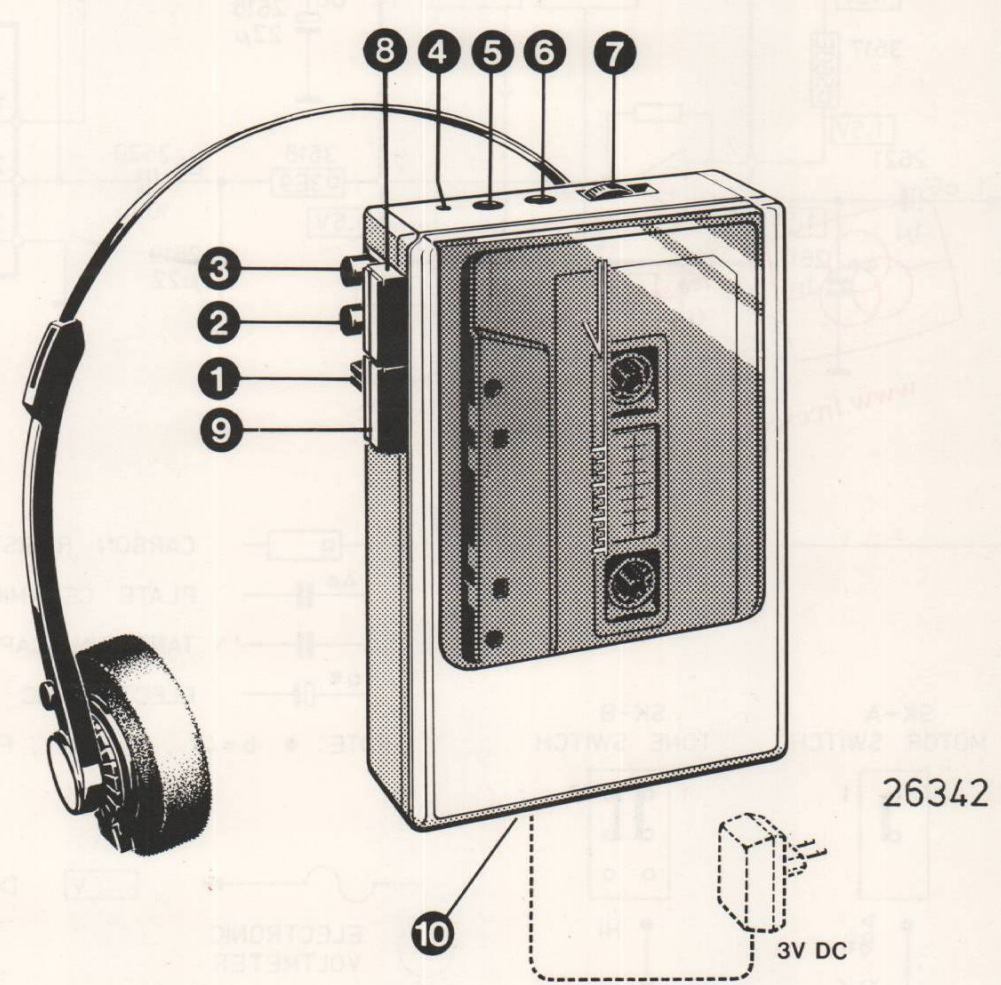


Service Manual



CONNECTION AND CONTROLS

- | | | |
|----|--|------|
| 1 |  | SK-B |
| 2 |  | SK-A |
| 3 |  | SK-A |
| 4 | Power Indication | 7501 |
| 5 |  | BU-2 |
| 6 |  | BU-3 |
| 7 |  | 3525 |
| 8 |  | |
| 9 |  | SK-A |
| 10 | 3V  | BU-1 |

