



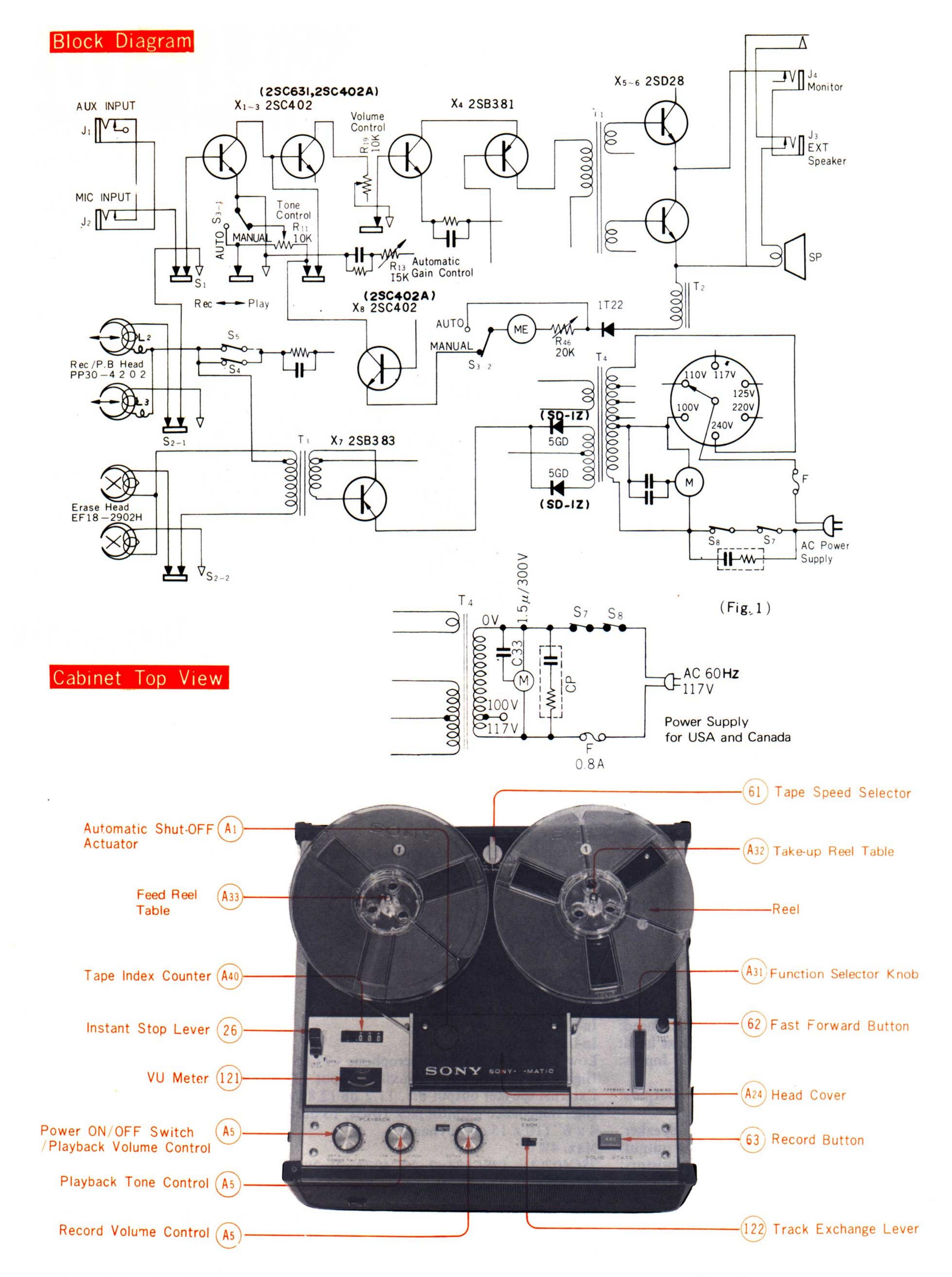
SPECIFICATIONS

Power requirement: AC 50/60 Hz, 100, 110, 117, 125, 220 or 240V, 45W

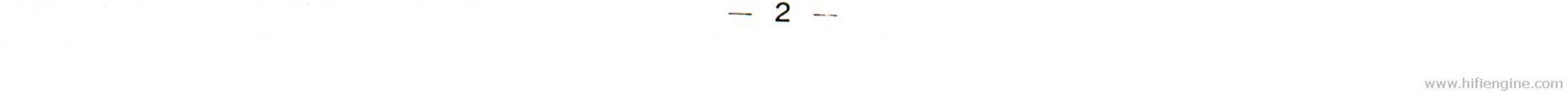
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	Only AC 60 Hz, 117V for USA	
	Only AC 50/60 Hz, 117V for Canada	
Tape speeds:	Instantaneous selection 71/2, 33/4 or 17/8 ips	
	(19, 9.5 or 4.8 cm/s)	
Tracks:	4 tracks, monophonic	
Recording time:	45 minutes per track, 3 hours in total at 71/2 ips	
(with 1800 ft/550 m tape)	1 hr. 30 min. per track, 6 hours in total at 33/4 ips	
	3 hours per track, 12 hours in total at 1 1/8 ips	
Reels:	7" (18 cm) or smaller	
Frequency response:	$40 \sim 18,000 \text{ Hz at } 71/_2 \text{ ips}$	
	40 ~ 13,000 Hz at 33/4 ips	
	50 ~ 6,000 Hz at 1 1/8 ips	
Flutter and wow:	Less than 0.17% at $71/_2$ ips	
	Less than 0.3% at 33/4 ips	
	Less than 0.4% at 11/8 ips	
Record/Playback head:	In-line quarter track	
Erase head:	In-line quarter track	
Inputs:	Low impedance (600Ω) microphone -77 db (0.11 mV)	(1)
	High impedance $(100 K\Omega)$ auxiliary input -27 db (34 mV)	(1)
Outputs:	External speaker output 8Ω, 11.2 db (2.83V)	(1)
	High impedance monitor jack 10KΩ, 13 db (3.46V)	(1)
Speaker:	$4 \times 6'' (10 \times 15 \text{ cm}) \text{ dynamic}$	
Power output:	Max. 4W	

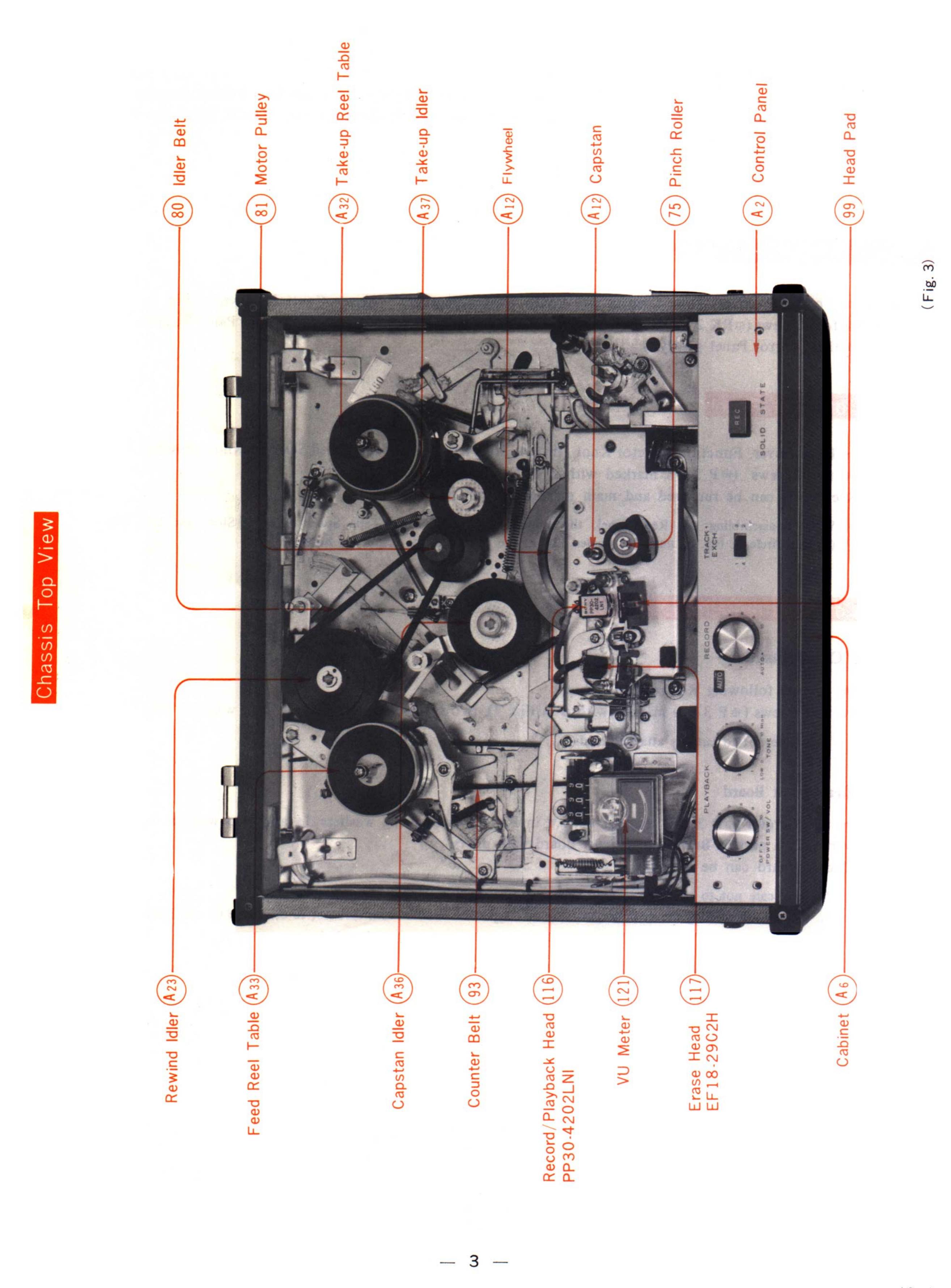
Transistors:2SC402(4)----($2SC631\times2$, $2SC402A\times2$), 2SB381(1),
2SB383(1), 2SD28(2)Diodes:1T22(1), 5G-D(SD-1Z)(2)Dimensions: $14\frac{3}{4}$ (W) $\times 7\frac{1}{4}$ (H) $\times 13\frac{3}{8}$ " (D)
($37.5 \times 18.5 \times 34.0$ cm)Weight:21 1b (9.5 kg)





⁽Fig. 2)





Removal of Cabinet

- Turn up-side down the Recorder on a Soft Pad. (1)
- Remove two Screws ($\oplus P 4 \times 25$ marked with \bullet in Fig. 4), two Rubber Feet and two Rubber Stoppers. (2)
- Remove four Screws ($\oplus RK4 \times 25$ marked with \circ in Fig. 4), two Washers 4 ϕ , two Handle Holders and one (3)Carrying Handle as shown in Fig. 4.
- Lift up the Cabinet gently. (4)

NOTE: Take care not to cut the speaker leads.

Removal of Control Panel

- Remove Volume Control, Tone Control and Power Switch/Playback Volume Control shown in Fig. 2. (1)
- Remove four Screws ($\oplus RK 2.6 \times 10$ marked with \blacktriangle in Fig. 5), four Washers 2.6 ϕ and four Reel Panel Washers 2.6 ϕ . (2)
- (3) Lift up the Control Panel gently.



- Remove Head Cover, Function Selector Knob, Instant Stop Knob, and Tape Speed Selector Knob shown in Fig. 2. (1)
- Remove two Screws ($\oplus P \ 3 \times 8$ marked with \triangle in Fig. 6). (2)
- Now Reel Panel can be removed and main mechanism can be checked. (3)
 - When re-assembling the Reel Panel, the Function Selector Shaft, Tape Speed Selector Shaft and four Holes NOTE: (in the Circle in Fig. 6) must be located just at the center of the respective holes.

Removal of Mounted Circuit Board

Preamplifier Circuit Board

- Remove cabinet following Removal of Cabinet. (1)
- Remove two screws ($\oplus P 3 \times 6$ marked with \bullet in Fig. 7), two spring washers 3ϕ and two washers 3ϕ . (2)

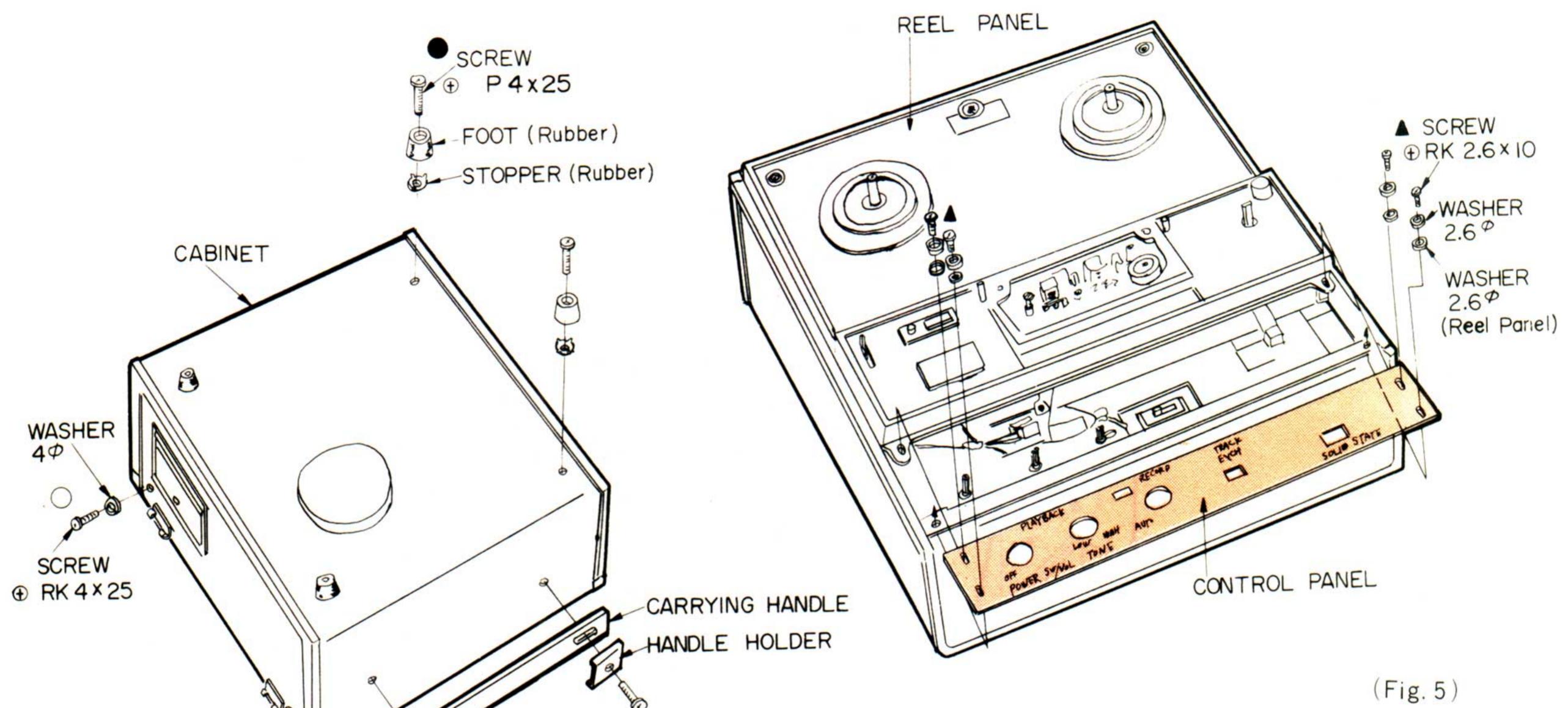
Take care not to cut the attached leads. NOTE:

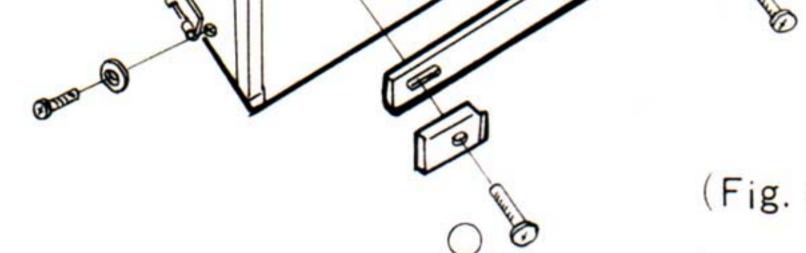
Main Amplifier Circuit Board

- Remove two Screws ($\oplus P 3 \times 6$ marked with ∇ in Fig. 8), two spring washers 3ϕ and two washers 3ϕ . (1)
- Twist vertically a part of Bracket at Circuit Board with pliers. (2)
- Now Circuit Board can be removed. (3)
 - 1. Take care not to cut the attached leads. NOTE:
 - 2. When re-assembling the main amplifier, incline a part of Bracket with care not to break the Circuit Board.

