

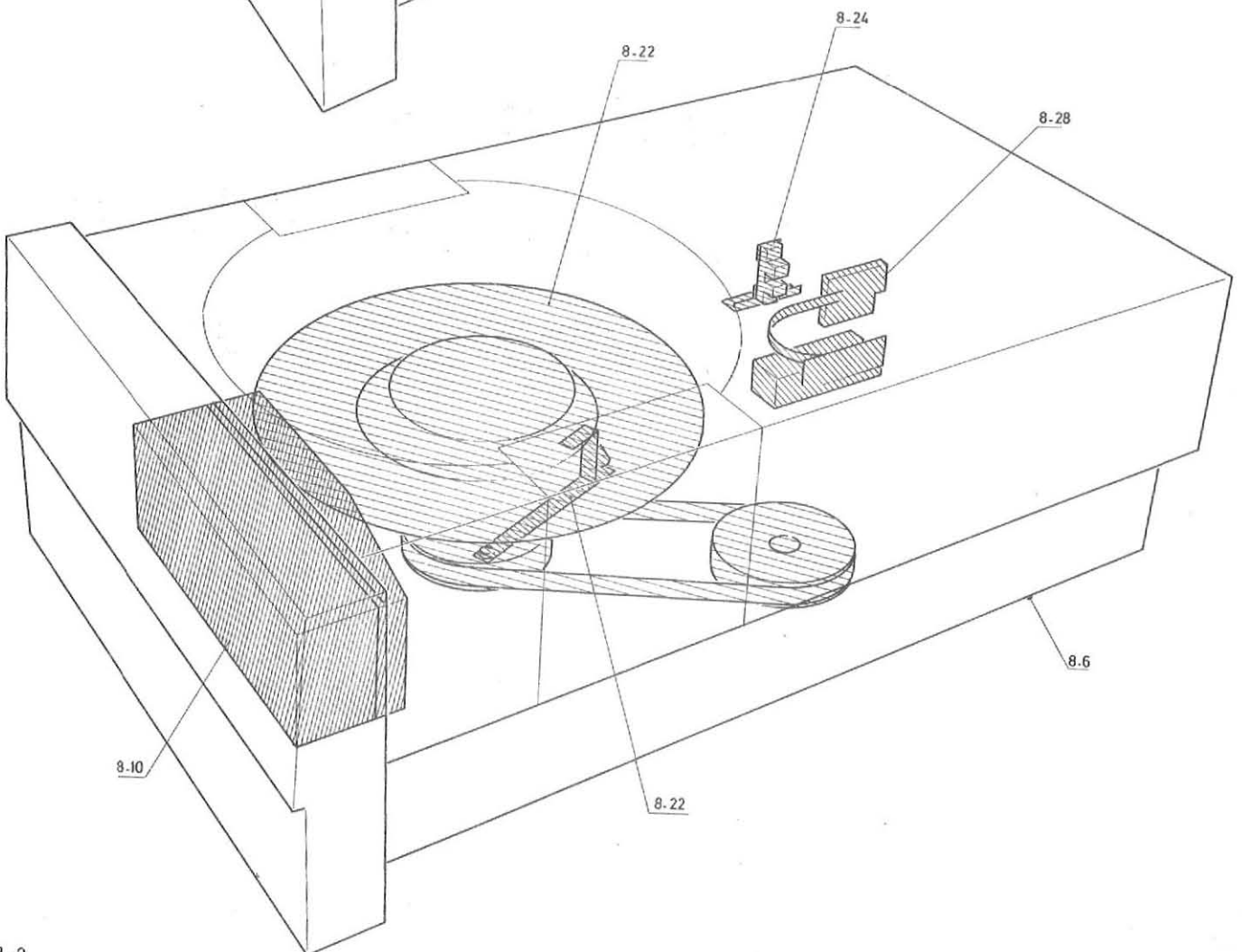
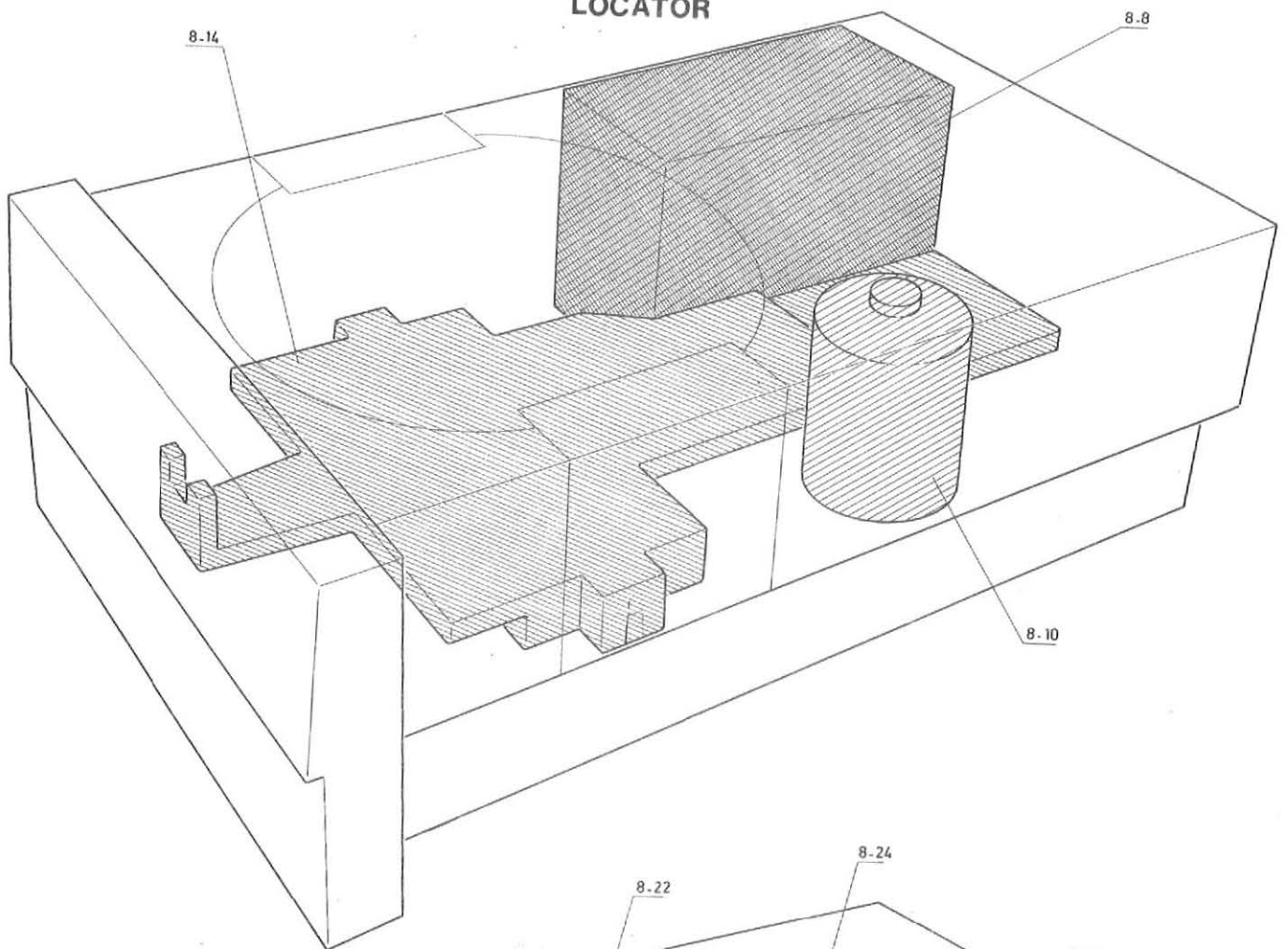
X1215/16 (ABOVE SERIAL NUMBER 2000)

Cartridge Disk Drive Unit
Vol. VIII: Parts List

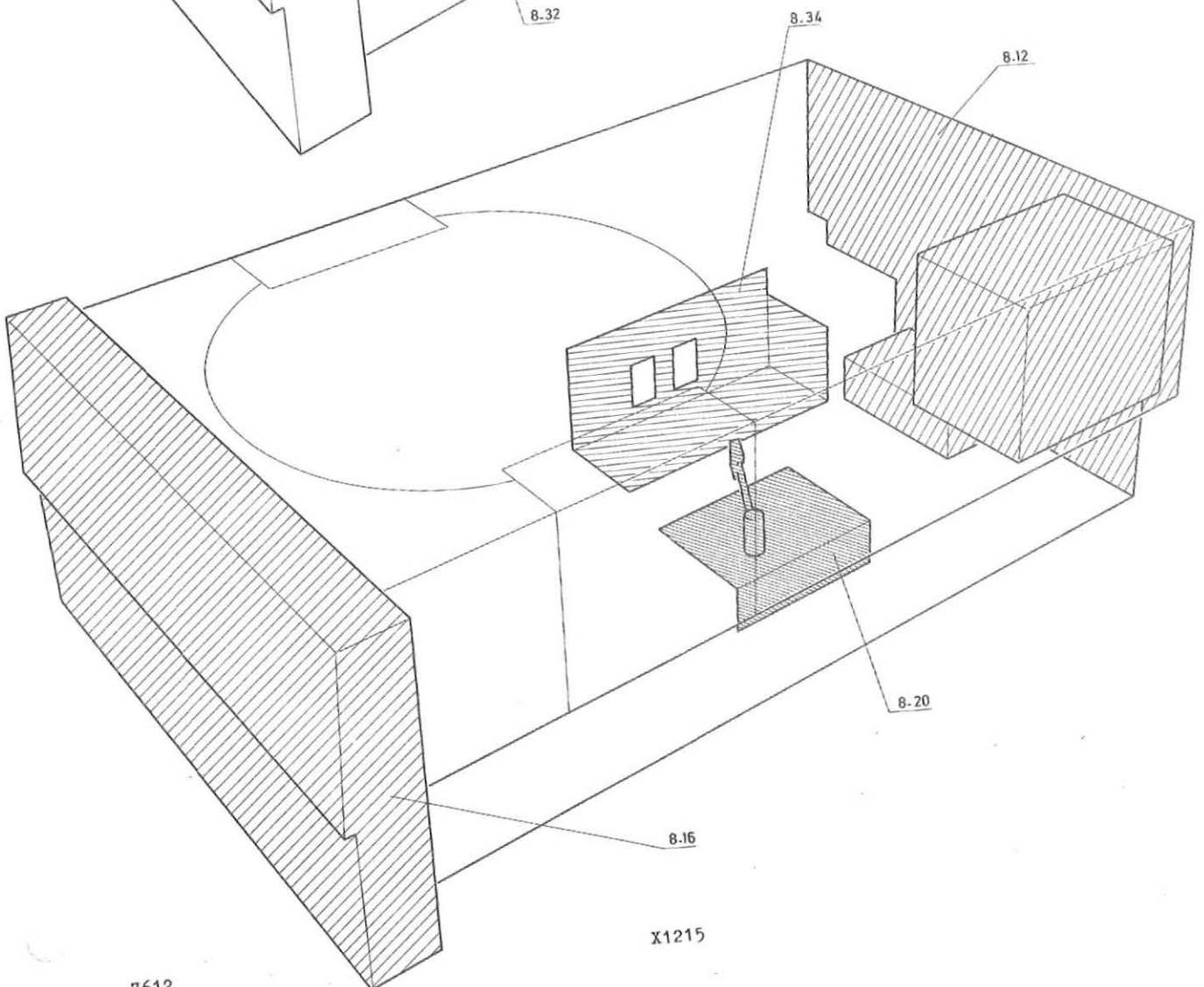
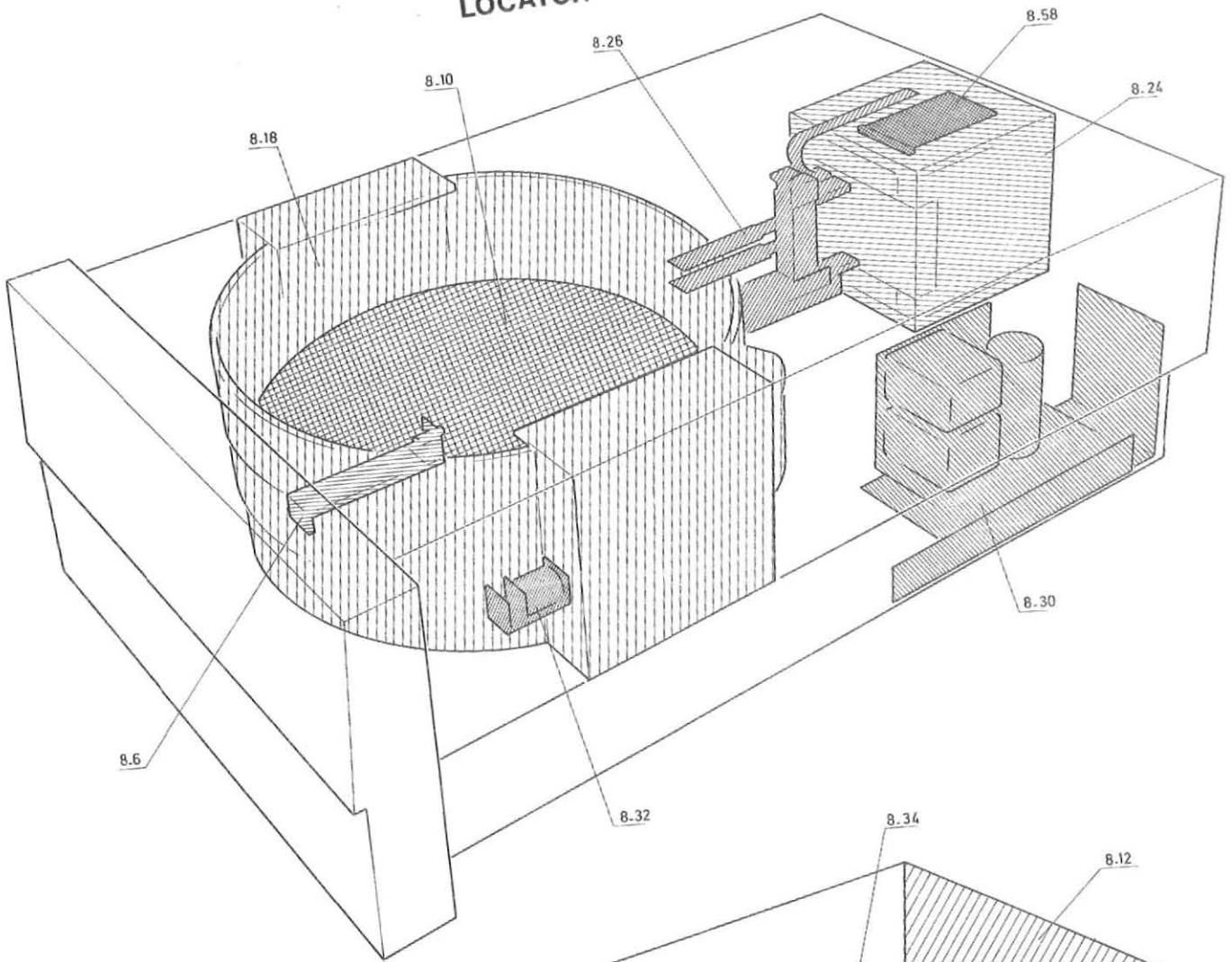


