

TOSHIBA TAPE RECORDER SERVICE DATA MODEL GT-611P

FILE NO. 004



SPECIFICATIONS

Usable Tape Reel: 3", 5"

Tape Speed: $3-\frac{3}{4}$ and $1-\frac{7}{8}$ ips (2 speeds)

Track: Double track

Recording System: A.C. bias at 35K Hz, 1.2 mA

Erasing System: D.C. erase, 5 mA

Level Indication: Level meter

Frequency Response: 80 to 8000 Hz at 3-3/4 ips

80 to 4000 Hz at 1-1/8 ips

Power Output: 600 mW at 7% distortion

(maximum 1.5 watts)

Input: MIC. 5K ohm, 0.56 mV

AUX. 910K ohm, 100 mV

Output: EXT. SP. 8 ohm

Speaker: $6-\frac{1}{2}'' \times 3-\frac{1}{8}''$, impedance 8 ohm Power Consumption: 8 watts

Signal/Noise Ratio: 35 dB minimum

Microphone: Dynamic, nominal impedance 400 ohm

Erasure: 55 dB minimum

When operated on A.C. Line 50 mV maximum Hum Level:

When operated on Battery

20 mV maximum

Wow/Flutter: 0.35% R.M.S. approx. at 3-3/4 ips

0.5% R.M.S. approx. at 1-7/8 ips

Rewind Time: 180 seconds maximum (607 feet tape

on 5" reel)

Fast Forward Time: 180 seconds maximum

Tape Speed Accuracy: Within ±3% at 3-3/4 and 1-7/8 ips

Dimension:

 $12-\frac{3}{8}''(W) \times 10-\frac{1}{4}''(D) \times 3-\frac{3}{4}''(H)$

Weight: 8 lds

TOKYO SHIBAURA ELECTRIC CO., LTD.

TECHNICAL POINTS

2-WAY (A.C./D.C.) POWER SYSTEM

The GT-611P can be operated either on an A.C. power line or on its built-in battery power source. The selector for this purpose is located inside the A.C. connector at a lower right part of the tape recorder. When the power cord (Supplied) is connected to the connector, the A.C. (line) power supply circuit of the tape recorder is closed, when the power cord is disconnected, the D.C. (battery) battery power supply circuit is closed. When the tape recorder is operated in the PLAY mode under the battery operation, the level meter indicates the battery source voltage.

If the meter indication is within the red mark, the tape recorder operates successfully. The boundary position between red mark and silver mark denotes 6.6 volts.

BELT DRIVE SYSTEM IS EMPLOYED

A belt drive system is employed with a view to mark the tape recorder compact and lightweight.

The belt is made of selected, quality neoprene. An angle belt is employed for the rubber belt for the motor pulley, in order to increase the friction surface to prevent slipping.

SELECTABLE AUTO-LEVEL CIRCUIT

In the recording operation, a part of the output voltage of the secondary circuit of the output transformer is rectified by the diode D2 (1N60) and then is fed back to the base of the initial-stage transistor TR1 (2SB440) in order to accomplish an automatic recording level control feature.

In the auto-level mode of operation, the level meter is not deflected. When the auto-level feature is cut off by means of the selector switch S101, recording is made for a wide dynamic range for such use as Hi-Fi recording of music.

PRECAUTIONS IN OPERATING THE PUSH-BUTTONS

The below combinations of buttons won't be able to be operated and if they are forcefully depressed they would be damaged.

Combinations of buttons which must not be simultaneously

Sequential operations (from one mode to the other mode)

depressed.

 PLAY (Playback)......F. F. (Fast forward)

 PLAYREW (Rewind)

 REWREC (Record)

 F. F.REC

 REWF. F.

Sequential operations (from one mode to the other mode) are allowed or not allowed as mentioned below.

 PLAY
 F. F.
 Allowed

 PLAY
 REW
 Allowed

 F. F.
 PLAY
 Not allowed

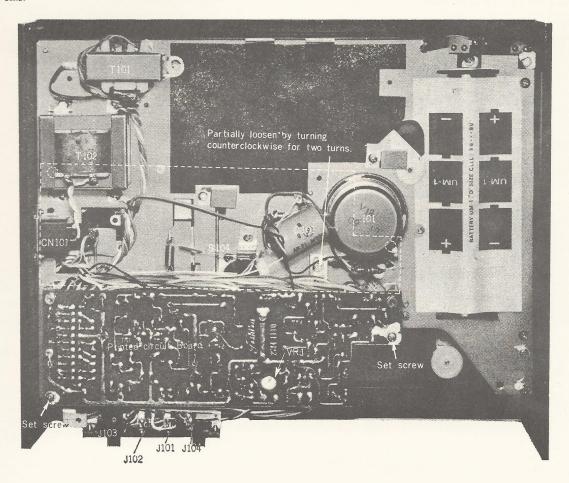
 REW
 PLAY
 Not allowed

CURRENTS WHEN THE MOTOR IS RUNNING

PLAY (When tape has been taken up)150 mA or less	
RFW (When tape has been taken up)250 mA or less	When 5" tape is used and no amplifier is used.
F. F. (When tape has been taken up)160 mA or less	

DOOR-TYPE PRINTED CIRCUIT-BOARD

The printed circuit-board is mounted with polypropylene hinges in order that its both surfaces are accessible when two screws are removed and another screw is loosened. In fixing the circuit-board, insure that the transistors have not fall off their heat radiation fins.