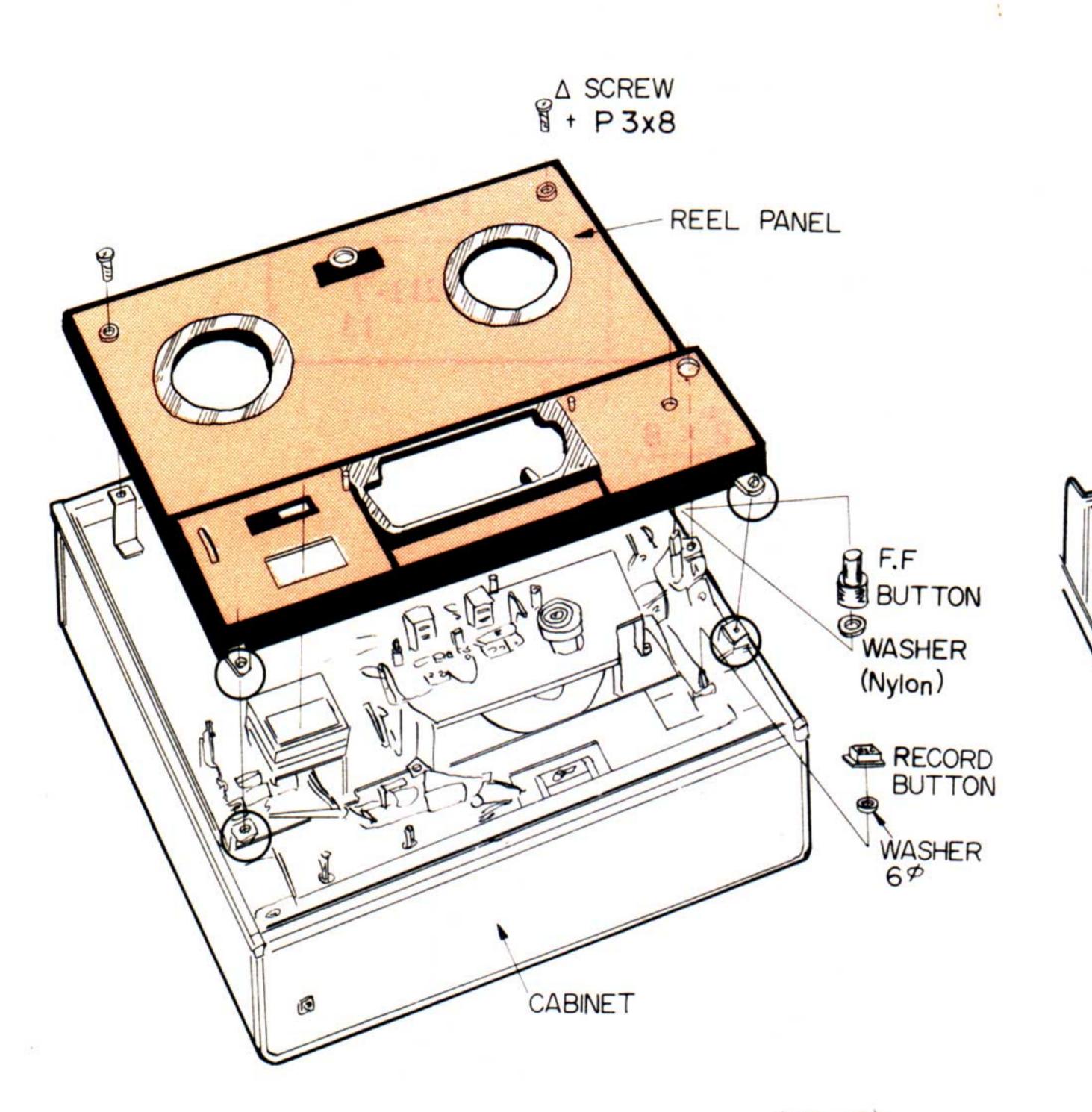


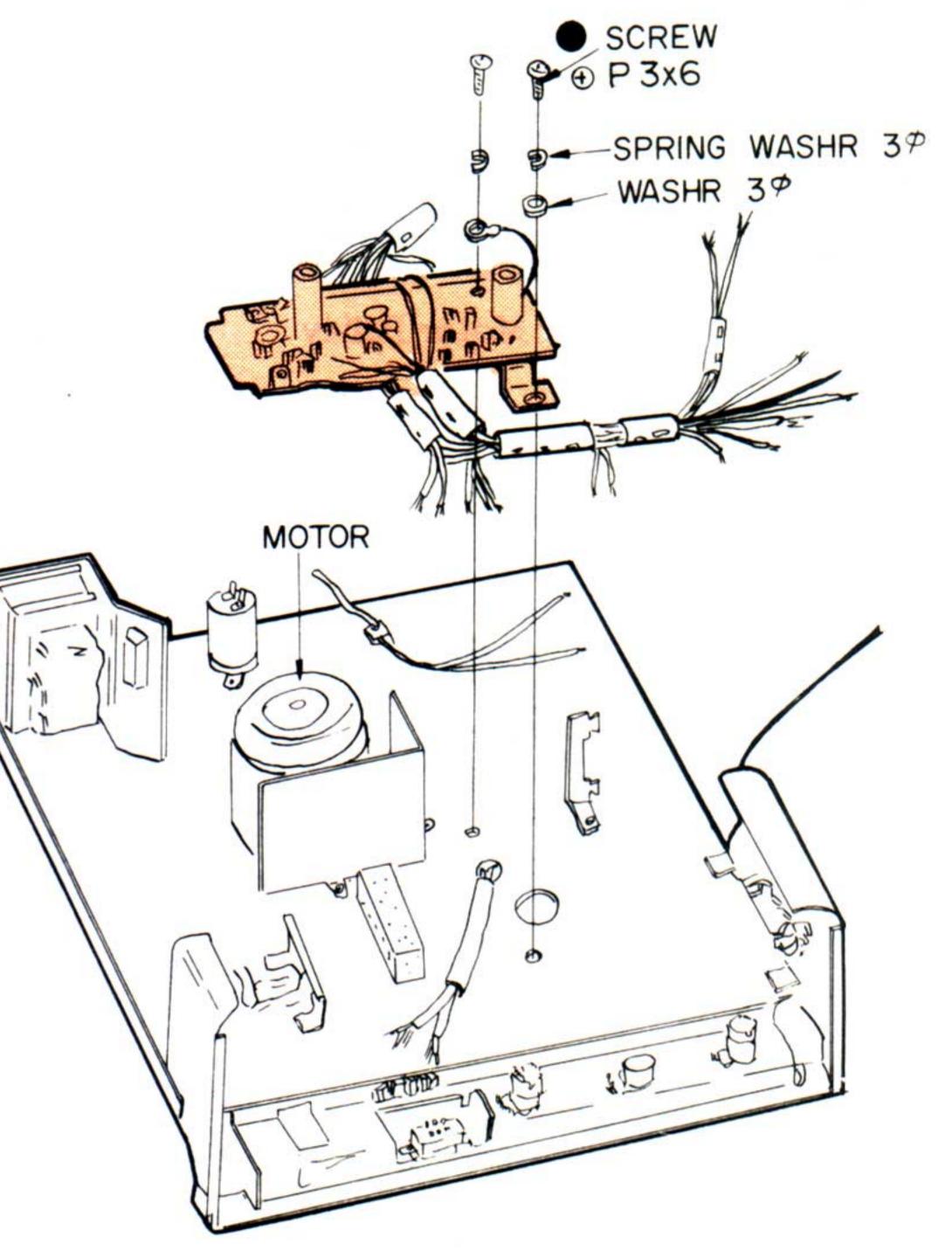






(Fig. 4)

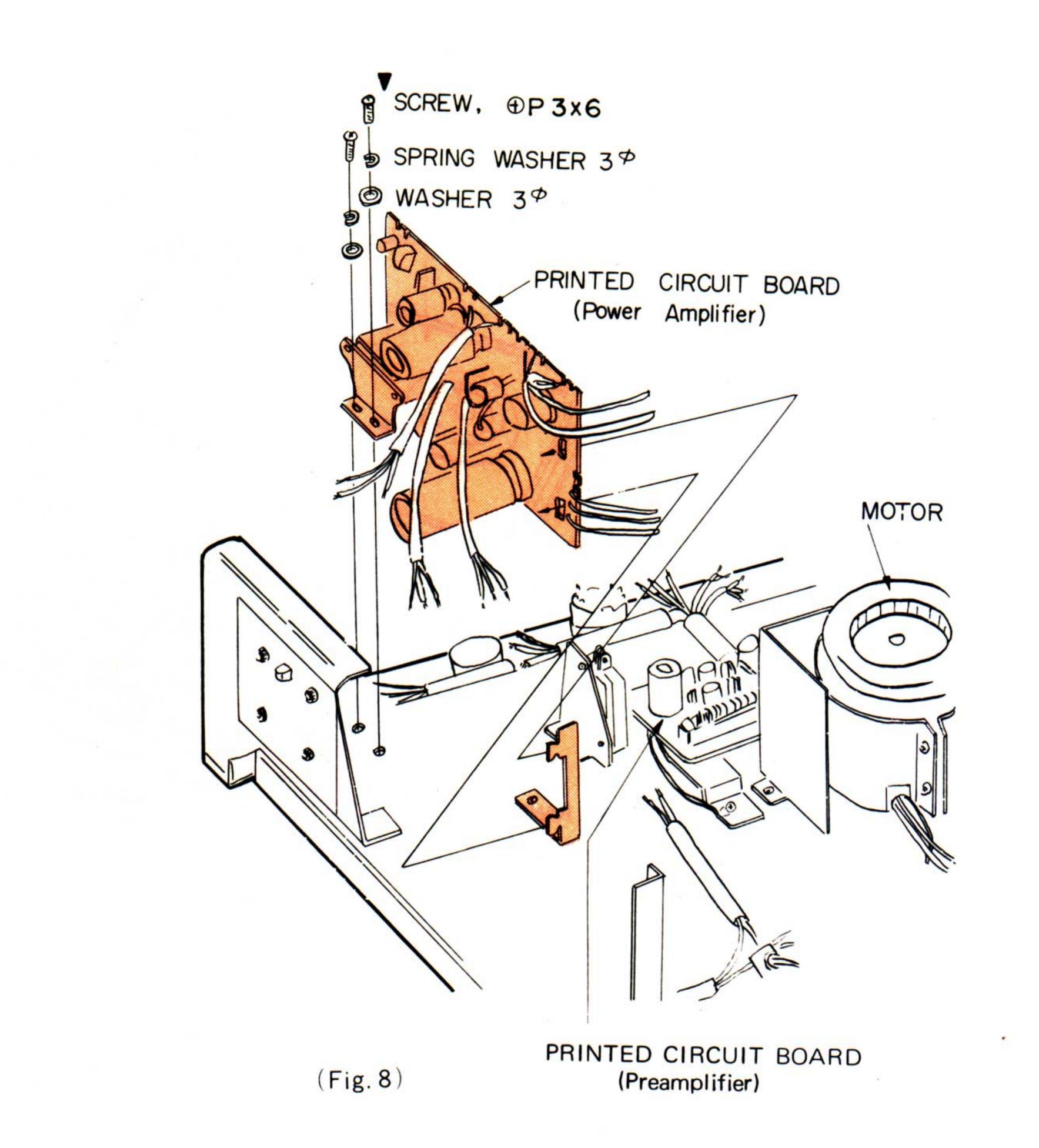




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(Fig. 6)

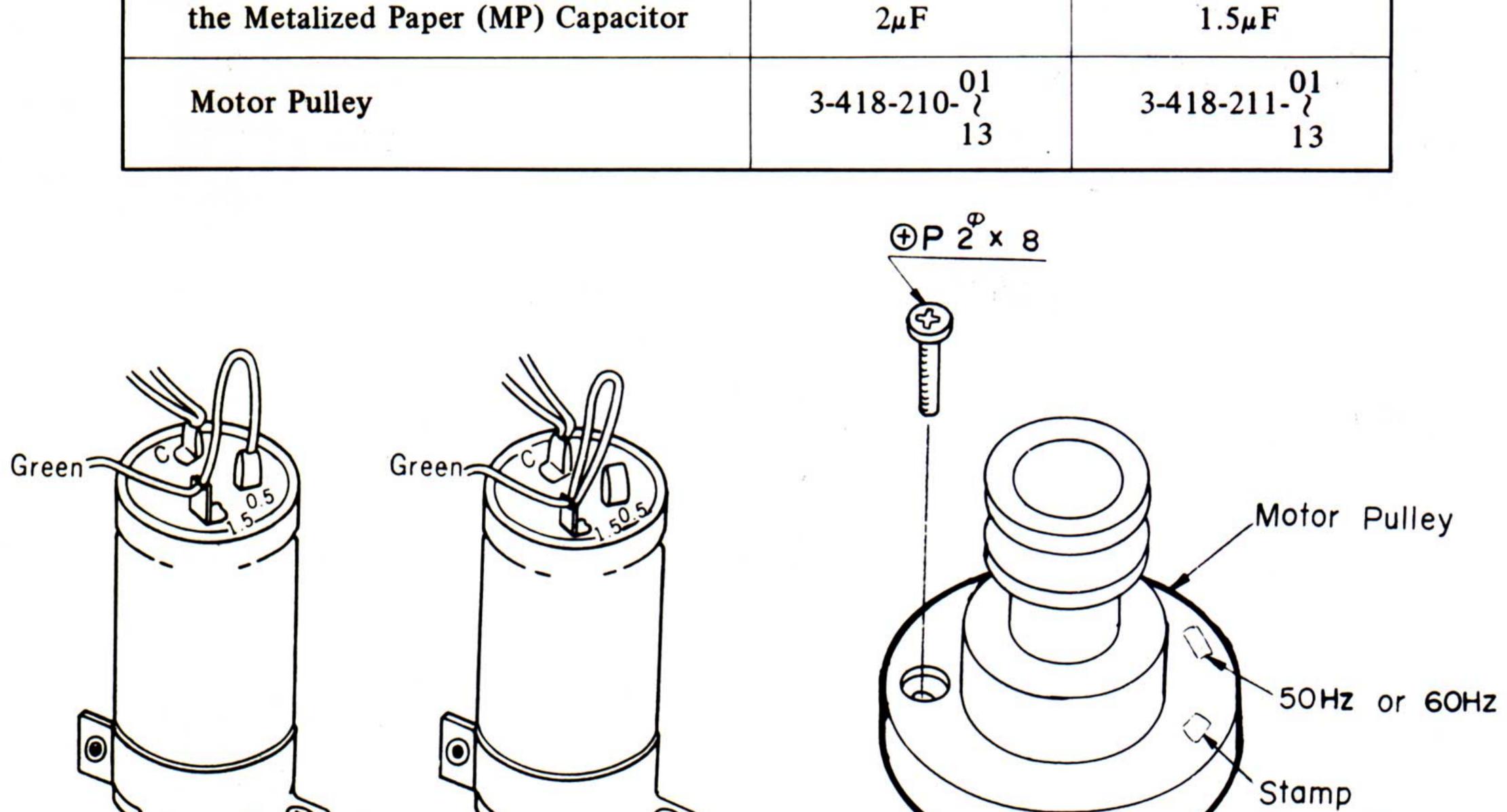
(Fig. 7)

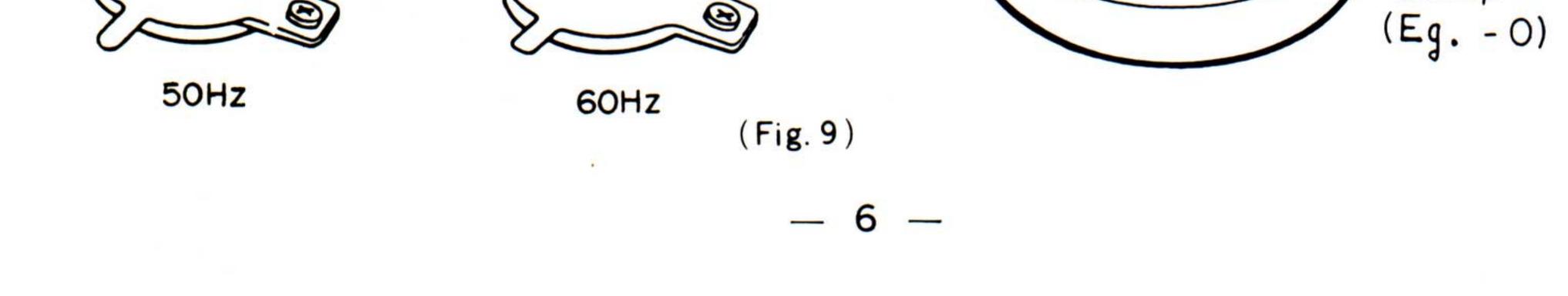


Modification to different power line frequency

If the power line frequency is different from what the Tape recorder is adjusted for, the motor pulley and tapping of the motor starting capacitor terminals must be altered as follows:

For 50 Hz	For 60 Hz
Connected	Disconnected



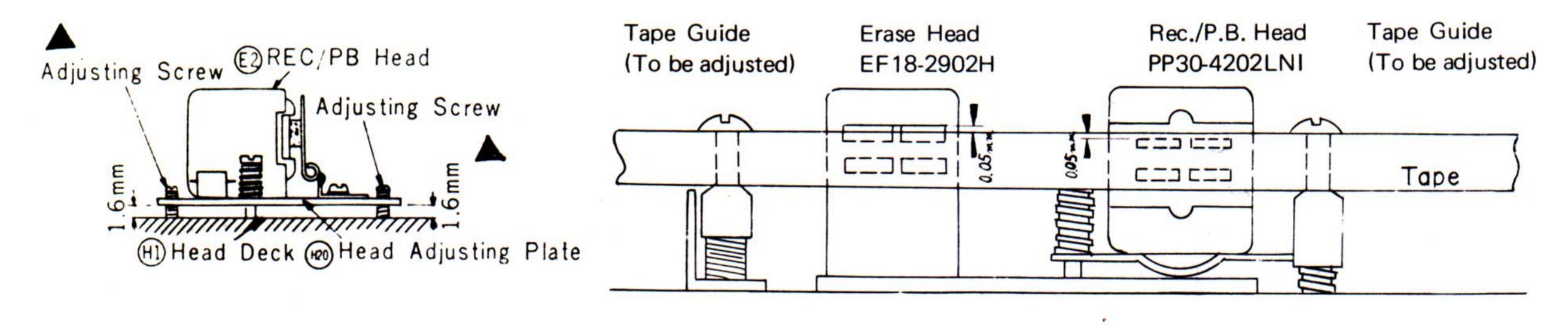




Elevation Alignment

The exact vertical positioning of Head are adjusted at the factory and should never need readjustment. However, when replacing Head or Tape Guide, height of the replaced part in relation to the tape should be checked as follows:

- (1) Thread a tape.
- (2) Align the upper edges of the Head Cores and upper edge of the tape by turning the Tape Guide located on the left side of the Erase Head.
- (3) Turn the Tape Guide clockwise by approximately 30° from the position obtained in the preceding process, so that the upper edge of the tape is approximately 0.05 mm lower than that of the Erase Head Core.
- (4) Align the upper edges of the Head Cores and upper edges of the tape by turning the Tape Guide located on the right side of the Rec./P.B. Head.
- (5) Turn the Tape Guide counterclockwise by approximately 30° from the position obtained in the preceding process, so that the upper edge of the tape is approximately 0.05 mm higher than that of the Rec./P.B. Head Core.



