

Fig. 3.20. Power supply compartment with connection points for ext. 24 VDC power supply unit

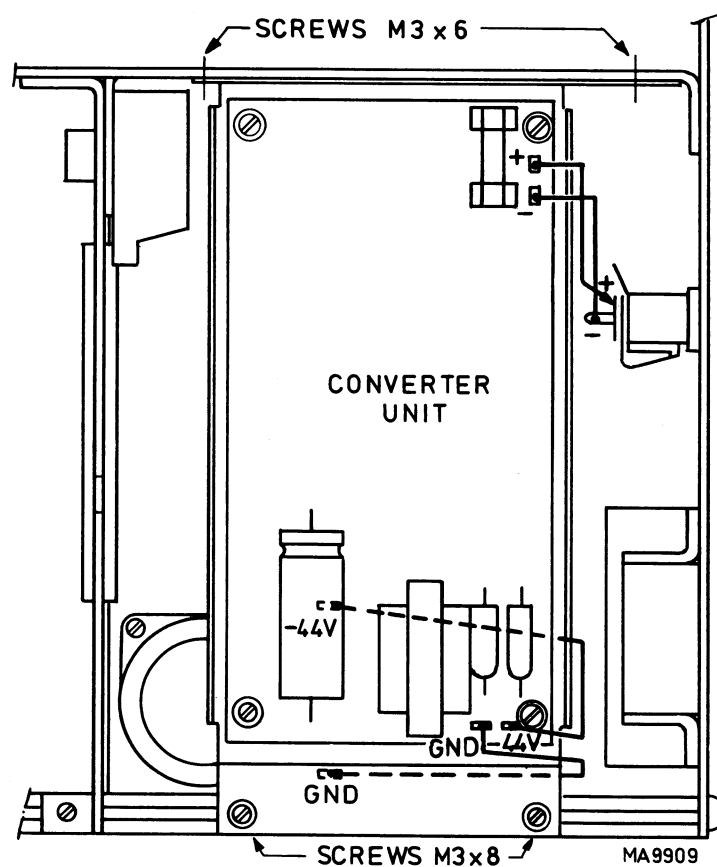


