



1969

SPEAKER BOX ... 7.2 lbs $\times$ 2 (3.2kg $\times$ 2)

ACCESSORIES

MICROPHONE WITH STAND (NDM-24)	2
7" EMPTY REEL	1

CONTROLS

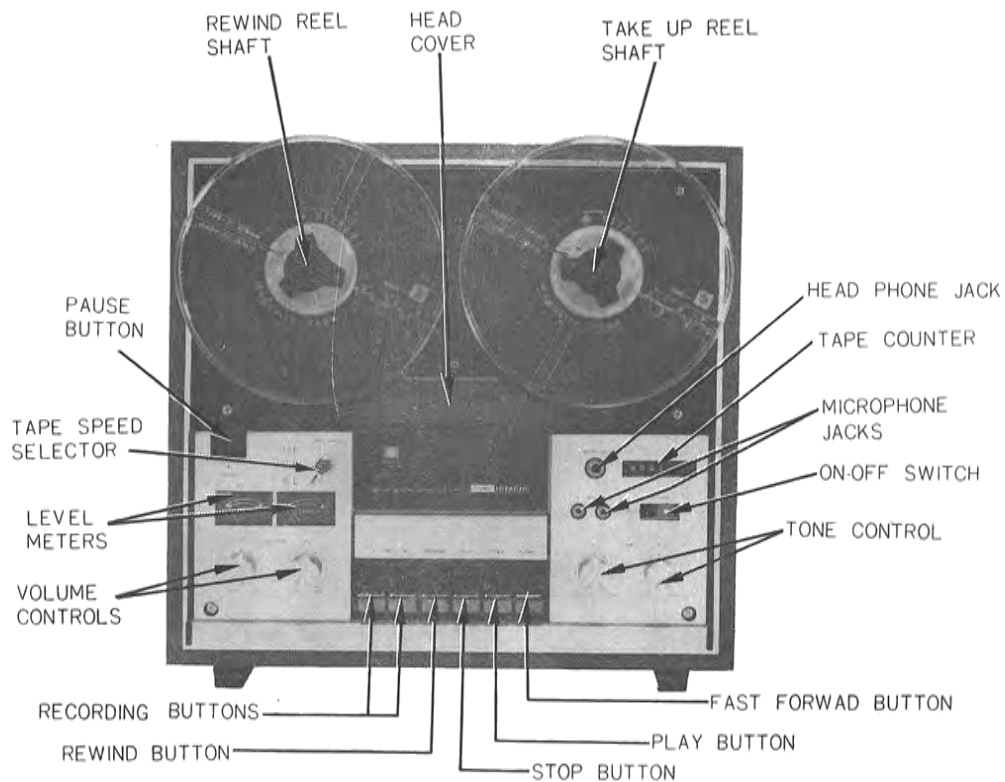


Fig. 1

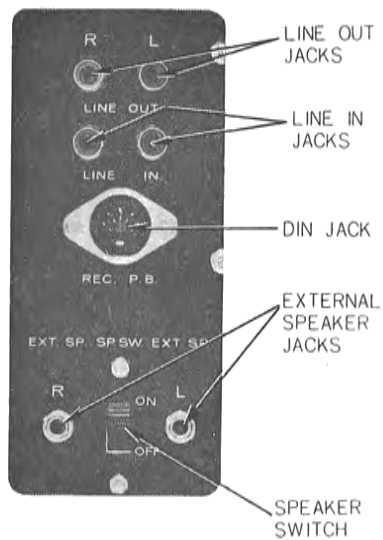


Fig. 2

ADJUSTMENT

1. Adjustment of electric circuit

1) Angle adjustment of recording and playback head

a) Adjustment of tape position

Check whether or not the tape is correctly positioned on the recording and playback head. This adjustment can be made by regulating the height of the tape guide ($\ominus$ screw).

b) Angle adjustment of the tape

Prepare a standard tape for angle adjustment and adjust the screw for angle adjustment so that the voltage of the reproducing output reaches the maximum. Further, connect the V.T.V.M. (vacuum tube voltmeter) on each output side of L channel and R channel to measure respective voltage, and at the same time, check whether or not there is a large difference in the output between both channels. Pay special attention to the pad pressing force and check to see if it is the same for both channels.

After the adjustment, the output level should not change excessively if the pad is slightly pressed manually.

When using an ordinary recorded tape (4-track, 2-channel), adjust the volume of the right and left channels according to the desired volume of sound.

Adjustment is made under conditions of maximum sound volume and high-stressed, high-pitched tone by turning the volume control knob (VOLUME) and tone control knob (TONE) completely to the right (clockwise).

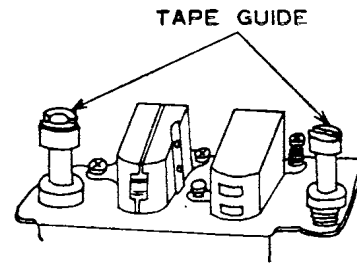


Fig. 8

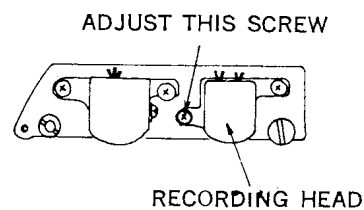


Fig. 9

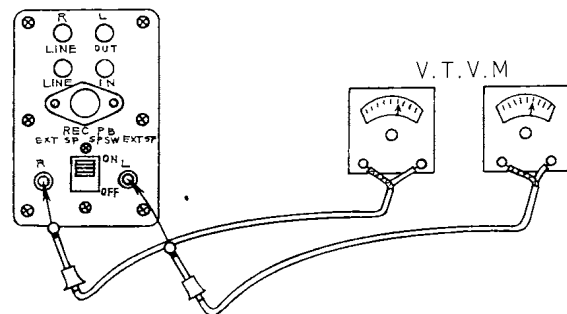


Fig. 10

2) Adjustment of the recording level...Figs. 10, 11 and 12.

a) Place the machine in the recording condition and transmit 1000 Hz low-frequency signals from the low-frequency oscillator to the microphone terminal or LINE IN terminal.

b) Place the SPEAKER switch of the set to ON position, and turn the volume control knob (VOLUME: L or R) completely to the right (clockwise) to gain maximum volume. Then connect the V. T. V. M. (vacuum tube voltmeter) to the speaker terminal as shown in Fig. 10. Adjust the output of the low-frequency oscillator so that the output voltage reaches 0.45V

(Adjust the intensity of input signals). Even when decreasing the input, if the output voltage does not decrease to the predetermined value (0.45V) try to decrease the volume output by turning the volume control knob (VOLUME) to the left (counterclockwise).

c) In this condition, adjust the semi-fixed resistors (VR3, VR6) so that deflection of the level meter pointer indicates a borderline position between black and red.

