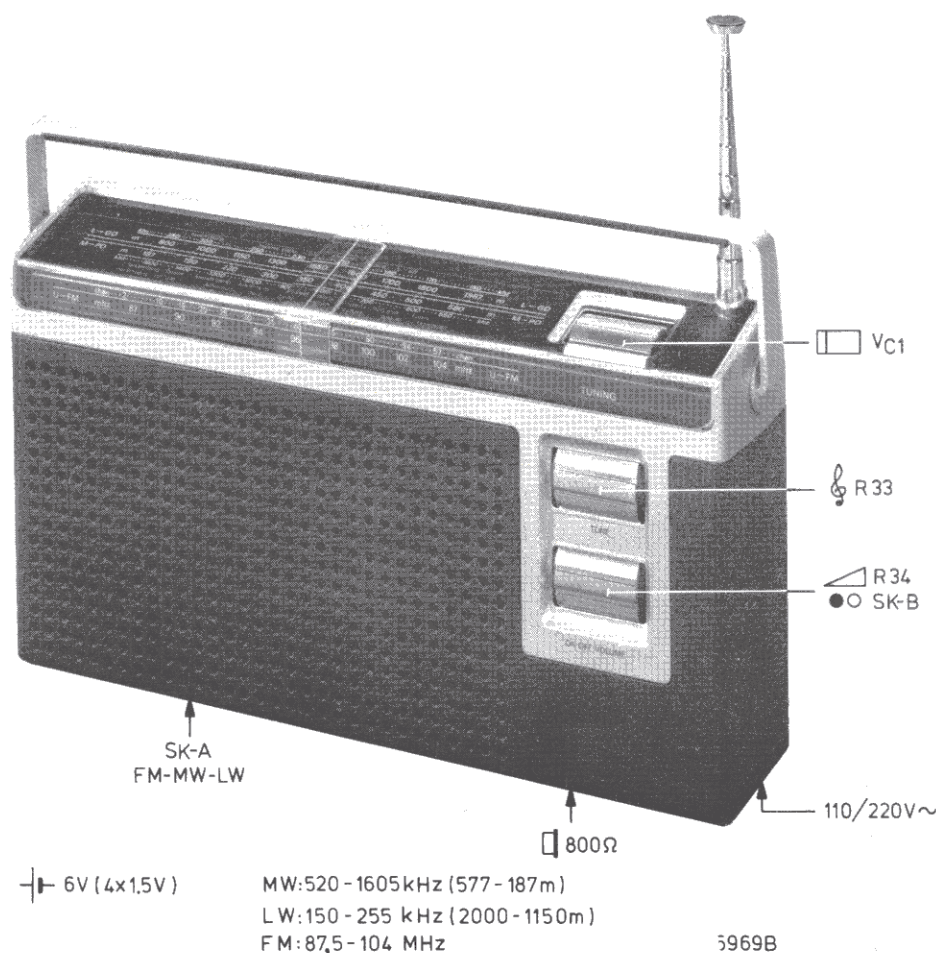


Service
Service
Service

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.

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



Subject to modification
4822 725 11419
Printed in The Netherlands

PHILIPS

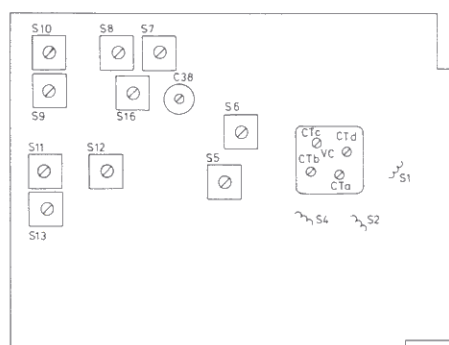
Wave range	Signal to		Varicap	Detune	Adjust	Indication
SK....						
MW (520-1605 kHz)	1 via 39 nF	A	Min.Cap.	S9, S12	S12	1 via 100 kΩ Max.
					S9	
					S8	
MW (520-1605 kHz)	512 kHz	B	Max.Cap.		S16	
	1635 kHz		Min.Cap.		CTd	
	600 kHz		Tune in		S14 (a-b)	
	1400 kHz				CTc	
LW (150-255 kHz)	147 kHz		Max.Cap.		C38	
	200 kHz		Tune in		S14 (c-d)	
FM (87.5-104 MHz)	10.7 MHz via 39 nF Δ f = 200 kHz (50 Hz)	C	Min.Cap.	S6,S7,S10,S13	S11	
					S10	
					S7	
					S6	
					S5	
					S13	1 3
FM (87.5-104 MHz)	105 MHz	D	Min.Cap.		CTb	1 via 100 kΩ Max.
	86.5 MHz		Max.Cap.		S4	
	88 MHz		Tune in		S2	
	104 MHz				CTa	

Repeat - Herhalen - Répéter - Wiederholen - Repitère

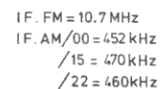
1 Apply the required IF-Signal:
For -/00/28 = 452 kHz
-/15 = 470 kHz
-/22 = 460 kHz