Fig. 3.21. Power supply compartment with ext. 24 VDC power supply unit installed

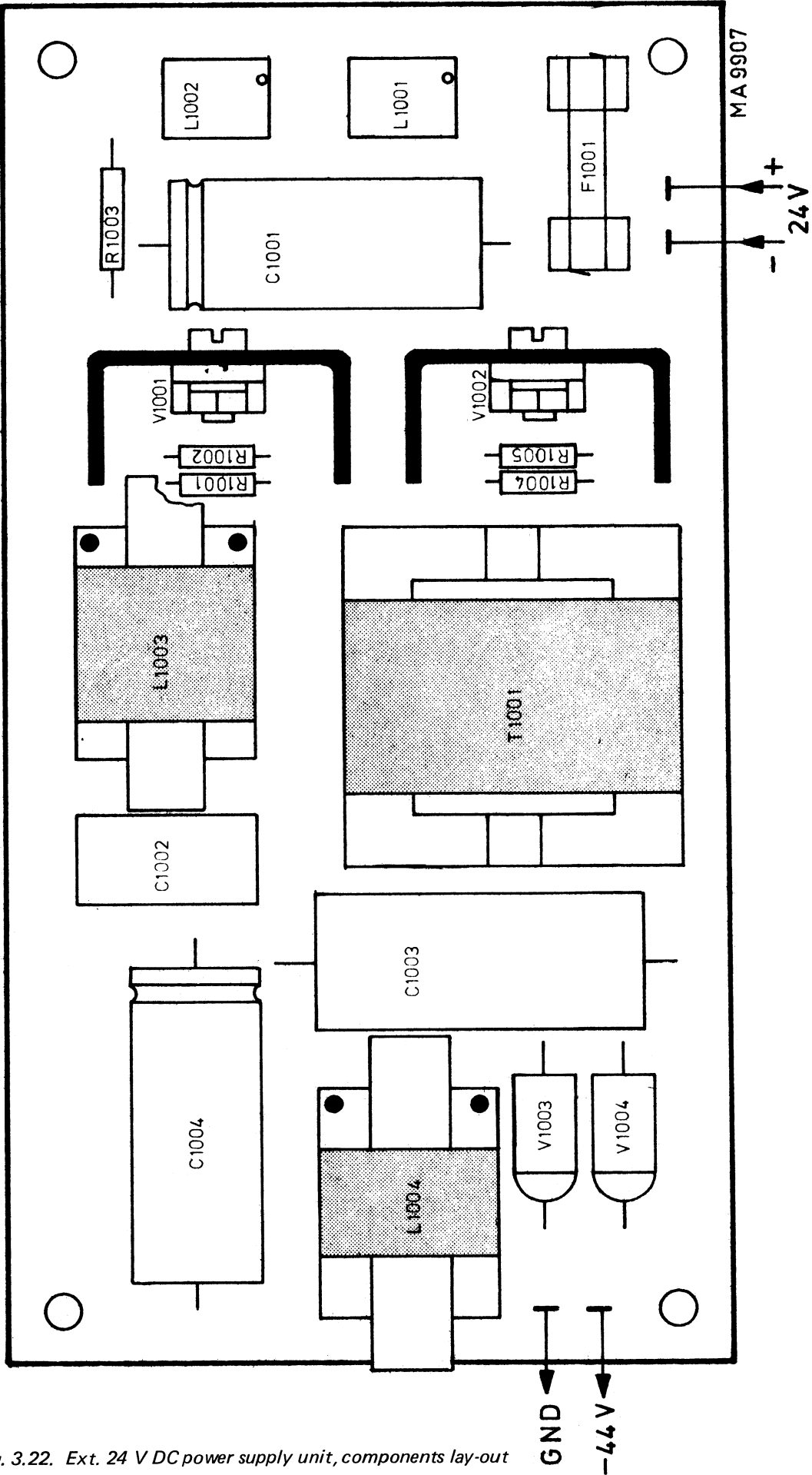
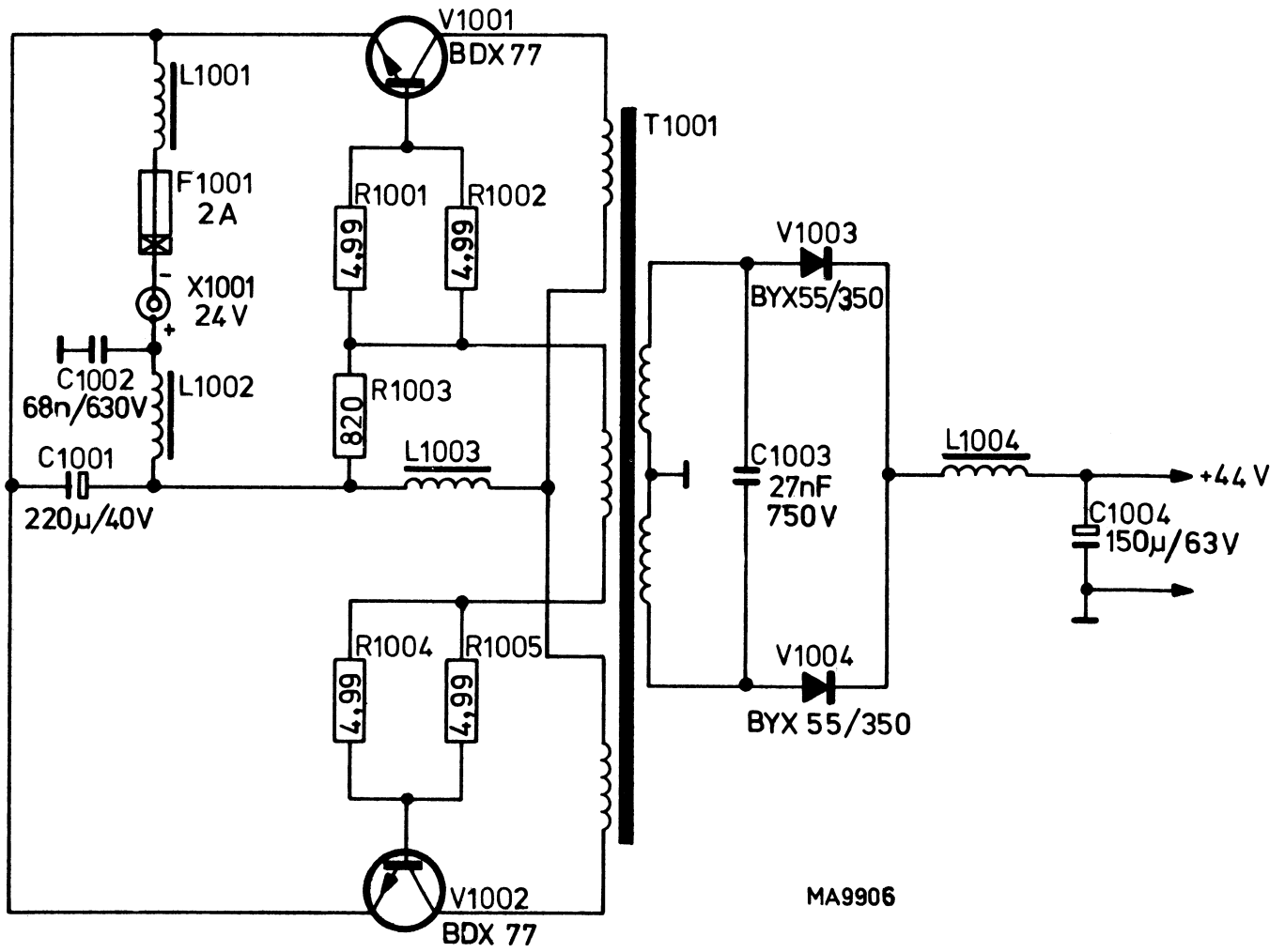


