



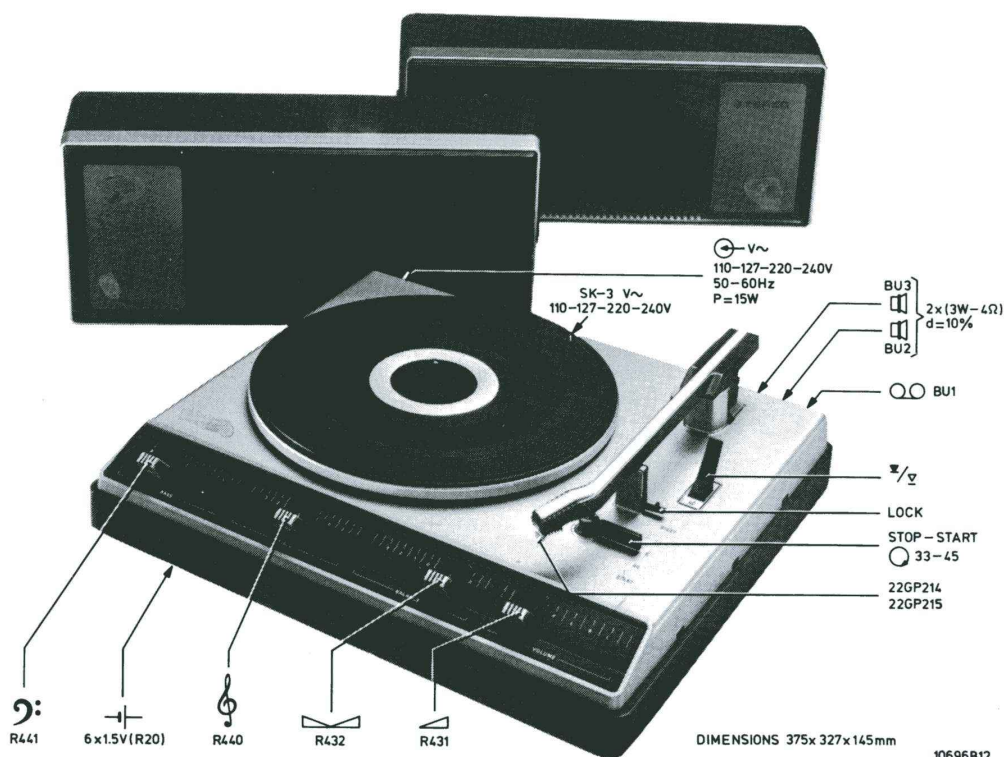
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Service
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Service Manual