SERVICE POINTS

ELECTRICAL ADJUSTMENTS

BIAS OSCILLATOR CURRENT ADJUSTMENT

- 1. Unsolder the ground lead between the SHIELDED WIRE and the RECORD/PLAYBACK HEAD. (See Figure 1)
- 2. Connect a 100 ohm resistor in series with the ground lead and ground.
- 3. Connect a V.T.V.M. across the 100 ohm resistor as illustrated in Figure 1.
- 4. Adjust oscillator coil L1 to obtain 120 Millivolts RMS across the 100 ohm resistor.

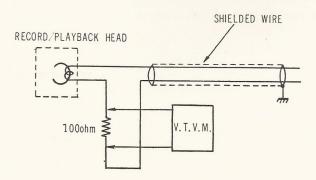
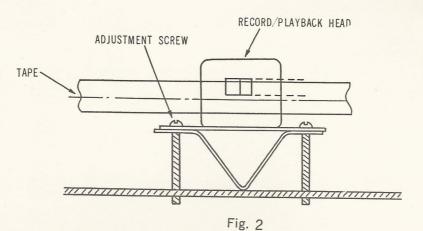


Fig. 1

RECORD-PLAYBACK HEAD ADJUSTMENT

- 1. Load Standard tape prerecorded with 5,000 Hz on the tape recorder.
- 2. Connect 8 ohm dummy load to EXT. SP. jack, and connect a V.T.V.M. (1.5V AC range) across the load.
- 3. Depress the PLAYBACK button.
- 4. Adjust the head in height and azimuth by either tightening or loosening the ADJUSTMENT SCREWS to obtain the maximum reading on the meter.



RECORDING LEVEL METER ADJUSTMENT

Apply a signal of 1,000 Hz, -65 dB (1 V=0 dB) through the microphone jack, and adjust the VR1 (5 Kohm) so that the meter indicates the boundary line between red mark and silver mark.

ADJUSTMENT OF THE TAKE-UP MECHANISM (Take-up reel drum assembly)

PYAY (Play back) OPERATION

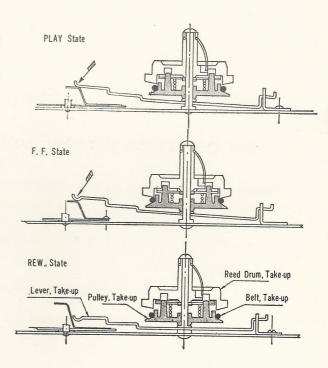
If the take-up torque is insufficient, make adjustment by bending downward the take-up lever at the part indicated by the arrow. Insare that the take-up belt is not brought into contact with the take-up reel drum.

F. F. (Fast forward) OPERATION

if the F.F. operation is sluggish, bend downward the part indicated by the arrow.

Insure that the take-up belt is kept contacted with the take-up reel drum.

After the above adjustments have been made, insure that the take-up pulley is brought to the lowest position in the REW. mode of operation.



REMOVING THE CABINET

The cabinet consists of the panel and the cabinet bottom cover. To take out the main chassis unit, disassmble the cabinet and then remove the panel.

REMOVING THE BOTTOM COVER

Loosen the two truss screws of the handle and remove the handle. Turnover the tape recorder the four clampingscrews and the other screw in the pocked.

When the above is made, the bottom cover is ready to be removed.

REMOVING THE PANEL

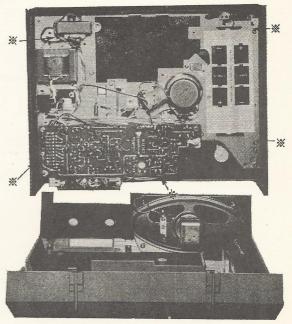
Remove the head cover pin which fixes the head cover.

Remove the bottom cover as described in the preceding paragraph.

Remove the five self-tapping serews (indicated by ¾ marks in the photograph) and un-solder the connection of the speaker lead wires.