Adjust { VR3 for L channel (L)
VR6 for R channel (R)

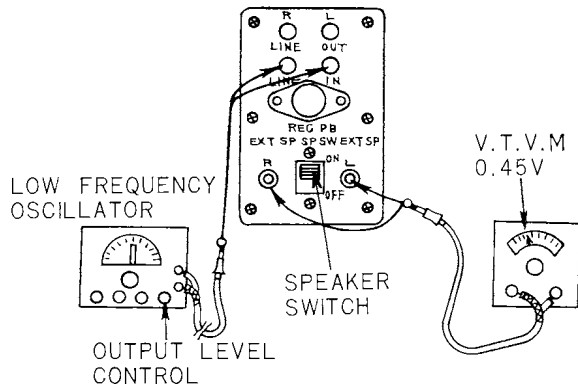


Fig. 11

3) Bias adjustment

Bias oscillating frequency of TRQ-737 is approximately 60KHz. Adjust the bias current in the following way:

- Place the machine in a recording condition.
- Remove the ground side lead wire of the recording and playback head terminal, then connect the resistor (100Ω) and connect the resistor to the ground side.
- Measure the voltage after connecting V.T.V.M. (vacuum tube voltmeter) as shown in Fig. 13, and

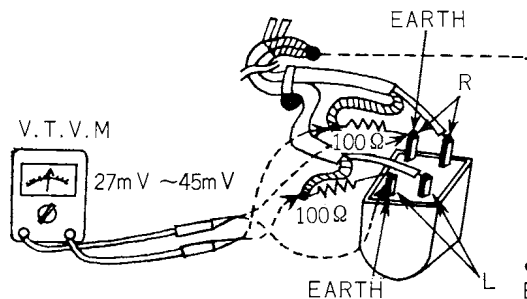


Fig. 13

4) Bias trap adjustment.....Fig. 14

This adjustment is made to eliminate high-frequency which leaks into the audio amplifier circuit from the bias oscillating circuit (oscillating frequency: approx, 60KHz) Adjusting order

- This is begun from L channel (L)
- a) Place the L channel (L) in a playback condition and also place the R channel (R) in a recording condition. Do not insert the microphone and auxiliary cord into the mic-jack (MIC) or the input jack (LINE IN).
- b) Turn the volume control knob (L VOLUME, R VOLUME) and the tone control knob (L TONE,

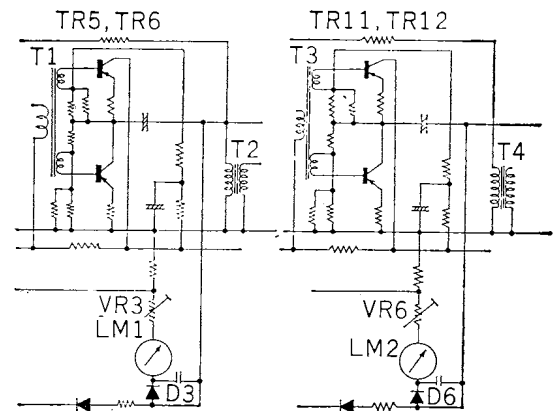
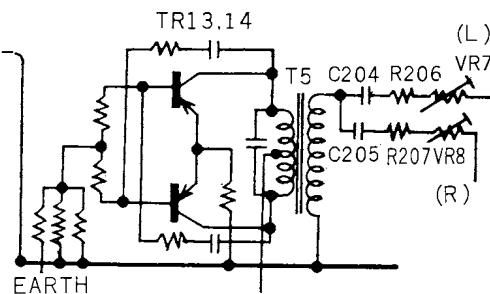


Fig. 12

adjust the semi-fixed resistors (VR7, VR8) so that the voltage is 40mV.

Adjust (VR7 for L channel
VR8 for R channel

- Erasing current of the erasing head is normal when it is within 22~32mA.



R TONE) completely clockwise to produce a maximum output.

- Connect 8Ω pure resistor to the L channel speaker jack (EXTERNAL SPEAKER L) in a playback condition as shown in Fig.14, then connect V.T.V.M. (vacuum tube voltmeter) to both ends of it. A high-frequency voltage leaking from the oscillating circuit is indicated in this condition. Turn the core of the TRAP COIL (L1) to produce minimum voltage (under 40mV).
- Next, adjust the trap for R channel (R), following the same procedures as used in L channel (L) adjustment.

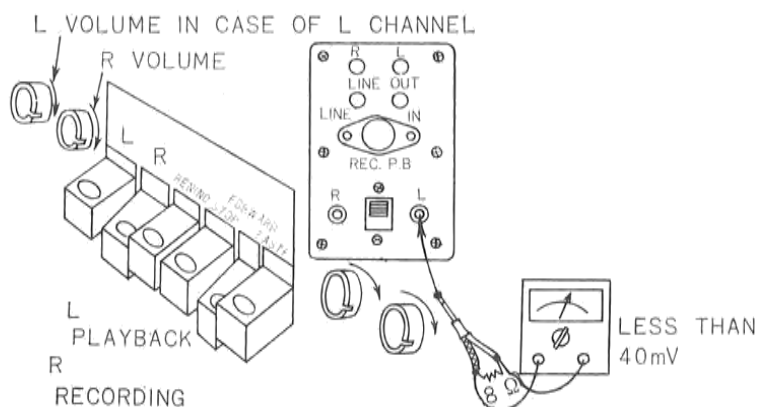


Fig. 14

Adjustment for mechanical sections

1) Pressing force on each section

- a) Pinch roller Pressing force..... $1.0\text{kg} \begin{matrix} +0.3 \\ -0.1 \end{matrix} \text{kg}$.

Measuring method..... Fig. 15

Arrange so that the pinch roller presses against the capstan shaft (playback condition), and pull the pinch roller in a right angle direction against the pinch roller arm. Then measure the slight value remaining, occasioned by using a bar pressure of the pinch roller against the capstan shaft.

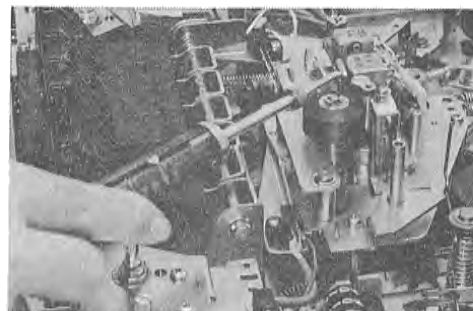


Fig. 15

- b) Pad pressing force $50\text{gr} \pm 10\text{gr}$Fig. 16

- c) Winding idler pressing force..... $150\text{gr} \pm 30\text{gr}$

Measuring method..... Fig. 17

Lock the machine by depressing the play button (play condition).

Measure the value when the winding idler disengages from the motor pulley and the winding pulley at the same time.

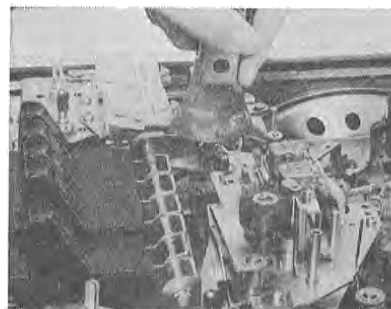


Fig. 16

d) Playback idler pressing force

When the tape speed is 19 cm/sec.....200gr $\pm$ 40gr

When the tape speed is 9.5cm/sec.....175gr $\pm$ 40gr

When the tape speed is 4.75cm/sec ... 150gr $\pm$ 40gr

Measuring method.....Fig. 18

Lock the machine by depressing the play button (play condition). Measure the value when the playback idler disengages from the flywheel and the motor pulley at the same time.



Fig. 17

e) Rewinding (R) idler pressing force.....550gr $\pm$ 50gr

Measuring method.....Fig. 19

Lock the machine by depressing the rewinding button (REWIND) (rewinding condition). Measure the value when the rewinding idler disengages from the motor pulley.