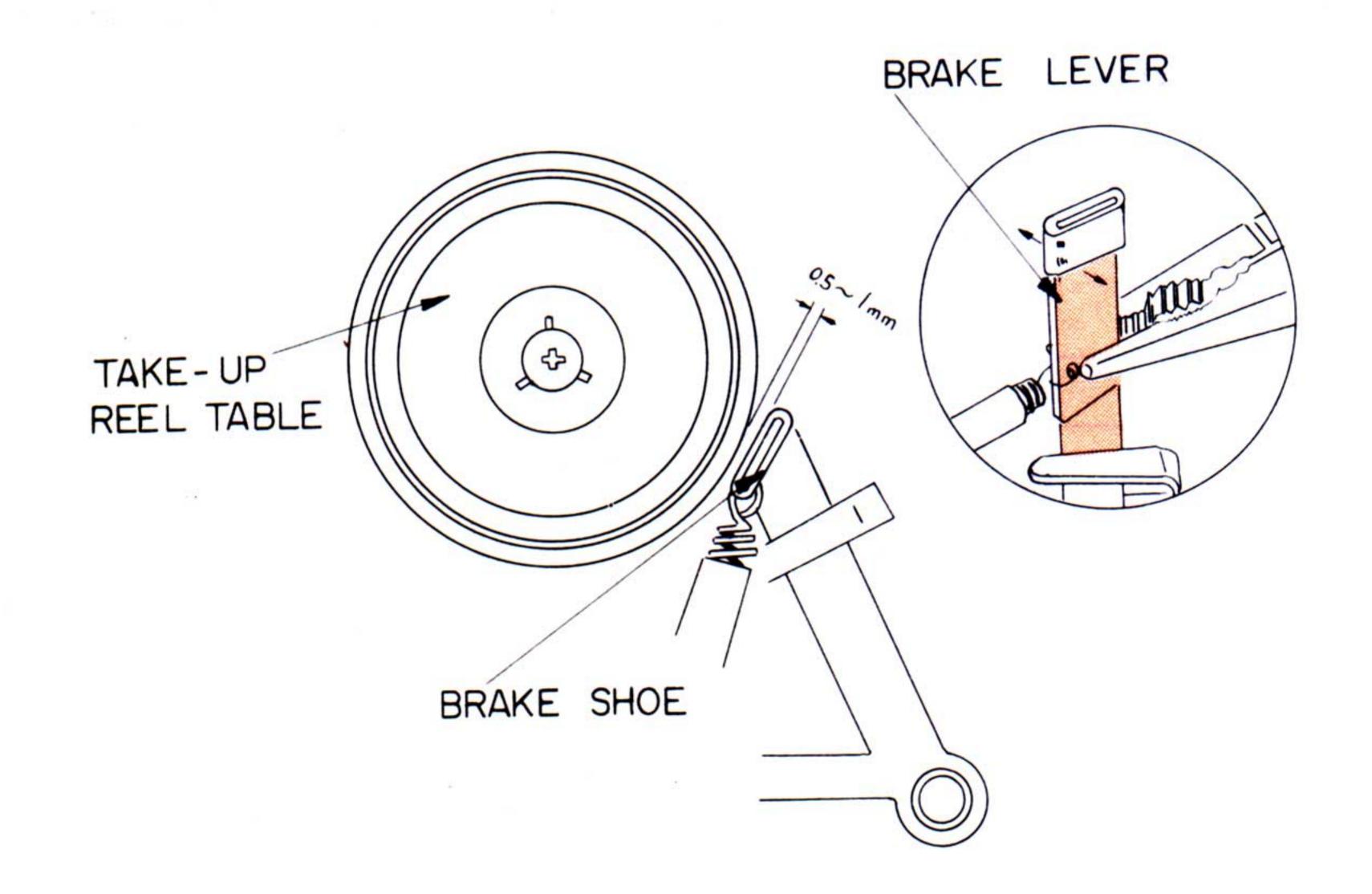
(Fig. 11)

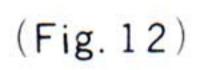
Brake Adjustment

When the tape slacks at stop mode, adjust the Brake as follows: Refer to Fig. 12.

- (1) Set the Function Selector knob to forward position.
- (2) Bend the Brake Levers to right or left with pliers (as shown in the circle), so that the clearance between

the Brake Shoe and the Take-up Reel Table must keep between $0.5 \sim 1$ mm.





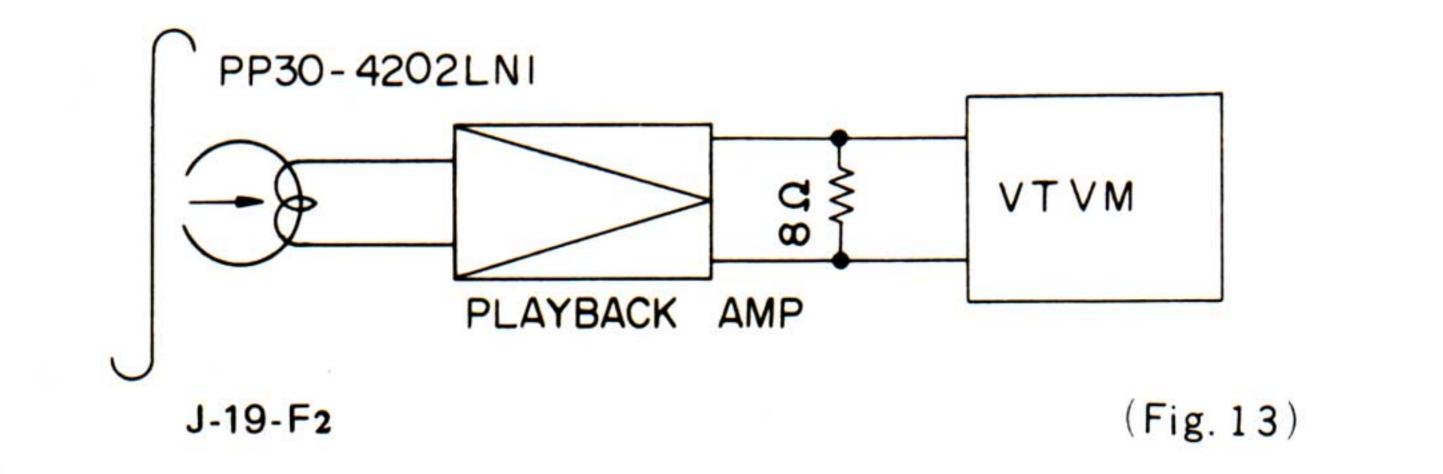




The alignment is to be performed at a tape speed of $7\frac{1}{2}$ ips unless otherwise specified. Connect an 8Ω load resistor in parallel with the VTVM terminals and connect the VTVM to the Speaker Output jack. Set the Speaker ON/OFF Switch on.

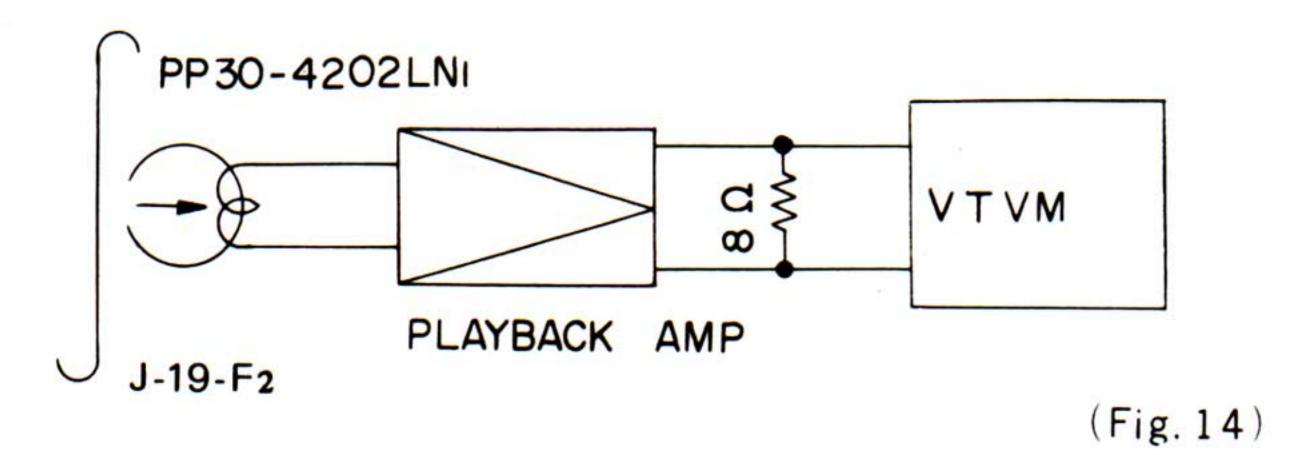
Playback Azimuth Alignment

- Playback a 10 kHz signal recorded on the first tone of the SONY alignment tape (J-19-F₂). (1)
- (2) Adjust the Azimuth Alignment Screw located on the right side of the Playback Head to obtain maximum recording on the VTVM.



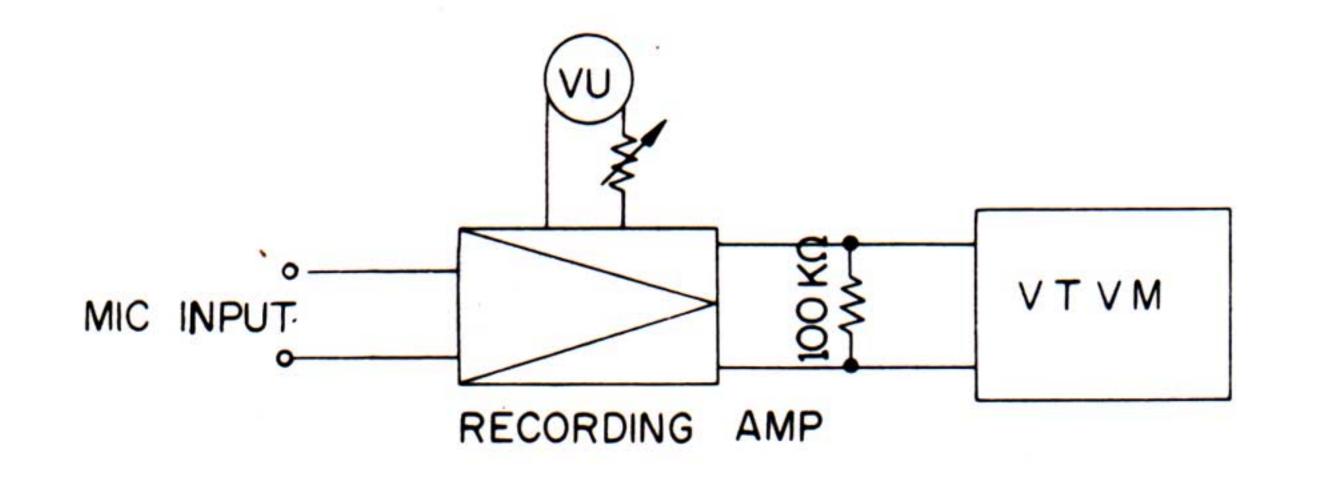
Playback Output Level Adjustment

- (1) Set the Volume Control and the tone Control to the maximum position.
- Playback a 1 kHz signal of -10 db recorded on the third tone of the SONY alignment tape (J-19-K1) (2)and measure the output with the VTVM.



Recording Level Adjustment

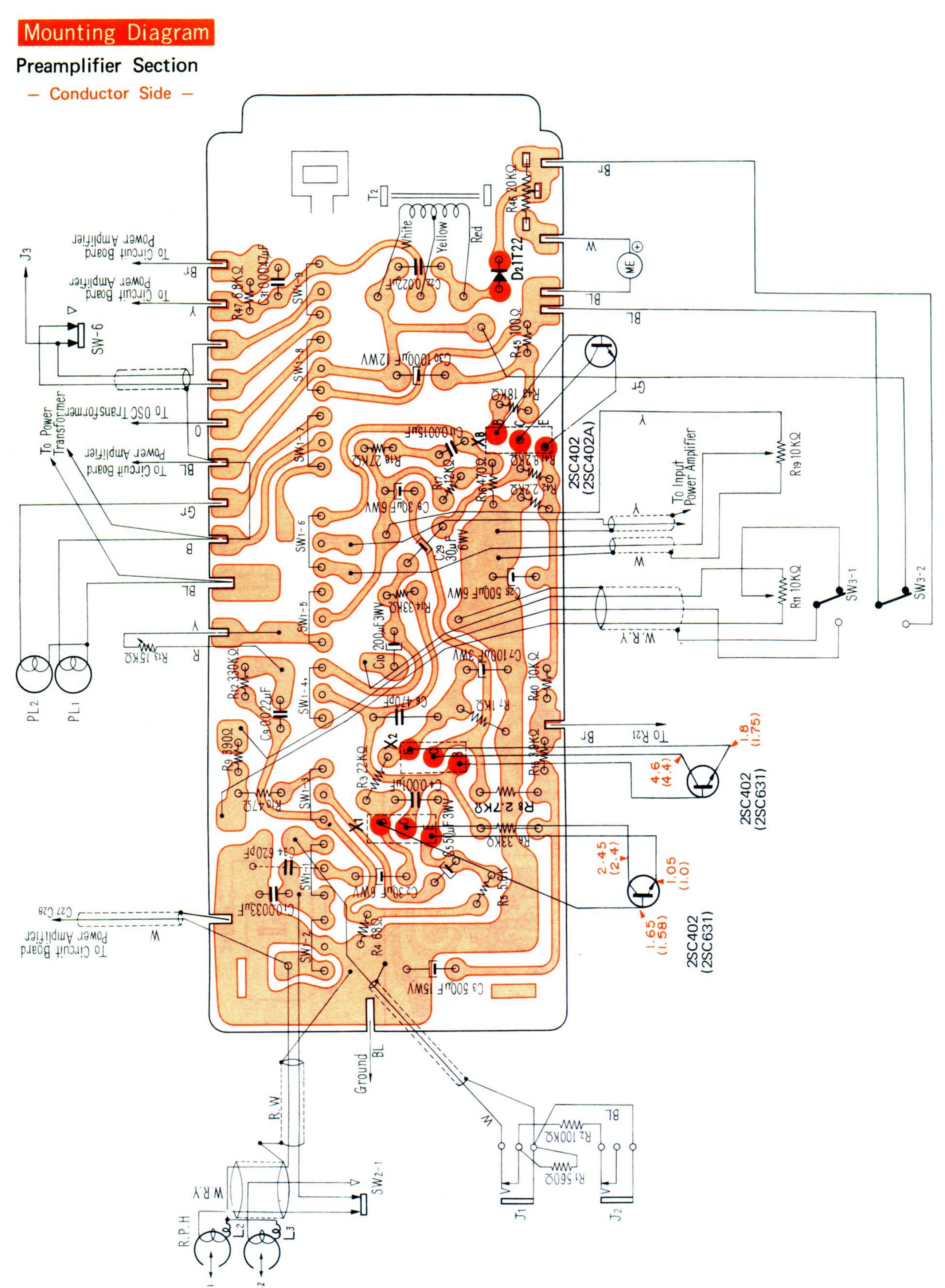
- Set the Speaker ON/OFF Switch to OFF. (1)
- Set the Machine in Record Mode. (2)
- (3) Feed a 1000 Hz signal of -60 db (0.775 mV) into Mic Input jack.
- Turn the Recording Volume Control R13 so that the VTVM indicates +1.5 db. (4)
- Turn the adjustable Resistor R46 so that the pointer of the Level Meter is just at the boundary between (5) the red portion and the black portion.