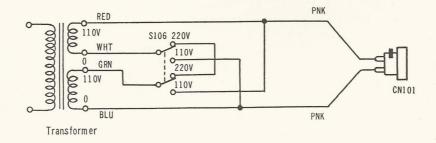
When the above is made, the panel is readdy to be removed.

In replacing the panel, pay attentions not to tighten the self-tapping screws with excessively large forces lest threads should be damaged.

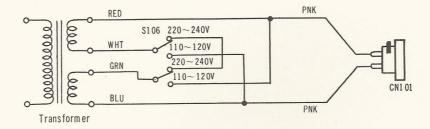


LINE VOLTAGE SELECTION DIAGRAMS AND SELECTION METHOD

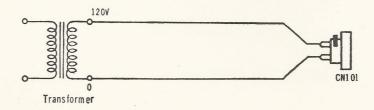
1. 110/220 volts selection diagram.



2. 110~120/220~240 volts selection diagram.

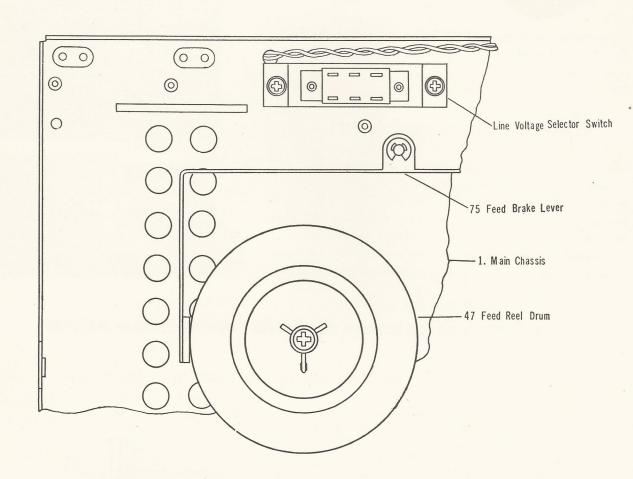


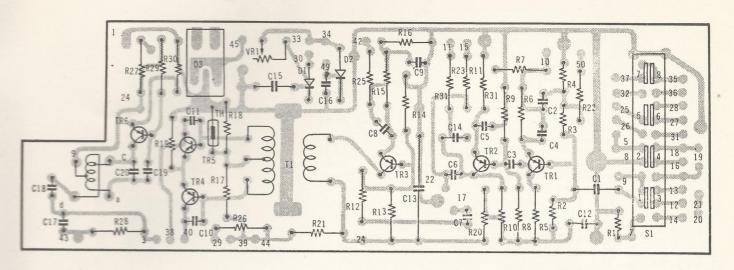
3. 120 volts only diagram.



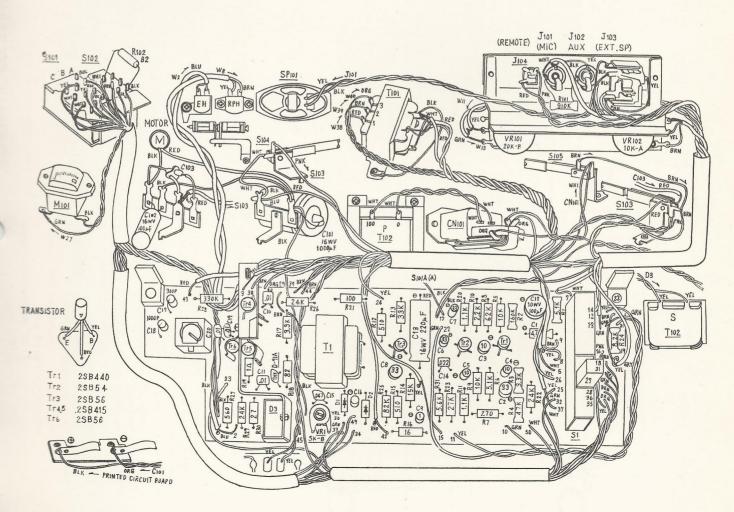
Line voltage selection method.

- 1. Insure that the power cord is disconnected from the power line receptacle.
- 2. Remove the cover of the pocket so that the selector switch is accessible.
- 3. Set the switch in the desired position as indicated by designations on the selector switch.

