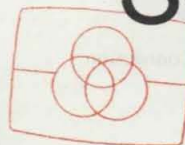


Service Manual

Stereo Music System

SG-V03

FM/AM/FM STEREO RADIO WITH
CASSETTE TAPE DECK AND RECORD PLAYERFree service manuals (E)
Gratis schema's

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Specifications

AMPLIFIER SECTION

Power Output: MPO; 5W x 2 (THD 5%, 8 ohms)
 PMPO; 10W x 2 (THD 5%, 8 ohms)
 RMS; 3.6W x 2 (THD 5%, 8 ohms)
 One channel driven
 3W x 2 (THD 5%, 8 ohms)
 Both channel driven

Input Sensitivity & Impedance:

Mic; 1.6 mV, 40 k ohms
 Tone Control: +4 dB, -15 dB at 10 kHz
 OUTPUT IMPEDANCE: 8Ω

FM TUNER SECTION

Frequency Range: 87.5 MHz ~ 108 MHz
 Intermediate Frequency:
 (IF); 10.7 MHz
 Sensitivity: 4.5 μV (S/N 26 dB Mod, 40 kHz) (DIN)
 at 75 ohms
 Image Ratio: 40 dB (98 MHz)
 S/N Ratio: 55 dB (at 1 kHz, 60 dB, 40 kHz)
 Distortion: MONO; 0.2% (at 1 kHz, 60 dB, 40 kHz)
 STEREO; 0.45% (at 1 kHz, 60 dB, 40 kHz)
 Stereo Separation: 40 dB (at 1 kHz, 60 dB, 40 kHz)

AM TUNER SECTION

Frequency Range: 525 ~ 1605 kHz (571 m ~ 187 m)
 Intermediate Frequency:
 (IF); 450 kHz

* Specifications are subject to change without notice for further improvement.

Sensitivity: 200 μV/m (1 MHz)
 Image Ratio: 35 dB (1 MHz)

PHONO SECTION

Turntable System: Belt-Drive, Fully Automatic Turntable
 Turntable Platter: 28 cm (11")
 Turntable Speed: 33-1/3 rpm and 45 rpm
 Phono Motor: Electro-Governor DC Motor
 Cartridge: Ceramic cartridge (EPC-13STH)
 Stylus: Sapphire tip (EPS-41ST)
 Stylus Pressure Range: 6 g

TAPE DECK SECTION

Track System: 4-Track, 2-Channel
 Recording System: AC Bias, 47 kHz
 Erasing System: Magnet (Multi poles)
 Tape Speed: 4.75 cm/sec.
 Frequency Response: 50 Hz ~ 10 kHz
 S/N Ratio: 40 dB (DIN)
 Wow & Flutter: 0.2% (WRMS)

POWER SUPPLY: AC 220V, 50/60 Hz

POWER CONSUMPTION: 22W

DIMENSIONS (W x H x D): . . 450 mm x 125 mm x 403 mm
 (17-3/4") (4-15/16") (15-7/8")

WEIGHT: 4.9 kg (10 lbs, 13 oz.)