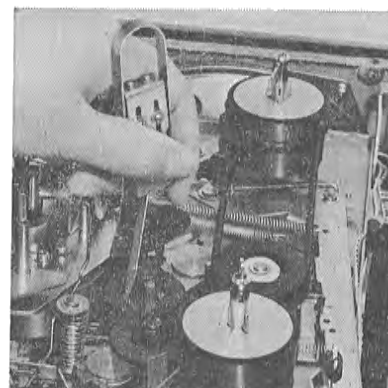


Fig. 18

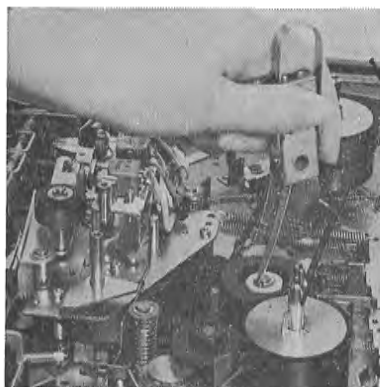


Fig. 19

2) Torque of each section

a) Winding torque..... 50~90gr

Measuring method.....Fig. 20

Place the machine in a horizontal position and turn the power source to ON position: then place the 7" empty reel on the winding side reel shaft. Wind a thread inside it and measure the winding torque in a play condition (PLAY).

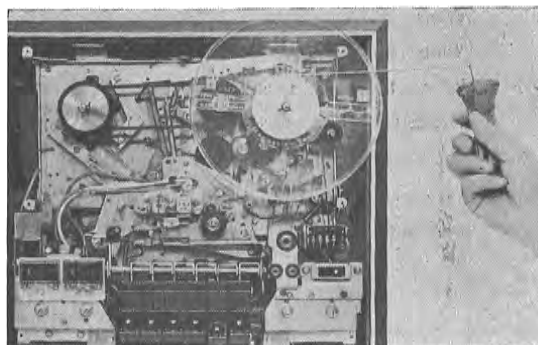


Fig. 20

b) Winding and supplying friction coupling torque

Takeup or rewinding torque.....200~300gr

Measuring method.....Fig. 21

Place the machine in a vertical position, and throw the power source to ON position. Wind a thread inside the 7" empty reel and measure the torque in a fast forwarding condition of the takeup. Place in a rewinding condition for the rewinding



Fig. 21

c) Back tension.....15-36gr.....Fig. 22

Place empty reel on the rewinding reel shaft after winding a thread. Set the machine to play condition. Measure the force when pulling out the thread.

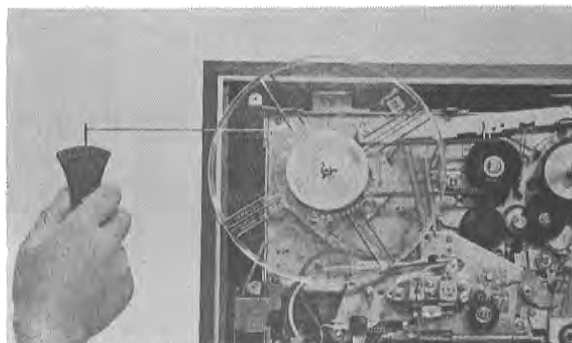


Fig. 22

- d) Takeup back tension.....15~35gr.....Fig. 23
- Place 7" empty reel on the takeup reel shaft after winding a thread. Set the machine to rewinding condition. Measure the force when pulling out the thread.

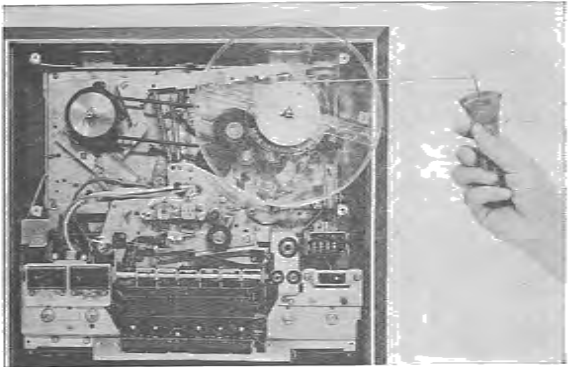


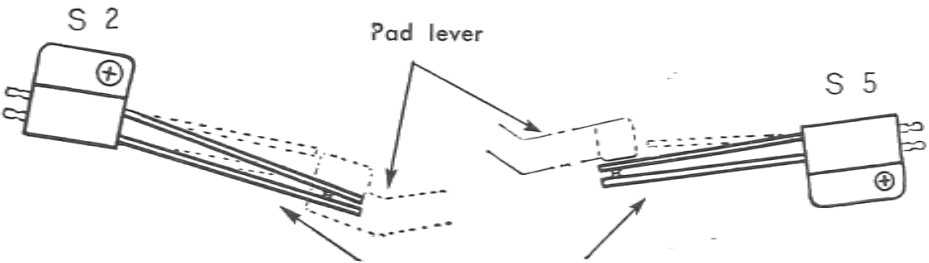
Fig. 23

- e) Push button operating force...Under 3.5kg...Fig. 24
- Place the machine in a horizontal position. Apply the bar gauge to the tip of the push button and measure the force until the button is locked.
- Note) When applying the bar gauge directly to the push button, the push button may be damaged. To prevent any possible damage, use a rubber sheet between the gauge and the button.



Fig. 24

- 3) Adjustment of installation position
- a) Installation position of the muting switch...Fig. 25



Muting switch should be bent more than 0.5mm after making contact with pad lever

Fig. 25

- b) Installation position of motor pulley.....Fig. 26
- The standard distance between the chassis and the motor pulley is $2\text{ mm} \pm 0.1\text{ mm}$. After installing the pulley in this position, try the speed change and adjust the position, while confirming that the playback idler correctly enters each stage of the motor pulley.

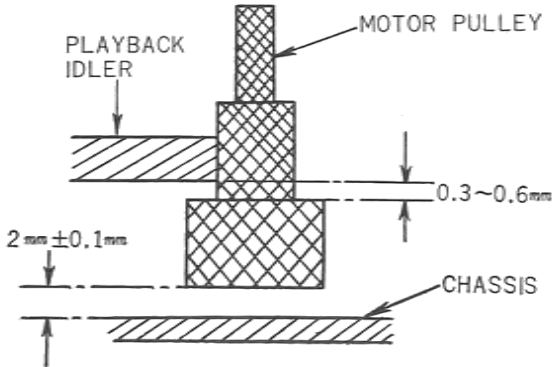


Fig.26 (A)