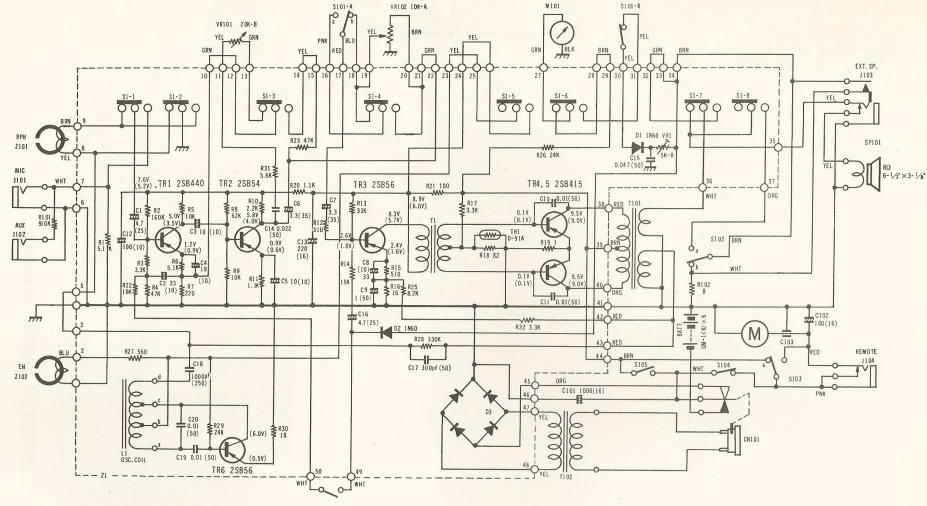




BOTTOM VIEW



PICTORIAL WIRING DIAGRAM



- 1) All resistor values in ohms, K=1,000, Capacitor in farads, () shows W. V.
- 2) Resistors are $\frac{1}{2}$ watt Composition type. But R101, R1 4 & R24 are $\frac{1}{4}$ watt carbon film type.
- Voltages between indicated point & chassis ground (positive grounded) are measured by V.T.V.M. in Playback position & without signal in-put. And shown in parenthesis are measured in Pecord position.
- 4) S1-1-8 Slide switch for Record-Playback change

(shown in Playback position)

5) S101-A C Slide switch for Auto Level circuit

(shown in Auto Level-OFF position)

6) \$102 Slide switch for Speaker Monitor

r Monitor (shown in Sp.-Monitor OFF position)

7) S105 Leaf switch for recording level setting

("ON" when Record button is pushed.)

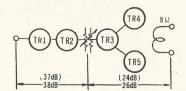
8) \$103 Leaf switch power source change for amplifier

(a: Record or Playback condition b: F. F., Rewind or Stop condition)

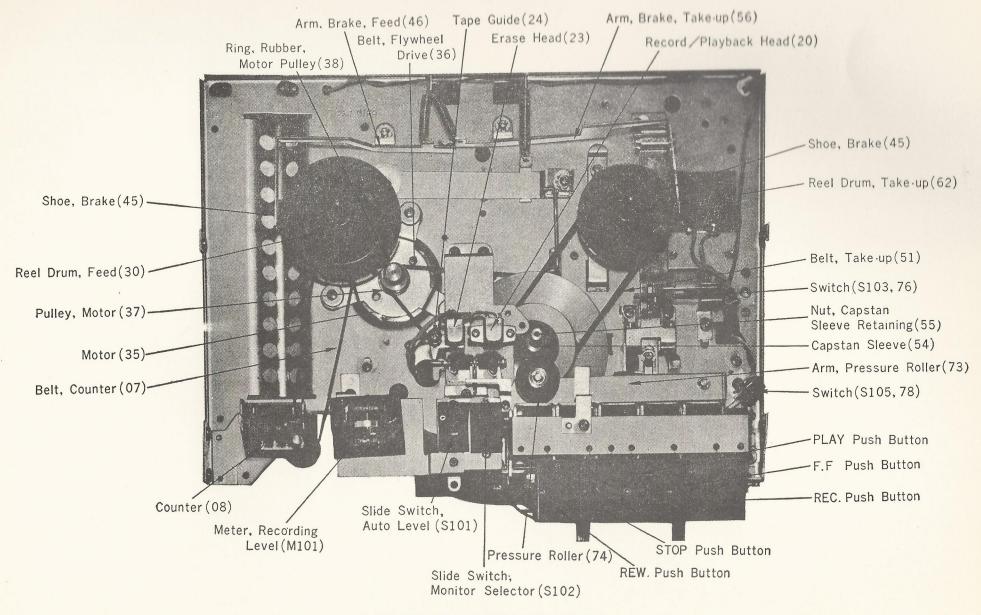
9) S104 Leaf switch for power supply

(shown in operating condition)

