

MOD SHEET.
CCT. NOT INCLUDED.

AC 868

Service
Service
Service

Information

1977-08-10

CAR RADIO CASSETTE PLAYER
22AC868/80

A77-321

Already published: A76-314 (22AC860)

During production the following modifications have been introduced:

Recorder section

- To be sure of the correct torque; in the factory the two gearwheel assies 57 and 62 are selected (see exploded view) to match each other. Then they are fitted as a complete slip coupling in the tape deck. Consequently, Concern Service has adapted their stock. Under code number 4822 522 31203 the complete slip coupling (item 57, 58, 61 and 62) is supplied; item 4822 522 31204 has been omitted. You are requested to adapt your stock as well and to replace the complete slip coupling if one of the two components has broken down.
- From week 650, R484 and R486 have been replaced with jumpers.
Reason: Simplification of production
- From week 651 the value of R500 has been changed into 10 k Ω .
Reason: Better protection of IC403 against overload.
- From week 701 print 5 (REC) has been replaced with a "fall-pipe" version (no electrical modifications). See Fig. 1. The sets are marked with a capital F on the factory plate.
Reason: Simplification of production.

LF-section

- With code WA01, connector 3 has been omitted. The three connections are now soldered direct to print 4 (AF). Besides the jumper between R644 and connector 3 and R644 itself have been displaced (see Fig. 2).
Reason: Simplification of production.
- As stated in A76-314 the value of C521 and C535 had been modified.
This has been introduced with code WA02.
- The resistors in series with the wiper of R630 are R617 and R625 (see A76-314). By adding these resistors, one had to modify the track of print 4 (AF). At the same time several modifications were made to the track, for instance, near connector 2, C523/524 and R612 (see Fig. 2).
Reason: Simplification of production and a universal print for various sets.
- From week 652 the value of R612 has been changed into 430 k Ω .
Reason: The modification was necessary for another type. The print remains universal for various types.
- From week 721 the value of R640 and R660 has been changed into 6.8 k Ω .
Reason: Improving the LF-sensitivity.

HF/IF-section

- With code WA01, connector 1 has been omitted. The five connections of print 4 are now soldered direct to print 2 (AM+FM/IF+IAC).
Reason: Simplification of production.
- From week 713 aerial socket item 268 has been replaced with a metal socket (riveted to rear bracket 539) and a contact spring (item 541 soldered to print 2).
Reason: improving the contact between aerial plug and aerial socket.

MISC	TS405...408	D420	TS410	SK-D	D414,419	IC403	SK-E	D417	D416
C	427, 428, 436, 426, 430, 434, 435, 438, 444, 454	453	443	446		450	452	451	
R	464...467, 474, 469, 476, 477, 475, 487, 479	489, 503	504, 488, 509, 485	486			497...501, 494, 505, 495, 502		