2 Open bridge . Connect a scope to and adjust for maximum height and symmetry of the response curve

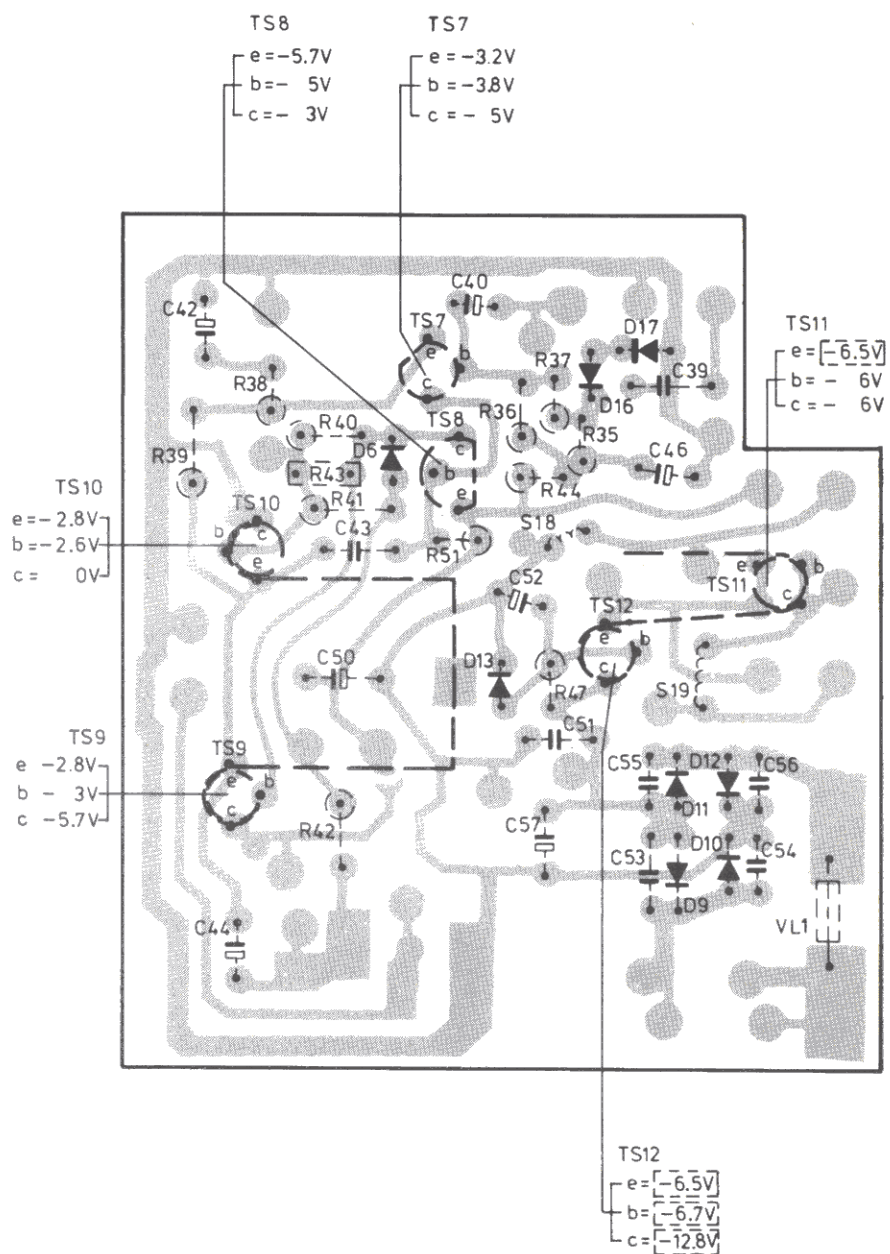
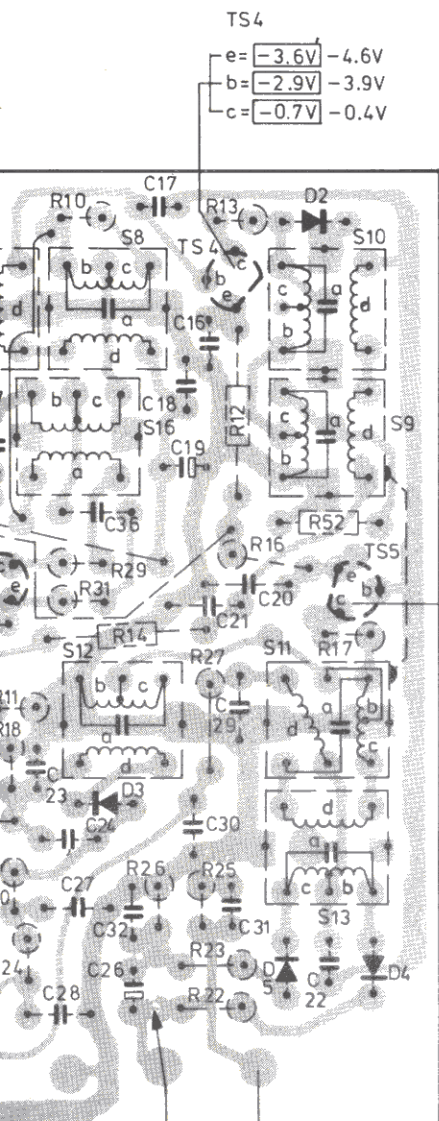
3 Close bridge . Connect a scope to and adjust S-curve for maximum linearity and symmetry.