10) Stage Voltage Gain () shows Rec.position







PARTS LOCATION-TOP VIEW

PARTS LIST

Symbol	Stock	Description	Symbol	Stock	Description
No.	No.		No.	No.	-
TRAN	NSISTORS,	THERMISTOR AND DIODES	R 17, 32	2556333200	•
TR1	3122044000	2SB440, 1st Audio Amp.	R 18	2556382000 2556310900	•
TR2	3122005400	2SB54, 2nd Audio Amp.	R 19 R 21.	2556310900	Carbon Composition, 1 ohm
TR 3, 6	3122005600	2SB56, Audio Driver, Bias Oscillator	R 21, R 23	2556347300	1
TR 4, 5	3122041500	2SB415, Audio Output	R 25	2556382200	
D1, 2	3112006000	1N60, Level Meter, Auto Level	R 26, 29	2556324300	
D3		Rectifier Selenium Rectifier	R 27	2556356100	
TH 1		D91A, Temperature Compensator	R 28	2556333400	
	2203100200	2311, Temperature Compensator	R 30	2556318000	
	ELE	CTRICAL PARTS	R 31	2556356200	
	la=a2 12 2 aa a		R 101	2551291400	, , , , , , , , , , , , , , , , , , , ,
T 1	2521411800	Transformer, Audio Input	R 102	2556380900	Carbon Composition, 8 ohm
T 101	2521610600	Transformer, Audio Output Transformer, Power	***************************************	TIADI	ADI D.
T 102	2521312300	(110 to 120V/220 to 240V)		VARI	ABLE RESISTORS
or	2521312400	Transformer, Power (220V)	VR1	2561012100	Semi-Fixed Variable, 5 Kohm
L1		Coil, Bias Oscillator	VR 101		
J 101, 102	2516314000	Jack, MIC., AUX. (3.5mm)			Variable, 20 Kohm, Tone
J 103	2516311700	Jack, EXT. SP. (3.5mm)	VR 102	2561510300	Variable, 10 Kohm, Volume
J 104 M 101	2510311800	Jack, REMOTE (2.5mm) Meter, Record Level		^	ACCESSORIES
SP 101	2215125500			Г	ACCESSORIES
CN 101	2516610100	A.C. Connector		2515410900	Dynamic Microphone
	2512511300				Splicing Tape
-					Owner's Manual
		SWITCHES			Power Cord
C 1	051 4515100	Ol: 1 D 1/D1 1 1	or	The state of the s	Power Cord
S 1 S 101	2514515100	Slide, Record/Playback Slide, Auto Level, ON/OFF	01		Patch Cord
S 101		Slide, Speaker Monitor, ON/OFF		2017011200	Taten Cord
S 103	2914515300	Leaf, Motor, ON/OFF]	MECHANISM
S 104		Leaf, Power, ON/OFF	Key	Stock	
S 105	2514515500	Leaf, Power, Record	No.	No.	Description
S 106	2514522400	Line Voltage, Selector Switch	01	2571119000	Main Chassis
	(CAPACITORS	02	2573118600	
	,	JAN ACTIONS	03	7402003031	Lock Washer, 3mm
C 1	2549547900	Electrolytic, 4.7 mfd, 25 WV	04	7020300611	Screw, 3mm×6mm
C 2, 8	2547333000	Electrolytic, 33 mfd, 10 WV	05	2576112800	
C 3, 4, 5	2547310000	Electrolytic, 10 mfd, 10 WV	06	7020300511	Screw, 3mm×5mm
C 6, 7	2547633900	Electrolytic, 3.3 mfd, 35 WV	07	2575512400	Belt, Counter Counter
C 9	05 4554 0000	731 1 1 2 41			
C 10 11 10	2547710900	Electrolytic, 1 mfd, 50 WV	08	2587311000	
C 10,11,19,	2547710900	Electrolytic, 1 mfd, 50 WV	09	2573124700	Sub Chassis
C 10,11,19, 20 C 12	2547710900 2537310300 2547310100	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV	09 10	2573124700 2572612500	Sub Chassis Column, Sub Chassis
C 10,11,19, 20 C 12 C 13	2547710900 2537310300 2547310100 2549422100	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV	09 10 11	2573124700 2572612500 2586311300	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg.
C 10,11,19, 20 C 12 C 13 C 14	2547710900 2537310300 2547310100 2549422100 2537322300	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV	09 10	2573124700 2572612500	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm
C 10,11,19, 20 C 12 C 13 C 14 C 15	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV	09 10 11 12	2573124700 2572612500 2586311300 7020300811	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV	09 10 11 12 13	2573124700 2572612500 2586311300 7020300811 2571410700	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539230100	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV	09 10 11 12 13 14	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539230100 2539510200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV	09 10 11 12 13 14 15	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539230100 2539510200 2546010200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV	09 10 11 12 13 14 15	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539230100 2539510200 2546010200 2547410100	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Ceramic (Feed-thru Type),	09 10 11 12 13 14 15 16 17	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539230100 2539510200 2546010200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 1000 mfd, 16 WV	09 10 11 12 13 14 15 16 17	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539230100 2539510200 2546010200 2547410100 2534010100	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV RESISTORS	09 10 11 12 13 14 15 16 17 18 19 20	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539230100 2539510200 2546010200 2547410100 2534010100	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV	09 10 11 12 13 14 15 16 17 18 19 20 21	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539230100 2539510200 2546010200 2547410100 2534010100	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 1000 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted)	09 10 11 12 13 14 15 16 17 18 19 20	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg.