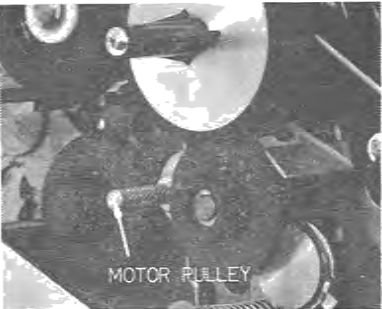


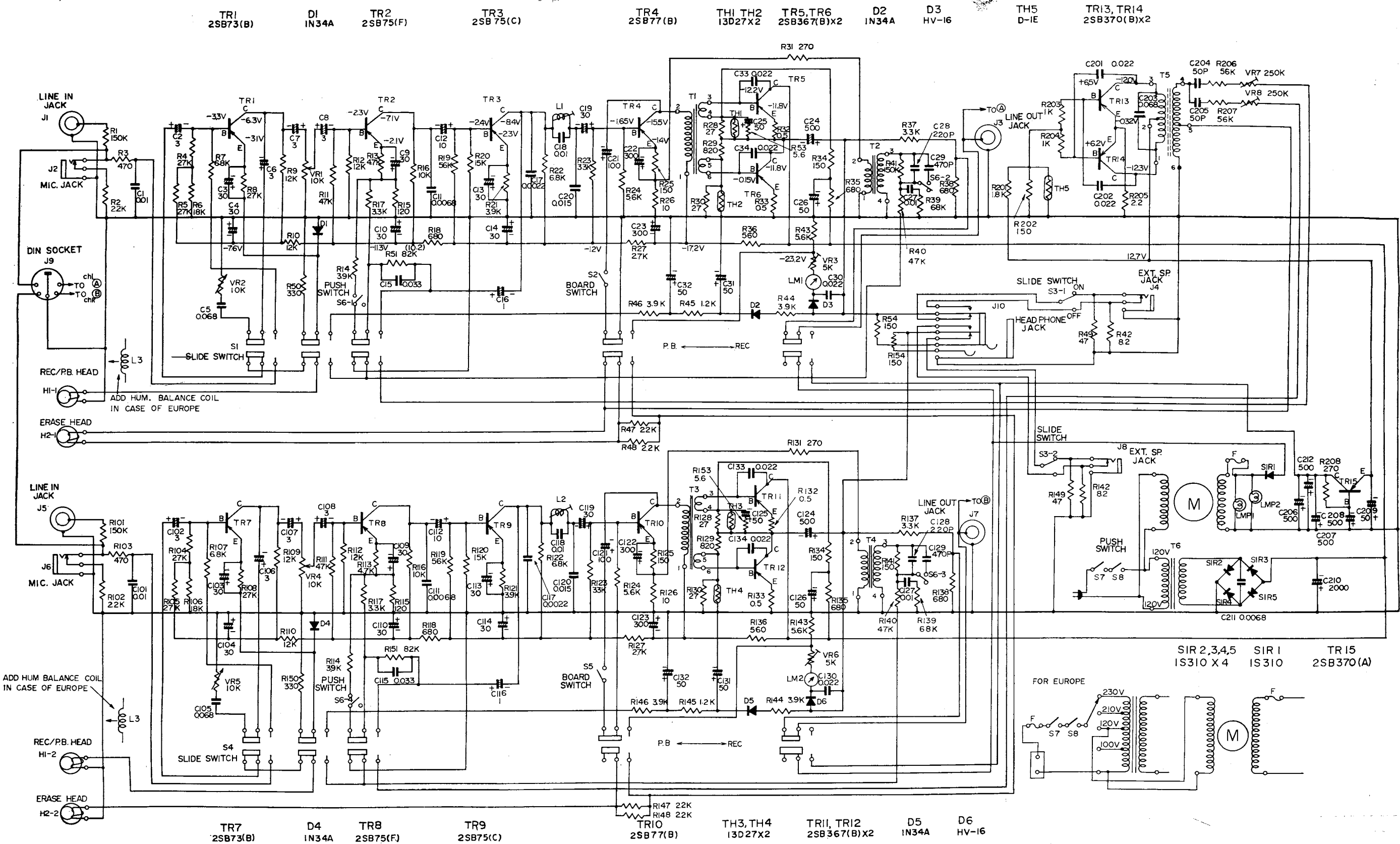
Fig.26 (B)

TROUBLE-SHOOTING

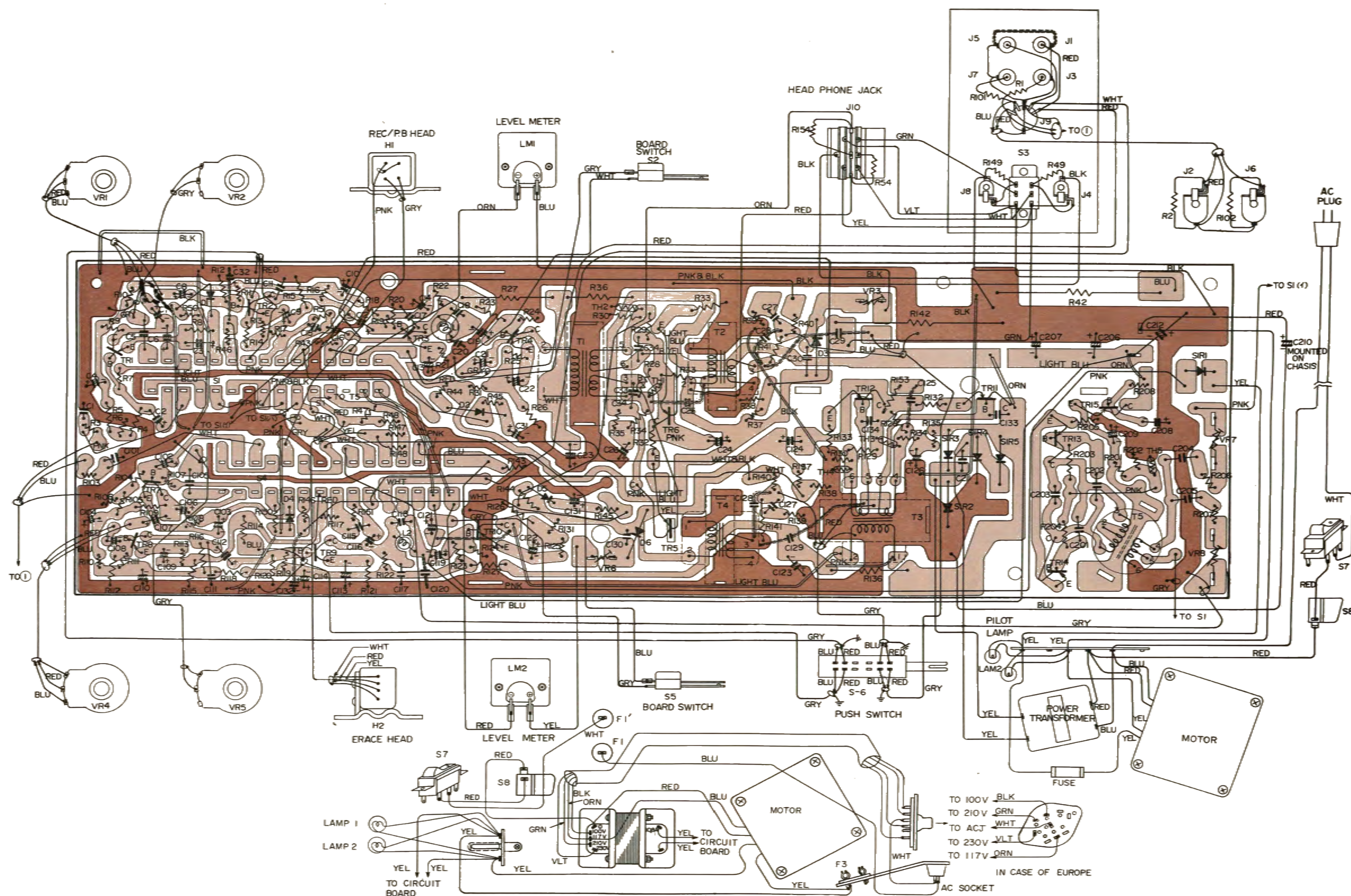
The following are important malfunctions and their countermeasures.