**Data
Systems**

LOCATOR

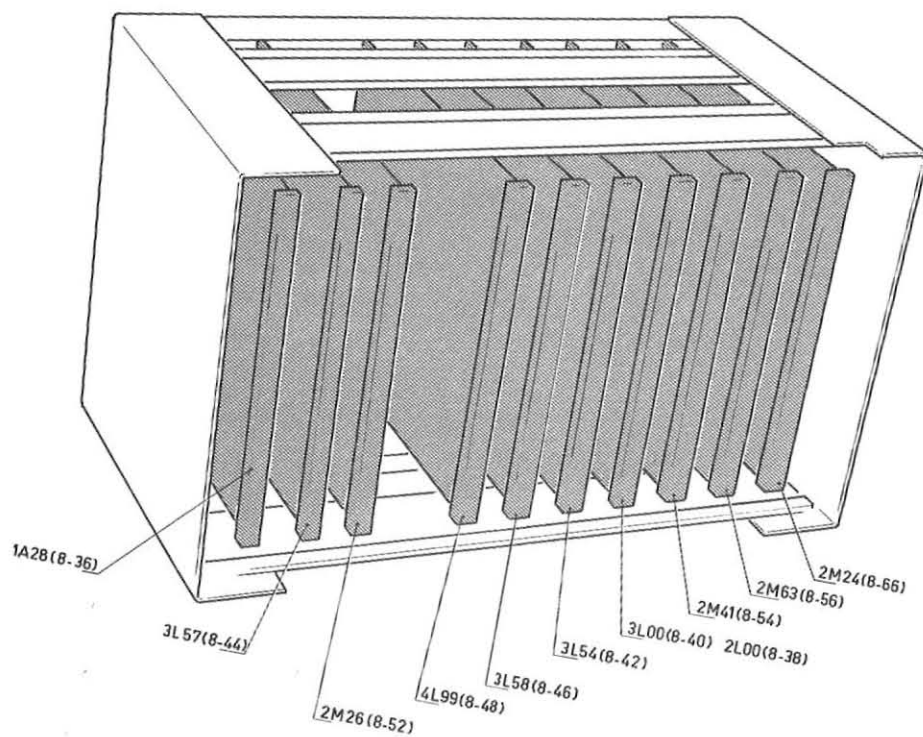
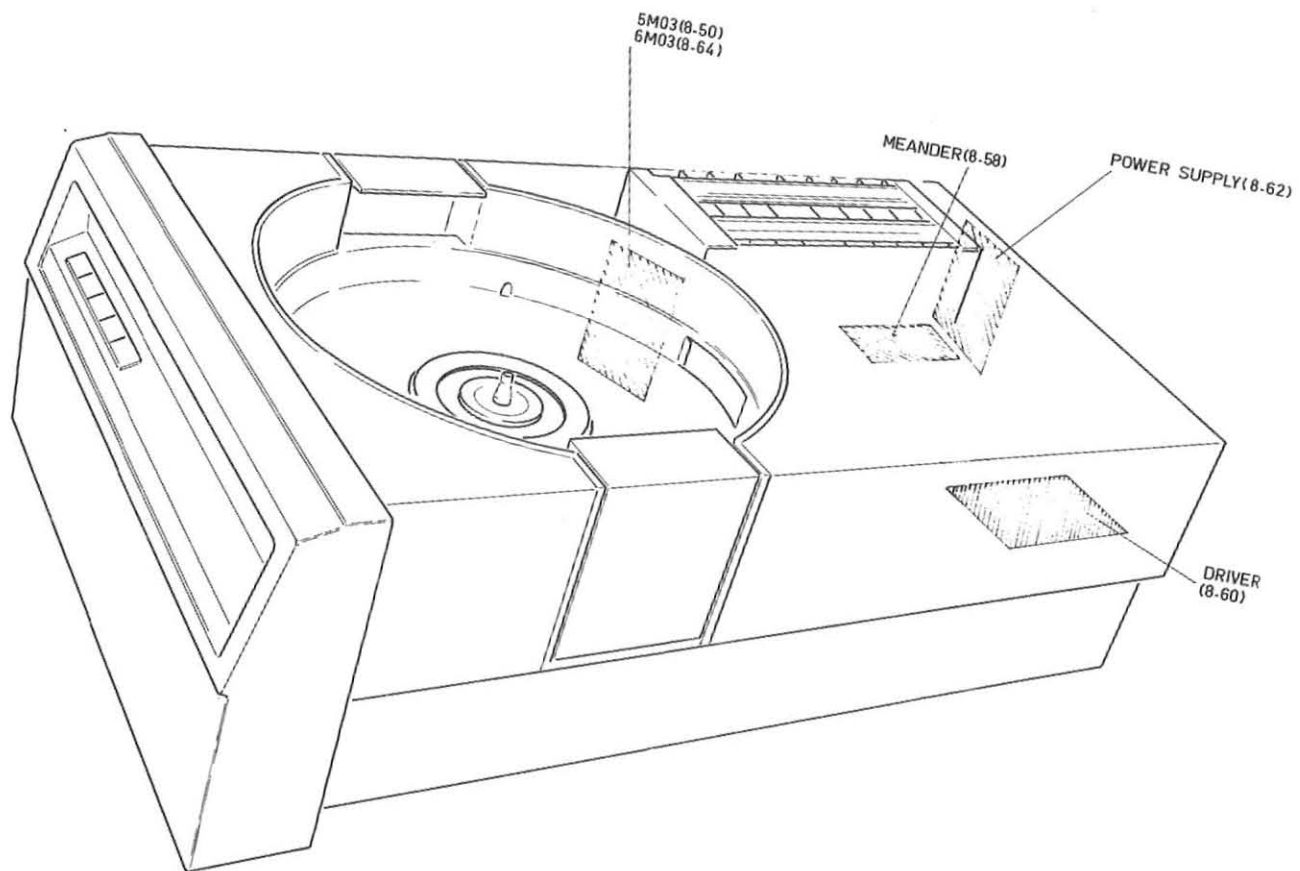


