

Gramophones 22GF133/03E/03L

Service
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Service Manual

110-127-220-240V
50/60Hz
P=3,5W

RECORD PLAYER
22 GC 023/90

9V $\equiv$
6x1,5V (R20)

GP214-GP215

33-45-78

R501

0,5W (d=10%)
8 Ω

7278A

LOCK

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 Serviço



Subject to modification
4822 276 11582
Printed in The Netherlands

PHILIPS

CS53707

MISC	TS401 D403,404 TS402		TS405,406		S426		D474÷476 SK-2 TS451 T468		TS452 M F462		SK-1
C	602 603		604		605		601 681				
R	501	502 503	506 505 509	507 508 510	511 512			504	566÷568 569	570 571	

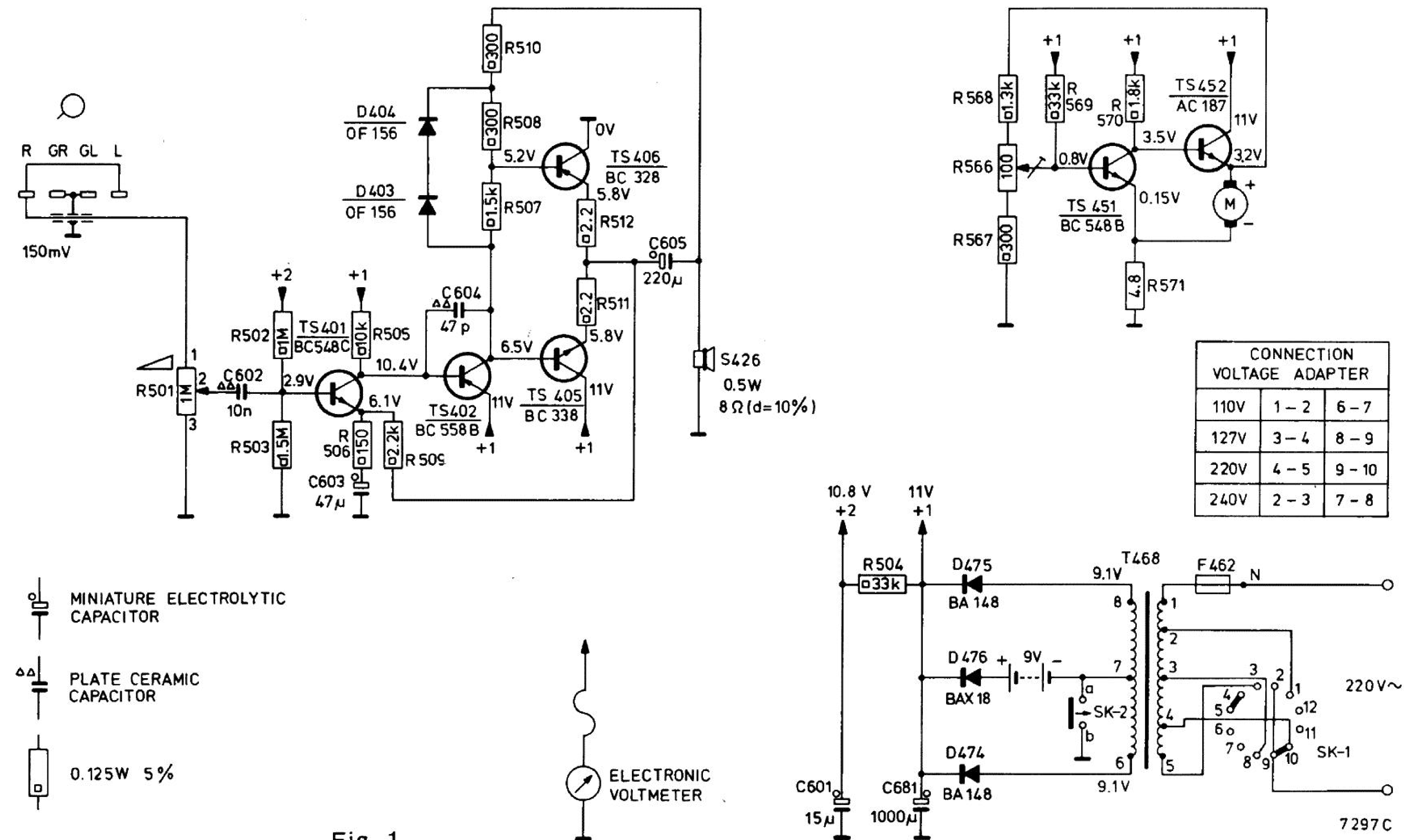


Fig. 1

T468	4822 145 30163	TS406	BC328	5322 130 44104	C605	220 μF - 10 V	4822 124 20589
F462	4822 252 20007	TS451	BC548B	5322 130 40937	C681	1000 μF - 16 V	4822 124 20524
SK2a	4822 290 80225	TS452	AC187	5322 130 40314	R501	1 MΩ log.	4822 105 10231
SK2b	4822 290 80226	D403-D404	OF156	4822 130 30265	R566	100 Ω	4822 101 20254
M	4822 361 70264	D474-D475	BY206	4822 130 30839	R571	4.8 Ω	4822 157 50746
S426	4822 240 40051	D476	BAX18	5322 130 34121			
TS401	BC548C	C601	15 μF - 16 V	4822 124 20467			
TS402	BC558B	C603	47 μF - 10 V	4822 124 20461			
TS405	BC338						

MISC	T 468	F 462	TS401,402,405 SK-1	TS406	D403,404	D474,475	TS 451	M	TS452	S426	D476	SK-2								
C		603	602	604		601	681	605												
R			505	506	509	511	504	512	502	508	507	510	503	501	567	569	570	571	566	568