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539510200 2546010200 2547410100 2534010100 2551251200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W	09 10 11 12 13 14 15 16 17 18 19 20 21	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg.
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539510200 2546010200 2547410100 2534010100 2551251200 2551251200 2551216400	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 160 Kohm, ¼W	09 10 11 12 13 14 15 16 17 18 19 20 21	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539510200 2546010200 2547410100 2534010100 2551251200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 1000 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 160 Kohm, ¼W Carbon film, 3.3 Kohm, ¼W	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700 2572311600	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg.,
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539230100 2546010200 2547410100 2534010100 2551251200 2551251200 2551216400 2551233200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 1000 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 160 Kohm, ¼W Carbon film, 3.3 Kohm, ¼W	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg., 3mm×12mm
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2539230100 2539510200 2546010200 2547410100 2534010100 2551251200 2551216400 2551233200 2551247300 2556310300	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 1000 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 3.3 Kohm, ¼W Carbon film, 47 Kohm, ¼W	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700 2572311600	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg., 3mm×12mm
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103 (All resi R 1 R 2 R 3 R 4 R 5, 9, 22 R 6 R 7	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2539230100 2539510200 2546010200 2547410100 2534010100 2551251200 2551216400 2551233200 2551247300 2556310300	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 mfd, 16 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Electrolytic, 500 WV Electrolytic, 100 mfd, 16 WV Caramic (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 3.3 Kohm, ¼W Carbon film, 47 Kohm, ¼W Carbon Composition, 10 Kohm	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700 2572311600 7020301211 2571211200	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg., 3mm×12mm Feed Reel Drum Shaft and Lever Spacer, Feed Reel Drum Shaft and
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103 (All resi R 1 R 2 R 3 R 4 R 5, 9, 22 R 6 R 7 R 8	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539510200 2546010200 2547410100 2534010100 2551251200 2551233200 25512347300 2556310300 2556351200 2556322100 2556322100 255632300	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Ceramic (Feed-thru Type), 1000 pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 47 Kohm, ¼W Carbon film, 47 Kohm, ¼W Carbon Composition, 10 Kohm Carbon Composition, 5.1 Kohm Carbon Composition, 62 Kohm	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700 2572311600 7020301211	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg., 3mm×12mm Feed Reel Drum Shaft and Lever Spacer, Feed Reel Drum Shaft and
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103 (All resi R 1 R 2 R 3 R 4 R 5, 9, 22 R 6 R 7 R 8 R 10	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539510200 2546010200 2547410100 2534010100 25512126400 2551233200 25521247300 2556351230 2556351200 2556322100 2556322200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 mfd, 16 WV Electrolytic, 1000 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 3.3 Kohm, ¼W Carbon film, 47 Kohm, ¼W Carbon Composition, 10 Kohm Carbon Composition, 5.1 Kohm Carbon Composition, 62 Kohm Carbon Composition, 62 Kohm Carbon Composition, 2.2 Kohm	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700 2572311600 7020301211 2571211200 2572612600	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg., 3mm×12mm Feed Reel Drum Shaft and Lever Spacer, Feed Reel Drum Shaft