LOCATOR



X1215

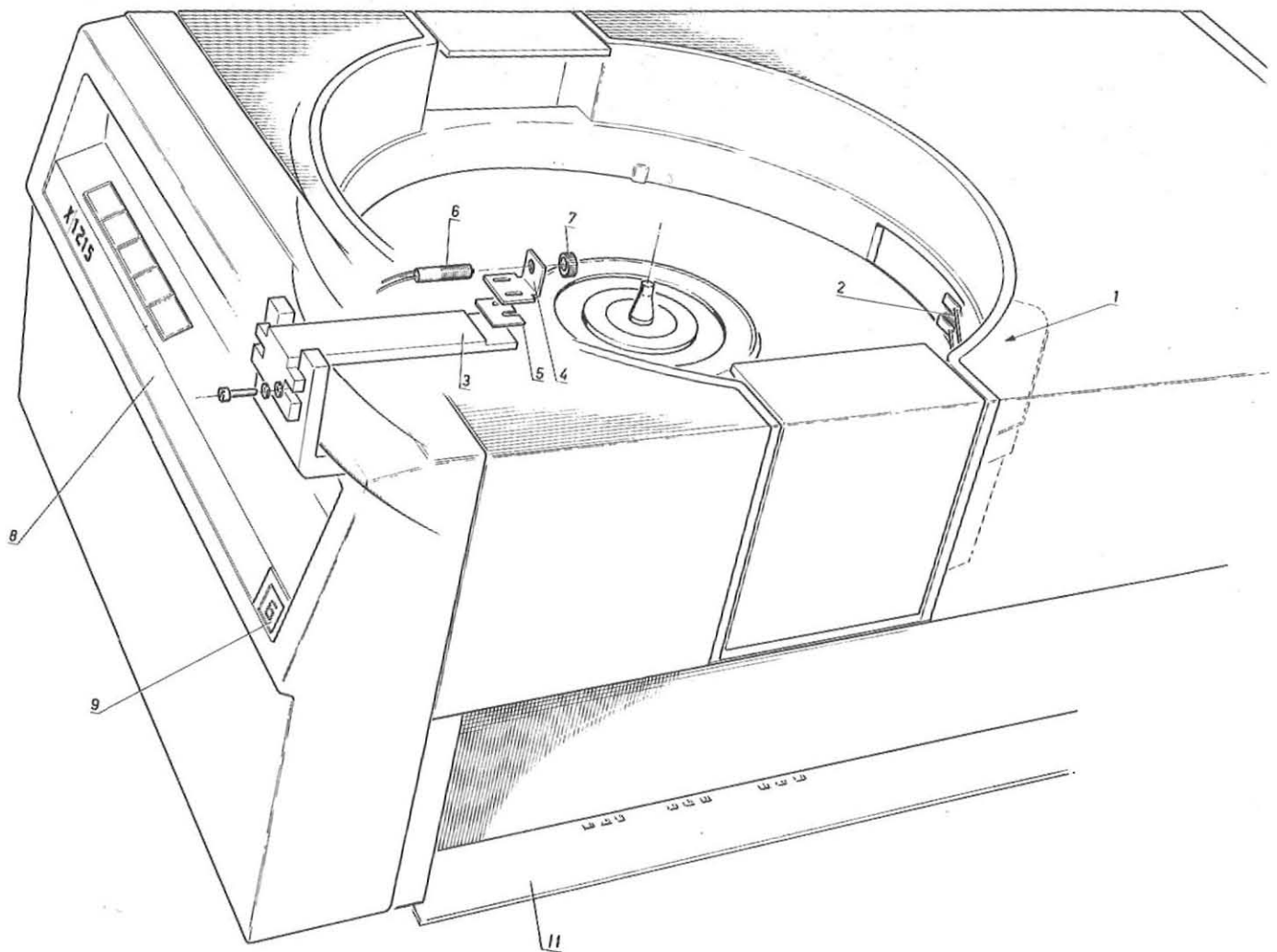
CARD LOCATOR



X1215

CARD LOCATOR

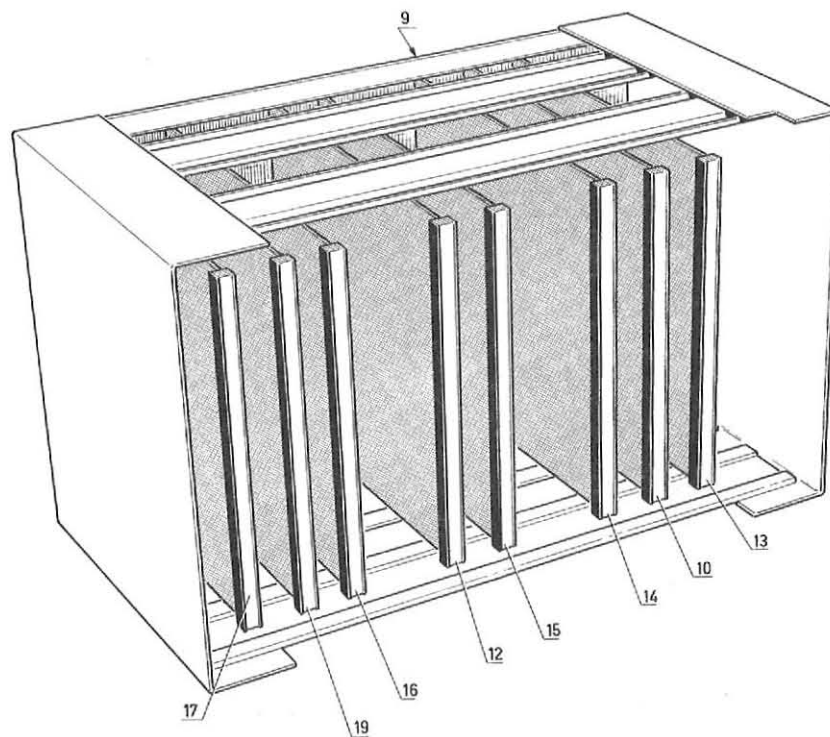
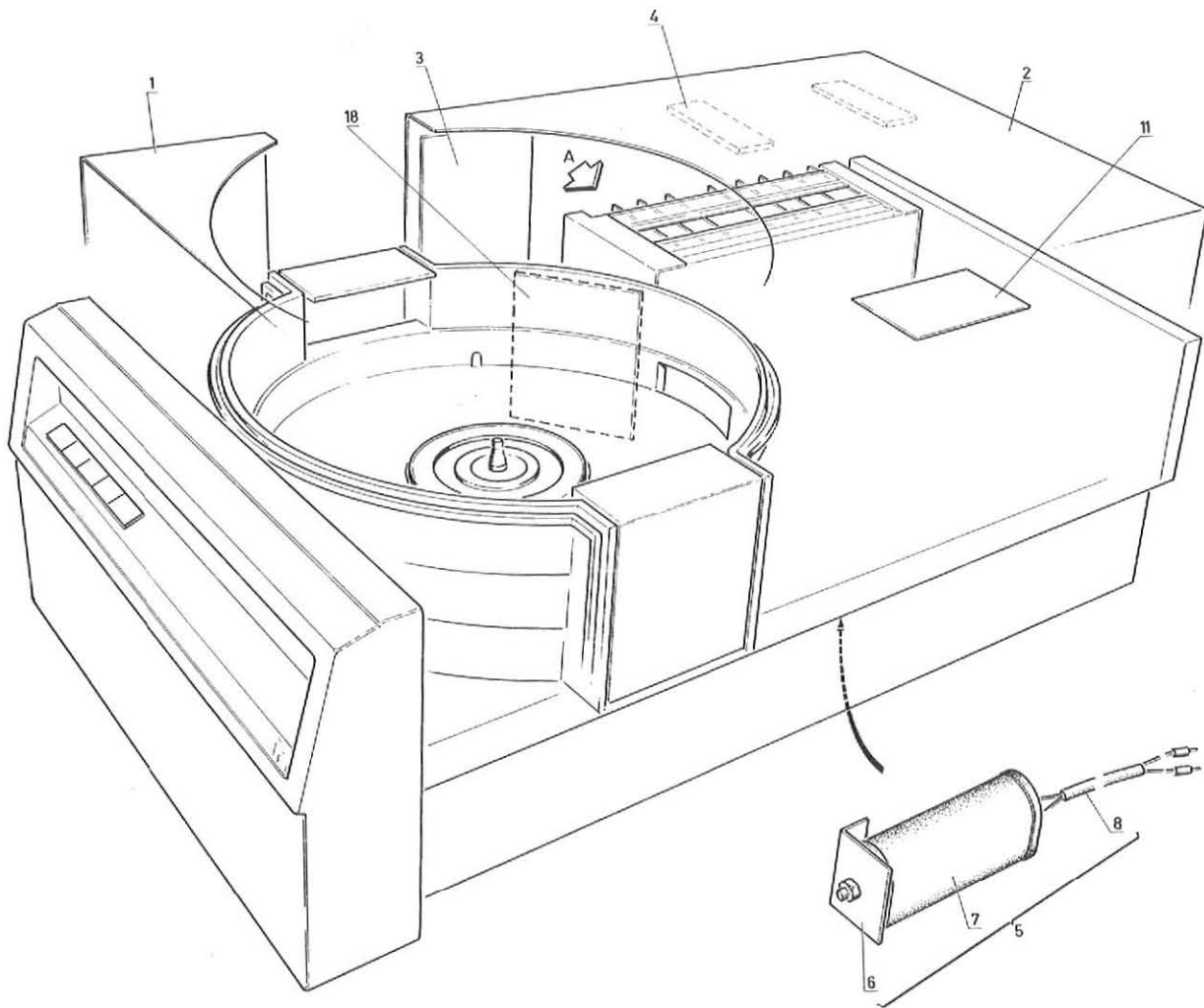
PCBA	Part number	Description	PAGE
1A28	5322 216 24961	Power Amplifier X1215-1216	8-36
2L00	5322 216 24495	Interface Card X1215-1216	8-38
3L00	5322 216 24653	Interface Card X1215-1216	8-40
3L54	5322 216 24592	Fault Indicator X1215-1216	8-42
3L57	5322 216 24958	Start Stop X1215-1216	8-44
3L58	5322 216 24957	Control Unsafe Position X1215-1216	8-46
4L99	5322 216	Decrement Counter X1215-1216	8-48
5M03	5322 216 25017	Read Write X1215	8-50
2M26	5322 216 24959	Servo Electronic X1215-1216	8-52
2M41	5322 216 25018	Dust Bin Card X1215-1216	8-54
2M63	5322 216 24913	Read Recovery X1215-1216	8-56
MEANDER	5322 216 24482	MEANDER X1215-1216	8-58
1M87	5322 216 24485	Driver X1215-1216	8-60
P.S.	5322 216 24496	Power Supply X1215-1216	8-62
6M03	5322 216 24955	Read Write X1216	8-64
2M24	5322 216 24956	Limiter Amplifier Temp. X1216	8-66



FINAL ASSEMBLY

Item nr	Part number	Description	Qty. per ass'y
A		Final assembly (X1215U)	1
B		Main assembly	1
1B	5322 361 24035	Cleaning mechanism assembly *	1
2B	5322 474 34007	Brush shaft assembly	1
3B		Bracket for index p.u.	1
4B		Support for index p.u.	1
5B	5322 466 85379	Spacer	8
6B	5322 321 24497	Pick up assembly	1
7B	5322 505 14199	Lock nut	1
8B	5322 456 34173	Ornamental strip	1
9B		Number plate (10 plates, 9 numbers and one without number)	1
10B		Type and mod. plate	1
11B		Bottom Plate	1
* for more details see cleaning mechanism, page			