MISC	S1	D1S	TS1		S2	S3	TS2		D1	S5	S6	TS3		S7	S8	TS4		D2	S9	S10	TS5		S11	S12										
MISC																																		
C	2	1	4		3	6	5	7	8	9	S4		D14		S14	TS6		S16	15		14	19	18	16		17	21		22	20	D7		D8	
C									12	34	33	59			41	35			36	58			37	38										
R	1			2				3	4		5			6	7	8		10	9			50	12	13	52	11	14	15	16		17	19		
R													48		28			29 + 31				32								46				



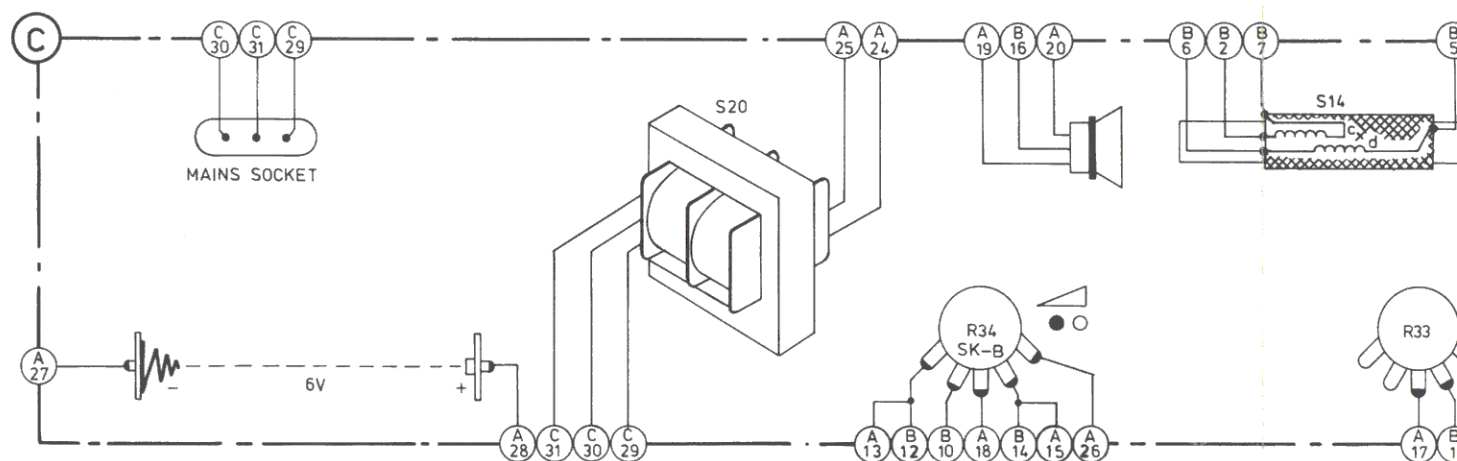