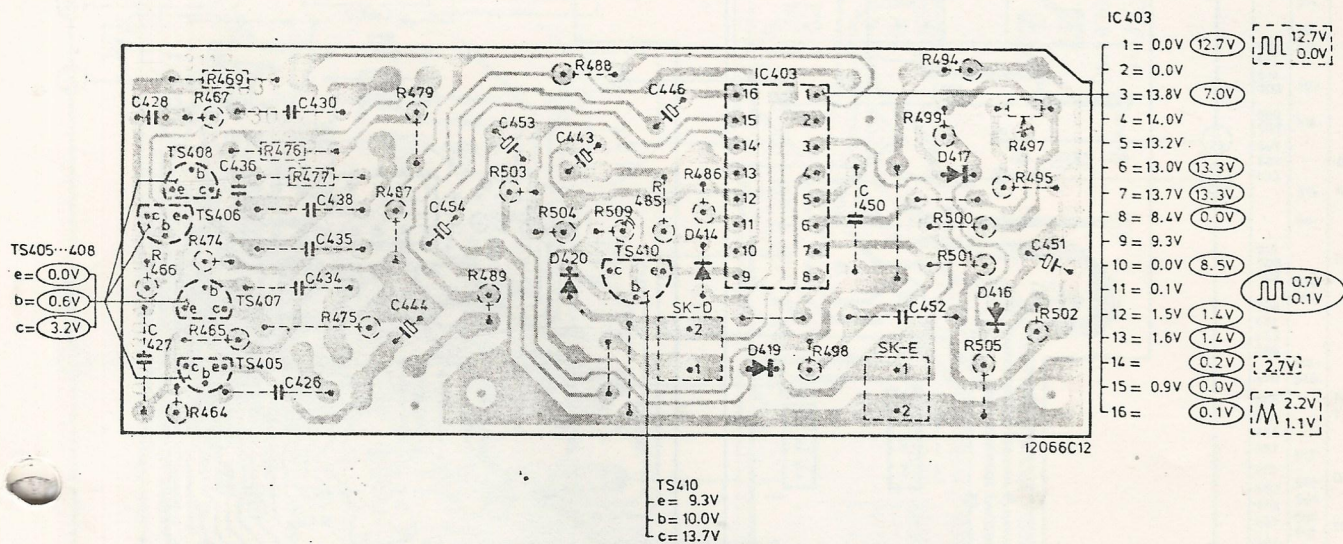


Fig. 1a

MISC	D416,417	SK-E	IC403	D419,414	SK-D	TS410	D420	TS405...408
C	451	450, 452	445	443	453, 454, 444	426, 435, 438, 430, 434, 436, 427, 428		
R	497, 502, 495, 505, 494, 499...501	498	486, 485, 509, 488, 504	503, 489	479, 487	475, 477, 476, 469, 474, 464...467		