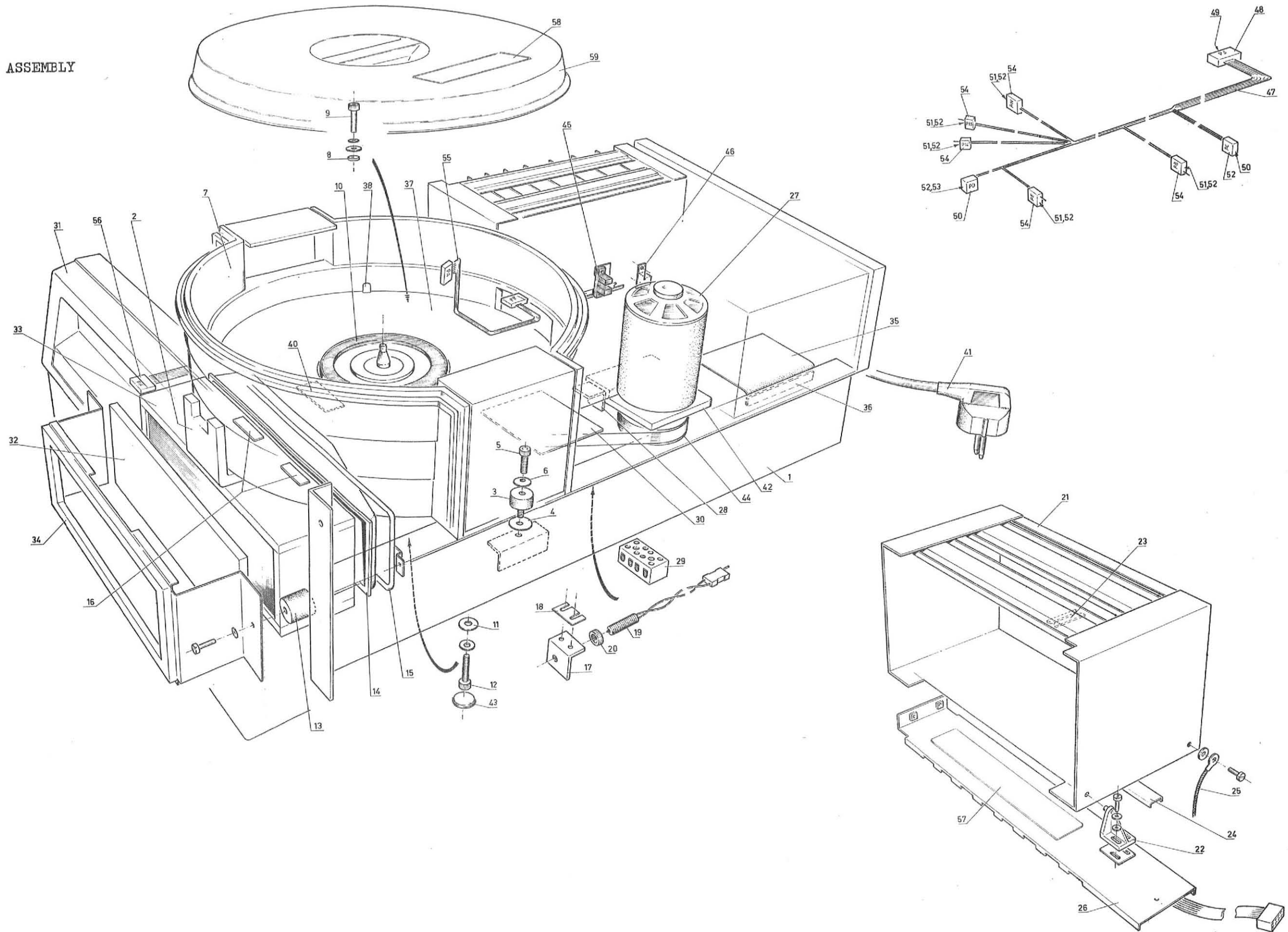
MAIN ASSEMBLY



MAIN ASSEMBLY

Item nr	Part number	Description	Qty. per ass'y
A		Final assembly	1
B		Main assembly	1
1C	5322 447 84396	Front cover	1
2C	5322 447 84533	Rear cover	1
3C		Plate	2
4C		Foam rubber	1
5C		Capacitor assembly	1
6D		Bracket	1
7D		Capacitor	1
8D		Cable harness	1
9C	5322 263 74103	Board rear	1
10C	5322 216 25018	PCBA, 2M41	1
11C	5322 216 24482	PCBA, Meander	1
12C	5322 216 24694	PCBA, 4L99	1
13C	5322 216 24913	PCBA, 2M63	1
14C	5322 216 24495	PCBA, 2L00	1
15C	5322 216 24957	PCBA, 3L58	1
16C	5322 216 24959	PCBA, 2M26	1
17C	5322 216 24961	PCBA, 1A28	1
18C	5322 216 25017	PCBA, 5M03	1
19C	5322 216 24958	PCBA, 3L57	1

SUB-MAIN ASSEMBLY

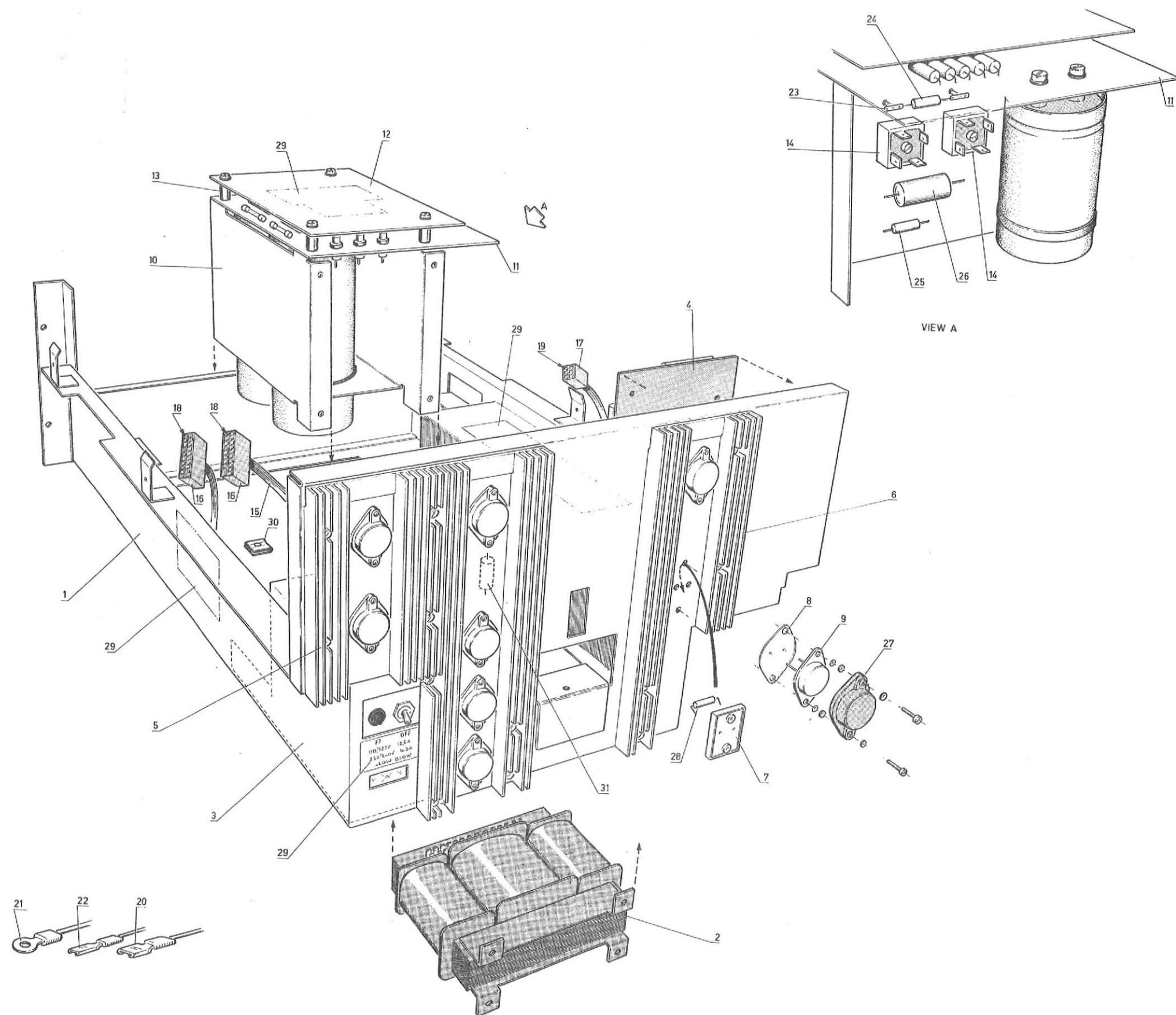


X1215

SUB- MAIN ASSEMBLY

Item nr	Part number	Description	Qty. per ass'y
A		Final assembly	1
B		Main assembly	1
C		Sub assembly X1215U	1
1D		Frame assembly *	1
2D		Deck assembly *	1
3D		Buffer	2
4D	5322 532 14503	Spacer	12
5D		Socket screw M6x20	2
6D		Disc spring (Washer)	4
7D	5322 693 24035	Cartridge holder *	1
8D		Spacer	3
9D		Socket screw M6x12	3
10D	5322 522 34472	Spindle assembly *	1
11D	5322 532 14531	Spacer (between spindle assy and deck assy)	6
12D		Socket screw M6x25	3
13D		Spacer	2
14D		Intake house assy	1
15D		Pressure window	1
16D		Rubber strip	2
17D		Mounting bracket	1
18D	5322 466 85338	Spacer	3
19D	5322 321 24497	Pick up assy	1
20D	5322 505 14199	Lock nut	1
21D		Electronic box	1
22D	5322 466 94417	Hinge block	2
23D	5322 462 30151	Card guide	40
24D		Relief bracket	1
25D		Earth cable	1
26D		Plate	1
27D	5322 361 24097	Motor assembly	1
-E		Motor	1
28D		Bracket	1
29D	5322 290 64111	Connecting block 4P.	1
30D		Sheet	1
31D	5322 447 84534	Front assy (wired) *	1
32D		Front filter	1
33D	5322 480 54015	Air filter	1
34D		Pressure window	1
35D		Melinex sheet	1
36D		Strip	1
37D		Bottom assembly	1
38D		Lock	1
-D		Lock (small)	3
40D		Plate	1
41D	5322 321 14049	Main cable assy	1
42D		Motor mounting plate	1
43D		Stop	2
44D		Pulley (for details see spindle assy)	1
45D	5322 218 74395	Index unit assy *	
46D	5322 405 46154	Vane (mounted on carriage)	1
47D		Cable assy	1
48E		Connecting block 20p.	1
49E	5322 268 24041	Bus contact	18
50E		Connecting block 6p.	2
51E	5322 268 14055	Pen contact	4
52E	5322 268 24058	Bus contact	14
53E	5322 462 44161	Pos-key	4
54E		Connector-house	5
55D		Cable assy	1
56D		Cable assy	1
57D		Sticker	1
58D	5122 290 23770	Dust cover assy	
59E	5122 200 73730	Dust cover	
59E	5122 200 74030	Sticker	
* for details see next pages.			