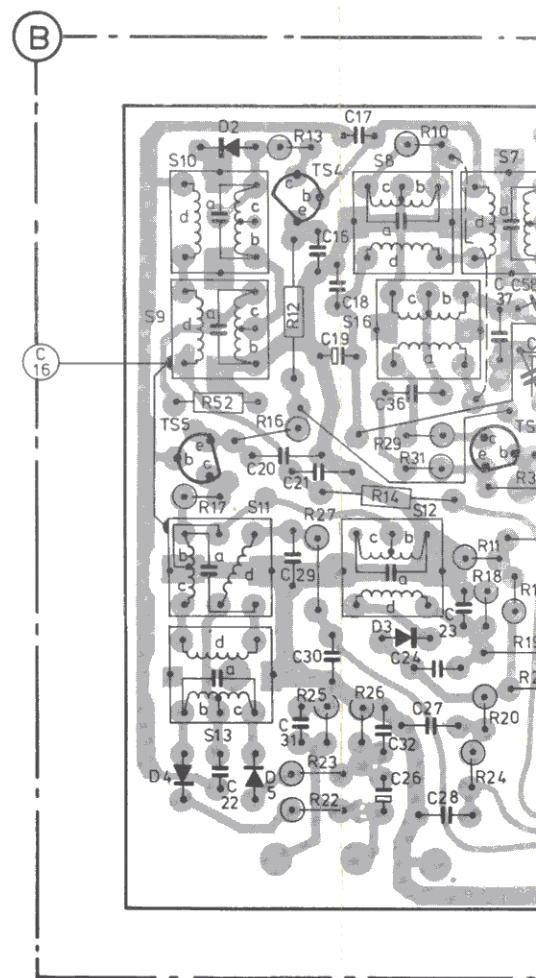
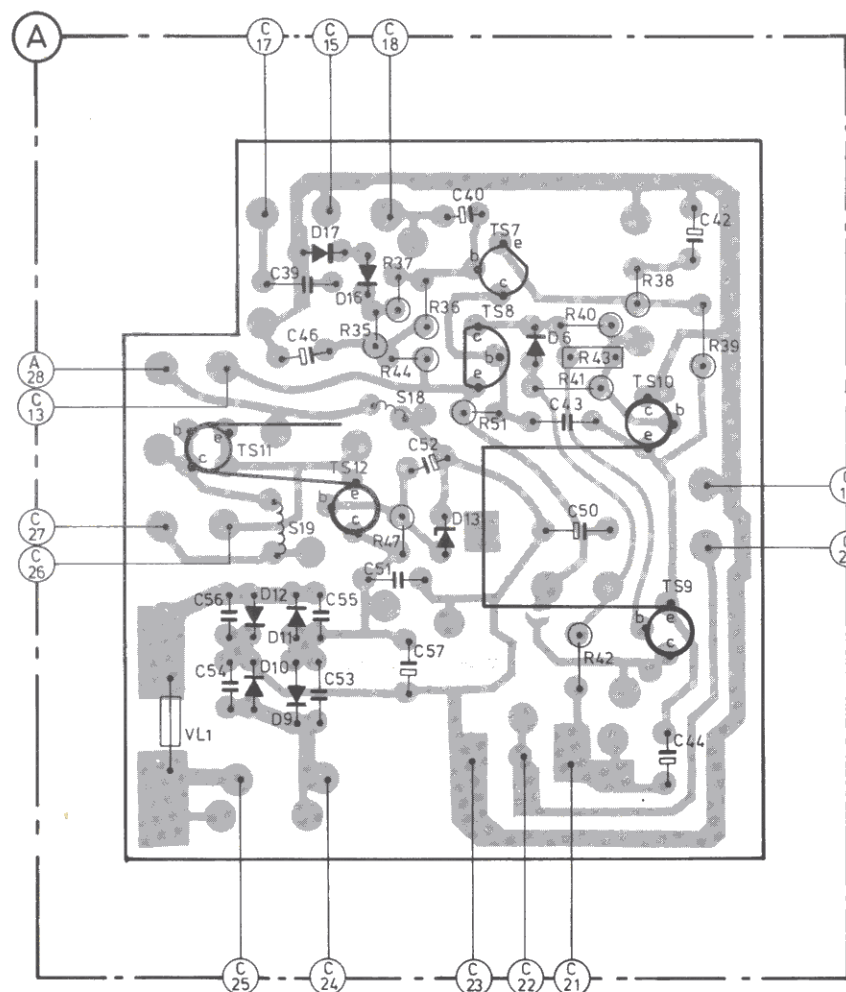
S8,16		TS4	D2 TS5 S10,9			TS10		D6	TS7,8	S18		D16,17	TS11	MISC						
S12		D3	D5 S13			D4	TS 9		D13		TS12	S19	D9÷12	VL1	MISC					
7	36 16÷19		21		20	42		43		40		52	46 39		C					
3	27	32	24	26	29÷31		22		44		50		57		51	53	55	54	56	C
10		31	29	14	13	12	16	52 17		39	38	43	40	41	51	36	44	37	35	R
24	25÷27		23		22	42		47												R