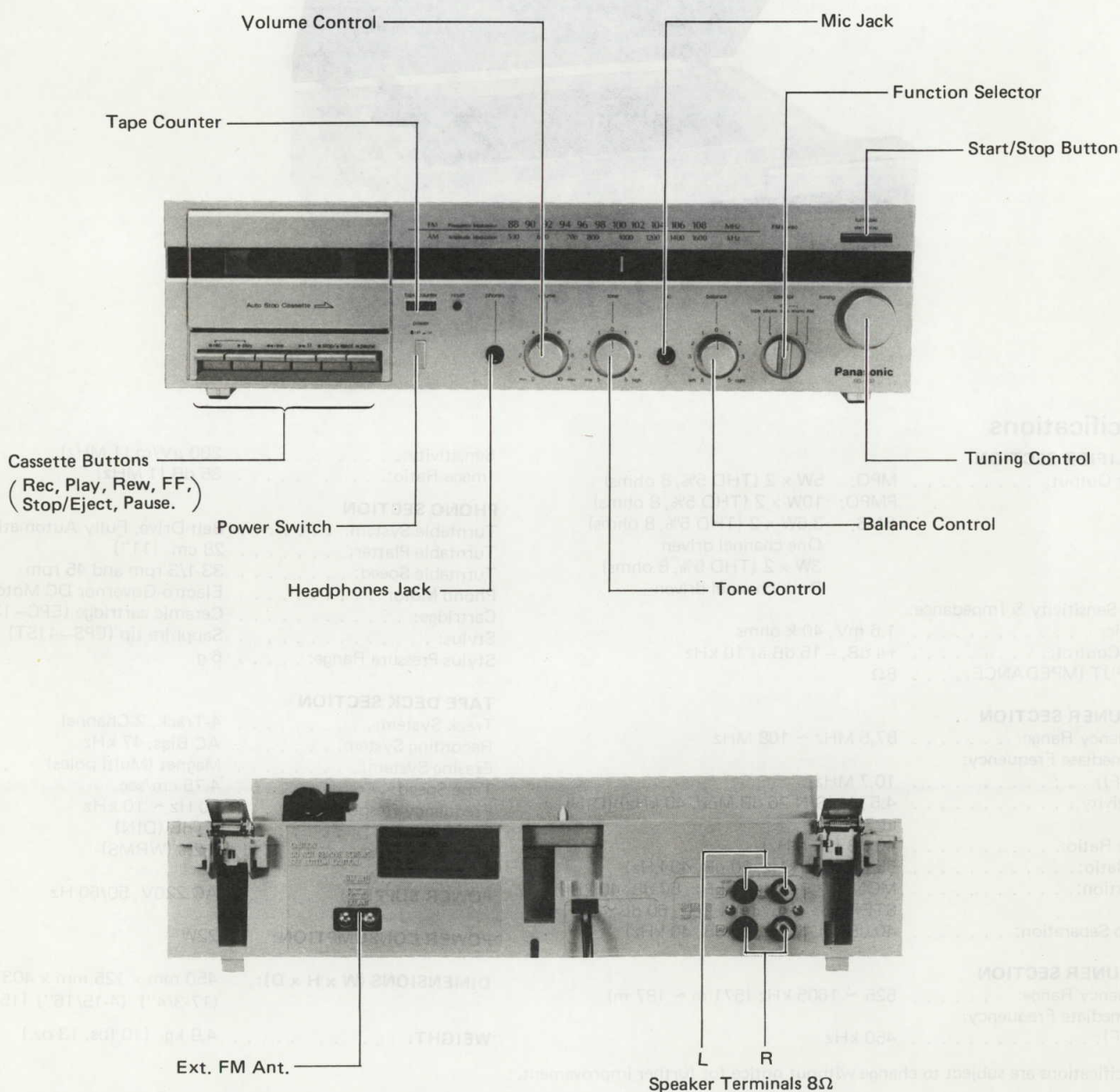
Panasonic

Matsushita Electric Trading Co., Ltd.
 P.O. Box 288, Central Osaka Japan

CONTENTS

	Page		Page
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Block Diagram	8	IC Block Diagram	21
Circuit Board and Wiring Connection	9	* Refer to Common Edition of Service Manual	
Schematic Diagram	10	(ORDER NO. TSD-8001-654)	
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LOCATION OF CONTROLS



Service Manual

FM/AM/FM STEREO RADIO WITH
CASSETTE TAPE DECK AND RECORD PLAYER

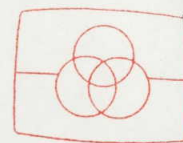
Stereo Music System

SG-V03

Free service manuals
Gratis schema's (E)

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Correction

Supplement - 1

Please use this manual together with the Service Manual for Model No. SG-V03(E) Order No. TSD8206005C2

■ REPLACEMENT PARTS LIST (Page 11)

Ref. No.	Part No.		Descriptions	Per Set (p.c.s.)
	Original	➡ Correct		
FUSES				
F902	⚠	XBAS2C025T2A ➡ XBA2C05TR0	Fuse 250V T500mA	1

■ REPLACEMENT PARTS LIST OF RECORD PLAYER (Page 19)