(Fig. 15)









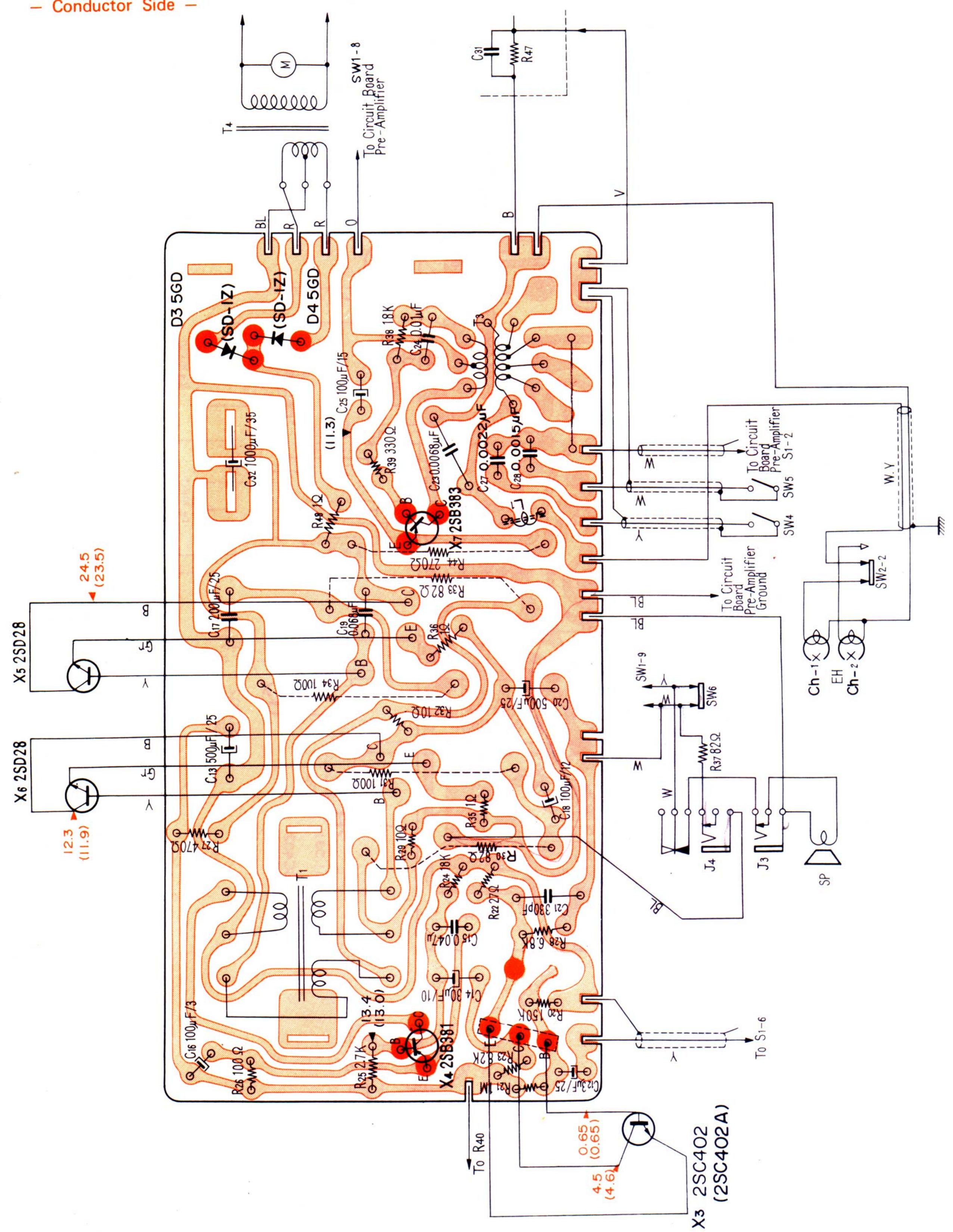


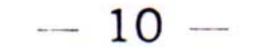




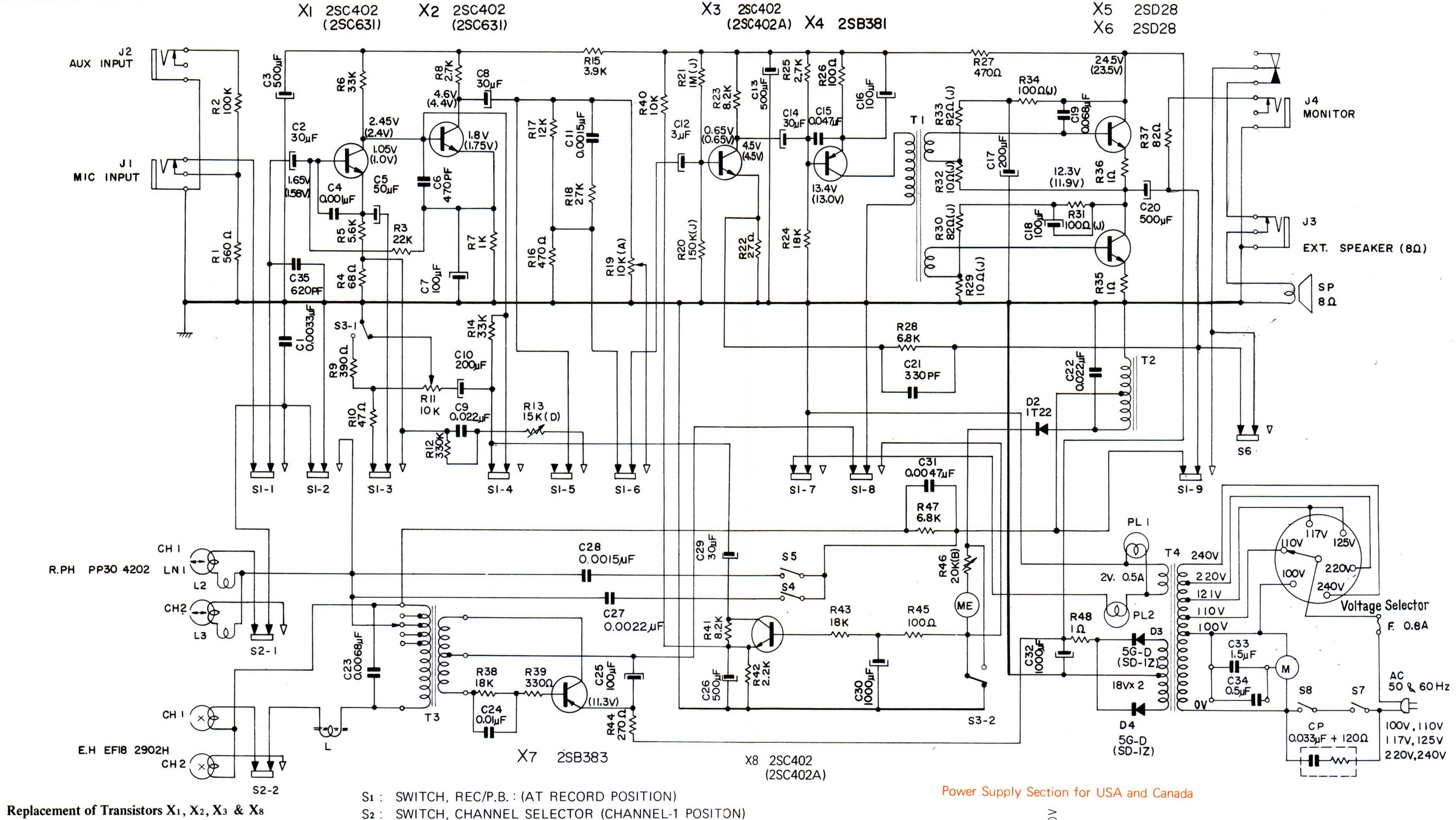
Power Amplifier Section

- Conductor Side -







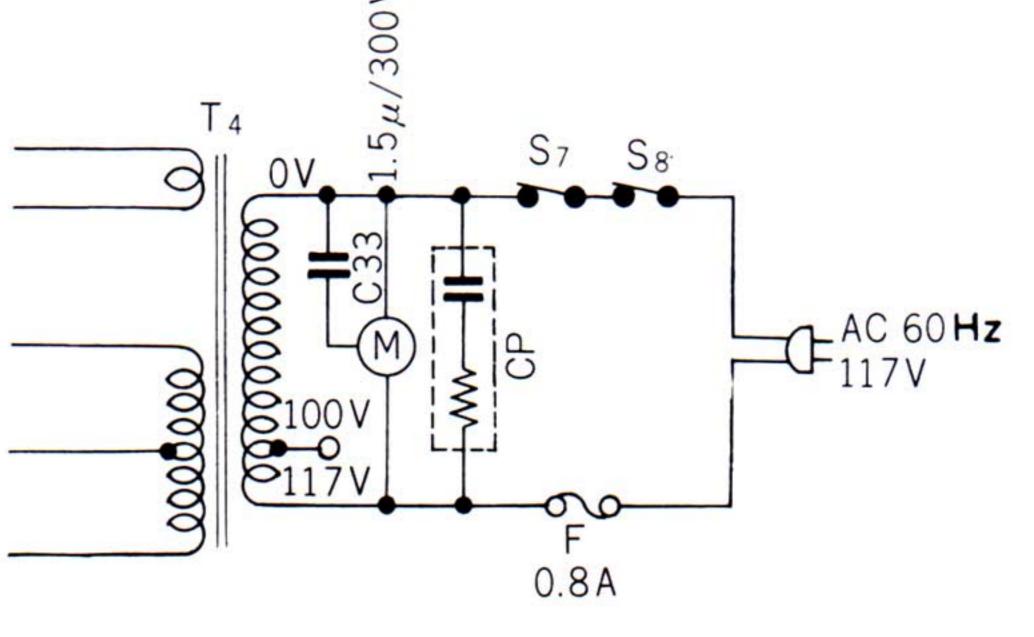


and Diodes D₃ & D₄

Symbol	New Type	Former Type	Symbol	New Type	Former Type
X1	2SC631 or 2SC632	2SC402	D3	SD-1Z FR-1P	5G-D
X2	2SC631 or 2SC632	2SC402	D4	SD-1Z FR-1P	5G-D
X3	2SC402A or 2SC403A	2SC402			
X8	2SC402A 2SC403A 2SC633 2SC634 2SC631 2SC632	2SC402			

S1 :	SWITCH, REC/P.B.: (AT RECORD POSITION)
S2 :	SWITCH, CHANNEL SELECTOR (CHANNEL-1 POSIT
S3 :	SWITCH, AUTO/MANUAL SELECTOR (MANUAL PO
S4 :	SWITCH, EQUALIZER (ON 33/4 & 1% IPS POSITIO
Ss :	SWITCH, EQUALIZER (ON 1% IPS POSITION)
S6 :	SWITCH, SPEAKER ON/OFF
S7 :	SWITCH, POWER ON/OFF
S8 :	SWITCH, AUTOMATIC SHUT-OFF

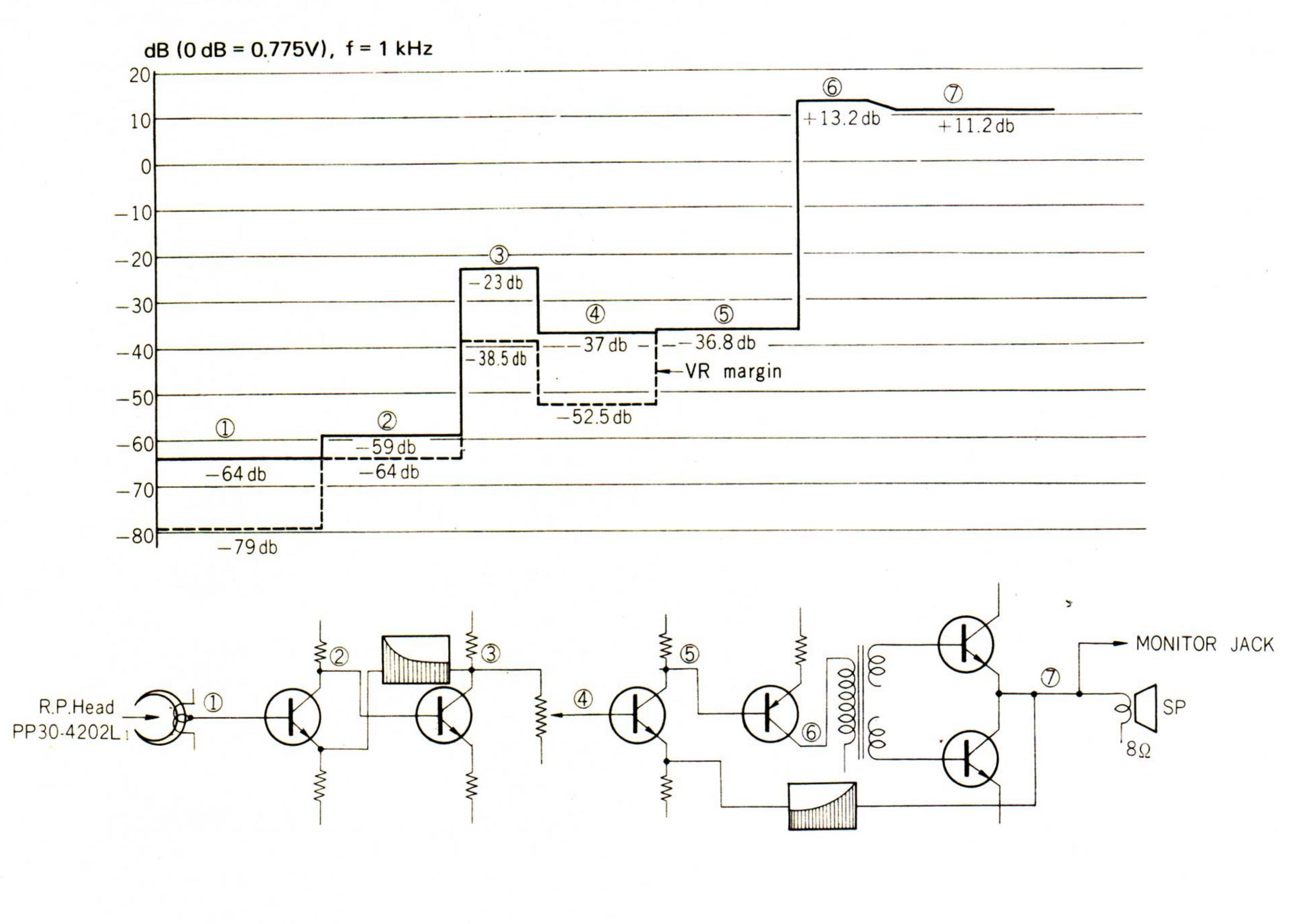
O VALUES IN PARENTHESES ARE MEASURED WITH OSIGNAL ON DC. O TRANSISTOR AND DIODE TYPE IN PARENTHESES ARE NEW TYPE.