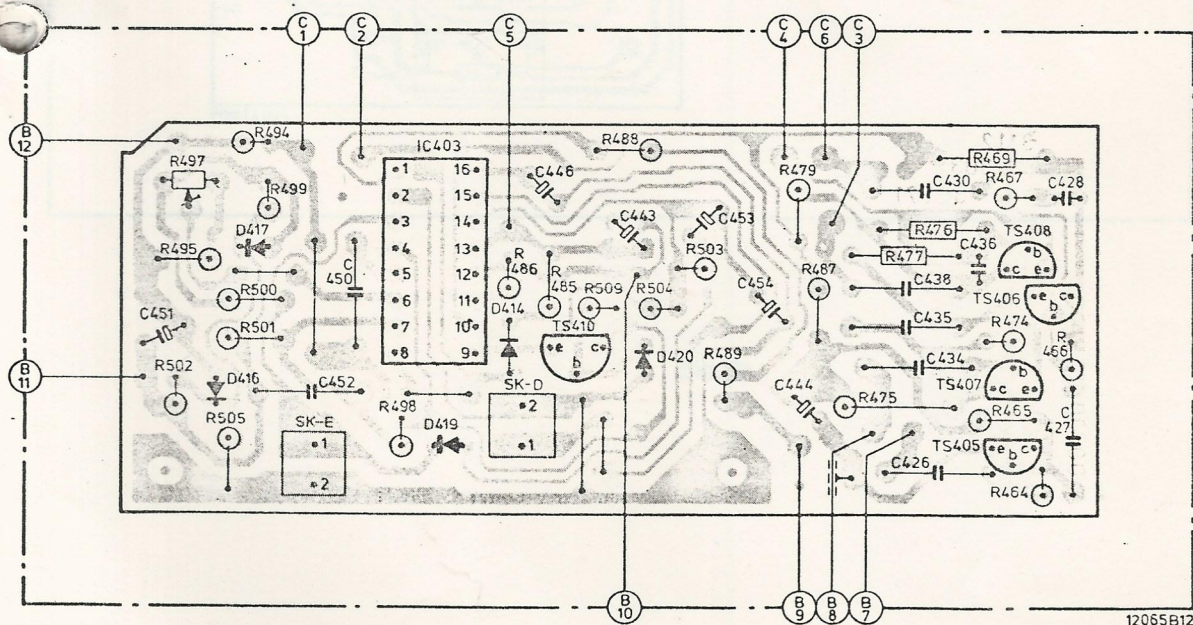
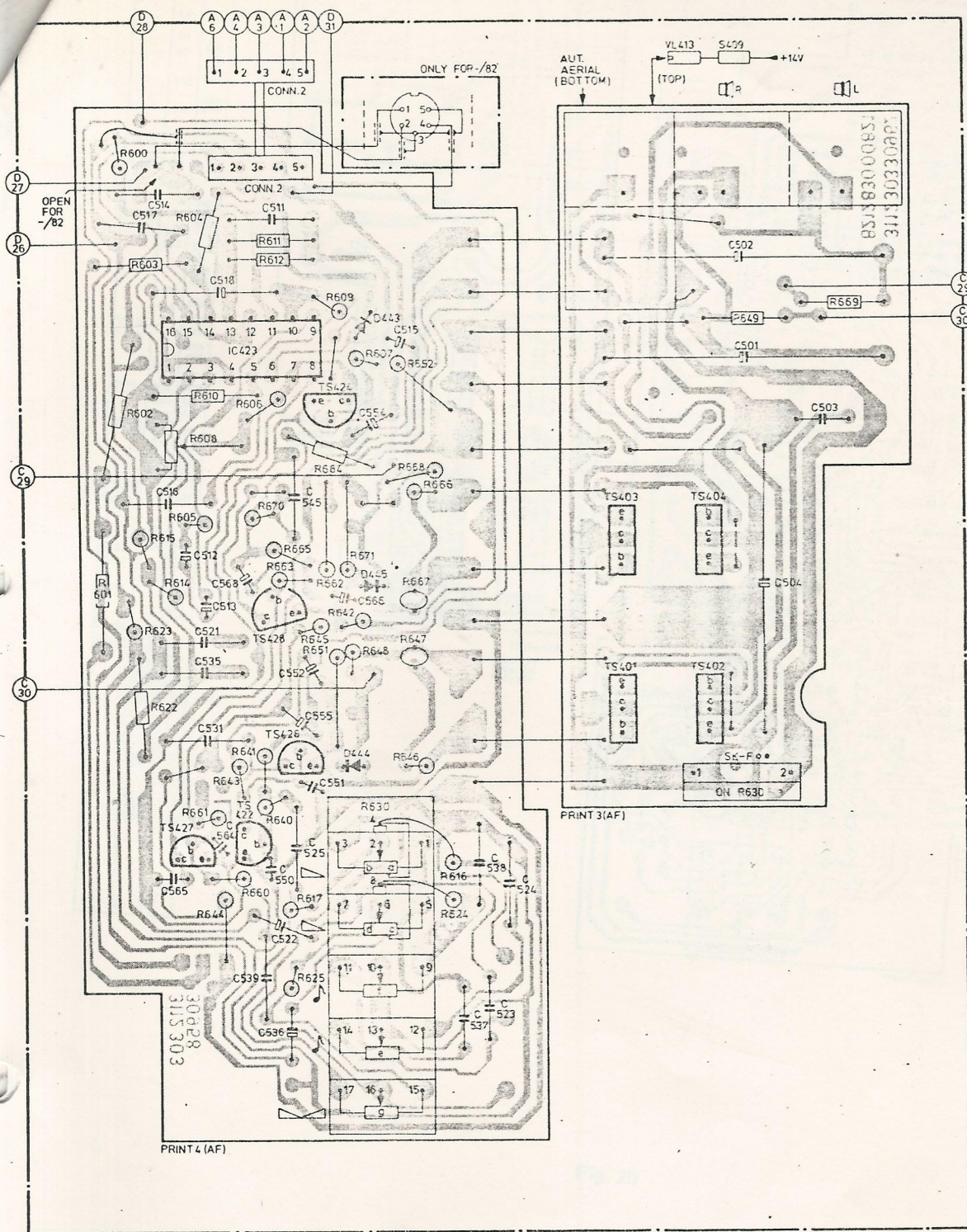


Fig. 1b



PRINT 3+4

R	C	MISC
		VL 413
		S409
		CONN2
600		
	514	
	511	
604	517	
611		
612	502	
603		
669	518	
609		
649		D443
607		IC423
652		
	515	
	501	
610		TS424
606		
602	554	
	503	
608		
664		
668		
666		
	516	
670	545	
605		TS403
615		TS404
665		
662	512	
671	568	D445
663	504	
614	566	
667	513	TS428
601	521	
642	552	
623	535	
648		TS401
647		TS402
651		
622	555	
641	531	TS426
643		D444
646	551	SK-F
		ON R63D
640		
661		TS422
630		TS427
616	564	
660	525	
644	538	
617	550	
624	565	
	524	
	522	
625	539	
	523	
	537	
	536	

12067D12

Fig. 2a



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PHILIPS