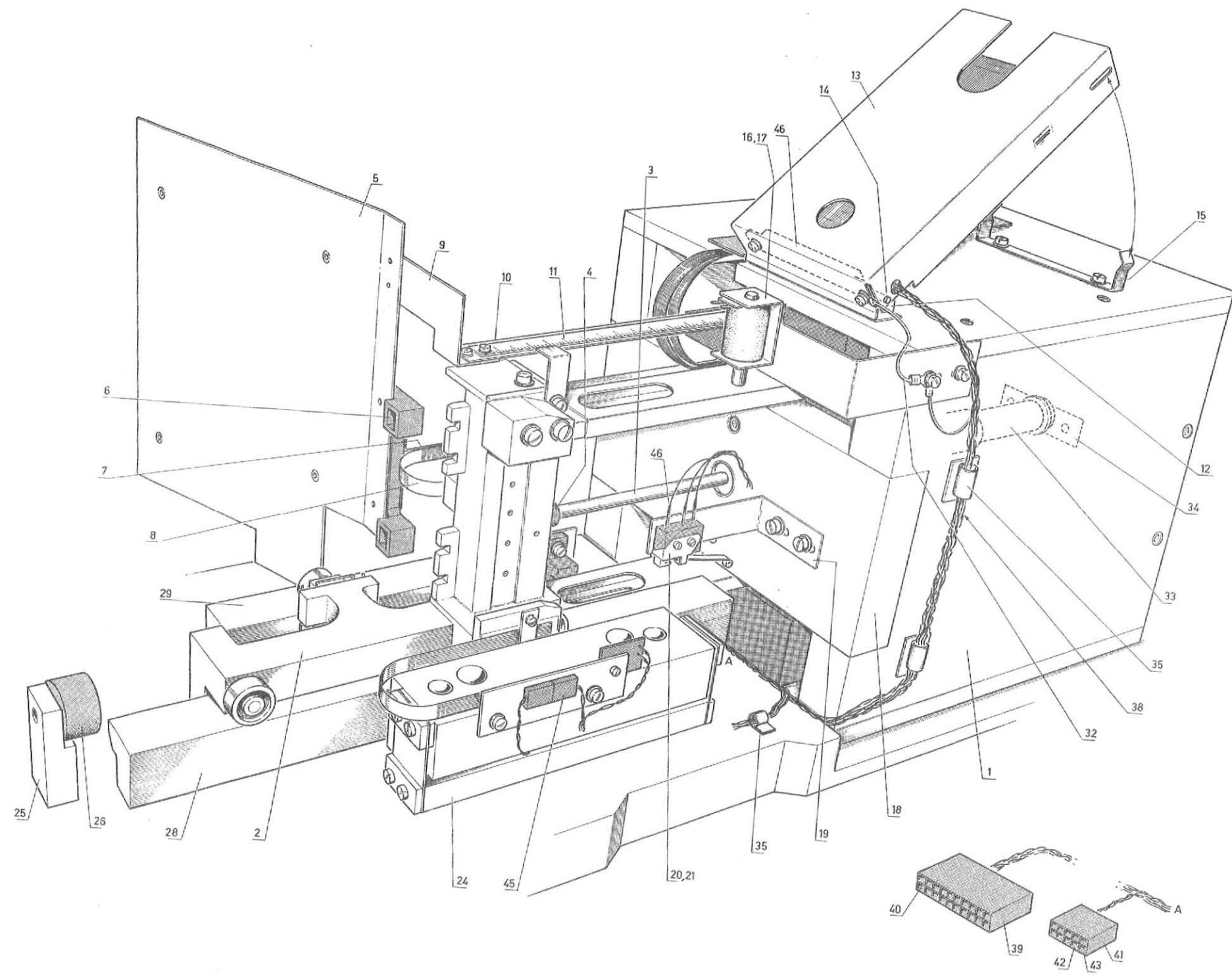
FRAME



FRAME

Item nr	Part number	Description	Qty. per ass'y
A		Final assembly	1
B		Main assembly	1
C		Sub assy X1215U	1
D		Frame assy	1
1E		Frame	1
2E	5322 146 14096	Transformer	1
3E		Switching unit	1
4E	5322 216 24496	Power supply card	1
5E		Heatsink, 1	1
6E		Heatsink, 2	1
7E	5322 255 40085	Trans mounting plate	8
8E		Mica plate	8
9E		Transistor 2N3442	8
10E		Bracket	1
11E	5322 216 24485	Driver card	1
12E		180 Insulating plate	1
13E		Spacer	4
14E		Bridge rectifier PB20	2
15E		Cable, back plate	1
16F		Connector block, 20 pos	2
17F		Connector block 6 pos	1
18F	5322 268 24041	Socket contact	38
19F	5322 268 24058	Socket contact	6
20F		Cable tag	10
21F		Cable tag (eye)	5
22F		Cable tag	2
23E		Mounting support	5
24E		Diode BYX 36-600	1
25E	4822 112 21081	Wire wound resistor 100E 5%	1
26E	5322 124 24123	Elco 100 μ F 63V	1
27E	5322 462 44172	Insulating cap, T03	8
28E	5322 116 50484	Resistor 4K64 1%	4
29E		Identification label	1
30E		Speed nut	10
31E		Wire wound resistor	1

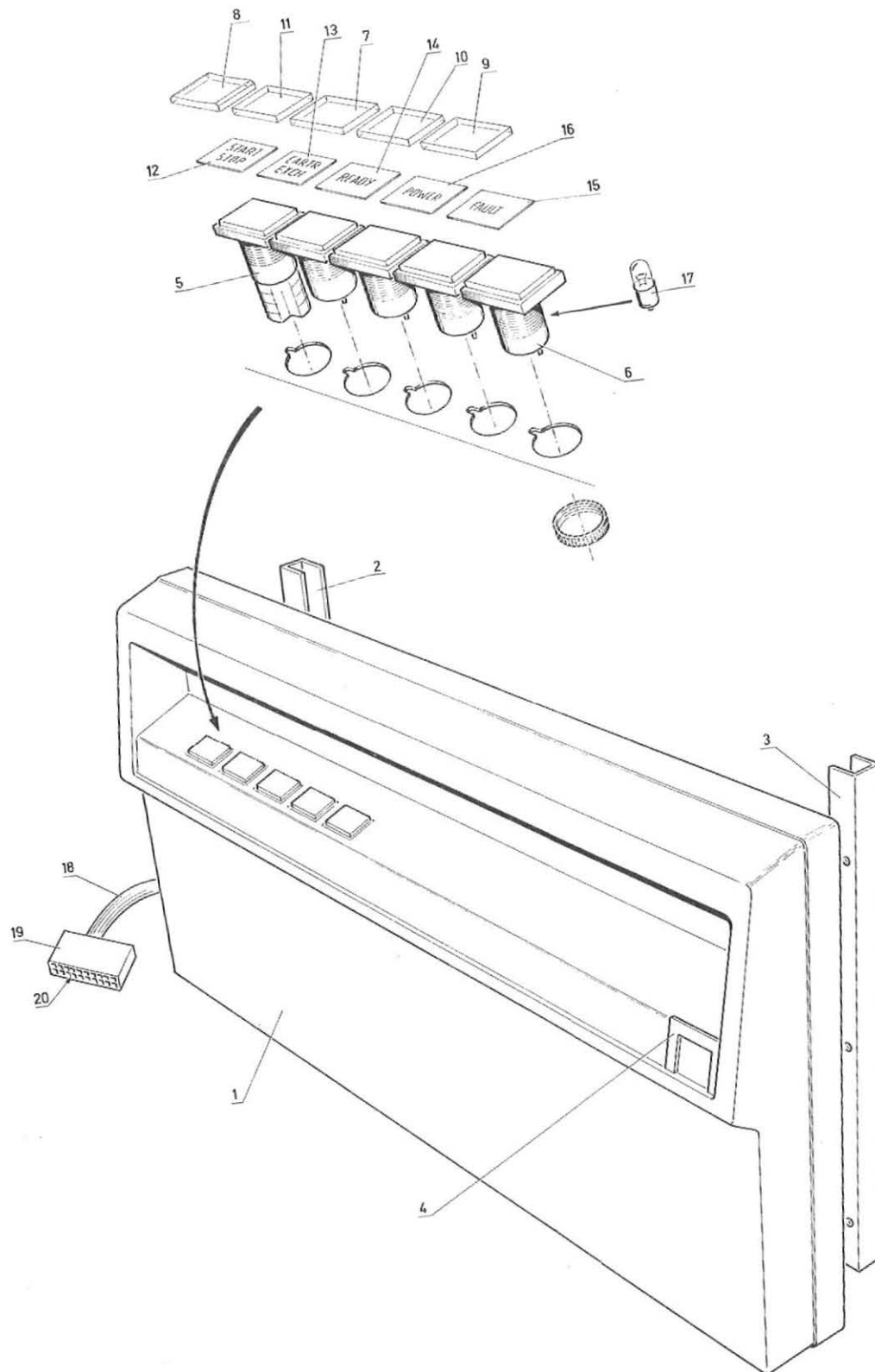
DECK ASSEMBLY



DECK ASSEMBLY

Item nr	Part number	Description	Qty. per assy
A		Final assembly	1
B		Main assembly	1
C		Sub assy X1215U	1
D		Deck assembly	1
1E		Magnet house assy	1
2E	5322 691 64238	Carriage assy	1
3E		Magnet core	1
4E	5322 532 64177	Buffer carriage, blackside	1
5E		Plate	1
6E		Clamp	1
7E		Bracket	1
8E	5322 466 85256	Earth strip assy	1
9E		Bracket	1
10E		Strip	1
11E		Reading rule	1
12E		Hing bracket	1
13E		Meander housing	1
14E		Shaft	1
15E	5322 492 64515	Spring	1
16E		Bracket	1
17E	5322 281 54027	Magnet	1
18E		Front plate	1
19E		Bracket	1
20E	5322 271 30025	Micro switch	1
21E	5322 401 14045	Micro switch lever	1
23E	5322 401 14129	Cable clamp	2
24E	5322 218 84068	Sec. meander transfer	1
25E		Block	1
26E	5322 532 64176	Buffer carriage, front side	1
27E		Ground plate	1
28E		Guide rule, long	1
29E		Guide rule, short	1
30E		Clamping block	1
31E		Closing plate	1
32E		Earth cable	1
33E		Coil	1
34E		Plate	1
35E		Cable clamp	1
38E		Cable tree	1
39F		Connector block 20 pins	1
40F	5322 268 24041	Socket connector	18
41F		Connector block 10 pins	1
42F	5322 268 24058	Socket connector	10
43F	5322 462 44161	Key, position	3
44F	5322 267 34023	Socket connector	5
45F		Connector block 6 pins	1
46F	5322 267 50096	Print wired connector 2x10 pins	1
47D	5322 325 64067	Tule	1
48D		Compensation rod	1
49D	5322 532 64149	Ring	1
50C	5322 216 24482	PCBA, Meander	1

FRONT

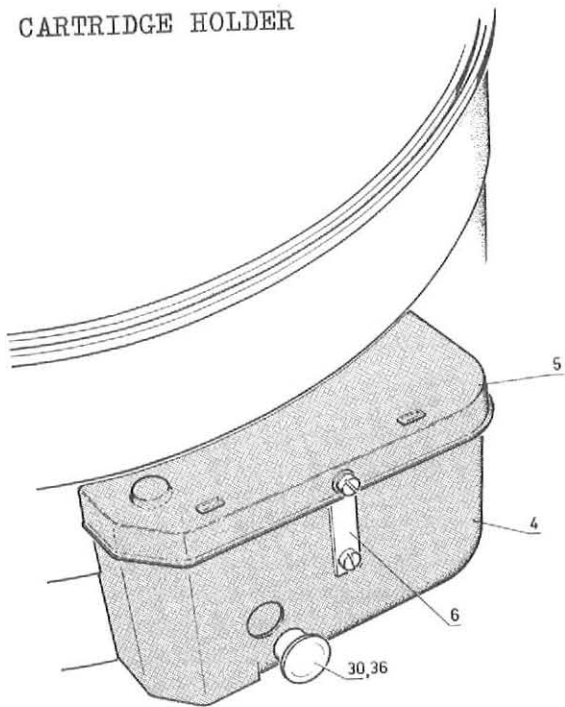


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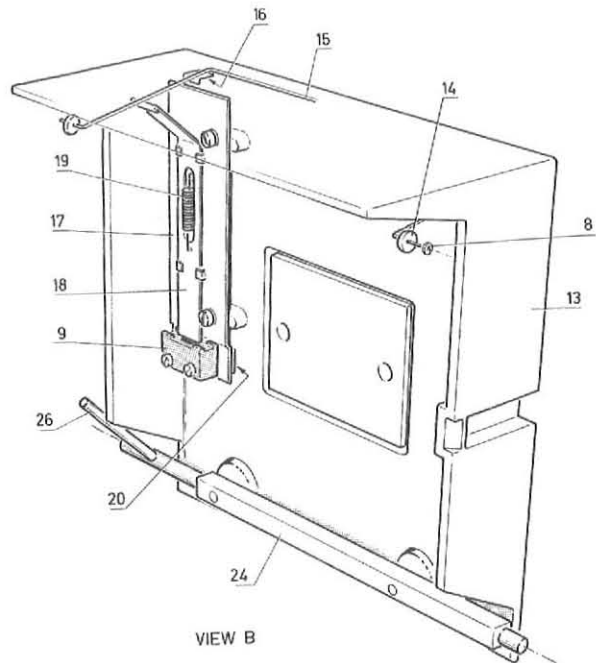
X1215