For record changer see 22GC051/R version



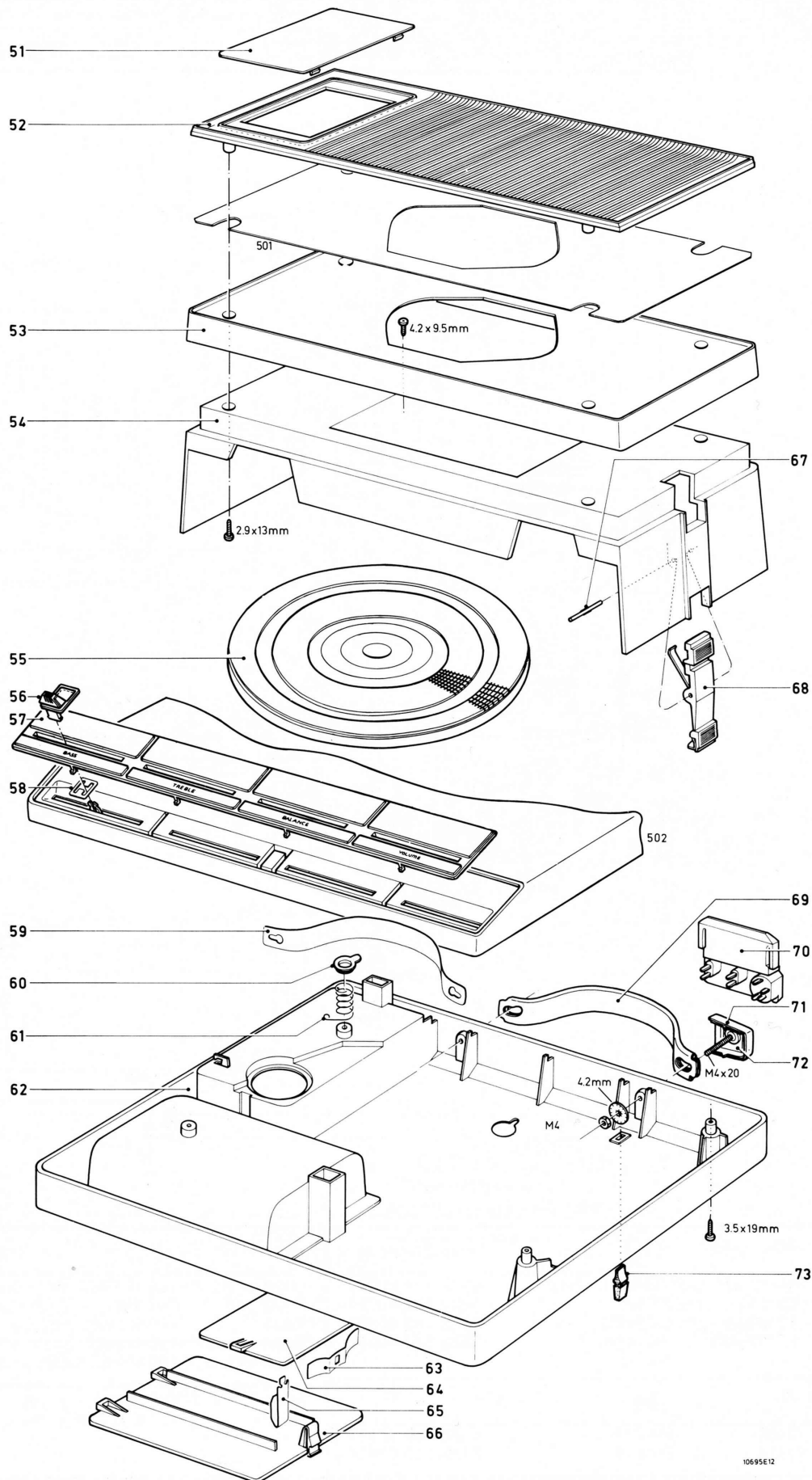
Safety regulations require that the set be restored to its original condition and that parts which are identical with those specified, be used.

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



Subject to modification
4822 726 11778
Printed in The Netherlands

PHILIPS



51	4822 454 30259
52	4822 458 50248
53	4822 444 30201
54	4822 444 20167
55	4822 528 10315
56	4822 411 60522
57	4822 454 30258
58	4822 402 60558
59	4822 466 80706
60	4822 290 30096
61	4822 492 50903
62	4822 444 50237
63	4822 492 61902
64	4822 426 60062
65	4822 492 61688
66	4822 426 60061
67	4822 535 10119
68	4822 417 60166
69	4822 498 40418
70	4822 267 20152
71	4822 498 70045
72	4822 402 60447
73	4822 462 40328

Fig. 1

S																					S403 S404				
C	739	745	747	751	749	737	743	703	707	711	723					715					709 701	719 721 705 725			
C	740	746	748	752	750	738	744	704	708	712	724					714					710 702	720 722 706 726	7		
R	531	525	520	441 a	519	523	432 a	440 a	507	431 a													505	501 503	
R	532	526	530	441 b	520	524	432 b	440 b	508	431 b													506	502 504	513 509
MISC	Bu1	TS437 TS438																			Bu2 S403 Bu3 S404 TS421 M				