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103 (All resi R 1 R 2 R 3 R 4 R 5, 9, 22 R 6 R 7 R 8 R 10 R 11, 20	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539510200 2546010200 2547410100 2534010100 2551251200 2551216400 2551233200 2556310300 2556351200 2556351200 2556322100 2556322200 2556311200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Electrolytic, 500 WV Electrolytic, 100 mfd, 16 WV Carbon (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 3.3 Kohm, ¼W Carbon film, 47 Kohm, ¼W Carbon Composition, 10 Kohm Carbon Composition, 5.1 Kohm Carbon Composition, 520 ohm Carbon Composition, 62 Kohm Carbon Composition, 2.2 Kohm Carbon Composition, 1.1 Kohm	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700 2572311600 7020301211 25772612600 2572612700	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg., 3mm×12mm Feed Reel Drum Shaft and Lever Spacer, Feed Reel Drum Shaft and Lever Washer, Feed Reel Drum Shaft
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103 (All resi R 1 R 2 R 3 R 4 R 5, 9, 22 R 6 R 7 R 8 R 10 R 11, 20 R 12, 15	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539510200 2546010200 2547410100 2534010100 2551251200 2551233200 2551233200 2556351200 2556351200 2556351200 2556322100 2556322100 2556322100 2556311200 2556311200 2556311200 2556311200 2556311200 2556311200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Ceramic (Feed-thru Type), 1000 pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 3.3 Kohm, ¼W Carbon film, 47 Kohm, ¼W Carbon Composition, 10 Kohm Carbon Composition, 5.1 Kohm Carbon Composition, 62 Kohm Carbon Composition, 2.2 Kohm Carbon Composition, 1.1 Kohm Carbon Composition, 510 ohm	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700 2572311600 7020301211 25772612600 2572612700 2572612700 2576416000	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg., 3mm×12mm Feed Reel Drum Shaft and Lever Spacer, Feed Reel Drum Shaft
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103 (All resi R 1 R 2 R 3 R 4 R 5, 9, 22 R 6 R 7 R 8 R 10 R 11, 20 R 12, 15 R 13	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539510200 2546010200 2547410100 2534010100 2551233200 2551233200 2556351200 2556351200 2556322100 2556322100 2556322100 2556322100 2556322100 2556312300 255632300 2556322100 2556312300 2556322100 2556322100 255631200 2556312300 255632200 2556311200 255631100 2556333300	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Ceramic (Feed-thru Type), 1000pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 3.3 Kohm, ¼W Carbon film, 47 Kohm, ¼W Carbon Composition, 5.1 Kohm Carbon Composition, 5.1 Kohm Carbon Composition, 220 ohm Carbon Composition, 22 Kohm Carbon Composition, 510 ohm Carbon Composition, 510 ohm Carbon Composition, 510 ohm Carbon Composition, 510 ohm Carbon Composition, 33 Kohm	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700 2572311600 7020301211 25772612600 2572612700 2572612700 2572612700 2571215501	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Screw, Head Mounting Plate, 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg., 3mm×12mm Feed Reel Drum Shaft and Lever Spacer, Feed Reel Drum Shaft and Lever Washer, Feed Reel Drum Shaft
C 10,11,19, 20 C 12 C 13 C 14 C 15 C 16 C 17 C 18 C 101 C 102 C 103 (All resi R 1 R 2 R 3 R 4 R 5, 9, 22 R 6 R 7 R 8 R 10 R 11, 20 R 12, 15	2547710900 2537310300 2547310100 2549422100 2537322300 2537347300 2547547900 2539510200 2546010200 2547410100 2534010100 2551251200 2551233200 2551233200 2556351200 2556351200 2556351200 2556322100 2556322100 2556322100 2556311200 2556311200 2556311200 2556311200 2556311200 2556311200	Electrolytic, 1 mfd, 50 WV Mylar, 0.01 mfd, 50 WV Electrolytic, 100 mfd, 10 WV Electrolytic, 220 mfd, 16 WV Mylar, 0.022 mfd, 50 WV Mylar, 0.047 mfd, 50 WV Electrolytic, 4.7 mfd, 25 WV Polyethylene, 300 pF, 50 WV Polyethylene, 1000 pF, 250 WV Electrolytic, 1000 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Electrolytic, 100 mfd, 16 WV Ceramic (Feed-thru Type), 1000 pF, 500 WV RESISTORS W, 10%, unless otherwise noted) Carbon film, 5.1 Kohm, ¼W Carbon film, 3.3 Kohm, ¼W Carbon film, 47 Kohm, ¼W Carbon Composition, 10 Kohm Carbon Composition, 5.1 Kohm Carbon Composition, 62 Kohm Carbon Composition, 2.2 Kohm Carbon Composition, 1.1 Kohm Carbon Composition, 510 ohm	09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	2573124700 2572612500 2586311300 7020300811 2571410700 2576210600 7402002631 7020260511 2577410900 7020170311 2573317900 2521710700 7020261411 2573328000 2521810700 2572311600 7020301211 25772612600 2572612700 2572612700 2576416000	Sub Chassis Column, Sub Chassis Bracket, Slide Switch Mtg. Screw, 3mm×8mm Pressure Pad Felt, Pressure Pad Lock Washer, 2.6mm Screw, 2.6mm×5mm Spring, Record/Playback Head Screw, Head Mtg., 1.7mm×3mm Plate, Record/Playback Head Mtg. Record/Playback Head Mtg. Record/Playback Head Mtg. 2.6mm×14mm Bracket, Erase Head Mtg. Erase Head Tape Guide Screw, Tape Guide Mtg., 3mm×12mm Feed Reel Drum Shaft and Lever Spacer, Feed Reel Drum Shaft and Lever Washer, Feed Reel Drum Shaft and Lever Washer, Nylon, 0.5mm