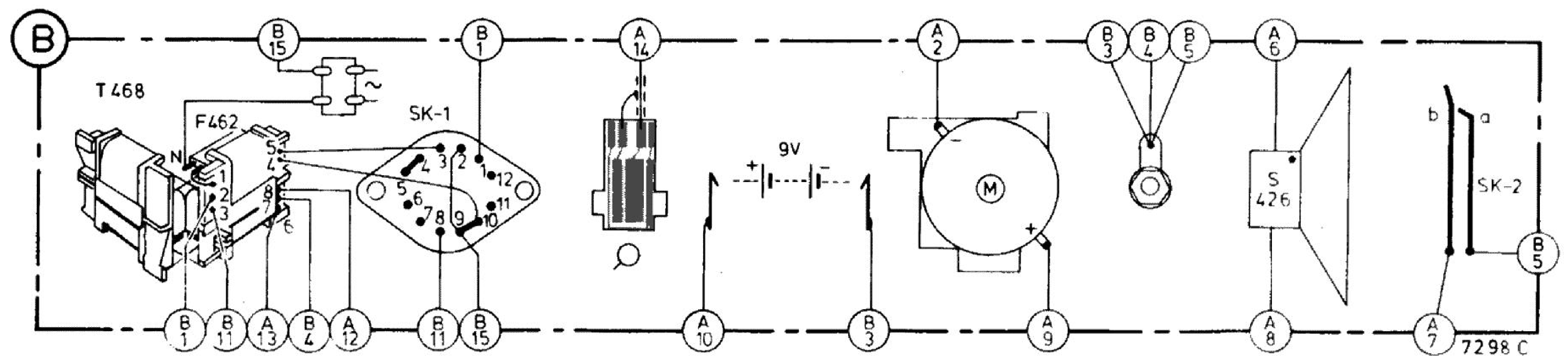
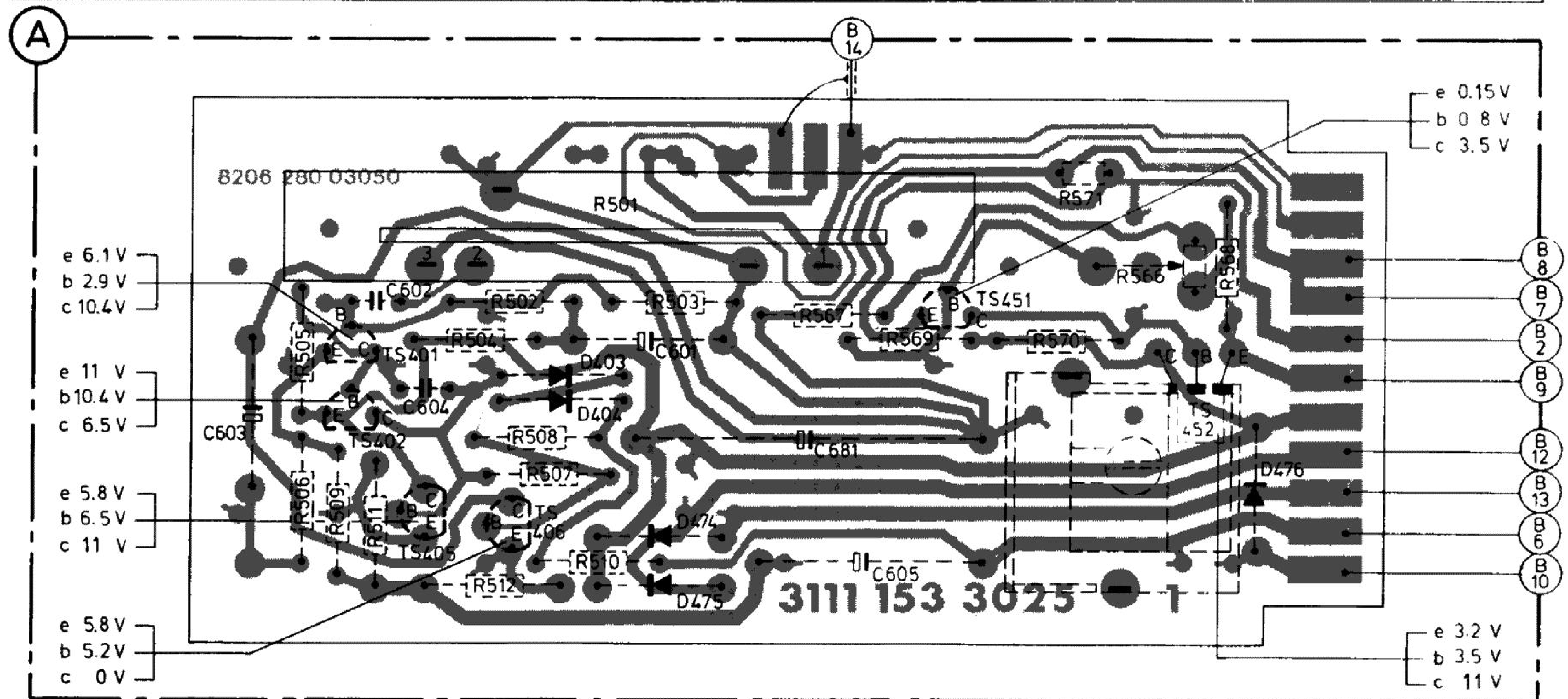
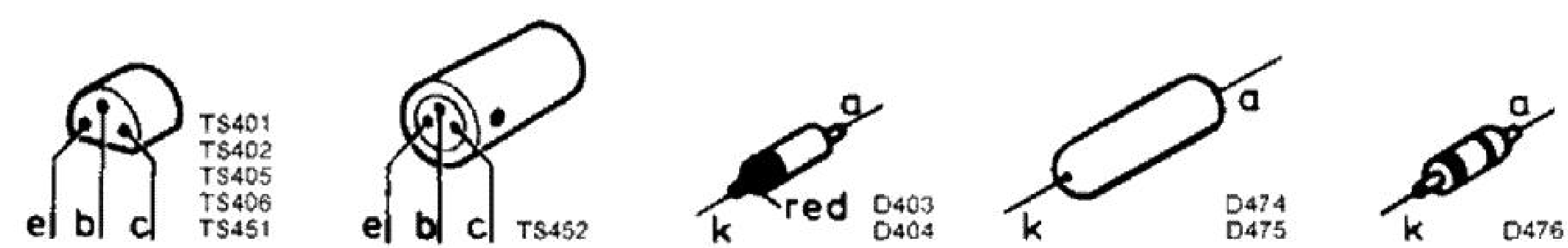
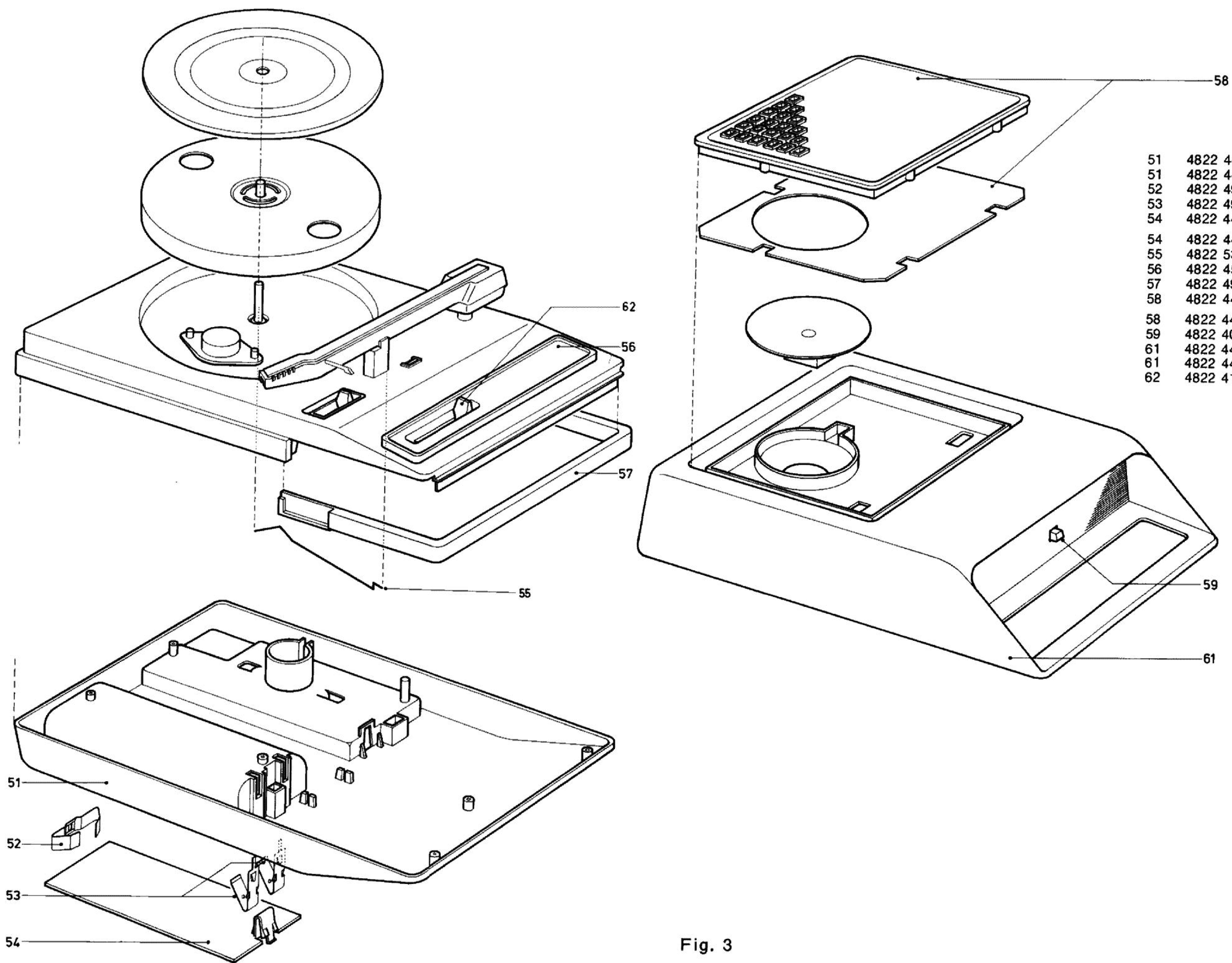


Fig. 2





51	4822 444 60328	yellow (E-version)
51	4822 444 60322	red (L-version)
52	4822 492 61841	
53	4822 492 62015	
54	4822 444 60329	yellow (E-version)
54	4822 444 60323	red (L-version)
55	4822 535 90988	
56	4822 454 30235	
57	4822 498 40374	
58	4822 444 60331	yellow (E-version)
58	4822 444 60326	red (L-version)
59	4822 402 60514	
61	4822 444 20187	yellow (E-version)
61	4822 444 20185	red (L-version)
62	4822 411 10033	

Fig. 3