Item nr	Part number	Description	Qty. per ass'y
A		Final assembly	1
B		Main assembly	1
C		Sub assembly	1
D	5322 447 84534	Front, wired	1
1E		Front	1
2E		Fixing beam, left	1
3E		Fixing beam, right	1
4E	5322 459 14064	Holder	1
5E	5322 276 14172	Push button, switch	1
6E	5322 255 24022	Lamp holder	4
7E	5322 381 14154	Lens cap, 31-903, transparant	1
8E	5322 381 14157	Lens cap, 31-904, transparant	1
9E	5322 381 14155	Lens cap, 31-903, red	1
10E	5322 381 14163	Lens cap, 31-903, yellow	1
11E	5322 381 14156	Lens cap, 31-903, green	1
12E	5322 459 14059	Text film, start-stop	1
13E	5322 456 34035	Text film, cartr. - exch	1
14E	5322 456 34039	Text film, ready	1
15E	5322 456 34036	Text film, fault	1
16E	5322 456 34038	Text film, power	1
17E		lamp, type 386, 14V-80mA	5
18E		Cableform, front	1
19F		Connector block 20pos.	1
20F	5322 268 14055	Pin contact	18

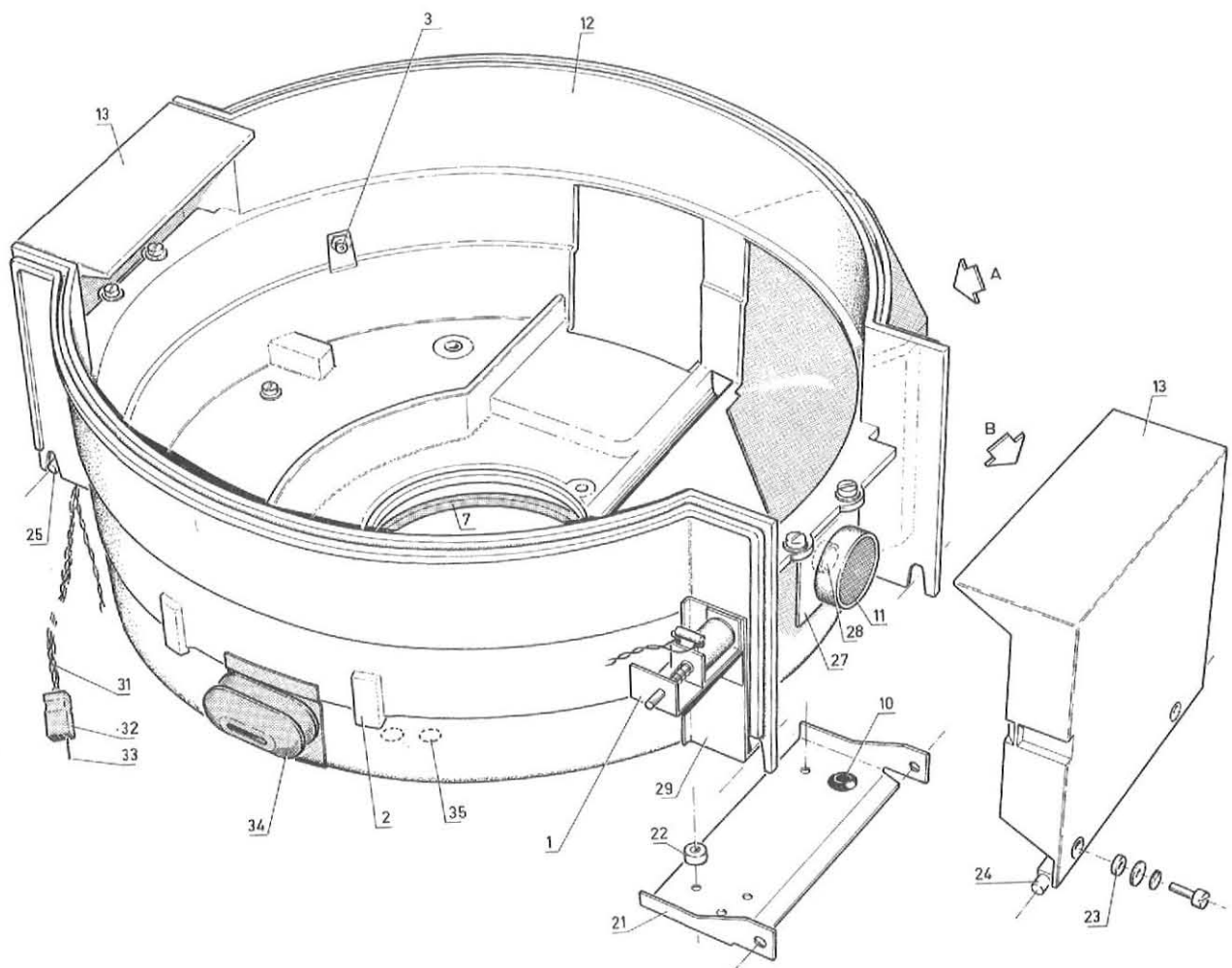
CARTRIDGE HOLDER



VIEW A



VIEW B

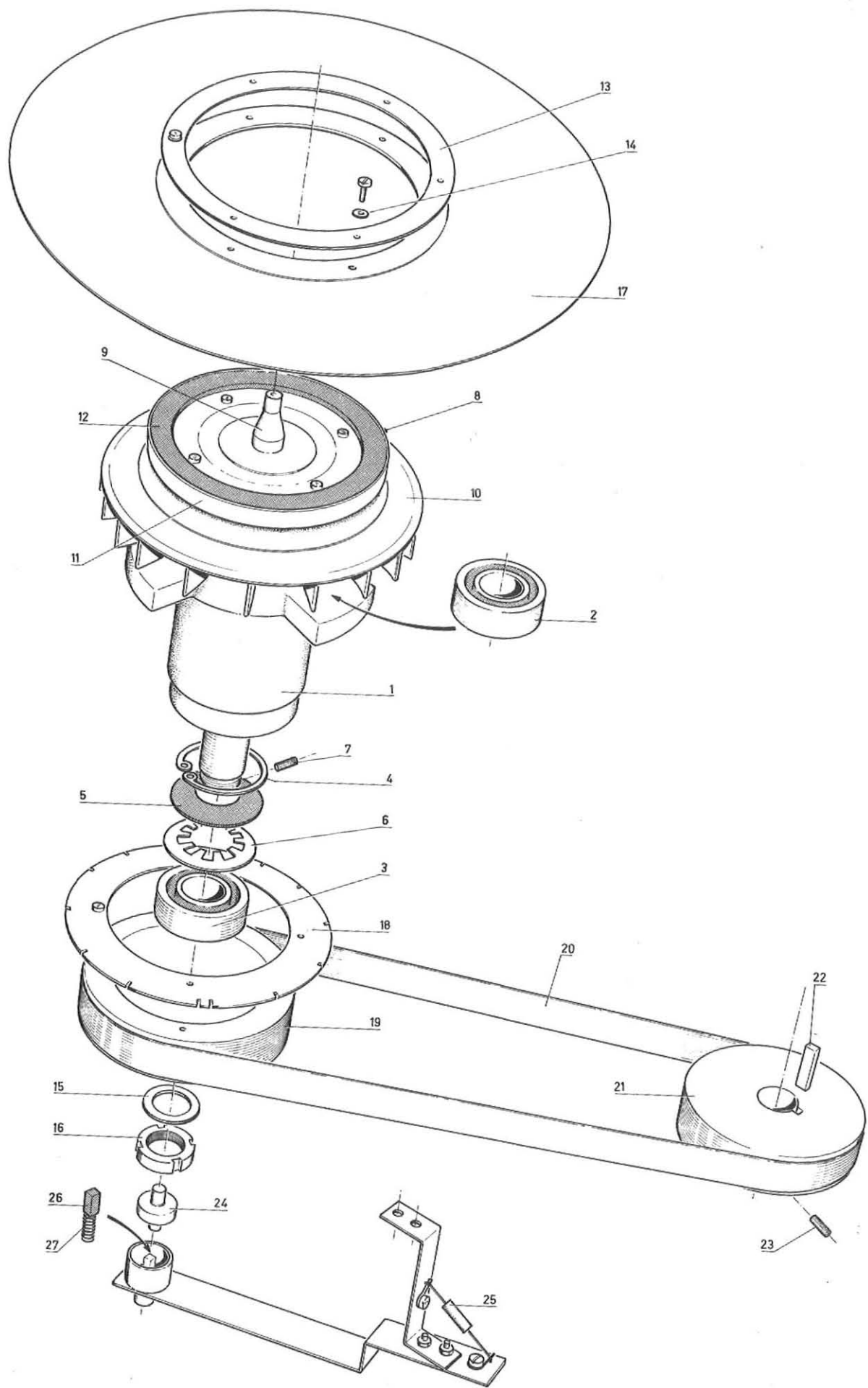


CARTRIDGE HOLDER

Item nr	Part number	Description	Qty. per assy
A		Final assembly	1
B		Main assembly	1
C		Sub assembly	1
D	5322 693 24035	Cartridge holder	1
1C	5322 218 84061	Lock magnet	1
2C		Plate	4
3C		Nut	4
4C		Reversing case	1
5C		Lid	1
6C		Mounting plate	1
7C		Foam rubber, 0,4M	1
8C		Lockring	4
9C	5322 271 34113	Switch	2
10C	4822 325 60091	Tule	2
11C		Magnet	2
12C		Cassette holder	1
13C	5322 466 85439	Clamp	2
14C		Roller	4
15C		Spring	2
16C		Bracket	4
17C		Bracket, switching	2
18C		Plate	2
19C		Tension, spring	2
20C	5322 466 85586	Nut plate	2
21C		Bracket	2
22C		Spacer	8
23C		Ring	4
24C		Shaft, right	1
25C		Shaft, left	1
26C	5322 535 94705	Pin	1
27C		Bracket	2
28C		Clamping bush	2
29C		Bracket	1
30C	5322 325 54039	Stop	1
31C		Cable harness	1
32D		Connector block 6P	1
33D	5322 268 14055	Pin contact	4
34C	5322 325 84019	Tule	1
35C		Sealing plug	2
36C		O ring, 14,3 x 2,4	1

Item nr	Part number	Description	Qty. per ass'y
A		Final assembly	1
B		Clean mechanism	1
1C		Bracket	1
2C		Adjusting ring	1
3C		Shaft	1
4C		Clamping bush	1
5C	5322 535 14126	Locking pin	1
6C	5322 492 64398	Spring flat	1
7C		Ring	1
8C		Coupling	1
9C	5322 323 24062	Steel wire with nylon imm. ϕ , 0,15M	1
10C		Eye cable tag	1
11C	5322 502 14085	Locking screw	1
12C	5322 271 34086	Micro switch assy	2
13C		Connector housing	1
14C	5322 268 14055	Contact pin	4
15C	5322 401 14136	Cable clamp	1
16C	5322 325 64029	Crommet	1
17C	5322 405 54036	Stop bracket	2
18C	5322 535 94658	CAM	1
19C	5322 218 74275	Interference capacitor	1
20C		Connecting block, 2 pins	1
21C		Mounting support	2
22C	4822 121 50524	Capacitor, 0,056 μ F	1
23C		Gear box, 125: 3	1
24C		Synchronous motor	1
25C		Adjusting plate	1
26C		Screw, M2x20	2
27C		Screw, M3x30	1
28C		Screw, M3x20	1
29C		Screw, M3x8	2
30C		Screw, M3x4	4
31C		Screw, M4x5	1
32C		Adjusting screw, M3x5	2
33C		Adjusting screw, M4x5	1
34C		Nut, M2	2
35C		Nut, M3	4
36C		Washer, 2,2x5	4
37C		Washer, nylon, 4,3 x 9 x 1	1
38C		Washer, 3,2 x 6	1
39C		Washer, 3,2 x 7	2
40C		Distance piece, 3,1 x 5 x 12	1
41	5322 479 34007	Brush shaft, assy	1