While reproducing	Cause	Countermeasures
Tape does not run.	Pinch roller does not press, or it slips.	Is pressing force normal? Is the spring disconnected? Does oil adhere to the pinch roller and the capstan?
Speeds do not coincide. Unstable revolution	Heights of the playback idler and the motor pulley do not coincide. Winding torque is large. Insufficient oil on the capstan shaft.	Pulley is lowered because of loose screwing of the motor pulley. Check the pressing force on each section. Check relative mechanisms of the winding reel base Oiling.
Disabled fast forward	Check the supply back tension. Check the winding coupling torque.	Oiling. When the torque and tension are too weak, replace the assembly.
Disabled rewinding	Check slipping portion. Check the supply coupling torque and winding side back tension. Check the pressing force of playback idler.	When it is weak and does not conform to designated value, replace the assembly. Oiling. Confirm any deformation of the spring.

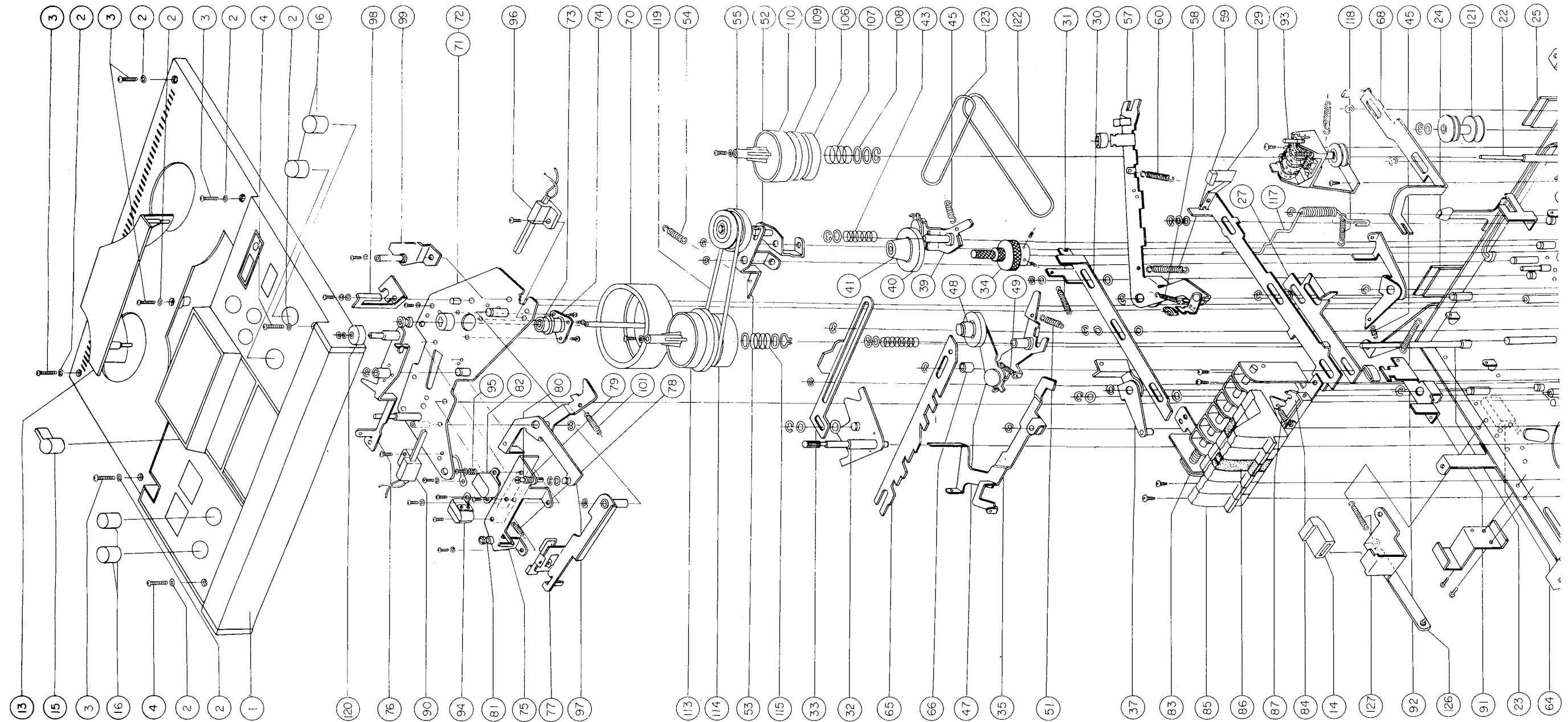
CIRCUIT DIAGRAM

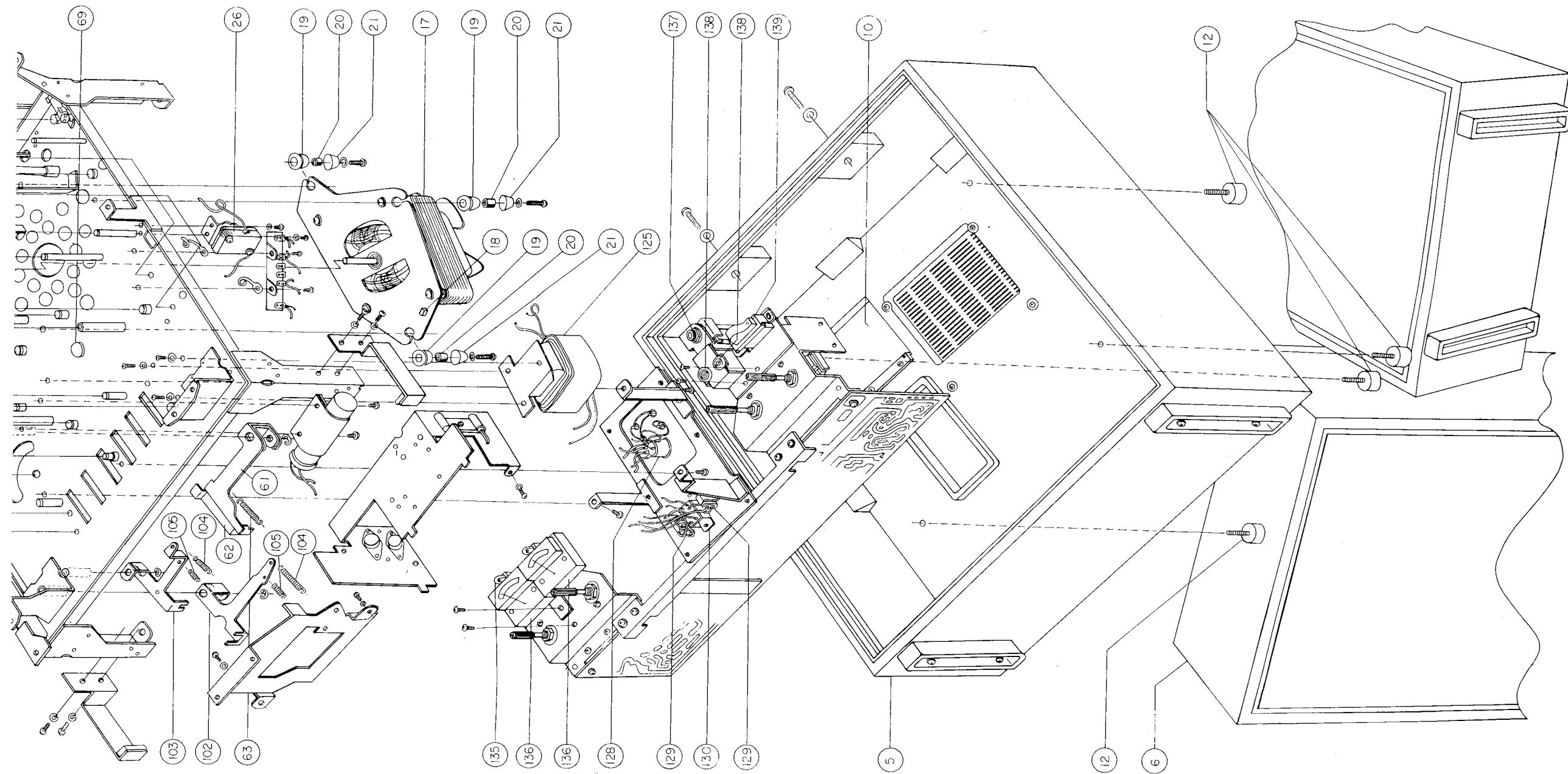


CIRCUIT BOARD DIAGRAM



MECHANICAL PARTS VIEW





REPLACEMENT PARTS

Symbol No.	Stock No.	Description	Symbol No.	Stock No.	Description
CAPACITORS:					
C 1,101	0275111	Polyester	R 32,132	0149101	Wire wound
C 2,102	0252313	Electrolytic	R 33,133	0149101	Same as R32
C 3,103	0252323	Electrolytic	R 34,134	0137803	Same as R25
C 4,104	0252323	Same as C3	R 35,135	0137811	Same as R18
C 5,105	0275016	Polyester	R 36,136	0134370	Composition
C 6,106	0252313	Same as C2	R 37,137	0137857	Carbon film
C 7,107	0252313	Same as C2	R 38,138	0137811	Same as R18
C 8,108	0252313	Same as C2	R 39,139	0137911	Carbon film
C 9,109	0252323	Same as C3	R 40,140	0137909	Same as R11
C 10,110	0252323	Same as C3	R 41,141	0137953	Carbon film
C 11,111	0274016	Polyester	R 42,142	0190046	Wire wound
C 12,112	0252321	Electrolytic	R 43,143	0137860	Same as R14
C 13,113	0252323	Same as C3	R 44,144	0137858	Same as R21
C 14,114	0252523	Electrolytic	R 45,145	0137852	Carbon film
C 15,115	0275014	Polyester	R 46,146	0137615	Carbon film
C 16,116	0276013	Polyester	R 47,147	0134377	Composition
C 17,117	0274013	Polyester	R 48,148	0134377	Same as R47
C 18,118	0275011	Polyester	R 49,149	0134297	Composition
C 19,119	0252323	Same as C3	R 50,150	0137807	Carbon film
C 20,120	0275012	Polyester	R 51,151	0137912	Carbon film
C 21,121	0252331	Electrolytic	R 53,153	0131600	Composition
C 22,122	0251133	Electrolytic	R 54,154	0134363	Composition
C 23,123	0252633	Electrolytic	R 201	0137854	Carbon film
C 24,124	0256008	Electrolytic	R 202	0137803	Same as R25
C 25,125	0252125	Electrolytic	R 203	0137851	Carbon film