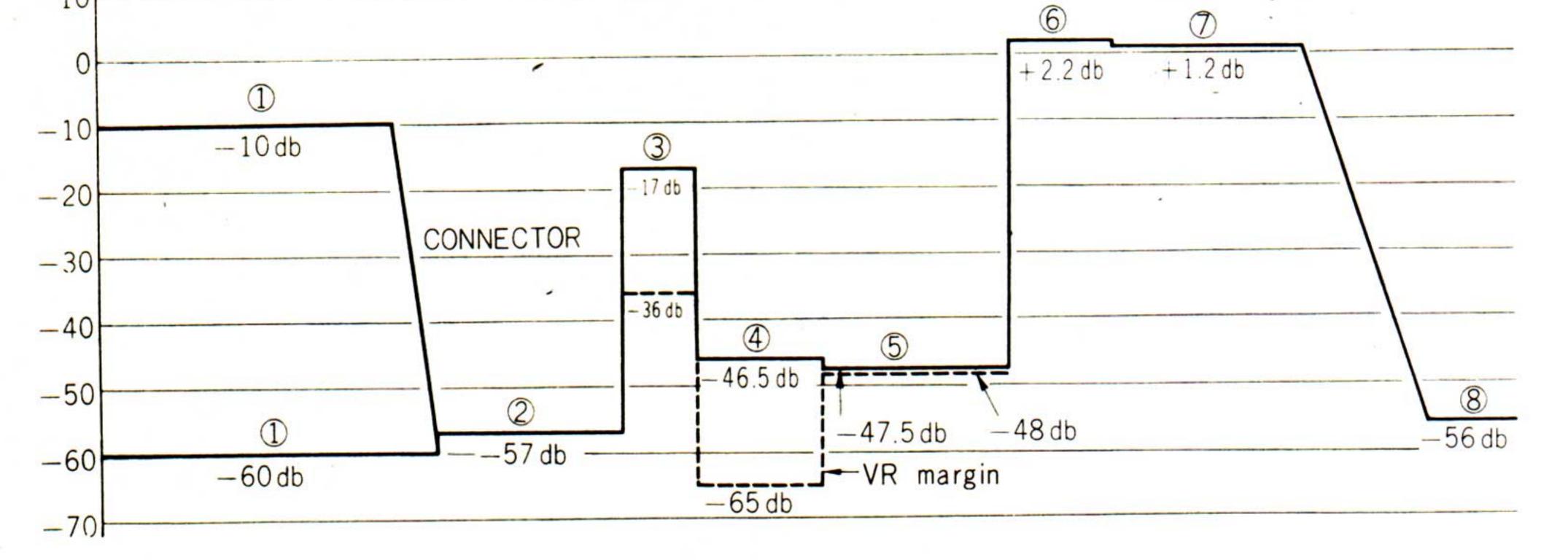
PO(ITION) DN

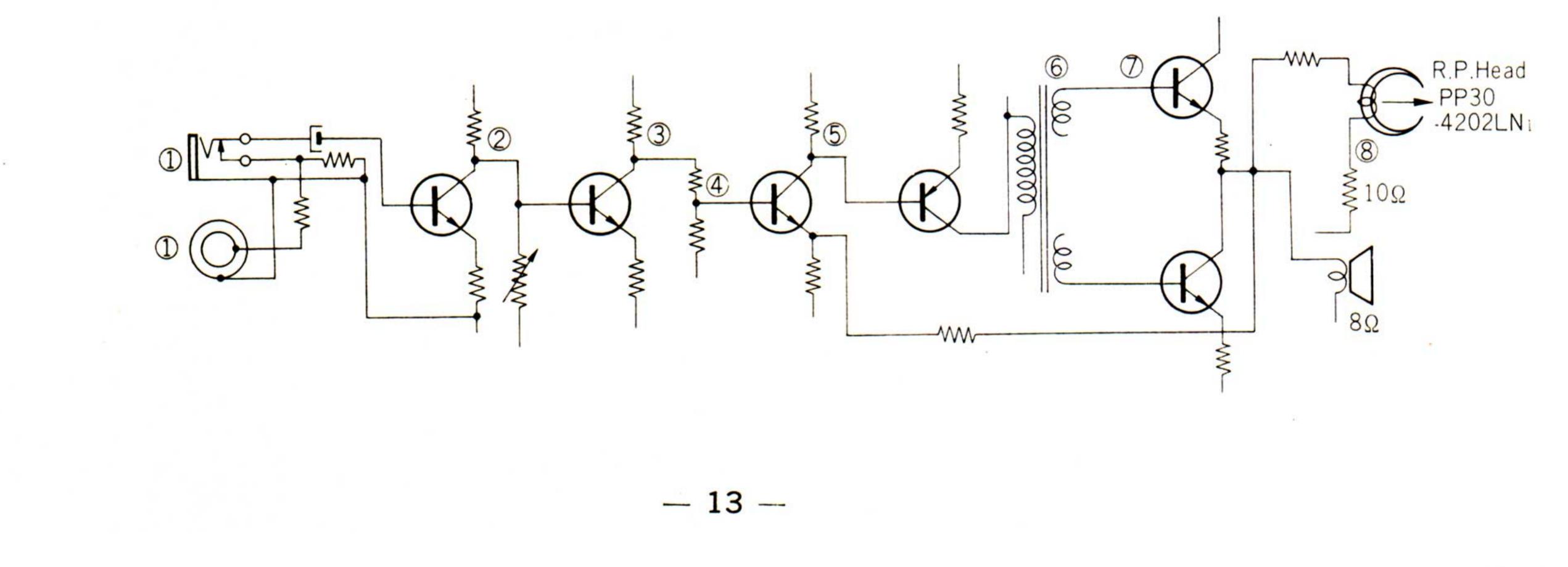
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Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
A1	X-34290-01-	AUTOMATIC SHUT-OFF	3	3-429-103-	BRACKET, power transformer
		ACTUATOR ASS'Y			for UL & CSA
A2	X-34290-02-	PANEL ASS'Y, control	3	3-429-302-	BRACKET, power transformer
A3	X-34290-03-	BRACKET ASS'Y, volume control	I		for E
A4	X-34290-04-	BRACKET ASS'Y, auto/manual	4	3-429-104-	HUMBUCK RING, motor
		indicating plate	5	3-429-105-	SUPPORT, humbuck ring
A5	X-34290-05-1	KNOB ASS'Y, control	6	3-429-106-	PLATE, motor noise shield
A6	X-34292-01-	CABINET ASS'Y, main body	7	3-429-107-	BRACKET, printed circuit board
A7	X-34292-02-	CABINET ASS'Y, lid			mounting (preamp)
A8	X-34290-09-	BASE PLATE ASS'Y (chassis)	8	3-429-108-	BRACKET, printed circuit board
	X-34290-10-2	CARTON ASS'Y			mounting (preamp)
A9	X-34240-05-	LOCK SLIDE ASS'Y	9	3-429-109-	BRACKET, printed circuit board
A10	X-34240-02-	LEVER ASS'Y, pinch			mounting (main amp)
A11	X-34240-03-	CAM ASS'Y, lock plate	10	30429-110-	BRACKET, printed circuit board
	X-34240-06-	LOCK SLIDER MECHANISM			(main amp)
	•	ASS'Y	11	3-429-111-	LEVER, recording button
A12	X-34180-04-3	CAPSTAN SHAFT ASS'Y		3-429-112-	SPRING, auto/manual indicating
A13	X-34180-05-3	CAM ASS'Y, function selector			plate; mounting bracket
A14	X-34180-06-	ARM ASS'Y, capstan idler	12	3-429-113-	CAM, auto/manual selector
A15	X-34300-27-	ARM ASS'Y, take-up idler	13	3-429-114-	SPACER, speaker ON/OFF switch
A16	X-34290-12-	LEVER ASS'Y, speed selector	14	3-429-115-	INDICATING PLATE, jack
A17	X-34180-09-	ARM ASS'Y, rewind idler	15	3-429-116-	HEAT SINK, transistor 2SD28
A18	X-34300-02-	LEVER ASS'Y, capstan idler	16	3-429-118-	PULL LEVER, rec./p.b. switch
		release	17	3-429-119-	PULL ROD, rec./p.b. switch
A19	X-34180-11-4	CAM ASS'Y, recording lock plate			controlling
A20	X-34180-12-	ARM ASS'Y, brake (take-up reel)	18	3-429-120-	PLATE (A), terminal protector
	X-34180-36-	LEVER ASS'Y, instant stop brake		3-429-121-	SHAFT, function selector
A21	X-34180-14-1	JOINT LEVER ASS'Y, function		3-429-122-	CUSHION, printed circuit board
		selector cam & slider		3-429-123-	BUFFER SPRING, pull rod
A22	X-34180-15-	DRUM ASS'Y, take-up spindle		3-429-124-	PLATE, insulating for UL & CSA
A23	X-34180-17-3	REWIND IDLER ASS'Y		3-429-125-	PLATE (B), terminal protector
A24	X-34180-19-3	HEAD COVER ASS'Y for E & CSA		3-429-126-	BAG, polyethylene
	X-34180-19-4	HEAD COVER ASS'Y for UL		3-429-127-	VIBRATION ABSORBER
A25	X-34180-26-	DECK ASS'Y, feed reel table		3-429-128-	COVER, protecting for UL
A26	X-34180-27-	LEVER ASS'Y, pinch roller shift		3-429-201-	LABEL, specification for UL
A28	X-34180-30-1	ARM ASS'Y, stepper		3-429-801-	LABEL, specification for E
A29	X-34180-33-4	MOUNTING PLATE ASS'Y,		3-429-901-	LABEL, specification for CSA
		motor pulley		3-418-009-	SHAFT, pinch roller shifter
A31	X-34180-37-	KNOB ASS'Y, function selector	19	3-418-011-	JOINT, pinch lever & shifter
A32	X-34180-39-	TABLE ASS'Y, take-up reel	20	3-418-013-	SHIFTER, tape pad
A33	X-34180-40-	TABLE ASS'Y, feed reel	22	3-418-018-	SHAFT, take-up reel table
A40	X-34180-41-2	COUNTER ASS'Y, tape index	21	3-418-019-	SHAFT, feed reel table
A35	X-34188-02-2	HEAD DECK ASS'Y	24	3-418-020-	SPACER, feed reel table shaft
A34	X-34188-03-3	REEL PANEL ASS'Y	23	3-418-021-	SPACER, take-up reel table shaft
A36	X-00270-03-	CAPSTAN IDLER ASS'Y	25	3-418-023-	PULLEY, tape counter
A37	X-34300-25-	IDLER ASS'Y	26	3-418-033-	LEVER, instant stop knob
A41	X-34300-40-	BRAKE ASS'Y, instant stop	27	3-418-035-	ALIGNING PLATE, instant stop
					knob
			28	3-418-044-	LEVER, rewind arm control
1	3-429-101-	LEG PLATE, deck	29	3-418-051-	LEVER, fast forward lock
	3-429-102-	BRACKET, jack	30	3-418-052-	BRACKET, fast forward clank

	prince and a prince of the opening of the
	mounting (preamp)
09-	BRACKET, printed circuit board
	mounting (main amp)
10-	BRACKET, printed circuit board
	(main amp)
11-	LEVER, recording button
12-	SPRING, auto/manual indicating
	plate; mounting bracket
13-	CAM, auto/manual selector
14-	SPACER, speaker ON/OFF switch
15-	INDICATING PLATE, jack
16-	HEAT SINK, transistor 2SD28
18-	PULL LEVER, rec./p.b. switch
19-	PULL ROD, rec./p.b. switch
	controlling
20-	PLATE (A), terminal protector

1



Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
31	3-418-053-	FAST FORWARD CLANK	80	3-418-208-	BELT, idler
32	3-418-054-	SPACER, stepper arm	81	3-418-210-10	PULLEY 50 Hz, motor
33	3-418-055-	SHAFT, fast forward lock lever			except UL & CSA
34	3-418-060-	SHAFT, capstan idler arm	81	3-418-211-10	PULLEY 60 Hz, motor
35	3-418-061-	SHAFT, speed selector knob	82	0-007-259-	TAPE PAD, rec./p.b. head
36	3-418-065-	RECORD LOCK LEVER	83	0-027-022-	SUPPORT, take-up spindle drum
37	3-418-069-	SPRING, capstan idler arm	85	0-027-134-	SPACER, take-up brake arm etc.
38	3-418-070-	SPRING, fast forward idler arm	86	0-027-193-	SPRING, pinch lever
39	3-418-072-	SPRING, record lock lever	87	0-027-216-	OIL RING, rewind & capstan idler
40	3-418-073-	SPRING, capstan idler arm shaft	88	0-027-220-	PAPER WASHER 5 ϕ , rewind idler
41	3-418-074-	SPRING, speed selector lever	89	0-027-245-	FELT, oil absorber on support
42	3-418-075-	SPRING, capstan idler release lever	90	0-027-473-	TAPE PAD, erase head
43	3-418-077-	SPRING, fast forward idler arm	91	0-037-249-	SPLIT NUT 2¢
		shaft	92	0-037-406-	TAPE GUIDE
44	3-418-078-	SPRING, instant stop brake lever		0-049-142-	FELT WASHER, fast forward
45	3-418-079-	SPRING, instant stop lever			button
46	3-418-082-	SPRING, pinch roller shaft		0-051-220-	BUFFER SPRING, pull rod
47	3-418-083-	PIN, fast forward clank holding	93	0-056-247-01	BELT, tape counter
48	3-418-084-	SPRING, buffer for rewind idler	94	0-056-322-	OIL RING, fast forward idler
		arm	95	3-103-206-02	WASHER, chassis fixing (special)
49	3-418-085-	SPACER, function selector	96	3-103-527-	RUBBER STAPLE
		cam shaft	97	3-401-156-	WASHER, mini jack insulating
50	3-418-086-	SPACER, instant stop brake lever	99	3-402-654-	TAPE PAD HINGE, rec./p.b. head
51	3-418-091-	SPRING, fast forward lock	100	3-402-655-	TAPE PAD HINGE, erase head
		lever shaft	101	3-402-764-	SPACER, speed selector
53	3-418-106-	HOLDER, capstan shaft			knob shaft
54	3-418-107-	SUPPORT, capstan bearing	100	3-406-902-	ESCUTCHEON, AC adaptor for E
56	3-418-111-	RING CAP, capstan bearing	102	3-409-102-	NYLON WASHER, fast forward
57	3-418-112-	OIL RING, capstan bearing		0.100.100	button & pinch roller
58	3-418-113-02	TAPE SUPPORT, right	103	3-409-108-	NYLON WASHER, reel panel
59	3-418-115- 3-418-117-	NYLON WASHER 8¢, pinch roller	104	3-410-032-	CLAMP, AC power cord
60 61	3-418-117-	CUSHION, volume unit meter	105	2 4 1 0 0 4 4	except CSA
62	3-418-137-	KNOB, speed selector BUTTON, fast forward	105	3-410-044-	CAP, metalized paper
63	3-418-139-	BUTTON, record	115	3-413-072-	SPACER, screw RK 2.6
64	3-418-163-	FIXTURE, carry ing handle	115	3-419-211- 3-421-074-	CAP, capstan idler
66	3-418-165-	SHAFT, fast forward idler arm	106 107	3-421-074-	SPRING, rewind release SPACER, microphone jack
67	3-418-166-	SPECIAL WASHER, rewind idler	107	3-421-120-	BRACKET, automatic shut-off
68	3-418-167-	TAPE SUPPORT, left	100	5-424-015-	actuator lock
	3-418-168-	SPRING, recording reset	109	3-424-030-	GUIDE, automatic shut-off
70	3-418-171-	SPRING, tape guide height	105	5424050	actuator
71	3-418-179-		110	3-424-032-	SPRING, automatic shut-off
73	3-418-191-	SCREW, rec./p.b. head height lock		5121052	actuator
74	3-418-193-	KNOB, instant stop	112	3-811-032-	HEAT SINK, transistor 2SB383
72	3-430-234-	NYLON WASHER 16¢,	113	3-005-001-70	SPRING, rec./p.b. head height
12		pinch lever			adjusting
75	3-430-233-	PINCH ROLLER		3-401-179-	LUG, cord stopping for UL & CSA
76	3-430-231-	OIL RING, pinch roller		3-401-179-	LUG, cord stopping for E
77	3-430-235-	SPACER, pinch roller		3-405-407-	WASHER, thrust; drive wheel
78	3-418-201-	SPRING, feed brake arm		3-409-124-	NYLON WASHER
79	3-418-204-	CARRYING HANDLE		3-419-098-	NYLON WASHER 52 for UL
79	3-418-204-	CARRYING HANDLE		3-419-098-	NYLON WASHER 52 for UL