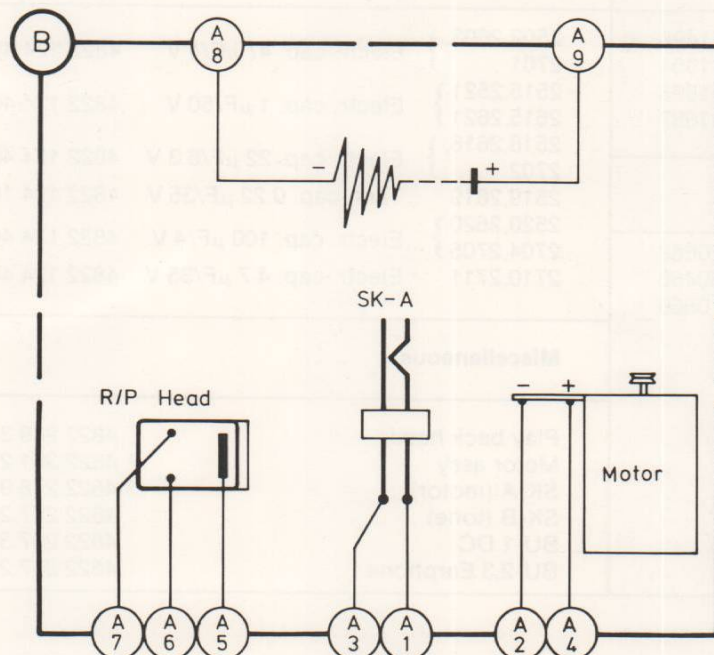
SPECIFICATION

- | | |
|---|-----------------------|
|  | 3V (2 x R6) |
|  | 2 x 27mW @ 32Ω, d=10% |
| Tape speed: | 4.76cm/s ± 3% |
| Wow and flutter: | <0.3% |
| S/N ratio: | >30dB |
| Channel separation: | >30dB |

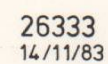
Adjustment	Cassette	Recorder in position	Measure on	Read on	Adjust with	Adjust to
Tape speed	3150 Hz of SBC420*	Play	BU-3	Wow and flutter meter	3706	**a
Azimuth R/PB head	8 KHz of SBC420*	Play	BU-3	mV - meter	Left screw R/PB head	Max. output
Channel balance	8 KHz of SBC420*	Play	BU-3	mV - meter	3517	@ L = R

* SBC420: 4822 397 30071.
**a The maximum permissible speed deviation is 3%.
Moreover, the wow and flutter value can be read.
This value should not exceed 0.35%.
@ Disconnect  during adjustment

Check	Cassette	Recorder in position	Read - out
Play take-up torque	811/CTM	Play	35 - 55 g-cm

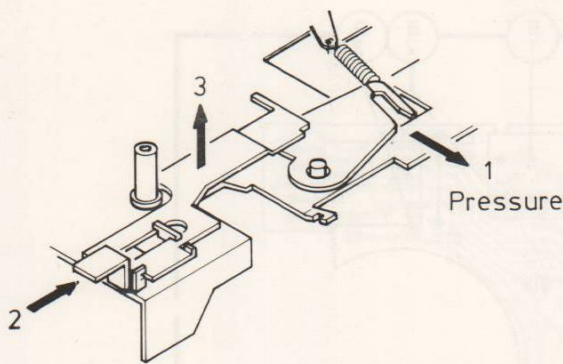
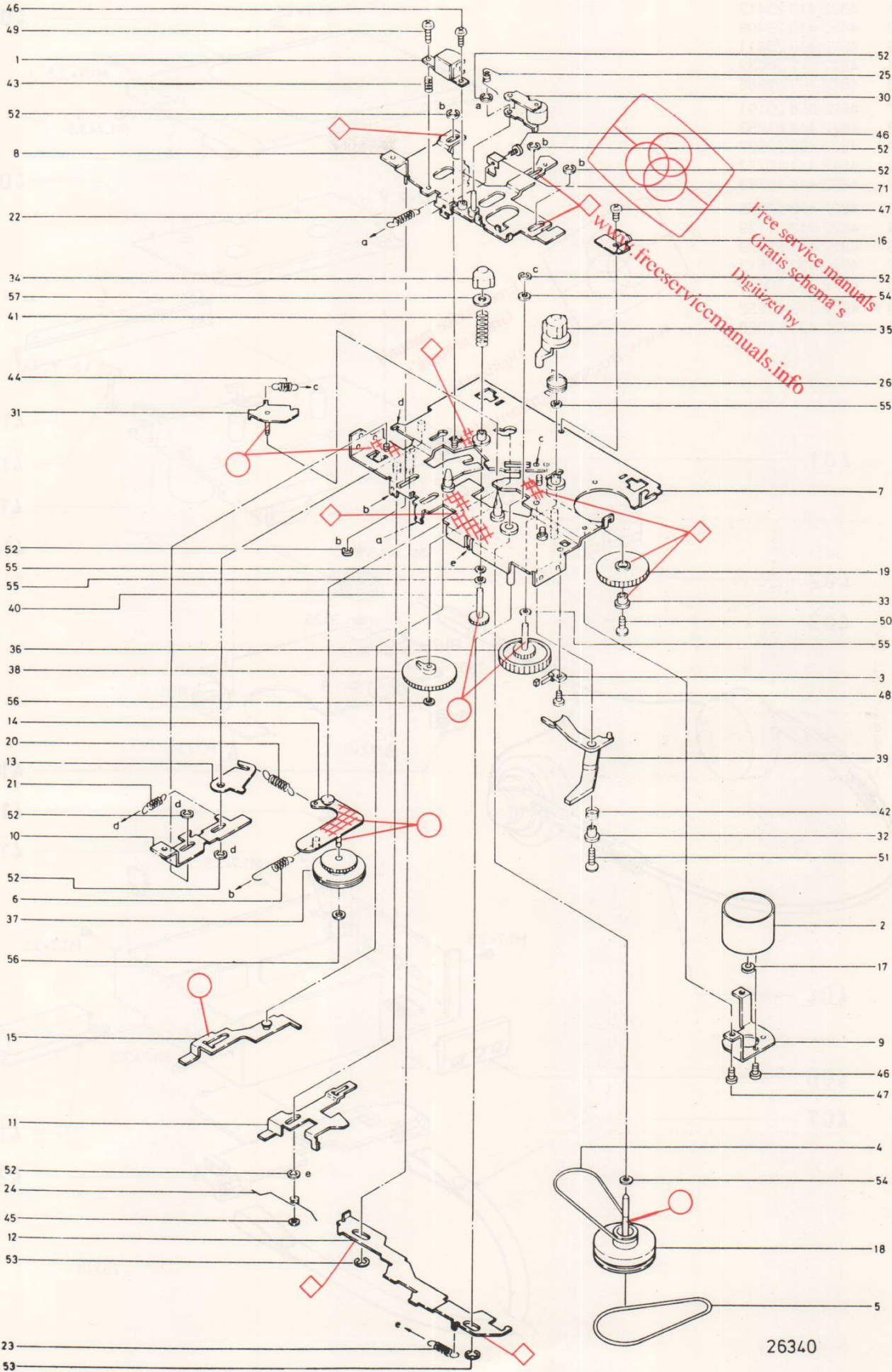