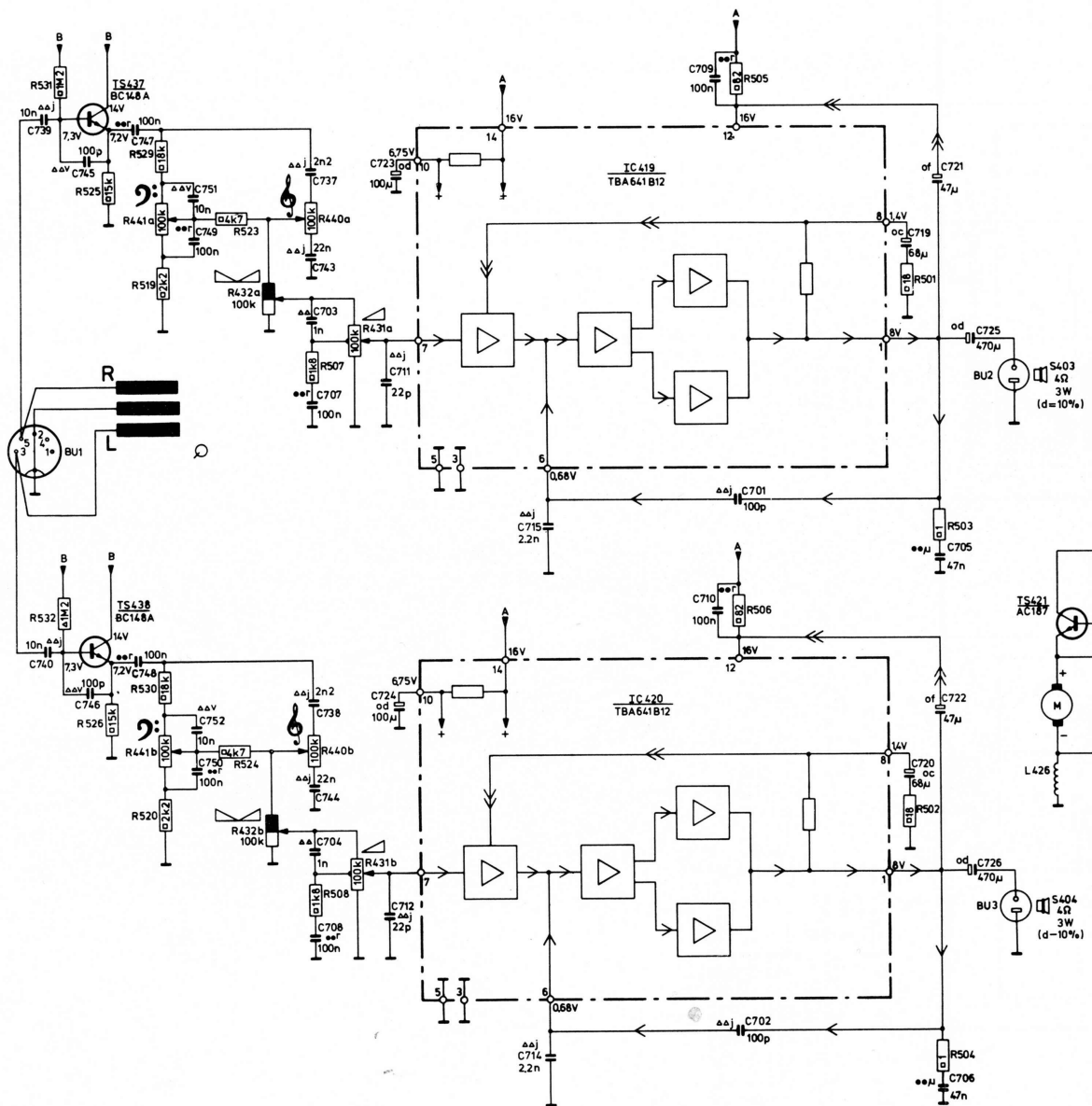


Fig. 2

-IC-	-TS-		-R-	
IC419-420	TBA641 - B12	4822 209 80271	R428	100 Ω lin.
TS421	AC187	5322 130 40314	R429	2k2 lin.
TS422	BC548B	4822 130 40937	R433	100 k semi log.
TS437-438	BC148A	5322 130 40317	R432	100 k spec.
			R440-441	100 k lin.
-D-			R511	680 Ω 0,4 W ± 2%
D406	BAX18	5322 130 34121	R514	1,2 k 0,4 W ± 2%
D424	BY164	5322 130 30414		

-L -	-S-
S403	4Ω
L426	3W
-SK-	
SK3	

M	IC419				IC420				TS421.TS422.TS437.L426.				TS438.	
C	705.701.711.725.715.	709.719.721.723.751.726.			714.702.712.707.744.	706.	710.708.	722.724.720.713.703.	718.745.739.	704.746.	748.	727.		
C		749.750.			743.752.			747.		740.				
R	503.	501.505.520.519.	432.	508.507.	504.523.524.	506.502.			517.	513.515.	532.514.431.511.510.512.516.			
R		441			529.530.				525.	531.	428.509.429.526.440.			