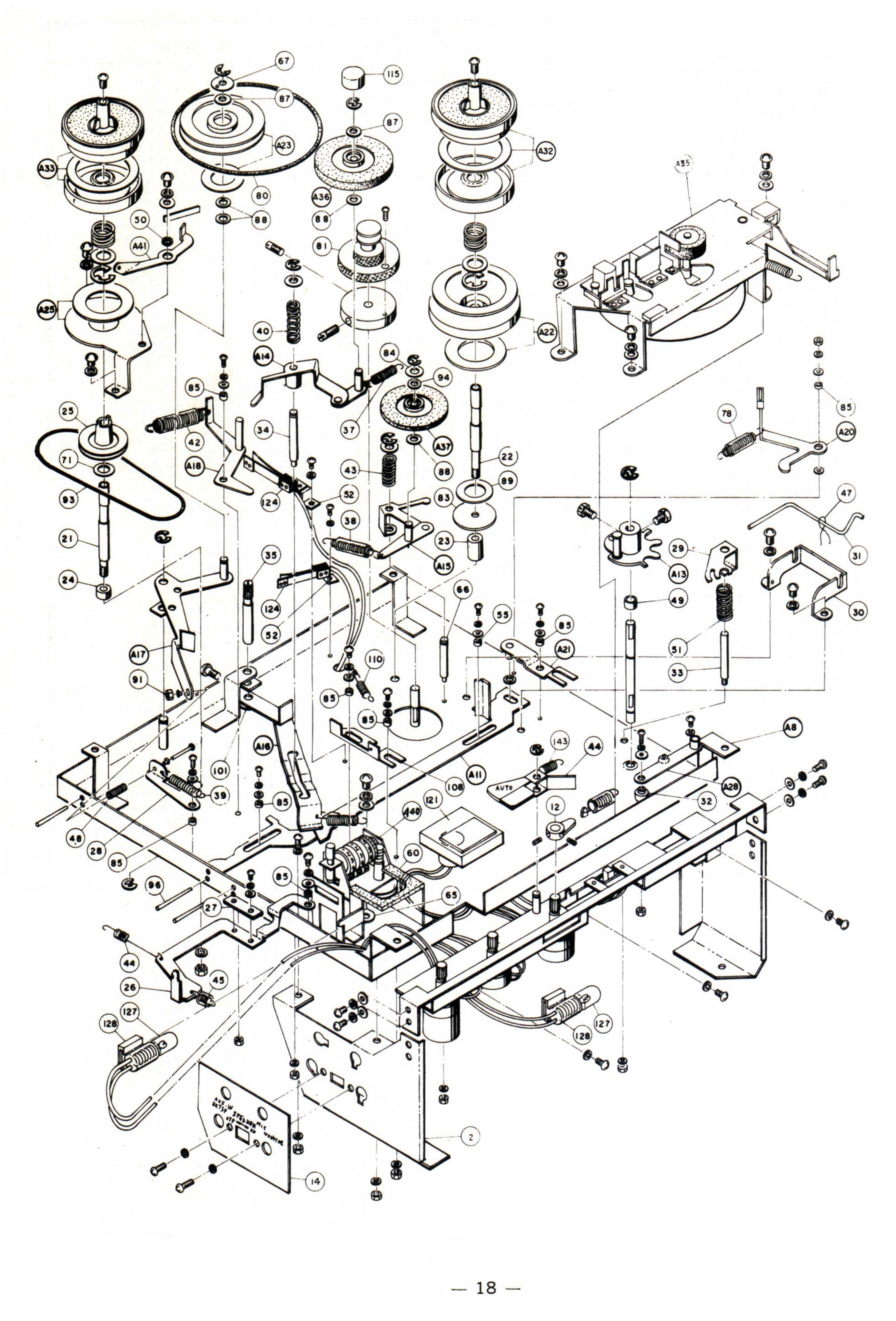
Ref. No.	Part No.	Part No. Ref. No.		Part No.	Description			
113	3-419-438-	COVER, fuse post		7-621-255-56	SCREW, machine; \oplus P 2.6×8			
	3-424-065-	SPACER, speed selector lever		7-621-261-25	SCREW, machine; \oplus P 3x4			
	3-430-022-	CUSHION, panel		7-621-265-32	SCREW, machine; ⊕ P 3x5			
140	3-430-113-	SHAFT, pinch roller		7-621-261-45	SCREW, machine;			
	3-430-159-	CAP, capstan shaft oil		7-621-261-62	SCREW, machine;			
	3-430-214	TAPE GUIDE		7-621-261-65	SCREW, machine; ⊕ P 3×10			
	3-430-215-	SHAFT, tape guide		7-621-261-75	SCREW, machine;			
	3-430-224-	SPRING, tension coil		7-621-261-85	SCREW, machine;			
	3-430-232-	CAP, pinch roller		7-621-268-35	SCREW, machine;			
	0-041-310-	MOLD, terminal strips		7-621-268-45	SCREW, machine;			
				7-622-268-55	SCREW, machine;			
	0-041-127-01	ACCESSORY BAG for 50 Hz		7-621-659-66	SCREW, machine;			
	0-041-127-02	ACCESSORY BAG for 60 Hz		7-621-269-56	SCREW, machine;			
	1-504-034-12	MAGNETIC EARPHONE ME-20		7-621-461-52	SCREW, machine; \oplus T 3×8			
	1-534-033-13	CONNECTION CORD RK-69		7-621-461-56	SCREW, machine; \oplus T 3×8			
	3-401-193-02	TAPE COTTON		7-621-462-62	SCREW, machine; \oplus T 3x30			
	3-403-810-	BAG, microphone protecting		7-621-770-78	SCREW, machine; \oplus B 3×12			
	3-407-956-	LABEL, caution for CSA		7-621-713-35	SCREW, machine; set 3x5			
	3-419-752-	SPECIFICATION, fuse capacitor		7-621-840-72	SCREW, machine; wood			
	5 115 152	for E & CSA		7-021-040-72	\oplus R 2.1×6.3 for E			
	3-427-291-	LABEL, caution for UL		7-623-205-22	WASHER, spring; 2ϕ			
	3-701-020-	BAG, check sheet		7-623-207-22	WASHER, spring; 2.6ϕ			
	3-701-025-01	SPLICING TAPE SP-2 for E		7-623-207-22	WASHER, spring; 2.0ϕ WASHER, spring; 3ϕ			
	3-701-025-01	LABEL, serial number		7-623-210-22				
	3-701-030-	ENVELOPE, IBM card for UL		7-623-210-22				
	3-701-031-	CARD, quality control for UL		7-623-105-12				
	3-701-034-	WARRANTY CARD for UL		7-623-107-12	WASHER, plain; 2.6ϕ			
	3-701-055-	BAG, accessory		7-623-107-12	WASHER, plain; 2.0ϕ WASHER, plain; 3ϕ			
	3-790-224-14	MANUAL, instruction for E		7-623-110-12	WASHER, plain; 4ϕ			
	3-790-224-14	MANUAL, instruction for UL		7-623-112-12	WASHER, plain; 5ϕ			
	3-790-224-22	MANUAL, instruction for CSA		7-622-108-02	NUT 3ϕ			
	3-793-010-20	TAPE TALK		7-622-110-02	NUT 4ϕ			
	3-793-044-	IMPORTANT, carton for UL		7-622-212-01	WASHER 5ϕ			
	3.793-105-	WARRANTY CARD for CSA		7-622-408-11	NUT; speed 3ϕ			
	3-793-105-	GUARANTEE CARD for CSA		7-623-508-01	LUG 3ϕ			
	3-793-183-	INSPECTION CARD		7-623-624-01	EYELET 2.5×5			
				7-623-632-01	ETELET 2.5X5 EYELET 3x4			
		811-960-30 MICROPHONE F-96 (MTL)			RETAINING RING E-3			
	8-813-651-	LABEL, color indicating SONY-O-MATIC REEL R-5A		7-624-105-05				
	8-860-105-			7-624-108-05				
	8-918-212-	TAPE DME-522 except UL		7-624-109-05	RETAINING RING E-5			
	X-37010-18-	HEAD CLEANING RIBBON		7-623-308-05	WASHER, lock; int. tooth 3ϕ			
		ASS'Y except UL		7-623-408-05	WASHER, lock; ext. tooth 3ϕ			
	7-621-255-22	SCREW, machine; \oplus P 2x4						
	7-612-255-42	SCREW, machine; \oplus P 2×6						
	7-621-255-52	SCREW, machine; \oplus P 2×8						
	7-621-255-72	SCREW; machine; ⊕ P 2×10						
	7-621-256-22	SCREW, machine; ⊕ P 2×20		NOTE:	E = STANDARD MODEL			
	7-621-259-12	SCREW, machine; ⊕ P 2.6×3			UL = USA			
	7-621-259-32	SCREW, machine;			CSA = CANADA			
	7-621-255-42							
	7-621-255-52	SCREW, machine; ⊕ P 2.6×8						