C 26,126	0252625	Electrolytic	R 204	0137851	Same as R203
C 27,127	0275011	Same as C18	R 205	0134281	Composition
C 28,128	0248732	Ceramic	R 206	0137910	Same as R19
C 29,129	0243449	Ceramic	R 207	0137910	Same as R19
C 30,130	0275113	Polyester	R 208	0137806	Same as R31
C 31,131	0252325	Electrolytic	V R 1	0153152	Variable
C 32,132	0252325	Same as C31	V R 2	0153152	Same as VR1
C 33,133	0275113		V R 3	0151091	Semi variable
C 34,134	0275113		V R 4	0153152	Variable
C 201	0275013	Same as C15	V R 5	0153152	Same as VR4
C 202	0275013	Same as C15	V R 6	0151091	Same as VR3
C 203	0275016	Same as C 5	V R 7	0151129	Semi variable
C 204	0242820	Ceramic	V R 8	0151129	Same as VR3
C 205	0242820	Same as C204	TRANSISTORS:		
C 206	0252535	Electrolytic	T R 1	0573018	Transistor
C 207	0252535	Same as C206	T R 2	0573125	Transistor
C 208	0252535	Same as C206	T R 3	0573153	Transistor
C 209	0252525	Electrolytic	T R 4	0573114	Transistor
C 210	0259717	Electrolytic	T R 5	0573031	Transistor
C 211	0274116	Polyester	T R 6	0573018	Same as TR1
C 212	0252535	Electrolytic	T R 7	0573018	Same as TR2
R 1,101	0134399	Composition	T R 8	0573125	Same as TR2
R 2,102	0134385	Composition	T R 9	0573153	Same as TR9
R 3,103	0137809	Carbon film	T R 10	0573114	Same as TR4
R 4,104	0137906	Carbon film	T R 11	0573031	Same as TR5
R 5,105	0137906	Same as R4	T R 12	0573031	Same as TR5
R 6,106	0137904	Carbon film	T R 13	0573023	Transistor
R 7,107	0137621	Carbon film	T R 14	0573023	Transistor
R 8,108	0137906	Same as R4	T R 15	0573022	Transistor
R 9,109	0137902	Carbon film	D 1	0575001	Diode
R 10,110	0137902	Same as R9	D 2	0575001	Same as D1
R 11,111	0137909	Carbon film	D 3	0576005	Varistor
R 12,112	0137902	Same as R9	D 4	0575001	Same as D1
R 13,113	0137859	Carbon film	D 5	0575001	Same as D1
R 14,114	0137860	Carbon film	D 6	0576005	Same as D3
R 15,115	0137802	Carbon film	T H 1	0576031	Thermistor
R 16,116	0137901	Carbon film	T H 2	0576031	Same as TH1
R 17,117	0137857	Carbon film	T H 3	0576031	Same as TH1
R 18,118	0137811	Carbon film	T H 4	0576031	Same as TH1
R 19,119	0137910	Carbon film	T H 5	0576056	Thermistor
R 20,120	0137903	Carbon film	SIR1~5	0552010	Silicon rectifier
R 21,121	0137858	Carbon film	TRANSFORMERS:		
R 22,122	0137861	Same as R17	T 1	0441054	Input
R 23,123	0137907	Carbon film	T 2	0451106	Output
R 24,124	0137860	Same as R14	T 3	0441054	Same as T1
R 25,125	0137803	Carbon film	T 4	0451106	Same as T2
R 26,126	0137759	Carbon film	T 5	0316534	Oscillator coil
R 27,127	0134378	Composition	T 6	5210232	
R 28,128	0137764	Carbon film	COILS:		
R 29,129	0137812	Carbon film	L 1	0317148	Trap coil
R 30,130	0137764	Same as R28	L 2	0317148	Same as L1
R 31,131	0137806	Carbon film			