PARTS LIST

Key N	No.	Stock No.	Description
32	2	572813400	Truss Screw, Reel Drum Mtg., 2.6mm×6mm
33	2	• 571018000	Spring, Feed Reel Drum Shaft and Lever
34	2	573413800	
35		512511300	
36		575515500	
37			Pulley, Motor
38		576112900	
39		020260611	
40		573318400	Plate, Motor Mtg.
41		576113000	9
42		572612900	, , , , , , , , , , , , , , , , , , , ,
43		573511000	1 ,
43		020301011	Screw, Motor Plate Mtg.,
			3mm×10mm
45		576310100	
46		574311500	, , , , , , , , , , , , , , , , , , , ,
47		577117100	1 6/
48		405003231	1 0,
49		571810800	0, 1
50		409020021	Ball, Steel, Capstan Shaft Bearing
51		575512300	1
52		571714300	Flywheel and Capstan Shaft
53	2	576415800	Washer, Vinyl, Capstan Sleeve
54		575312000	Capstan Sleeve
55	2	572811400	Nut, Capstan Sleeve Retaining
56	2	574311400	Arm, Brake, Take-up
57	2	577117000	Spring, Take-up Brake
58	2	576417800	Washer, Nylon, 1mm
59	2	575413200	Pulley, Take-up
60	2	577218501	Spring, Friction Plate
61	2	576425400	Plate, Friction
62		571215401 571216800	Reel Drum, Take-up
63	2	574225200	Lever, Take-up
64	2	573418800	Retainer, Take-up Lever
65	7	020300411	Screw, Playback Slider Spring Mtg., 3mm×4mm
66	2	573417600	Spring, Playback Slider
67		574111901	Slider, Playback
68		577415100	
69		574112001	1 0,
70		574610800	
71		577212800	Spring, Pressure Roller
	1		Split Pin, Pressure Roller Spring
72 73		430201811 571711800	Arm, Pressure Roller
		575212500	Pressure Roller
74 75		574610700	Plate, Pressure Pad Actuating
	2	01.4010100	Switch, S 103, See Switches Parts List
76	2	586310600	Bracket, AC Connector Mtg.
77	2	586310600	
78	0	572/12700	Switch, S 105, See Switches Parts List
79		573413700	Guide, Pressure Roller Arm
80		571611800	Assembly, Push Button
81		572712700	Rod, Rewind
82		320200051	Nut, Rewind Rod, 2mm Bracket, Printed Circuit Board
83		573318200	Mtg., Right
84		584711600	Hinge, Printed Circuit Board Countersunk Screw, Hinge Mtg.,
85		024300811	$3mm \times 8mm$
86	2	573414500	Stud Plate, Main Chassis Mtg.
87			Switch, S 104, See Switches Parts List
88		574112301	Slider, Brake and S 104 Switch
89	2	577116900	Spring, Slider

Key No.	Stock No.	Description
90	2571119300	Retainder, Capstan Shaft Bearing Ball
91	2586310500	Bracket, Volume Mtg.
92	2586511400	Plate, Jack Mtg.
93	2573117100	Partition Plate, Pocket
94	2571010100	Terminal Plate, Battery
95	2573318300	Bracket, Printed Circuit Board
96	2576424700	Mtg., Left Washer, Nylon, 1mm
97	7024300611	Countersunk Screw, Take-up Lever
98	7400103011	Retainer Mtg., 3mm×6mm Washer, Fast Forward Slider Spring, 3mm
		CABINET
	lamar e sanal	
	2581114600	
	2581310900	Front Grille
	2581211100 2581217800	Pocket Cover
	7020300811	Screw, Bottom Cover Mtg., 3mm×6mm
	7020300511	Screw, Bottom Cover and Decoration Plate Mtg., 3mm×5mm
	7100301011	Self-tapping Screw, Front Grille Mtg., 3mm×10mm
	7100300611	Self-tapping Screw, Pocket Cover Mtg., 3mm×6mm
	2581211000	Battery Cover
	2581912201 2581915600	Panel
	2581413100	Decoration Plate, Right
	2581413200	Decoration Plate, Left
	2583512200	Retainer, Decoration Plate Self-tapping Screw, Panel Mtg.,
	7100300811	3mm×8mm
	2581217900	Top Cover
	2582511900	Handle, Carrying
	2583512000	, ,
	2583511700	1 ,
	7026401813	Truss Screw, Handle Mtg.,
	2582915201	4mm×18mm
	2582914901	Head Cover
	2581612200	, , , , , , , , , , , , , , , , , , , ,
	2584612000	,
	2572811500 7320300051	Pin, Capstan Sleeve Storing Nut, Capstan Sleeve Storing Pin
	7401003021	Mtg., 3mm
	2583112700	
	2583312400	
	2595614200	
		Battery Label
	2595812500	Label, Line Voltage
	1	PACKAGE
	2591312900	
		Cushion, Left
		Cushion, Right
	2594311800	Polyethylene Bag
	2593110500	Holder, Battery
	2591900100	Spacer, Top Cover