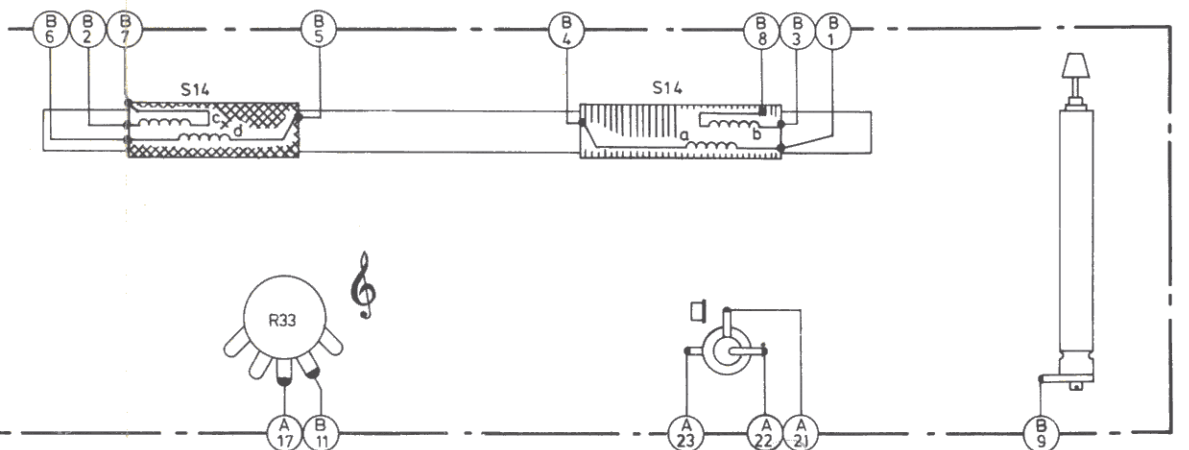
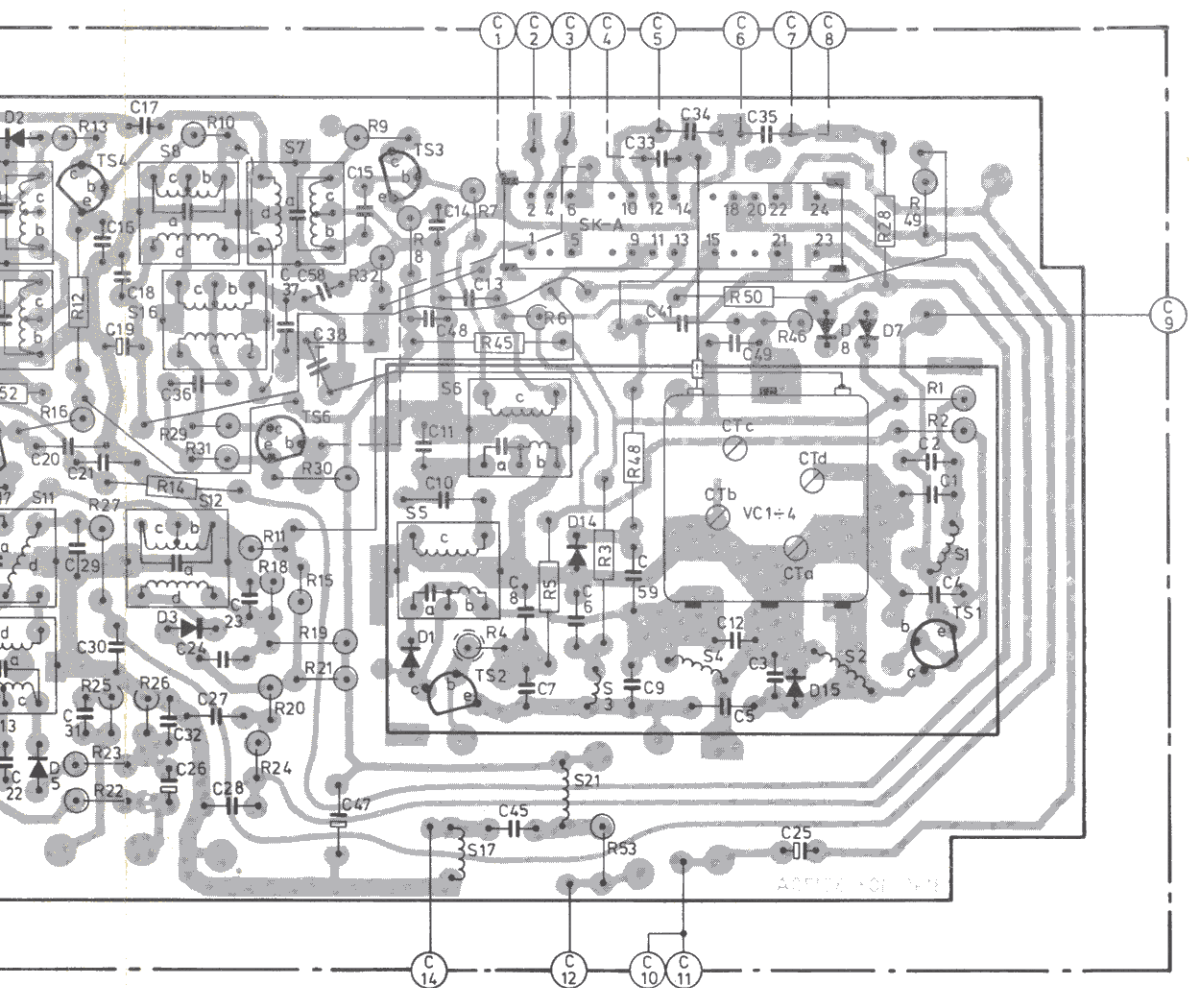
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CS52254