Symbol No.	Stock No.	Description	Symbol No.	Stock No.	Description
MISCELLANEOUS:					
for Final assembly					
①	7750251	Dust cover	8813124	8711406	Washer-3mm ϕ spring
②	5420046	Microphone			Screw-3mm ϕ $\times$ 6mm pan head ISO (2 req'd)
③	5425082	Stand	②	0941141	Fast forward lever
④	6112805	Escutcheon sub ass'y	②	0662124	Fast forward lever spring
⑤	0941277	Washer-dressing (7 req'd)	②	7111631	Brake function lever sub ass'y
⑥	7771274	Screw-dressing (5 req'd)		0948544	Fiber washer (3 req'd)
⑦	7771276	Screw-dressing (2 req'd)			for brake function lever
⑧	6114611	Cabinet	③	0941259	"E" ring (3 req'd) for brake function lever
⑨	6115171	Speaker box sub ass'y	③	0941150	R idler function lever
⑩	6115141	Speaker back board		0948544	Fiber washer (4 req'd) for R idler lever
	7169592	Cord holder	④	0941259	"E" ring (2 req'd)
	8755406	Screw-3.1mm ϕ $\times$ 6.3mm wood (8 req'd)	④	0948637	R function lever spring
	5410371	Speaker	④	7169771	Tape speed exchange cam sub ass'y
	5433086	Plug cord	④	0941292	Tape speed exchange lever
	0948483	Staple		0948544	Fiber washer (3 req'd)
	8751306	Screw-2.7mm ϕ $\times$ 6.3mm round wood (2 req'd)			for tape speed exchange lever
		for staple fitting	④	0941259	"E" ring (2 req'd)
	8811114	Washer-3mm ϕ	④	6340293	Motor pulley (50Hz)
	8815124	Washer-3mm ϕ lock (8 req'd) for speaker fitting	④	6340294	P function lever sub ass'y
	8821114	Nut-3mm ϕ (8 req'd) for speaker fitting	④	0941829	"E" ring
	8811234	Washer-3mm ϕ (12 req'd)	④	0941259	Fast forward roller spring
	8755413	Screw-3.1mm ϕ $\times$ 13mm wood (12 req'd) for speaker back board fitting	④	0948316	Fast forward roller spring
⑪	0015464	Accessory compartment lid sub ass'y			for adjusting lever
	7711692	Accessory compartment	④	0941159	F idler lever sub ass'y
	7711691	Accessory compartment	④	0948595	Nylon washer (2 req'd)
	8811234	Washer-3mm ϕ (9 req'd)	④	0971150	Idler wheel
		for accessory compartment lid, accessory compartment fitting	④	0948601	Idler oil washer
	8751410	Screw-3.1mm ϕ $\times$ 10mm wood (3 req'd)	④	0941259	"E" ring
	8751406	Screw-3.1mm ϕ $\times$ 6.3mm wood (6 req'd)	④	0971105	Idler cap
	7171491	Washer-4mm ϕ special (2 req'd)	④	0958067	Felt for push button
	8745625	Screw-4mm ϕ $\times$ 25mm bind (2 req'd) for cabinet fitting	④	0948631	F idler exchange spring
⑫	0971279	Rubber-base	④	0948675	Fiber washer
	8812116	Washer-4mm ϕ (4 req'd)	④	0941259	"E" ring
	8711620	Screw-4mm ϕ $\times$ 20mm pan head (4 req'd)	④	0941162	F idler function lever
⑬	6161372	Head cover	④	0941259	"E" ring
⑭	6261561	Pause control button	④	0662126	F idler lever spring
⑮	6261861	Speed changing knob	④	6310531	F idler lever spring
	7612042	Nylon washer for speed changing knob spacer			for F idler function lever
⑯	6262622	Volume control knob sub ass'y	④	0941821	P idler lever sub ass'y
		for Chassis assembly	④	0941818	P idler lever sub ass'y
⑰	5570334	Induction motor (TRQ-737A)	④	0948727	P nylon washer (2 req'd)
	5570332	Induction motor (TRQ-737W)	④	0948601	Idler oil washer
	8813126	Washer-4mm ϕ spring (4 req'd)	④	0941258	"E" ring
	8711608	Screw-4mm ϕ $\times$ 8mm pan head (4 req'd) ISO	④	0971215	Idler cap
	0971149	Motor rubber	④	0662128	P idler spring
⑱	0971120	Motor cushion (3 req'd)	④	0958067	Felt for push button
⑲	0944450	Collar for motor fitting (3 req'd)	④	0662127	Exchange spring
⑳	0941291	Motor carrier (3 req'd)	④	0941259	"E" ring
	8813126	Washer-4mm ϕ spring	④	0662129	P idler lever spring
	0954020	Screw-4mm ϕ $\times$ 18mm pan head ISO (3 req'd)	④	0941310	R idler lever sub ass'y
		for motor mounting plate fitting	④	0941259	"E" ring (2 req'd) for R idler lever
㉑	7500502	Shaft for takeup reel stand	④	0941170	R idler lever (2)
㉒	7500522	Shaft for rewind reel base	④	0662125	R idler lever spring
	8821116	Nut-4mm ϕ (2 req'd) ISO			for R idler lever (2)
㉓	8813126	Washer-4mm ϕ spring (2 req'd)	④	0971191	R idler sub ass'y
	0948544	Fiber washer (2 req'd)	④	0948544	Fiber washer
	0591162	Fuse (1A) (TRQ-737W)	④	0958067	Felt for push button
	8781436	Screw-3mm ϕ $\times$ 6mm tapping (2 req'd)	④	0948633	R idler washer
		(TRQ-737W) for fuse holder fitting	④	0941259	"E" ring
㉔	7163922	Handle holder (left) sub ass'y	④	7160952	Brake lever sub ass'y
㉕	7163932	Handle holder (right) sub ass'y	④	0941259	"E" ring
	8813124	Washer-3mm ϕ spring	④	0662130	Brake spring
	8711406	Screw-3mm ϕ $\times$ 6mm pan head ISO (4 req'd)	④	0662222	Brake spring
		for handle holder fitting	④	0639391	Motor spring
㉖	0539132	Micro switch (TRQ-737W)	④	0941763	Switch function plate (1)
	8811233	Washer-2.6mm ϕ	④	0941931	Switch function plate (2)
	8813123	Washer-2.6mm ϕ spring	④	0941259	"E" ring
	0711316	Screw-2.6mm ϕ $\times$ 16mm pan head (2 req'd)	④	0662187	Slide switch spring
		for micro switch fitting	④	0533159	Push switch-4 circuit 2 point
	0539135	Micro switch (TRQ-737A)	④	8811113	Washer-2.6mm ϕ
			④	8813123	Washer-2.6mm ϕ spring (2 req'd)
			④	0711305	Screw-2.6mm ϕ $\times$ 5mm pan head (2 req'd)
			④	0941175	Timing plate
			④	0944467	Collar for timing plate
			④	0941259	"E" ring for timing plate
			④	0639391	Motor spring for timing plate
			④	7162982	Slide plate