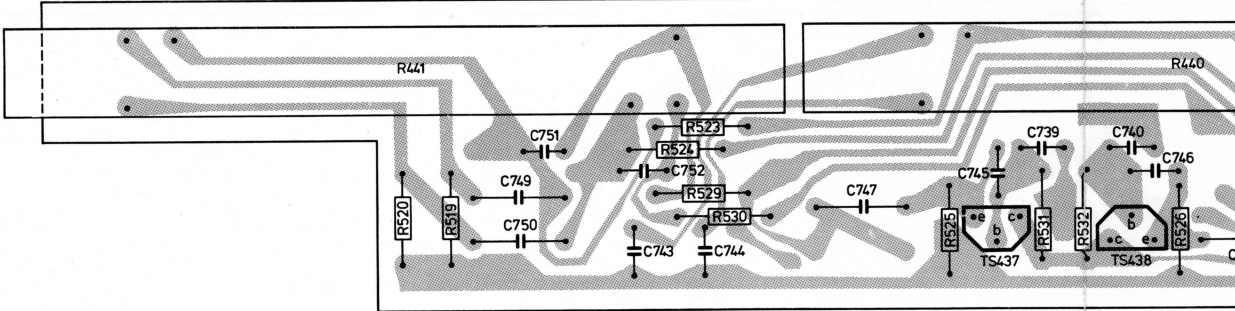
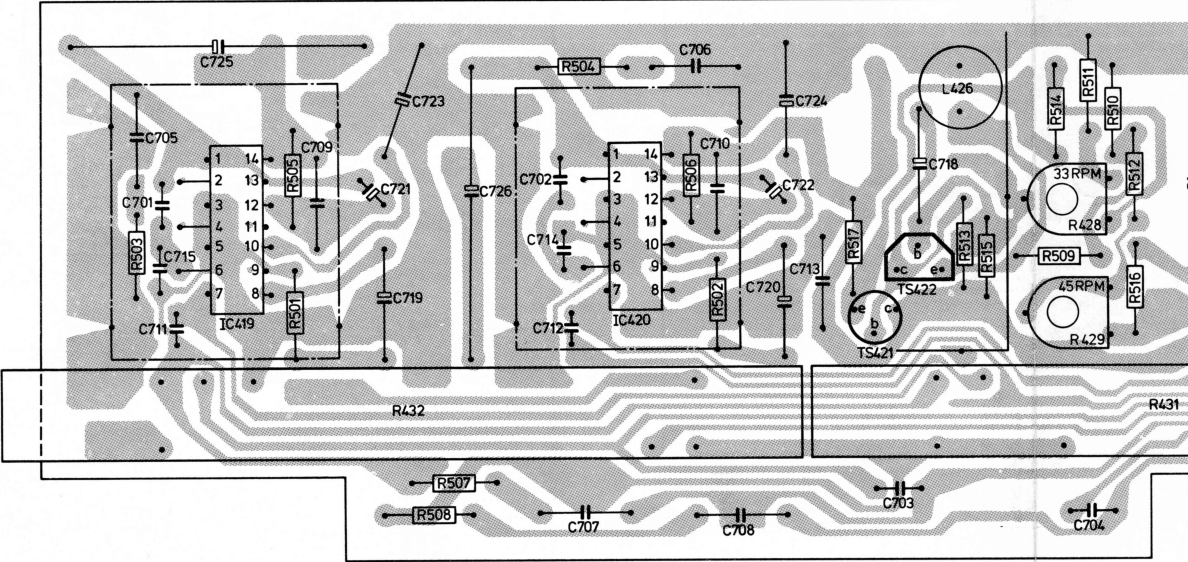