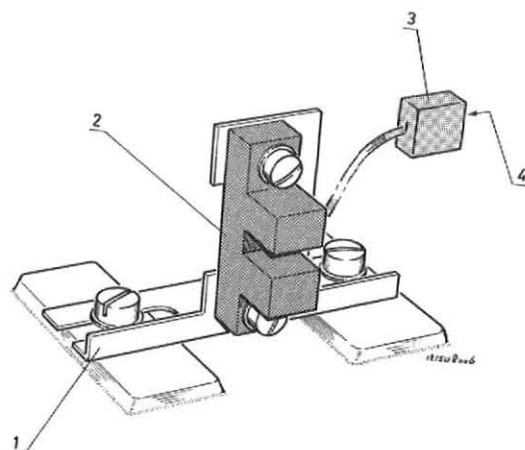
SPINDLE



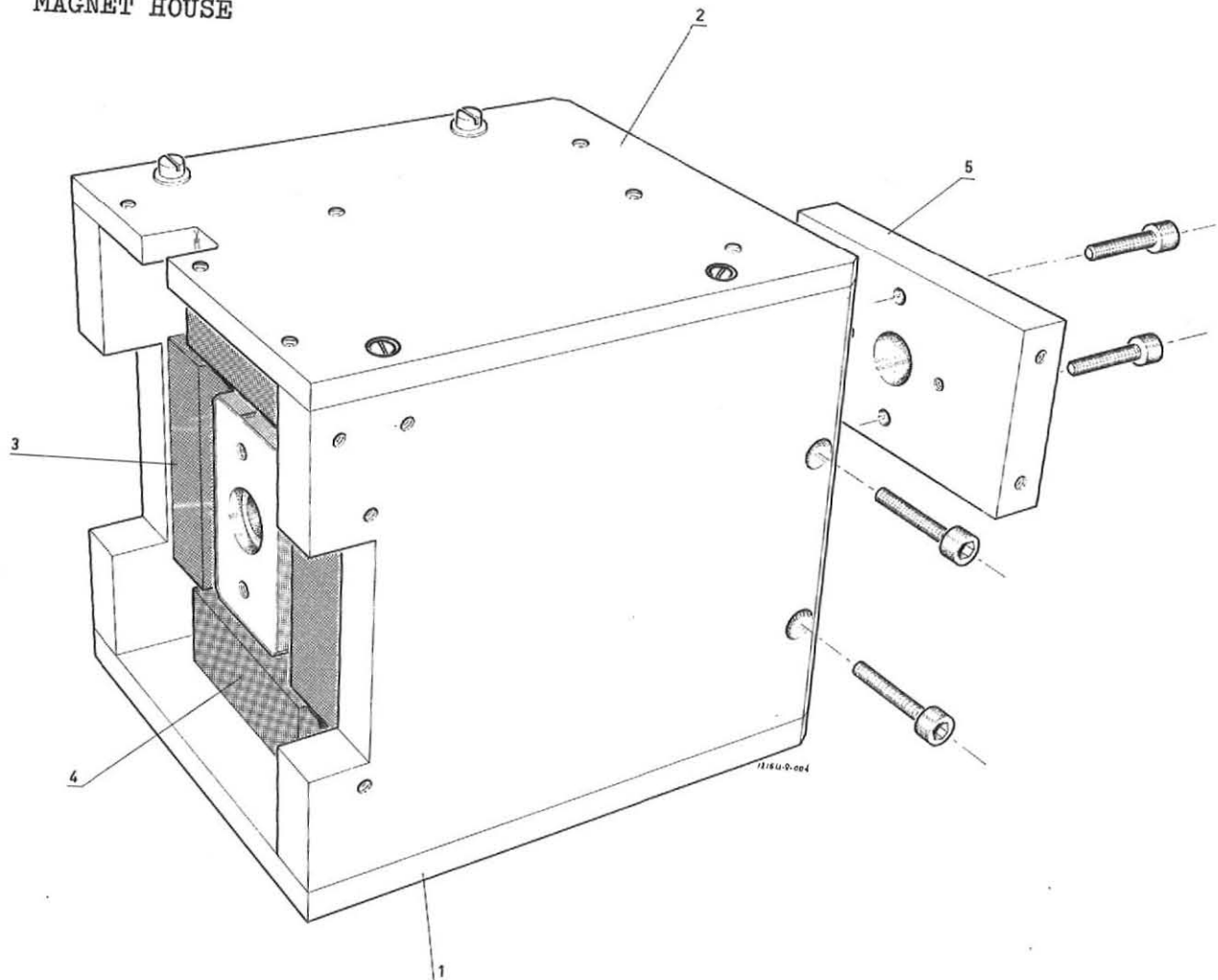
SPINDLE

Item nr	Part number	Description	Qty. per ass'y
A		Final assembly	1
B		Main assembly	1
C		Sub assy	1
D	5322 522 34472	Spindle assy, complete	1
1E		Bearing house	1
2E		Ball bearing GMN 6005 up 2Z	1
3E		Ball bearing GMN 6203 P5 2Z	1
4E		Inner retaining ring	1
5E		Ring	1
6E		Star spring 29,7 x 23 x 0,9	1
7E		Adjusting screw M 3 x 4	1
8E		Spindle assy	1
9F		Spindle	1
10F		Carrying disc	1
11F		Magnet holder	1
12F		Magnet ring	1
13C		Clamping disc	1
14C	3522 532 54351	Ring	6
15B		Ring	1
16B		Spindle nut SKF KM/2 M15 x 1	1
17B	5322 397 64004	Memory disc	1
18B		Index ring 16 slots	1
19B	5322 528 94184	Puley	1
20B	5322 358 24081	Belt 50 CS/S	1
21B		Pulley, motor	1
22B		Key, 4 x 4 x 12	1
23B		Set screw	1
24B	5322 218 84109	Discharge contact	1
25C	5322 116 54207	Resistor, 1K0, 1%	1
26C		Carbon brush	1
27C		Spring	1

OPTICAL ZERO UNIT



MAGNET HOUSE



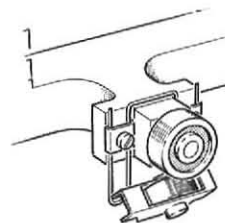
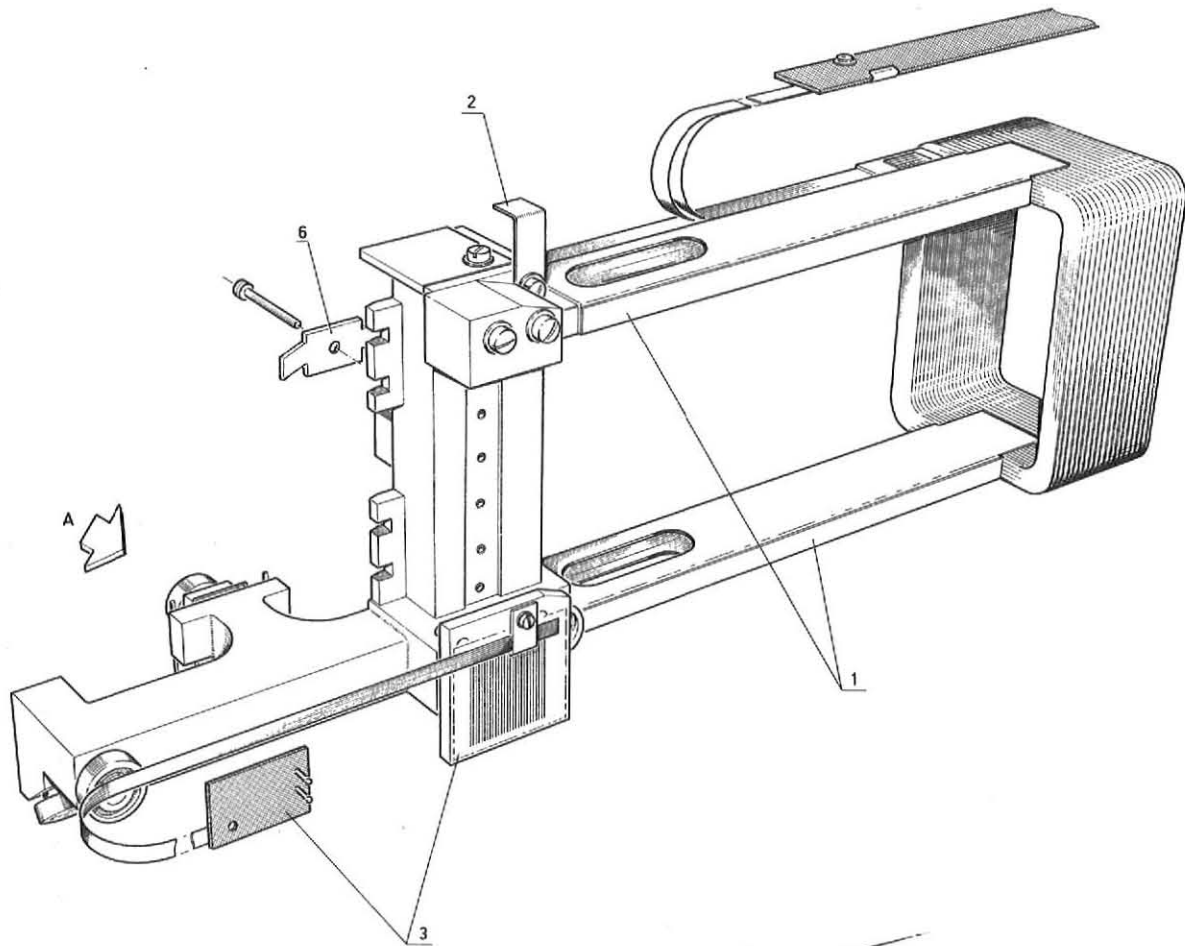
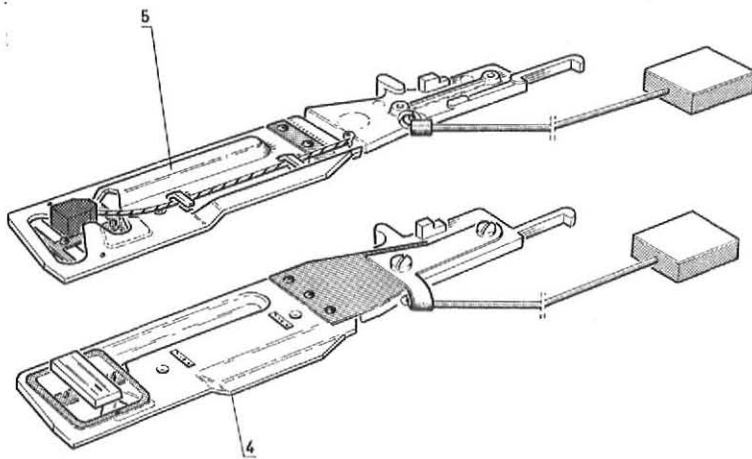
OPTICAL ZERO UNIT

Item nr	Part number	Description	Qty. per ass'y
D	5322 218 74395	Deck assembly	1
E		Optical zero unit	1
1F		Bracket	1
2F		Index pick-up	1
3F	5322 268 14055	Connector, block	1
4F		Pin	6

MACNET HOUSE

Item nr	Part number	Description	Qty. per ass'y
D		Deck assembly	1
E		Magnet house	1
1F		Core assembly	1
2F		Plate, top	1
3F		Magnet block	480
4F		Magnet block	480
5F		Rear plate	1