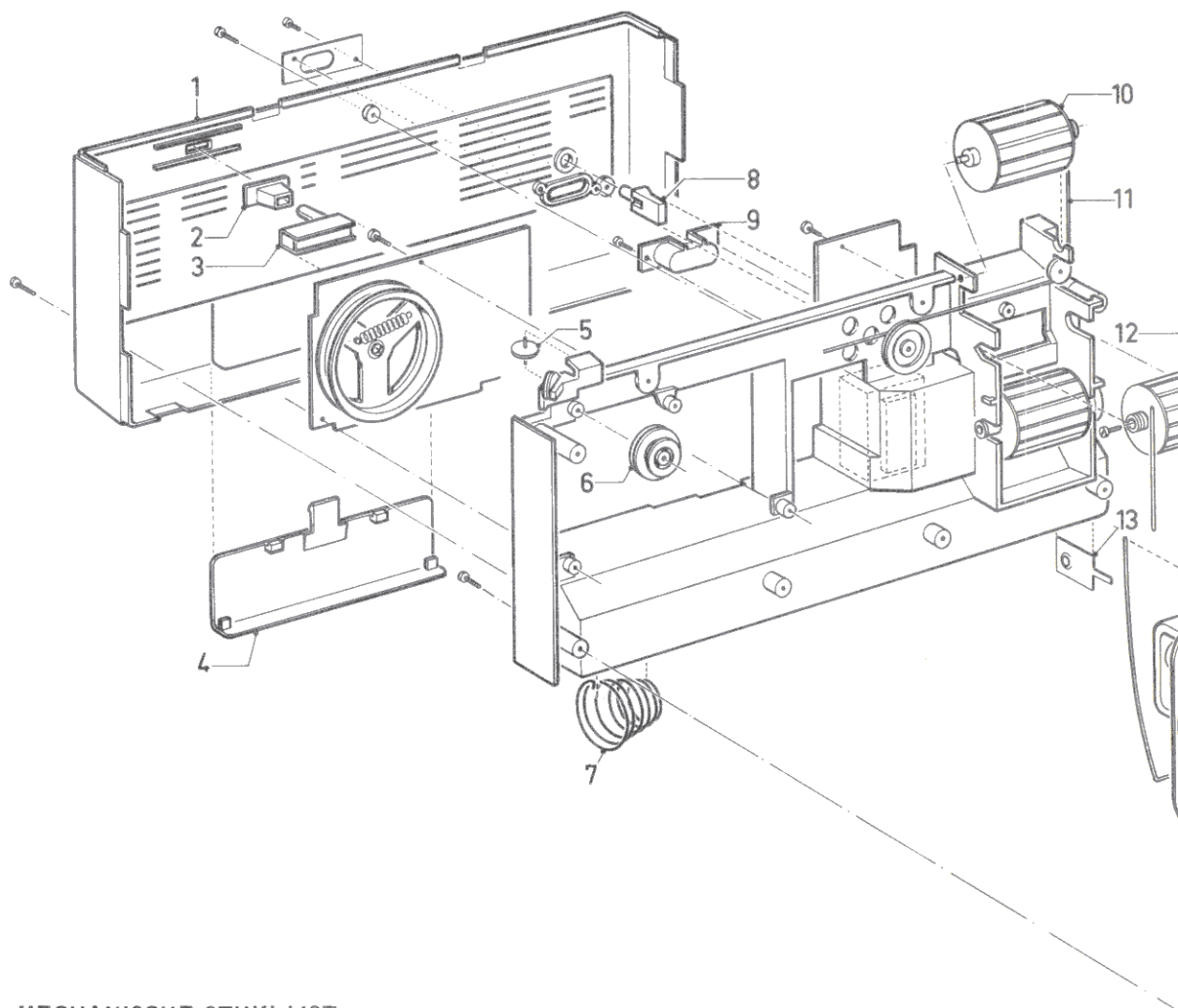
MISC	TS11		D17,16		S18		TS8,7		D6		TS10		S9,10 TS5 D2				TS4		S16,8		S7																															
MISC	VL1		D9÷12		S19		TS12		D13		TS9		S20		SK-B				D4		S13		D5		S11		D3		S12		S14 c,d																					
C			39		46				52		40				43				42						20		21		16 ÷ 19		36		37		56																	
C			56		54		55		53				51		57				50		44						22		29÷31		26		24		32		27		23		28											
R							35		37		44		36		51				41		40		43		38		39						17		52		16		12		13		14		29		31		10		30	
R									47										42										34								22		23		25 ÷ 27		24		11		18					