Symbol No.	Stock No.	Description	Symbol No.	Stock No.	Description
	0948544	Fiber washer (2 req'd)	(106)	6700751	Takeup pulley (B)
	0941259	"E" ring (2 req'd)	(107)	6310311	Takeup spring
(69)	0630564	Flywheel holder	(108)	7500511	Takeup collar
(70)	0971258	Flywheel sub ass'y (TRQ-737A)		7660241	Nylon washer
	7502465	Flywheel sub ass'y (TRQ-737W)		7161437	"E" ring (2 req'd)
	0948753	Washer-flywheel (R)	(109)	6410661	Takeup pulley (A) sub ass'y
(71)	7160832	SH plate sub ass'y	(110)	6410053	Takeup reel stand sub ass'y
(72)	7169803	SH plate sub ass'y		7710151	Coupling washer
(73)	0944832	Flywheel metal		6310301	Reel stand spring
(74)	0638150	Metal holder	(113)	6410083	Rewind reel base sub ass'y
(75)	7160853	Head base sub ass'y	(114)	0015172	Rewind pulley
(76)	0941176	P roller arm sub ass'y	(115)	7771362	Washer-rewind reel base (2 req'd)
	0941259	"E" ring		0948234	Spring-rewind reel base
	8781435	Screw-3mm ϕ ×5mm tapping		0948662	Snap 12 α
(77)	7160872	Pad lever sub ass'y		7771312	Screw-special (2 req'd)
(78)	0662183	Pad spring for pad lever		0948482	Fiber washer (2 req'd)
(79)	0948154	Tape guide spring		7660261	Reel stopper (2 req'd)
(80)	0944741	Tape guide (right)		8781438	Screw-3mm ϕ ×8mm tapping (2 req'd)
(81)	7503563	Tape guide (left)			for electrolytic capacitor fitting
(82)	0513293	Record playback head control 4 track stereo	(117)	0662254	Stopper spring
(83)	0513222	Erase head		0941259	"E" ring
	0711306	Screw-2.6mm ϕ ×6mm pan head (3 req'd)	(118)	0662166	Spring-brake shoe
(85)	0948102	Head adjust spring	(119)	0971126	Rewinding belt
	0711316	Screw-2.6mm ϕ ×16mm pan head	(120)	0971104	Pressure roller
	8811113	Washer-2.6mm ϕ		0636553	Rewinding washer
(86)	0539087	Muting switch		0941258	"E" ring
	8781438	Screw-3mm ϕ ×8mm tapping	(121)	0948003	Counter pulley
(87)	0941378	Pause function lever (2) sub ass'y		0636553	Rewinding washer
	0941259	"E" ring (2 req'd) for PAUSE lever (2)		0941258	"E" ring
(88)	0941964	Tape guide plate	(122)	7660164	Counter belt (large)
	8811114	Washer-3mm ϕ	(123)	7661012	Counter belt (small)
	8813124	Washer-3mm ϕ spring		0544404	2 pole terminal board
	8711406	Screw-3mm ϕ ×6mm pan head } for tape guide plate fitting		8781436	Screw-3mm ϕ ×6mm tapping (2 req'd)
(89)	7166361	Guide pad sub ass'y		0591188	Fuse (TRQ-737W)
	0662071	Spring-slide switch for P roller arm		0591201	Fuse (TRQ-737A)
(101)	0948637	P function lever spring for pause function lever (2)	(125)	5210232	Power transformer (TRQ-737A)
	8813124	Washer-3mm ϕ spring (3 req'd)		5210272	Power transformer (TRQ-737W)
	8711408	Screw-3mm ϕ ×8mm pan head ISO		5210361	Screw-3mm ϕ ×6mm pan head (3 req'd) ISO
	8711406	Screw-3mm ϕ ×6mm pan head ISO		8813124	Washer-3mm ϕ spring (3 req'd) (TRQ-737A)
	8711410	Screw-3mm ϕ ×10mm pan head ISO } for SH plate fitting		8811114	Washer-3mm ϕ (4 req'd)
	0948634	Flywheel washer		8781436	Screw-3mm ϕ ×6mm tapping (7 req'd) } for trans holder (TRQ-737W)
	0941183	Oil cap	(126)	7169932	Pause function lever (1) sub ass'y
(83)	7165122	Push holder sub ass'y		0941259	"E" ring
(84)	0941304	Lock plate	(127)	6311001	Lever spring } for pause function lever (1)
(85)	0015237	Push button (5 req'd)		0948544	Fiber washer
(86)	0015238	Stop push button		0043793	Bushing (TRQ-737A)
(87)	0662131	Push lever spring (4 req'd)		5740503	Power cord (TRQ-737A)
	0662062	Spring-record, playback switch		0593587	Power cord (TRQ-737W)
	0941259	"E" ring	(128)	5670081	Pin jack
	0941257	"E" ring	(129)	0543082	Jack (red)
	8781436	Screw-3mm ϕ ×6mm tapping (4 req'd) } for push holder fitting	(130)	5620192	Slide switch
	0638651	Staple for head shield wire fixed		8781436	Screw-3mm ϕ ×6mm tapping (3 req'd) } for jack plate holder fitting
(90)	0539063	Muting switch			for printed circuit board assembly
	8813124	Washer-3mm ϕ spring		6310981	Pause spring
	8711412	Screw-3mm ϕ ×12mm pan head } for muting switch		7170272	Pause lock
(91)	0941380	Pause lever sub ass'y		7503502	Pause pin
	0941259	"E" ring		8813124	Washer-3mm ϕ spring
(92)	0662195	Spring-(B) pause lever } for pause lever		6311721	Motor spring
(93)	5550242	Counter-M480	(135)	0594110	Pilot lamp (2 req'd)
	8813124	Washer-3mm ϕ spring (3 req'd)	(136)	7661051	Level meter sub ass'y
	8711405	Screw-3mm ϕ ×5mm pan head ISO (3 req'd)		8711406	Screw-3mm ϕ ×6mm pan head (4 req'd) ISO
	8781436	Screw-3mm ϕ ×6mm tapping (2 req'd) } for counter holder fitting		8813124	Washer-3mm ϕ spring (4 req'd)
(102)	0941366	Recording lever (1)		8811114	Washer-3mm ϕ flat (A)
(103)	0941367	Recording lever (2)		7710091	Fiber washer } for volume holder fitting
	0941259	"E" ring (2 req'd)		5670261	Headphone jack
(104)	0948658	Switch spring (1) (2 req'd)		0958453	Jack washer
(105)	0948659	Switch spring (2) (2 req'd)		6704271	Insulating washer
	7111574	Voltage change-over holder sub ass'y (TRQ-737W)	(138)	0543082	Jack (red)
	7162992	Plug cover sub ass'y (TRQ-737W)		8711406	Screw-3mm ϕ ×6mm pan head (2 req'd) ISO
	8781436	Screw-3mm ϕ ×6mm tapping (4 req'd) (TRQ-737W) for voltage change-over holder, plug cover fitting	(139)	8813124	Washer-3mm ϕ spring (2 req'd)
				0533161	Power switch (TRQ-737W)
				0533173	UL power switch (TRQ-737A)
				8711406	Screw-3mm ϕ ×6mm pan head (2 req'd) ISO
				8813124	Washer-3mm ϕ spring (2 req'd) } for tone holder fitting

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Symbol No.	Stock No.	Description	Symbol No.	Stock No.	Description
	8811114	Washer-3mm $\varnothing$ flat (A) (2 req'd) for tone holder fitting		0948570	Radiator
	5620252	Slide switch		0629902	Radiator
	8811114	Washer-3mm $\varnothing$ flat (A)		0680175	Radiator
	8813124	Washer-3mm $\varnothing$ spring		0544193	Brake terminal (3 req'd)
	8711406	Screw-3mm $\varnothing$ $\times$ 6mm pan head		0544449	Print terminal (2 req'd)
				0544408	Lug terminal (2 req'd)



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