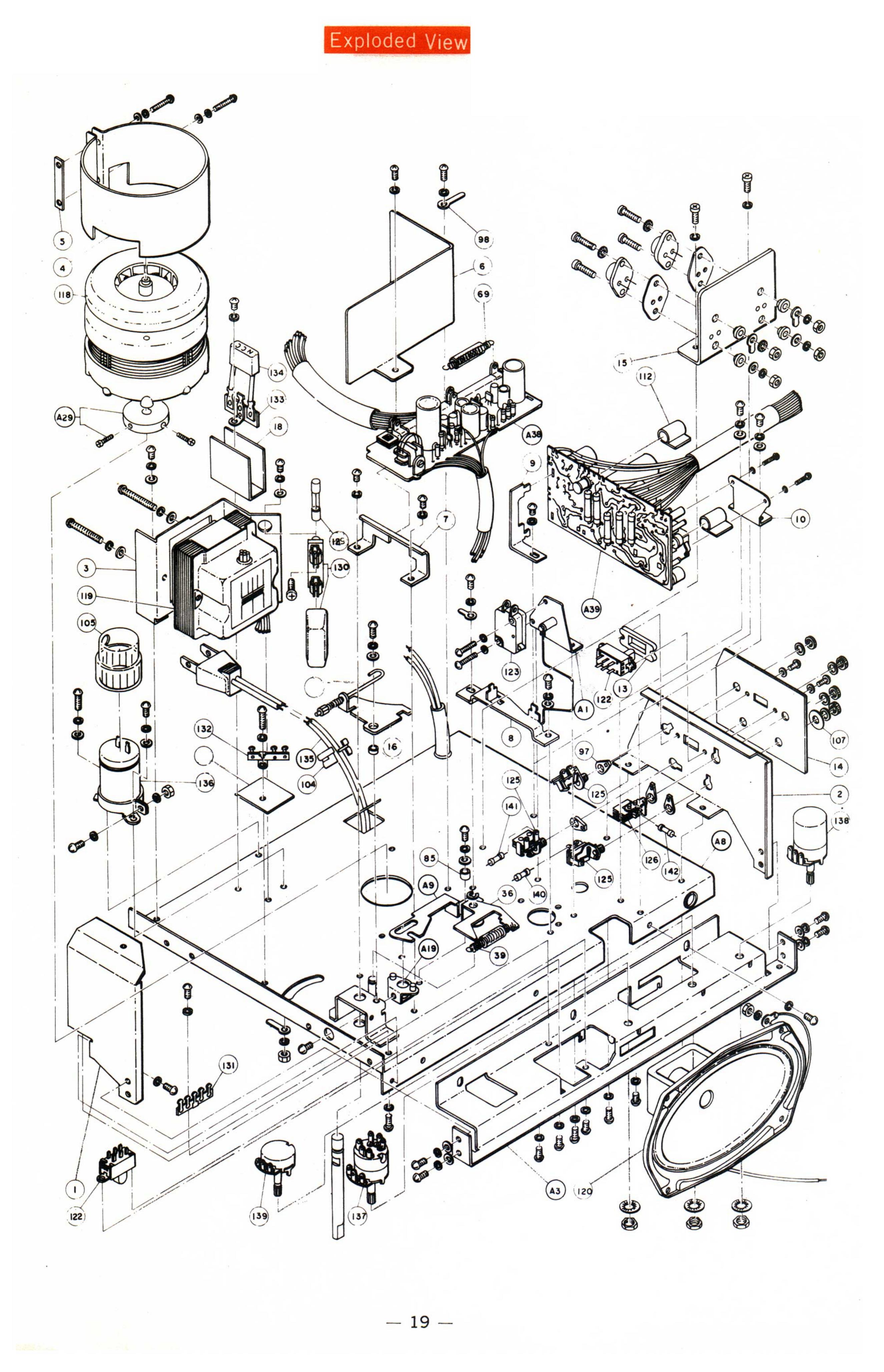
No.	Part No.		Descri	ption		Ref. No.	Part No.		Descrip	otion	•
		Preamplifie	er Block				1 242 (40	100Ω	±10%	1⁄4W	R26
A38	X-34290-55-1			reamplifier:	mounted		1-242-649-			and the state of the	R39
	1-538-416-12						1-242-661-	330Ω	±10%	1/4W	
1	1-330-410-12	TRANSIST		•	printed		1-242-665-	470Ω	±10%	1/4W	R27
					NI.		1-242-683-	$2.7k\Omega$	±10%	1/4W	R25
)2A X8 (Lo	ow Noise)		1-242-693-	6.8 Ω	±10%	1/4W	R28
		DIODE 1T					1-242-695-	8.2kΩ	±10%	1/4W	R23
	1-427-182-11			-			1-242-703-	18kΩ	±10%	1/4W	R24,38
	1-513-220-14	SWITCH, r	ec./p.b.; s	lide S1							
	1-221-630-	RESISTOR	, adjustabl	le, carbon				CAPACITO	B electro	lytic	
		22kΩ (]	B) R46				1-121-388-	1000µF	35V	C32	
		RESISTOR	carbon					500µF	25V		
	1-242-683-	2.7kΩ	±5%	1⁄4W	Do		1-121-234-			C20	
		The second second		and the state of t	R8		1-121-081-	500µF	15V	C13	
	1-242-691-	5.6kΩ	±5%	1⁄4W	R ₅		1-121-297-	200µF	25V	C17	
	1-242-709-	33kΩ	±5%	1⁄4W	R6		1-121-356-	$100\mu F$	15V	C25	
	1-242-705-	$22k\Omega$	±5%	1/4W	R3		1-121-292-	$100 \mu F$	12V	C18	
	1-242-641-	47Ω	±10%	1/4W	R10		1-121-290	100µF	3V	C16	
	1-242-645-	68Ω	±10%	1/4W	R4		1-121-349-	30µF	10V	C14	
	1-242-649-	100Ω	±10%	1/4W	R45		1-121-344-	3µF	25V	C12	
	1-242-663-	390Ω	±10%	1/4 W	R9		1 141 544-	- Mar	201	012	
	to yet interes Statestates	100 C 100 C 100 C	ALL CONTRACTOR					CARACITO	D mul		
	1-242-665-	470Ω	±10%	1/4W	R16			CAPACITO		00077	0
	1-242-673-	lkΩ	±10%	1/4W	R7		1-105-745-12		±10%	200V	C27
	1-242-681-	$2.2k\Omega$	±10%	1/4W	R42		1-105-743-12	0.0015µF	±10%	200V	C28
	1-242-687-	3.9kΩ	±10%	1/4W	R15		1-105-843-12	0.068µF	±20%	50V	C19
	1-242-693-	6.8kΩ	±10%	1/4W	R47		1-105-841-12	0.047µF	±20%	50V	C15
	1-242-695-	8.2kΩ	±10%	1/4W	R40			$0.01 \mu F$	±20%	50V	C24
	1-242-697-	10kΩ	±10%	1/4W	R17		1-105-055-12	0.0101	-2070	001	
	1-242-699-							04040170	D		
	and the second se	$12k\Omega$	±10%	1/4W	R43			CAPACITO			Cas
8	1-242-703-	18kΩ	±10%	1⁄4W	R18		1-129-344-	0.0068µF	±10%	500V	C23
	1-242-707-	$27k\Omega$	±10%	1/4W	R18						
	1-242-709-	33kΩ	±10%	1/4W	R14			CAPACITO	R, silvered	mica	
	1-242-733-	330kΩ	±10%	1⁄4W	R12		1-107-006-	330pF	±10%	500V	C21
		CAPACITOR, electrolytic					GENERAL	BLOCK			
	1-121-186-	$1000\mu F$	12V	C30						00 V	
	1-121-081-	500µF	15V	C3				TRANSIST			
	1-121-359-	500µF	6V	C26			82-1242-27-	Rec./P.B. H	IEAD I	P30-4202	LN1
	1-121-294-	200µF	3V	C10			82-6629-21-	ERASE HE	AD I	EF18-2902	H
	1-121-290-	100µF	3V	C7			83-2624-07-	MOTOR IC	-624S2		
	1-121-287-	50µF	3V	C5			1-441-241-13S	the second se		wer for UI	& CSA
							1-441-268-12S				
	1-121-284-	30µF	6V	C2,8,29					KMER, pt	JWCI IUI L	
							1-502-147-	SPEAKER			
		CAPACITO	R, mylar				1-509-064-13S				
	1-105-677-12	$0.022 \mu F$	±10%	50V	C9		1-524-020-	METER, vo			
	1-105-669-12	0.0047µF	±10%	50V	C31		1-513-091-02	SWITCH, t	rack chang	ge; slide S2.	6
	1-105-837-12		±10%	50V	C22		1-513-091-02 1-514-039-02	SWITCH, n	nicro S8	-12; L	JL only
	1-105-827-12		±20%	50V	C1		1-514-041-12	SWITCH, t	ape speed	equalizer; 1	eaf S4.5
	1-105-823-12		±20%	50V	C11		1-507-053-	JACK, mici		-	
								JACK, line	-	-	
	1-105-821-12	0.001µF	±20%	50V	C4		1-507-082-				
						11					
						1	1-518-052-	LAMP, pilo			
		CAPACITO	R, silvered	mica			1-518-052- 1-517-003-	SOCKET, p	oilot lamp		
	1-107-018-	CAPACITO 470PF	R, silvered ±10%	500V	C6				oilot lamp		
	1-107-018- 1-107-028-	and the second se	±10%	500V	C6 C34		1-517-003-	SOCKET, p	oilot lamp		
		470PF		the second second			1-517-003- 1-532-163- 1-533-006-	SOCKET, F FUSE 0.8A FUSE HOL	DER	2	
		470PF 620PF	±10% ±10%	500V 500V			1-517-003- 1-532-163- 1-533-006- 1-536-146-	SOCKET, F FUSE 0.8A FUSE HOL TERMINA	DER L STRIPS	; 1-L-1	UL & CSA
4 20	1-107-028-	470PF 620PF Main Ampli	±10% ±10%	500V 500V	C34		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181-	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA	DER L STRIPS L STRIPS	; 1-L-1 ; 2-L-1 for	UL & CSA
439	1-107-028- X-34290-56-1	470PF 620PF Main Ampli CIRCUIT B	±10% ±10% fier Block OARD, m	500V 500V ain amplifie	C34 r; mounted		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181- 1-536-182-	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA	DER L STRIPS L STRIPS L STRIPS	; 1-L-1 ; 2-L-1 for ; 2-L-2	
A39	1-107-028-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B	±10% ±10% fier Block OARD, m OARD, m	500V 500V ain amplifie ain amplifie	C34 r; mounted		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181-	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI	DER DER L STRIPS L STRIPS L STRIPS	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN	
A39	1-107-028- X-34290-56-1	470PF 620PF Main Ampli CIRCUIT B	±10% ±10% fier Block OARD, m OARD, m	500V 500V ain amplifie ain amplifie	C34 r; mounted		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181- 1-536-182-	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA	DER DER L STRIPS L STRIPS L STRIPS	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN	
A39	1-107-028- X-34290-56-1	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B	±10% ±10% fier Block OARD, m OARD, m OR 2SC40	500V 500V ain amplifie ain amplifie 02A	C34 r; mounted		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181- 1-536-182- 1-101-534-	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120	DER L STRIPS L STRIPS L STRIPS L STRIPS L ATED CO Ω 500V fo	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL	T
439	1-107-028- X-34290-56-1	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST	±10% ±10% fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38	500V 500V ain amplifie ain amplifie 2A 1	C34 er; mounted er; printed X3		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181- 1-536-182- 1-101-534-	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC	DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo R, metaliz	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL	T
439	1-107-028- X-34290-56-1	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST	±10% ±10% fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38	500V 500V ain amplifie ain amplifie 2A 1	C34 r; mounted r; printed X3 X4 X4 X7		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181- 1-536-182- 1-101-534- 1-117-035-	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C	DER DER L STRIPS L STRIPS L STRIPS L STRIPS L STRIPS Δ 500V fo OR, metaliz SA	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL or UL	T
A39	1-107-028- X-34290-56-1 1-538-417-14	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE	±10% ±10% fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 OR 2SB38	500V 500V ain amplifie 2A 1 3	C34 r; mounted r; printed X3 X4 X4 X7 D3,4		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181- 1-536-182- 1-101-534- 1-117-035- 1-534-557-21	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWER	DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo OR, metaliz SA CORD fo	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL or UL	T
A39	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B CIRCUIT B TRANSIST TRANSIST DIODE DIODE DRIVER T	±10% ±10% fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 OR 2SB38 SD-1Z RANSFO	500V 500V ain amplifie ain amplifie 2A 1 3 RMER	C34 er; mounted r; printed X3 X4 X4 X7 D3,4 T1		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181- 1-536-182- 1-101-534- 1-534-557-21 1-534-487-22	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWER AC POWER	DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo OR, metaliz SA CORD fo CORD fo	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL or UL or UL or UL or E	T
A39	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11 1-433-084-11	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B CIRCUIT B TRANSIST TRANSIST DIODE DRIVER T TRANSFOI	±10% ±10% fier Block OARD, m OARD, m OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 OR 2SB38 SD-1Z RANSFOI RMER, bia	500V 500V ain amplifie ain amplifie 2A 1 3 RMER	C34 er; mounted r; printed X3 X4 X4 X7 D3,4 T1		1-517-003- 1-532-163- 1-533-006- 1-536-146- 1-536-181- 1-536-182- 1-101-534- 1-117-035- 1-534-557-21 1-534-487-22 1-534-608-	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWER AC POWER	DER DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo OR, metaliz SA CORD fo CORD for C	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL or UL or UL or E SA	T
A39	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B CIRCUIT B TRANSIST TRANSIST DIODE DIODE DRIVER T	±10% ±10% fier Block OARD, m OARD, m OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 OR 2SB38 SD-1Z RANSFOI RMER, bia	500V 500V ain amplifie ain amplifie 2A 1 3 RMER	C34 er; mounted r; printed X3 X4 X4 X7 D3,4 T1		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-181-$ $1-536-182-$ $1-101-534-$ $1-101-534-$ $1-534-557-21$ $1-534-557-21$ $1-534-608-$ $1-431-006-$	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITO for UL & C AC POWER AC POWER AC POWER POWER CO HUMBUCK	DER DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo Ω 500V fo R, metaliz SA CORD for C CORD for C COLL I	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL or UL or UL or E SA _2,3	T 233 1.5µF
A39	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11 1-433-084-11	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO	±10% ±10% fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38	500V 500V ain amplifie ain amplifie 2A 1 3 RMER	C34 er; mounted r; printed X3 X4 X4 X7 D3,4 T1		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-181-$ $1-536-182-$ $1-101-534-$ $1-101-534-$ $1-534-557-21$ $1-534-608-$ $1-534-608-$ $1-431-006-$ $1-221-641-$	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITO for UL & C AC POWER AC POWER AC POWER POWER CO HUMBUCK	DER DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo Ω 500V fo R, metaliz SA CORD for C CORD for C COLL I	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL or UL or UL or E SA _2,3	T 233 1.5µF
	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11 1-433-084-11 1-431-038-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO RESISTOR,	±10% ±10% fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2 OR 2 OR 2 OR 2 OR 2 OR 2 OR 2 OR 2	500V 500V ain amplifie 2A 1 3 RMER is oscillator	C34 er; mounted X3 X4 X7 D3,4 T1 T3 L1		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-181-$ $1-536-182-$ $1-101-534-$ $1-101-534-$ $1-534-557-21$ $1-534-608-$ $1-534-608-$ $1-431-006-$ $1-221-641-$	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWER AC POWER AC POWER AC POWER FOWER CC HUMBUCK	DER DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo Ω 5	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL or UL or UL or E SA $_{2,3}$ k Ω R11 wi	T 233 1.5µF ith S11
	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11 1-433-084-11 1-431-038- 1-204-530-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO RESISTOR, 82Ω	$\pm 10\%$ $\pm 10\%$ fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 OR 2SB38 OR 2SB38 SD-1Z RANSFOI RMER, bia OIL carbon $\pm 5\%$	500V 500V ain amplifie ain amplifie 2A 1 3 RMER is oscillator 1 W	C34 r; mounted X3 X4 X7 D3,4 T1 T3 L1 R30,33		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-181-$ $1-536-182-$ $1-101-534-$ $1-101-534-$ $1-534-557-21$ $1-534-608-$ $1-534-608-$ $1-431-006-$ $1-221-641-$	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWER AC POWER AC POWER AC POWER FOWER CO HUMBUCK TONE CON	DER DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo Ω 500V fo OR, metaliz SA CORD for C COIL I SA CORD for C COIL I SA COIL I SA COIL I	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL or UL or UL or E SA $_{2,3}$ k Ω R11 with $_{2,3}$ k Ω R11 with $_{2,3}$	T 233 1.5µF th S11 R19
	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11 1-433-084-11 1-431-038- 1-204-530- 1-204-521-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO RESISTOR, 82Ω 100Ω	±10% ±10% fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2 OR 2 OR 2 OR 2 OR 2 OR 2 OR 2 OR 2	500V 500V ain amplifie 2A 1 3 RMER is oscillator	C34 er; mounted X3 X4 X7 D3,4 T1 T3 L1		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-181-$ $1-536-182-$ $1-101-534-$ $1-101-534-$ $1-534-557-21$ $1-534-608-$ $1-534-608-$ $1-431-006-$ $1-221-641-$	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWER AC POWER AC POWER AC POWER POWER CC HUMBUCK TONE CON VOLUME C with S7	DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo OR, metaliz SA CORD for C COIL I SA CORD for C COIL I SA CONTROL 10 CONTROL 10 CONTROL 10 CONTROL 10	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL zed paper (or UL or E SA $_{2,3}$ k Ω R11 with $_{10k}\Omega(A)$ L -13; for	T 233 1.5µF th S11 R19 CSA & E
	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11 1-433-084-11 1-431-038- 1-204-530-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO RESISTOR, 82Ω	$\pm 10\%$ $\pm 10\%$ fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 OR 2SB38 OR 2SB38 SD-1Z RANSFOI RMER, bia OIL carbon $\pm 5\%$	500V 500V ain amplifie ain amplifie 2A 1 3 RMER is oscillator 1 W	C34 r; mounted X3 X4 X7 D3,4 T1 T3 L1 R30,33		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-182-$ $1-101-534-$ $1-117-035-$ $1-534-557-21$ $1-534-608-$ $1-431-006-$ $1-221-641-$ $1-221-641-$ $1-221-726-12$ 13	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWER AC POWER AC POWER AC POWER FOWER CO HUMBUCK TONE CON	DER DER STRIPS STRIPS STRIPS LATED CO Ω 500V fo OR, metaliz SA CORD for C COIL I SA CORD for C COIL I SA CONTROL 10 CONTROL 10 CONTROL 10 CONTROL 10	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL zed paper (or UL or E SA $_{2,3}$ k Ω R11 with $_{10k}\Omega(A)$ L -13; for	T 233 1.5µF th S11 R19 CSA & E
	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11 1-433-084-11 1-431-038- 1-204-530- 1-204-521-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO RESISTOR, 82Ω 100Ω 270Ω	$\pm 10\%$ $\pm 10\%$ $\pm 10\%$ fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 SD-1Z RANSFO RMER, bia OIL carbon $\pm 5\%$ $\pm 5\%$ $\pm 5\%$	500V 500V ain amplifie ain amplifie 2A 1 3 RMER is oscillator 1 W 1 W 1 W 1 W	C34 er; mounted X3 X4 X7 D3,4 T1 T3 L1 R30,33 R31,34 R44		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-181-$ $1-536-182-$ $1-101-534-$ $1-101-534-$ $1-534-557-21$ $1-534-608-$ $1-534-608-$ $1-431-006-$ $1-221-641-$	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWEF AC POWEF AC POWEF AC POWEF POWER CC HUMBUCK TONE CON VOLUME C with S7	DER DER L STRIPS L STRIPS L STRIPS L STRIPS L STRIPS L STRIPS L STRIPS L STRIPS L STRIPS CONV for OR, metaliz SA CORD for C CORD for C CORD for C CORD for C CONTROL 10 CONTROL	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL zed paper (or UL or E SA $_{2,3}$ k Ω R11 with $_{10k}\Omega(A)$ L -13; for	T 233 1.5µF th S11 R19 CSA & E
	1-107-028- X-34290-56-1 1-538-417-14 1-433-087-11 1-433-084-11 1-431-038- 1-204-530- 1-204-521- 1-204-529- 1-242-625-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO RESISTOR , 82Ω 100Ω 270Ω 10Ω	$\pm 10\%$ $\pm 10\%$ fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 SD-1Z RANSFO RMER, bia OIL carbon $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$	500V 500V ain amplifie ain amplifie 2A 1 3 RMER is oscillator 1 W 1 W 1 W 1 W 1 W 1 W	C34 er; mounted X3 X4 X7 D3,4 T1 T3 L1 R30,33 R31,34 R44 R29,32		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-182-$ $1-101-534-$ $1-117-035-$ $1-534-557-21$ $1-534-608-$ $1-431-006-$ $1-221-641-$ $1-221-641-$ $1-221-726-12$ 13	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWEF AC POWEF AC POWEF AC POWEF POWER CC HUMBUCK TONE CON VOLUME (with S7 AUTOMAT 15kΩ(D) F	DER DER DER STRIPS STRIPS STRIPS LATED CO OR, metaliz SA CORD for CONTROL DRD for C COIL I SA CORD for C COIL I SA CORD for C COIL I SA CONTROL SA CONTROL SA CONTROL SA CONTROL SA CONTROL SA SA CONTROL SA SA CONTROL SA SA SA SA SA SA SA SA SA SA SA SA SA	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL zed paper (or UL or E SA $_{2,3}$ k Ω R11 with $_{10k}\Omega(A)$ L -13; for	T 233 1.5µF th S11 R19 CSA & E
	1-107-028- X-34290-56-1 1-538-417-14 1-433-087-11 1-433-084-11 1-431-038- 1-204-530- 1-204-521- 1-204-529- 1-242-625- 1-242-625- 1-242-725-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO RESISTOR , 82Ω 100Ω 270Ω 10Ω 150kΩ	$\pm 10\%$ $\pm 10\%$ fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 OR 2SB38 OR 2SB38 SD-1Z RANSFOI RMER, bia OIL carbon $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$	500V 500V ain amplifie ain amplifie 2A 1 3 RMER is oscillator 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W	C34 er; mounted x3 X4 X7 D3,4 T1 T3 L1 R30,33 R31,34 R44 R29,32 R20		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-181-$ $1-536-182-$ $1-101-534-$ $1-117-035-$ $1-534-557-21$ $1-534-608-$ $1-431-006-$ $1-221-641-$ $1-221-641-$ $1-221-726-$ 13 $1-221-725-$	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITO for UL & C AC POWEF AC POWEF AC POWEF POWER CO HUMBUCK TONE CON VOLUME (with S7 AUTOMAT 15kΩ(D) F RESISTOF	DER DER STRIPS	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL zed paper (or UL or E SA $_{2,3}$ k Ω R11 wi $_{2,3}$ k Ω R11 wi	T 233 1.5µF th S11 R19 CSA & E
	1-107-028- X-34290-56-1 1-538-417-14 1-423-087-11 1-433-084-11 1-431-038- 1-204-530- 1-204-521- 1-204-529- 1-242-625- 1-242-725- 1-242-725- 1-242-745-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO RESISTOR , 82Ω 100Ω 270Ω 10Ω 150kΩ 1MΩ	$\pm 10\%$ $\pm 10\%$ fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 SD-1Z RANSFOI RMER, bia OIL carbon $\pm 5\%$ $\pm 5\%$	500V 500V ain amplifie ain amplifie 2A 1 3 RMER is oscillator 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W	C34 er; mounted x3 X4 X7 D3,4 T1 T3 L1 R30,33 R31,34 R44 R29,32 R20 R21		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-182-$ $1-101-534-$ $1-101-534-$ $1-534-557-21$ $1-534-608-$ $1-431-006-$ $1-221-641-$ $1-221-641-$ $1-221-726-$ 13 $1-221-725-$ $1-244-667-$	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITC for UL & C AC POWEF AC POWEF AC POWEF AC POWEF POWER CC HUMBUCK TONE CON VOLUME (with S7 AUTOMAT 15kΩ(D) F	DER DER DER STRIPS STRIPS STRIPS LATED CO OR, metaliz SA CORD for CONTROL DRD for C COIL I SA CORD for C COIL I SA CORD for C COIL I SA CONTROL SA CONTROL SA CONTROL SA CONTROL SA CONTROL SA SA CONTROL SA SA CONTROL SA SA SA SA SA SA SA SA SA SA SA SA SA	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL zed paper (or UL or E SA $_{2,3}$ k Ω R11 with $_{10k}\Omega(A)$ L -13; for	T 233 1.5µF th S11 R19 CSA & E
	1-107-028- X-34290-56-1 1-538-417-14 1-433-087-11 1-433-084-11 1-431-038- 1-204-530- 1-204-521- 1-204-529- 1-242-625- 1-242-625- 1-242-725-	470PF 620PF Main Ampli CIRCUIT B CIRCUIT B TRANSIST TRANSIST TRANSIST DIODE DRIVER T TRANSFOI DUMMY CO RESISTOR , 82Ω 100Ω 270Ω 10Ω 150kΩ	$\pm 10\%$ $\pm 10\%$ fier Block OARD, m OARD, m OARD, m OR 2SC40 OR 2SB38 OR 2SB38 OR 2SB38 OR 2SB38 SD-1Z RANSFOI RMER, bia OIL carbon $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$ $\pm 5\%$	500V 500V ain amplifie ain amplifie 2A 1 3 RMER is oscillator 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W 1 W	C34 er; mounted x3 X4 X7 D3,4 T1 T3 L1 R30,33 R31,34 R44 R29,32 R20		1-517-003- $1-532-163-$ $1-533-006-$ $1-536-146-$ $1-536-181-$ $1-536-182-$ $1-101-534-$ $1-117-035-$ $1-534-557-21$ $1-534-608-$ $1-431-006-$ $1-221-641-$ $1-221-641-$ $1-221-726-$ 13 $1-221-725-$	SOCKET, F FUSE 0.8A FUSE HOL TERMINA TERMINA TERMINA TERMINA ENCAPSUI 0.1µF+120 CAPACITO for UL & C AC POWEF AC POWEF AC POWEF POWER CO HUMBUCK TONE CON VOLUME (with S7 AUTOMAT 15kΩ(D) F RESISTOF	DER DER STRIPS	; 1-L-1 ; 2-L-1 for ; 2-L-2 OMPONEN or UL zed paper (or UL or E SA $_{2,3}$ k Ω R11 wi $_{2,3}$ k Ω R11 wi	T 233 1.5µF th S11 R19 CSA & E