Fig. 3.22. Ext. 24 V DC power supply unit, components lay-out



MA9906

Fig. 3.23. Ext. 24 VDC power supply unit, circuit diagram

**CODING SYSTEM OF FAILURE REPORTING FOR QUALITY  
ASSESSMENT OF T & M INSTRUMENTS  
(excl. potentiometric recorders)**

The information contents of the coded failure description is necessary for our computerized processing of quality data.

Since the reporting of repair and maintenance routines must be complete and exact, we give you an example of a correctly filled-out PHILIPS SERVICE Job sheet.

①	②	③	④																																																																						
Country	Day Month Year	Typenumber /Version	Factory/Serial no.																																																																						
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Detailed description of the information to be entered in the various boxes:

① Country: 

3	2
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 = Switzerland

② Day Month Year 

1	5	0	4	7	5
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 = 15 April 1975

③ Type number/Version 

O	P	M	3	2	6	0	0	2
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 = Oscilloscope PM 3260, version 02 (in later oscilloscopes this number is placed in front of the serial no)

④ Factory/Serial number 

D	O	0	0	7	8	3
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 = DO 783 These data are mentioned on the type plate of the instrument

⑤ Nature of call: Enter a cross in the relevant box

⑥ Coded failure description

<p><b>Location</b></p> <table border="1" style="width: 100px; height: 20px; margin-bottom: 10px;"> <tr><td></td><td></td><td></td><td></td></tr> </table> <p>These four boxes are used to isolate the problem area. Write the code of the part in which the fault occurs, e.g. unit no or mechanical item no of this part (refer to 'PARTS LISTS' in the manual). Example: 0001 for Unit 1           000A for Unit A           0075 for item 75</p> <p>If units are not numbered, do not fill in the four boxes; see Example Job sheet.</p>					<p><b>Component/sequence no.</b></p> <table border="1" style="width: 120px; height: 20px; margin-bottom: 10px;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table> <p>These six boxes are intended to pinpoint the faulty component. A. Enter the component designation as used in the circuit diagram. If the designation is alfa-numeric, the letters must be written (starting from the left) in the two left-hand boxes and the figures must be written (in such a way that the last digit occupies the right-most box) in the four right-hand boxes. B. Parts not identified in the circuit diagram: 990000 Unknown/Not applicable 990001 Cabinet or rack (text plate, emblem, grip, rail, graticule, etc.) 990002 Knob (incl. dial knob, cap, etc.) 990003 Probe (only if attached to instrument) 990004 Leads and associated plugs 990005 Holder (valve, transistor, fuse, board, etc.) 990006 Complete unit (p.w. board, h.t. unit, etc.) 990007 Accessory (only those without type number) 990008 Documentation (manual, supplement, etc.) 990009 Foreign object 990099 Miscellaneous</p>							<p><b>Category</b></p> <table border="1" style="width: 40px; height: 20px; margin-bottom: 10px;"> <tr><td></td></tr> </table> <p>0 Unknown, not applicable (fault not present, intermittent or disappeared) 1 Software error 2 Readjustment 3 Electrical repair (wiring, solder joint, etc.) 4 Mechanical repair (polishing, filing, remachining, etc.) 5 Replacement (of transistor, resistor, etc.) 6 Cleaning and/or lubrication 7 Operator error 8 Missing items (on pre-sale test) 9 Environmental requirements are not met</p>	

⑦ Job completed: Enter a cross when the job has been completed.

⑧ Working time: Enter the total number of working hours spent in connection with the job (excluding travelling waiting time, etc.), using the last box for tenths of hours.

		1	2
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 = 1,2 working hours (1 h 12 min.)