CARRIAGE

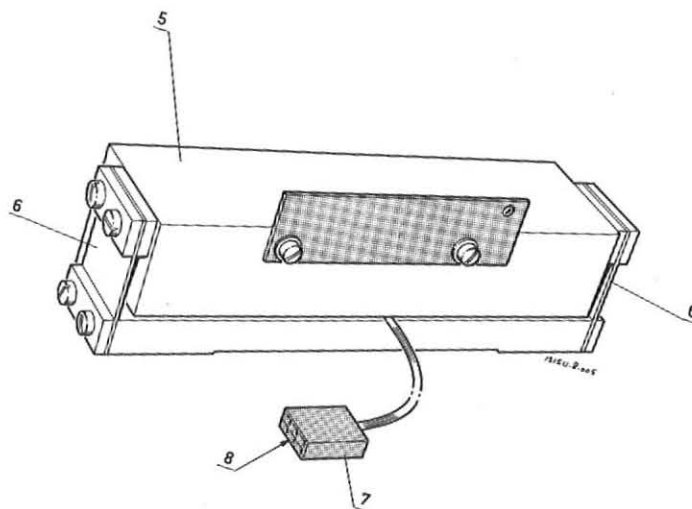
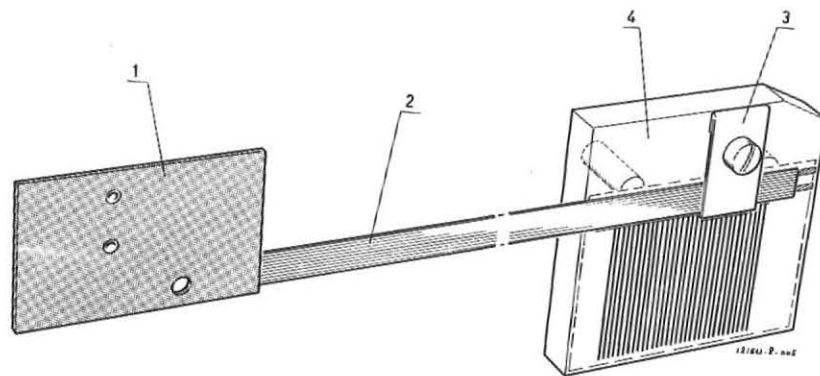


VIEW A

CARRIAGE

Item nr	Part number	Description	Qty. per ass'y
A		Final assembly	1
B		Main assembly	1
C		Sub assembly	1
D		Deck assembly	1
E	5322 691 64238	Carriage	1
1F		Coil assembly	1
2F		Vernier	1
3F	5322 218 84111	Primary meander assembly	1
4C	5322 249 14051	Head assembly D-100-2	1
5C	5322 249 14049	Head assembly U-100-2	1
6C	5322 466 85268	Plate, mounting head	6

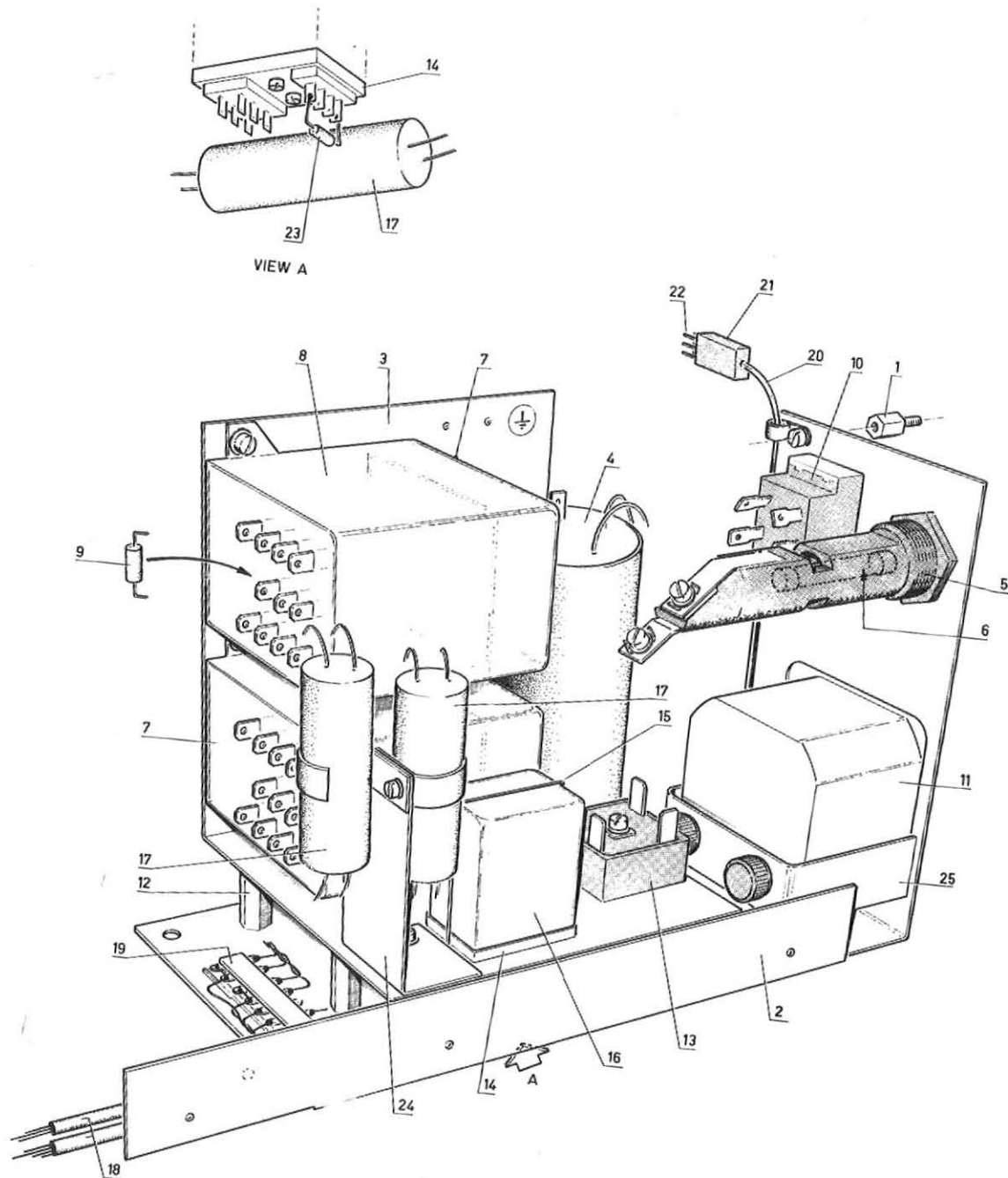
PRIME AND SEC MEANDER



PRIME AND MEANDER

Item nr	Part number	Description	Qty. per ass'y
A		Final assembly	1
B		Main assembly	1
C		Sub assembly	1
D		Deck assembly	1
E		Carriage	1
F	5322 218 84111	Primary meander assembly	1
1G	5322 464 64001	Meander cable assembly	1
2G	5322 322 24005	Flat cable	1
3G		Clamp	1
4G	5322 466 85437	Primary meander plate	1
A		Final assembly	1
B		Main assembly	1
C		Sub assembly	1
D		Deck assembly	1
E	5322 218 84068	Secondary meander assembly	1
5F		Meander block	1
6F		Spring flat	2
7F		Connector, block, 6P	1
8F	5322 268 14055	Pin contact	4

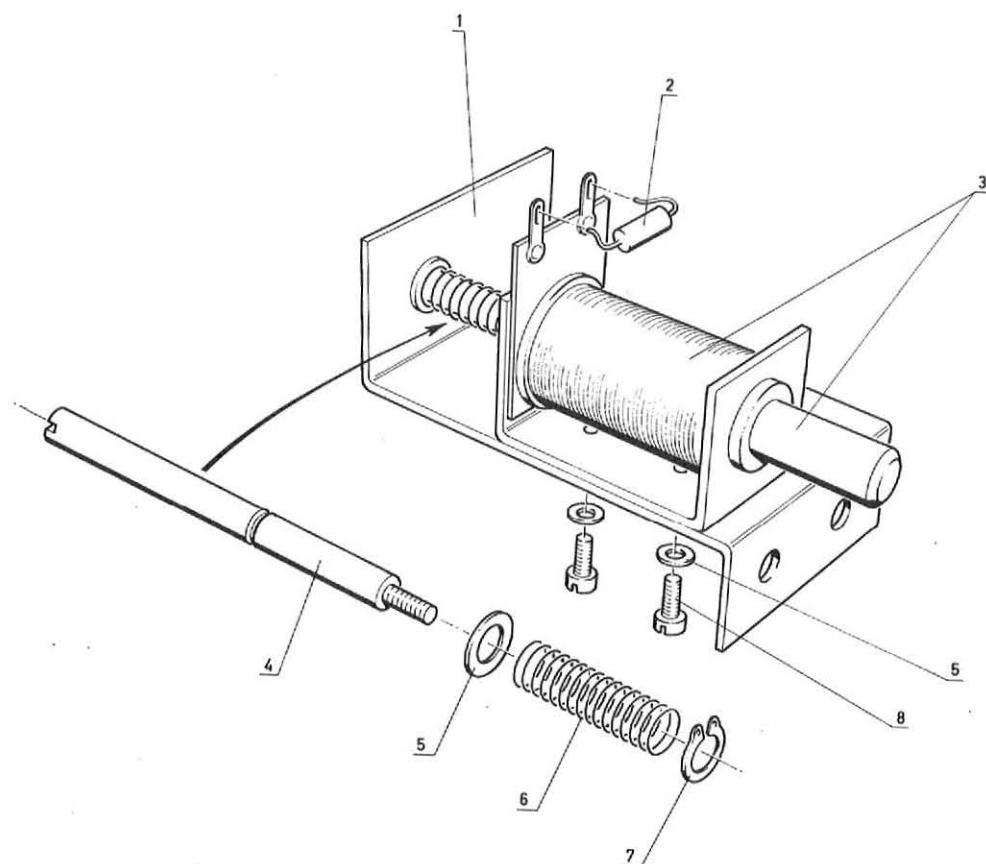
SWITCHING UNIT



SWITCHING UNIT

Item nr	Part number	Description	Qty. per assy
A		Final assembly	1
B		Main assembly	1
C		Sub assembly	1
D		Frame assembly	1
E		Switching unit	1
1F		Spacer	2
2F		Bracket, hours counter	1
3F		Bracket	1
4F	5322 218 84059	Anti- interference filter	1
5F	5322 256 34033	Holder fuse	1
6F	4822 253 40009	Fuse, 6,3A - 250V	1
7F		Relay, assembly	2
8G	5322 280 74074	Relay, 3 way	1
9G		Diode, BYX36-600	2
10F	5322 277 14184	Toggle switch, 10A	1
11F		Hours counter	1
12F		Spacer, hexagon	3
13F		Bridge rectifier PB40	1
14F	5322 255 60003	Holder, relay	1
15F	5322 492 64397	Clamping spring	1
16F	5322 280 74071	Relay, 2 way	1
17F	5322 218 74275	Anti- interference filter	5
18F		Cable harness	1
19G	5322 290 60028	Mounting support 8pole	1
20F		Cable harness	1
21G		Connector block 6P.	1
22G	5322 268 14055	Pin contact	6
23F		Diode, BYX36-600	1
24F		Filter plate	1
25F		Holding bracket	1

LOCK MAGNET



Item nr	Part number	Description	Qty. per ass'y
D	5322 693 24035	Cartridge holder assy	1
E	5322 218 84061	Lock magnet assy	1
1F		Mounting bracket	1
2F	5322 130 30607	Diode BYX 36/600	1
3F		Magnet	1
4F	5322 535 84338	Pin	1
5F		Washer 3,2 x 7 mm	3
6F	5322 492 54249	Compression spring	1
7F		Retaining ring 2,3 mm	1
8F		Screw M3 x 4	2

CONNECTING CABLE