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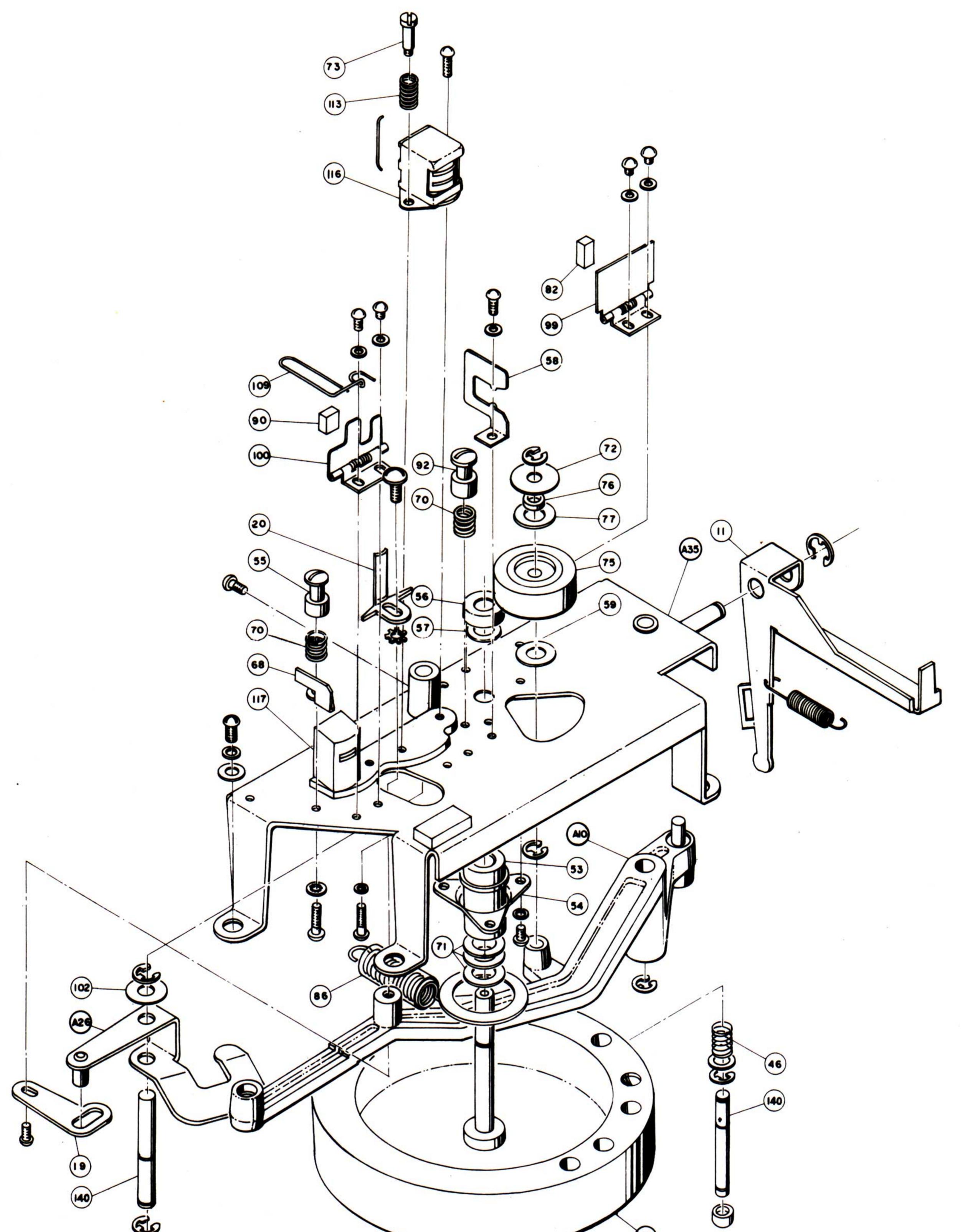






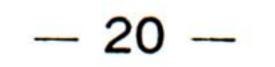






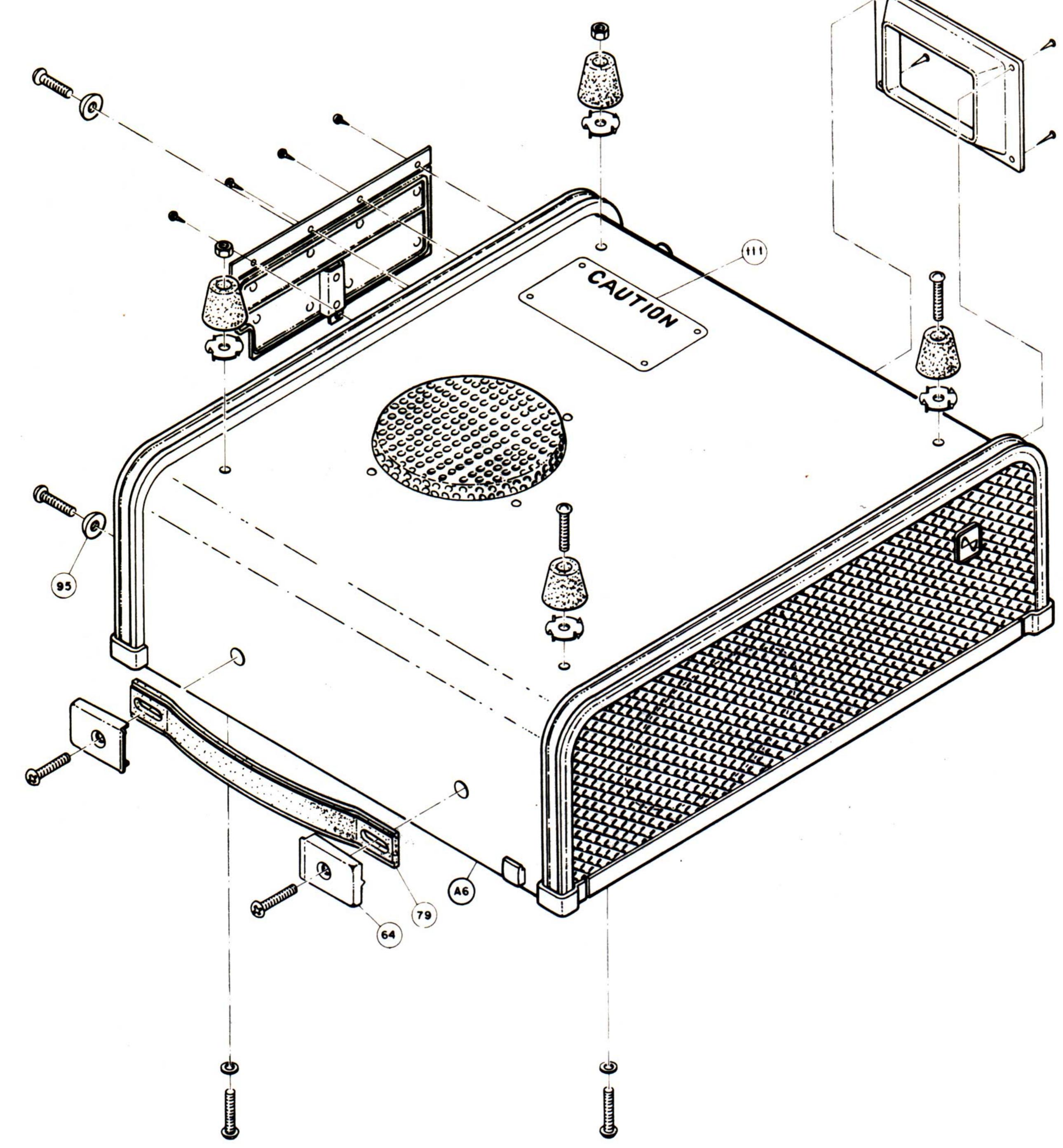


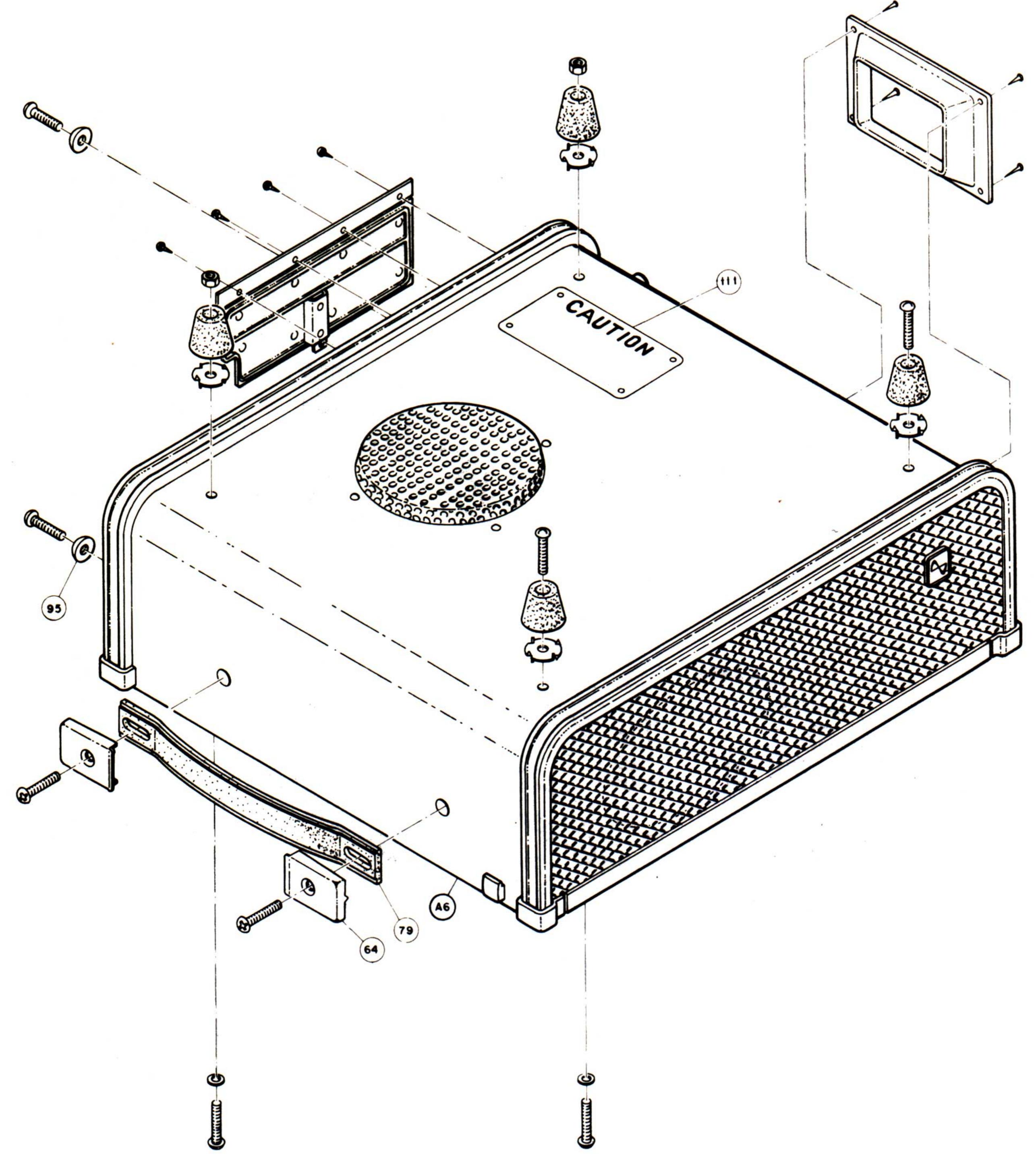
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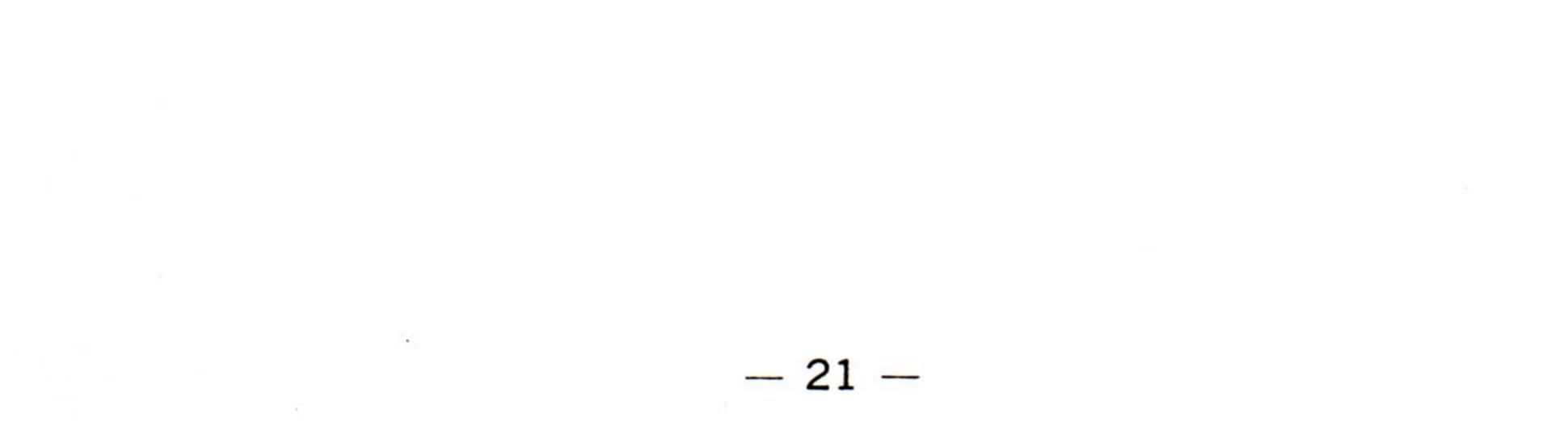




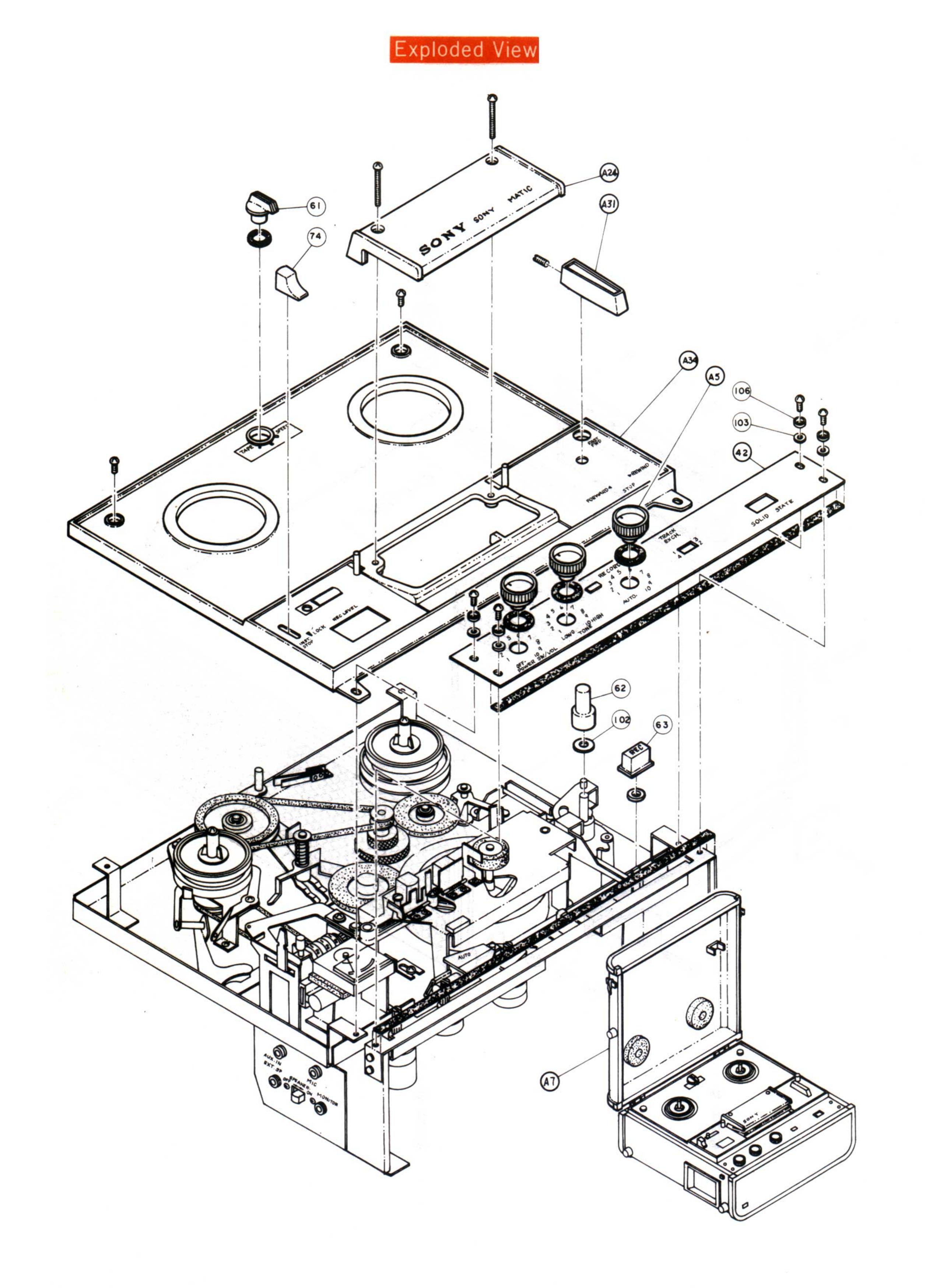








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