S5	D2	TS4	S16,8	S7	TS6	TS3	S6	SK-A	VC1÷4	D8	D7		MISC									
S13	D5	S11	D3	S12	S14c,d	S5	D1	S17	TS2	D14	S21	S3	S14a,bS4	D15	S2	TS1	S1	MISC				
20	21	16 ÷ 19	36	37	58	15	38	48	11	14	13	41	33÷35	CTb	CTc	49	CTd	2	1	C		
22	29÷31	26	24	32	27	23	28	47	10	45	8	7	6	59	9	5	12	3	CTa	25	4	C
52	16	12	13	14	29	31	10	30	32	9	8	7	45	6	48	50	46	28	49		R	
22	23	25÷27	24	11	18÷21	33	15	4	5	3	53							1	2		R	

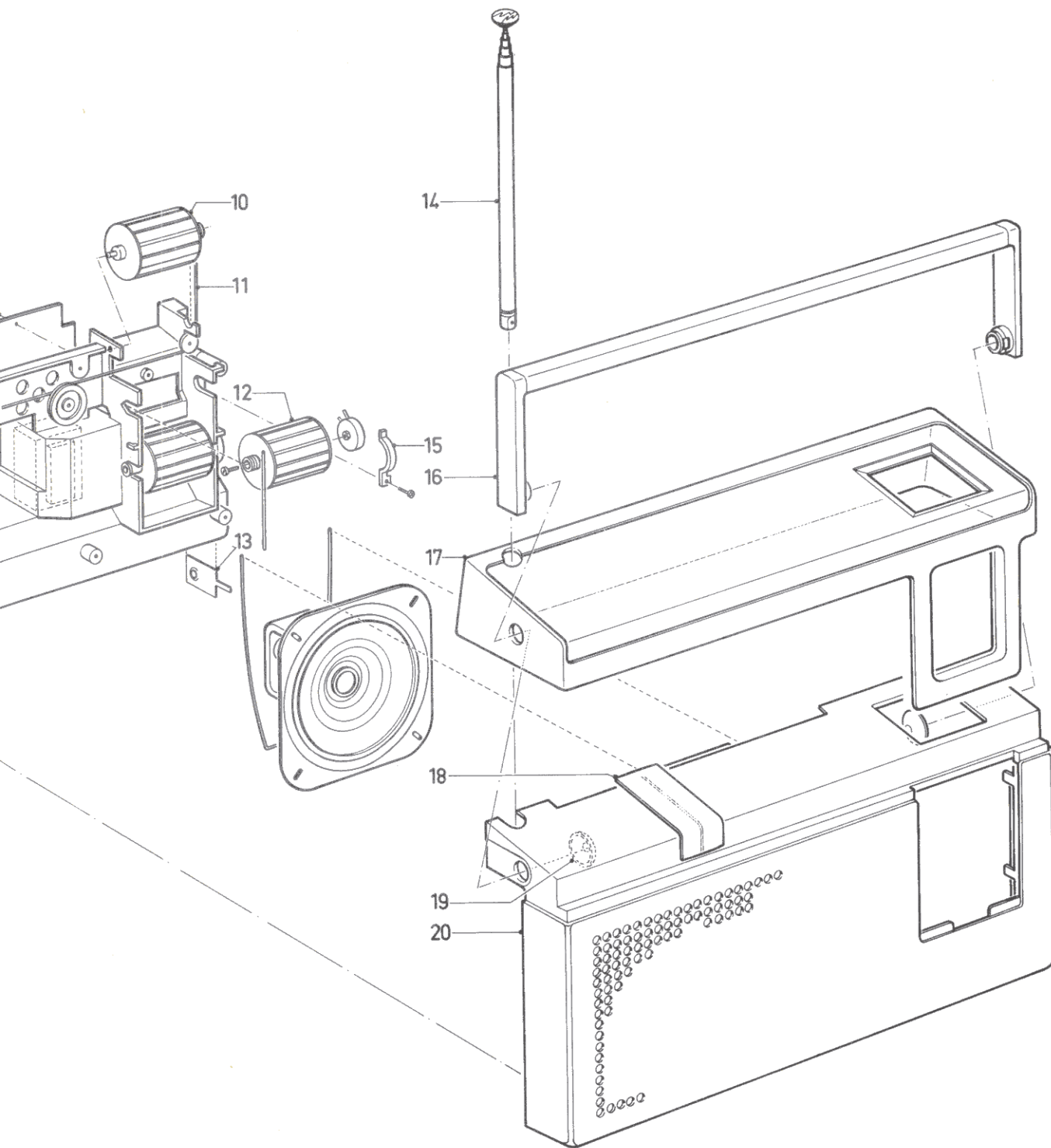


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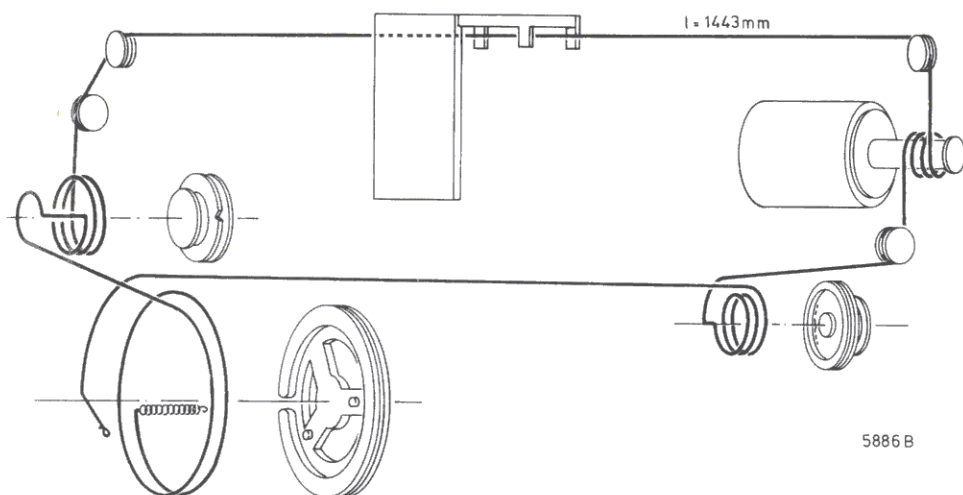


MECHANISCHE STUKLIJST

1	4822 421 30047
2	4822 411 60401
3	4822 277 20118
4	4822 423 40394
5	4822 528 80654
6	4822 528 80579
7	4822 492 51098
8	4822 267 30263
9	4822 265 20125
10	4822 413 40649
11	4822 321 30214
12	4822 413 40651
13	4822 290 80259
14	4822 303 30169
15	4822 404 10293
16	4822 498 40364
17	4822 423 40393
18	4822 450 80422
19	4822 462 70659
20	4822 423 50242