7821	7825	7841
1 - 1.2V	1 - 1.5V	1 - 3.0V
2 - 0V	2 - 1.5V	2 - 1.3V
3 - —	3 - 1.5V	3 - 0V
4 - 1.2V	4 - 1.5V	4 - 2.6V
5 - —	5 - 0.5V	5 - 2.1V
6 - —	6 - 2.3V	
7 - —	7 - 1.5V	
8 - 1.2V	8 - 0V	
9 - 1.2V	9 - 3.0V	
10 - 1.3V	10 - 1.5V	
11 - —	11 - 2.3V	
12 - —	12 - —	
13 - 2.3V	13 - 3.0V	
14 - —	14 - 1.5V	
15 - 1.3V	15 - 1.5V	
16 - 1.2V	16 - 1.5V	



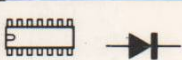
- 401
- 402
- 403





To remove pos. 15 of tape deck

1	4822 249 30081	14	4822 403 20177	26	4822 492 51619	41	4822 492 41067
2	4822 361 20467	15	4822 403 30407	30	4822 528 70421	42	4822 492 51578
3	4822 278 90514	16	4822 492 63003	31	4822 403 30402	43	4822 492 51579
4	4822 358 10084	18	4822 528 60193	34	4822 522 31702	44	4822 492 32369
5	4822 358 30397	19	4822 522 31753	35	4822 528 10488	45	4822 403 10222
6	4822 492 32364	21	4822 492 32366	36	4822 528 70433	54	4822 532 20979
8	4822 443 61254	22	4822 492 32367	37	4822 528 80937	55	4822 532 20981
10	4822 403 10221	23	4822 492 32368	38	4822 522 31705	56	4822 532 20982
11	4822 403 30406	24	4822 492 51617	39	4822 403 30405	57	4822 532 20983
13	4822 403 20178	25	4822 492 51618	40	4822 522 31706		

					
7501	SLP135B	4822 130 31498	2503,2603, } 2701	Electr. cap. 47 μF/4 V	4822 124 40797
7821	TA7709F	4822 209 81954	2515,2521 } 2615,2621		
7825	TA7688P	4822 209 81698	2518,2618, } 2702	Electr. cap. 22 μF/6.3 V	4822 124 40796
7841	LA5522	4822 209 81697	2519,2619		
			2520,2620 } 2704,2705	Electr. cap. 100 μF/4 V	4822 124 40798
			2710,2711		
			Miscellaneous		

◇ SHELL ALVANIA 2
4822 389 10001

○ BP SUPER VISCO STATIC
4822 390 10069