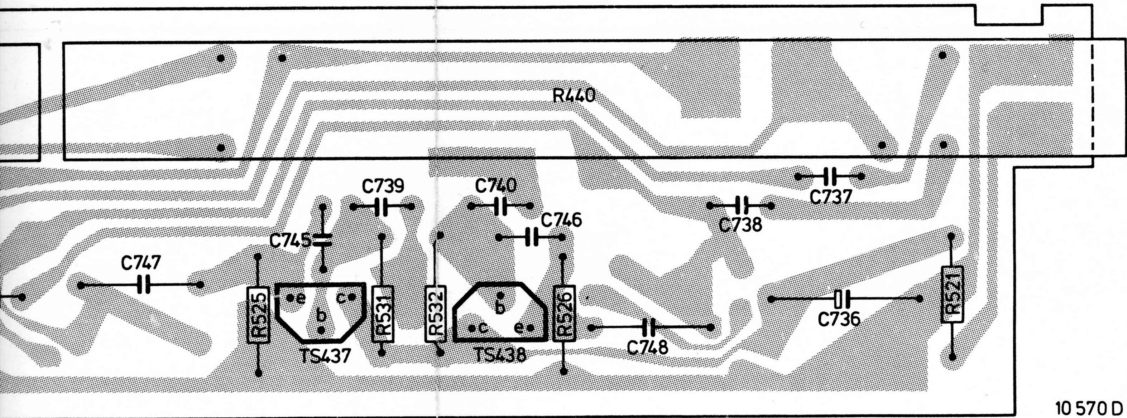
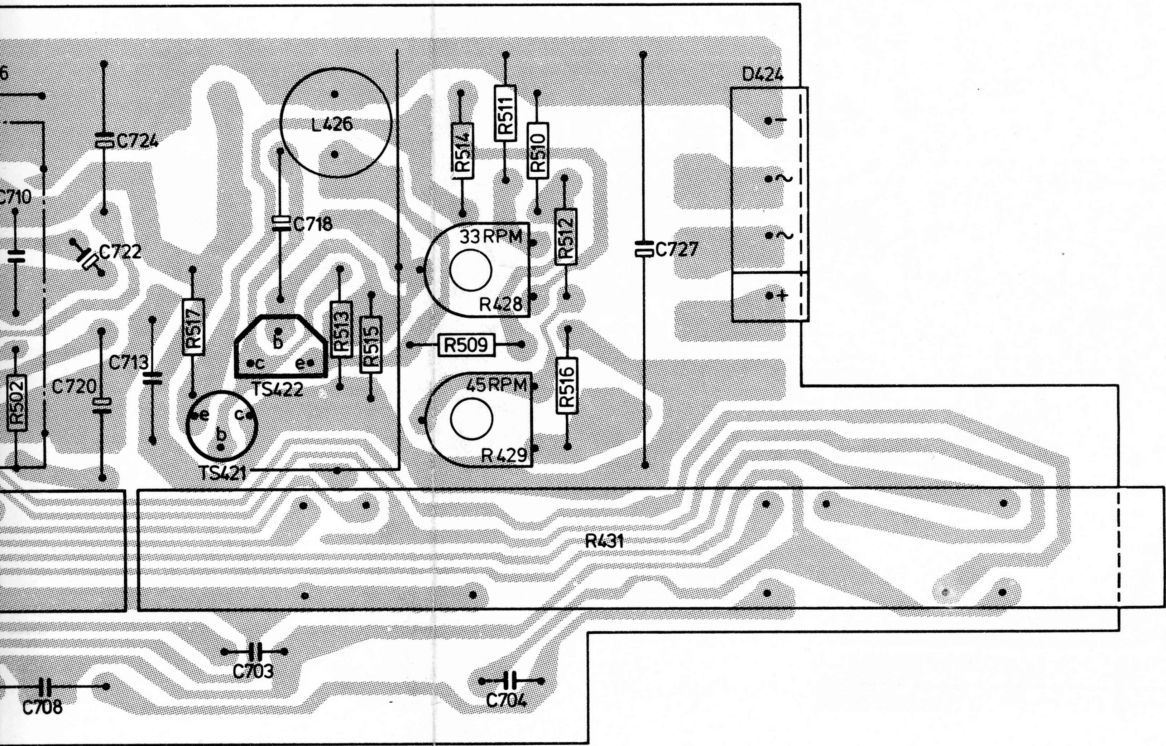