5840F



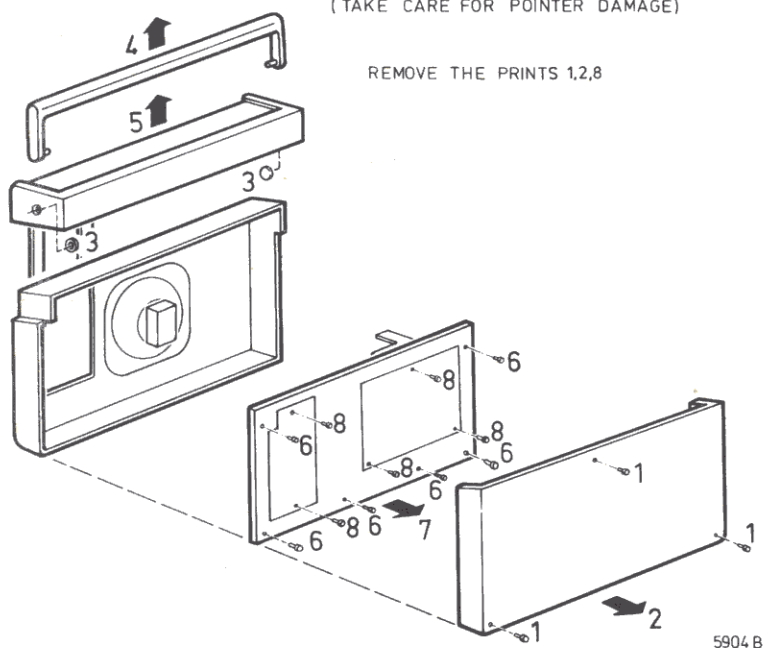
-TS-		
TS1,2,4,5,6	BF494	
TS3	BF495	
TS7	BC558A	
TS8	BC338	
TS9,10	AC187/A	
TS11	AC128	
TS12	AC188	

-D-		
D1,2,15	BA100	
D3,4,5	AA119	
D6,7,8,16,17	BA216	
D9,10,11,12	BY188B	
D13	BZX79/C	
D14	FV1043	

-C-		
C58	Cer.cap.	
C3,7,12	Cer.cap.	
C34	Cer.cap.	
C37	Cer.cap.	
C1,6	Cer.cap.	
C43	Cer.cap.	
C31,32	Cer.cap.	
C8,29,30	Cer.cap.	
C24,27,28,45,48,49,53,54,55,55	Cer.cap.	
C13,14,16,18,20,21,23,35	Cer.cap.	
C51	Cer.cap.	
C19,25	Elco 4.7	
C40	Elco 1 μ	
C42	Elco 220	
C57	Elco 470	
C11	Polystyrene 820 pF	
C36	Cap. 22	
C38	Trimmer	
VC1-4	Varco	

REMOVE THE CABINET 1...7
(TAKE CARE FOR POINTER DAMAGE)

REMOVE THE PRINTS 1,2,8



-TS- 			-S- 		
TS1,2,4,5,6	BF494	5322 130 44195	S3,17,18,19,21	Coil 0,7 μ H	4822 156 30485
TS3	BF495	4822 130 40947	S5,6	FM-IFT (orange)	4822 156 30439
TS7	BC558A	5322 130 44197	S7,10	FM-IFT (green)	4822 153 50202
TS8	BC338	5322 130 44121	S8,9	AM-IFT (white)	4822 153 10269
TS9,10	AC187/AC188 pair	5322 130 40347	S11	FM-IFT (pink)	4822 153 10237
TS11	AC128	5322 130 40095	S12	AM-IFT (black)	4822 153 10232
TS12	AC188	5322 130 40456	S13	FM-IFT (blue)	4822 156 30442
			S14(a-b)	MW-Ant. coil	4822 158 60387
			S14(c-d)	LW-Ant. coil	4822 158 60386
			S16	AM-Osc. coil (red)	4822 156 30485
			S20	Mains transformer	4822 145 30145
-D- 					
D1,2,15	BA100	5322 130 30226			
D3,4,5	AA119	5322 130 40229			
D6,7,8,16,17	BA216	5322 130 30702			
D9,10,11,12	BY188B	4822 130 30829			
D13	BZX79/C7V5	5322 130 30666			
D14	FV1043	4822 130 30845			
-C- 			-R- 		
C58	Cer.cap. 3 pF, 1/4 %	4822 122 31223	R33	Potm. tone 50K	4822 101 20466
C3,7,12	Cer.cap. 27 pF, 5 %	4822 122 30045	R34	Potm. volume 20K	4822 101 50195
C34	Cer.cap. 40 pF, 5 %	4822 122 31069	R43	Thermistor	4822 116 30183
C37	Cer.cap. 150 pF, 5 %	4822 122 31085			
C1,6	Cer.cap. 330 pF, 5 %	4822 122 31165			
C43	Cer.cap. 1000 pF, 5 %	4822 122 31175			
C31,32	Cer.cap. 3300 pF	4822 122 30099			
C8,29,30	Cer.cap. 4700 pF	4822 122 31125			
C24,27,28,45,48,49,53,54,55,56	Cer.cap. 10 KpF	4822 122 30043			
C13,14,16,18,20,21,23,35	Cer.cap. 22 KpF	5322 122 30103			
C51	Cer.cap. 40 KpF	4822 121 40413			
C19,25	Elco 4.7 μ F-6.3 V	4822 124 20466			
C40	Elco 1 μ F-6.3 V	4822 124 20583			
C42	Elco 220 μ F-6.3 V	4822 124 20589			
C57	Elco 470 μ F-16 V	4822 124 20527			
C11	Polystyrene cap. 820 pF	4822 122 30135			
C36	Cap. 22 KpF	4822 122 30049			
C38	Trimmer 22 pF	4822 125 50045			
VC1-4	Varco	4822 125 20189			
			-Misc.-		
			Fuse 315 mA.T.		4822 253 30014
			Loudspeaker 4 Ω		4822 240 30098
			Antenna bar		4822 526 10105