Fig. 4

TS421.TS422.TS437.L426.				TS438.				D424.				M
0.708. 722.724.720.713.703. 718.745.739.				704.746. 748. 727. 738. 737.736.								C
747.				740.								C
5.502. 517. 513.515. 532.514.431.511.510.512.516.												R
525. 531. 428.509.429.526.440.				521.								R



10570D 8

Fig. 4

M	D424			TS438.TS437.S426.TS422.TS421.							IC420			IC419		
C	736+738.			727.748.	704. 740.	739	745.718.	703. 713.720.724.722.708.710.706.	744.	712.702.707. 714.	726.749.723.719.721.	709.	725. 711.701.705.715			
C				746.			747.		752.743.	751.750.						
R	521	509.516.510+515.						525.517.	502.506.	523.524.504.	432.507.508.	520.505.501.	503			
R		431.440.526.428.429.532.			531.					529.530.	519.441.					

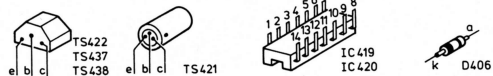
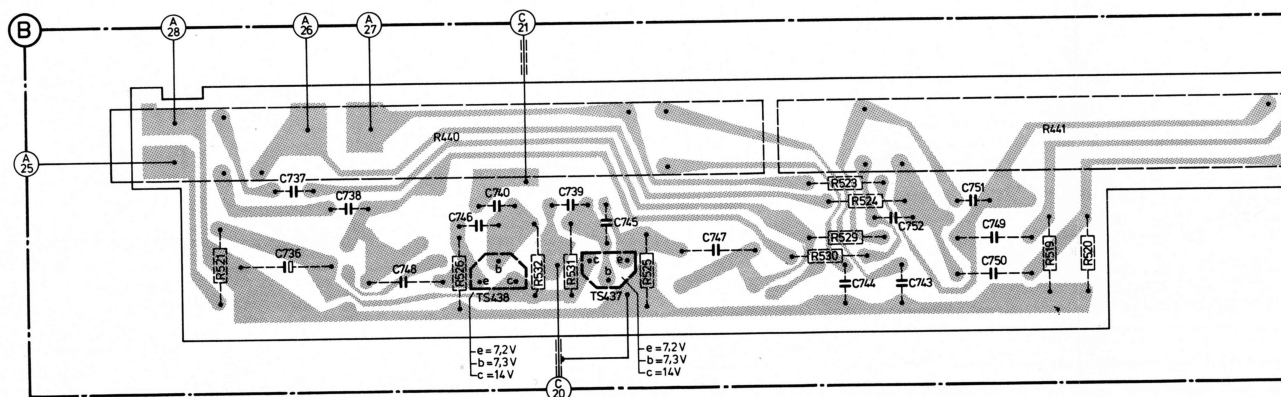
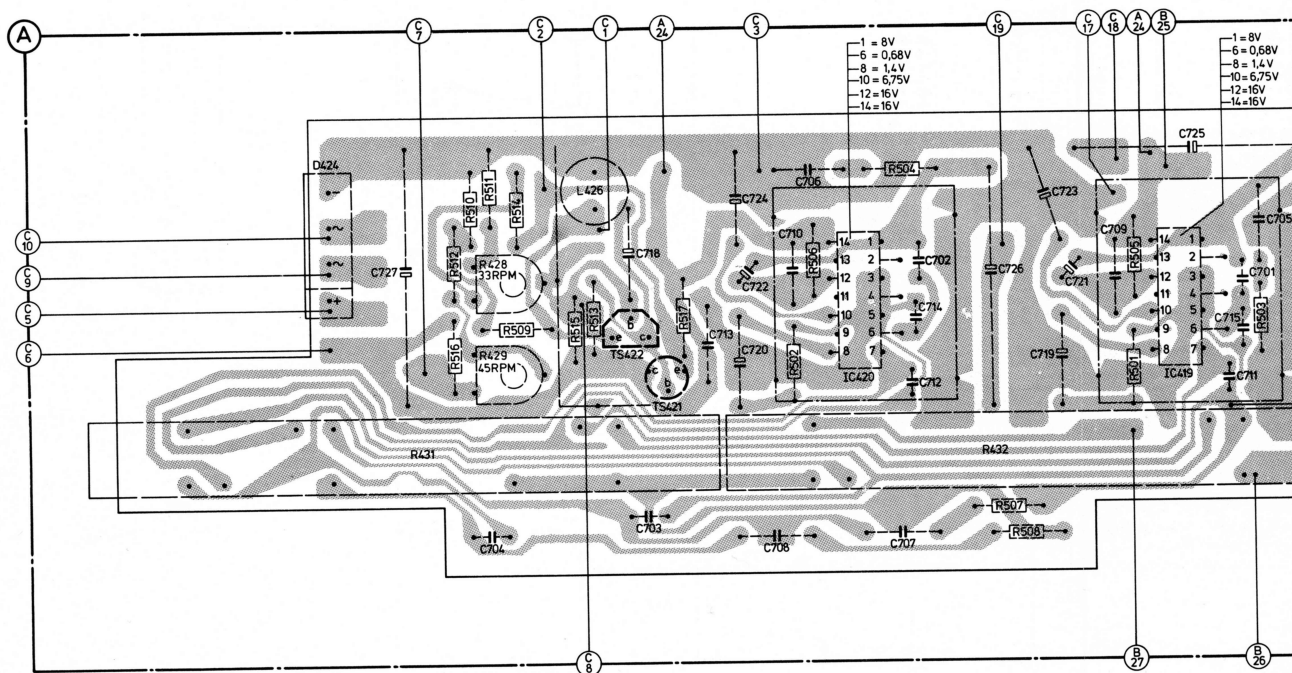


Fig. 3