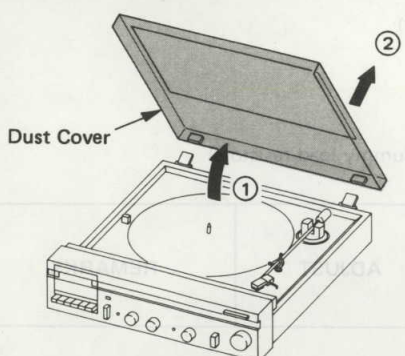
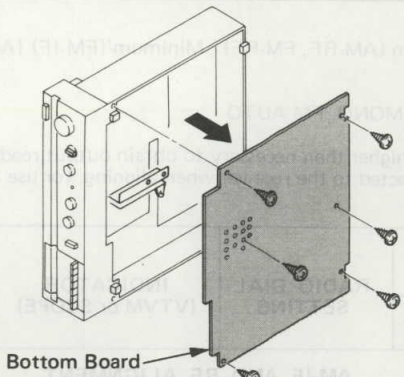
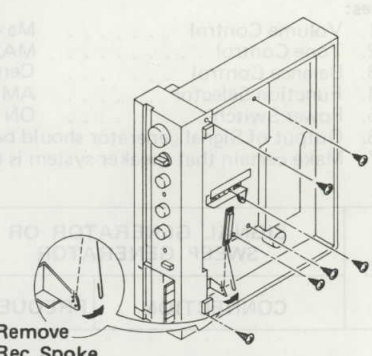
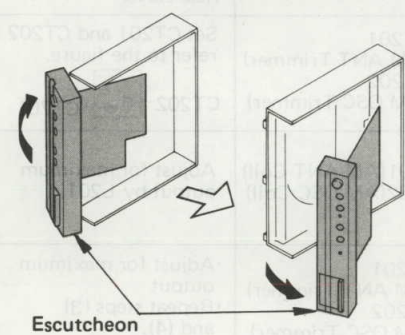
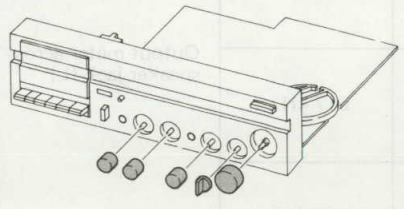
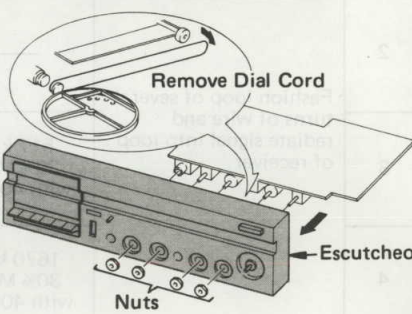
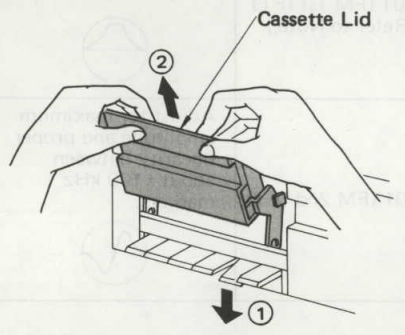
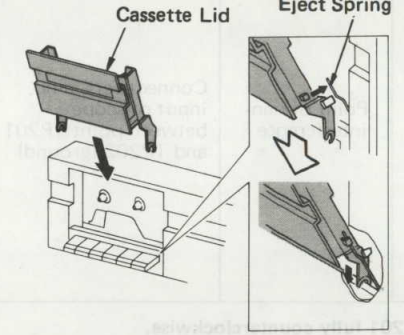
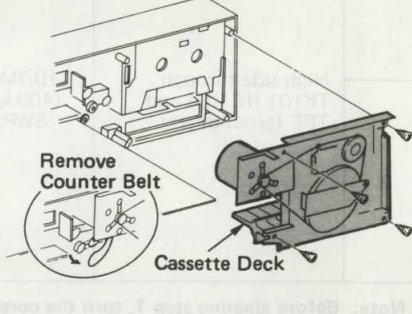
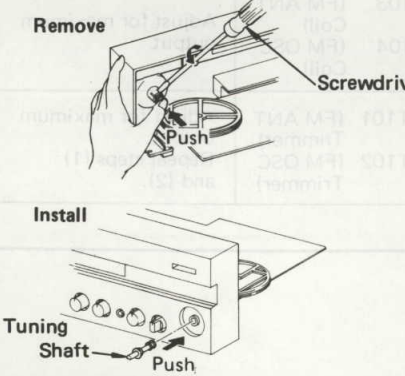
Items of Assembly Parts

Ref. No.	Part No.		Descriptions	Per Set (p.c.s.)
	Original	Correct		
3	SYJ434	➔ SYU416	Main Gear Ass'y	1
			Main Gear	(1)
			Actuating Link	(1)
			Friction Link	(1)
			Push Nut	(1)
31	SJY342	➔ Delete	Arm Rest Ass'y	1
			Arm Rest	(1)
			Clumper	(1)

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DISASSEMBLY INSTRUCTIONS

① Remove Dust Cover  Dust Cover	② Remove Bottom Board  Bottom Board	③ Remove Screw  Remove Rec. Spoke
④ Remove Escutcheon-1  Escutcheon	⑤ Pull Knobs 	⑥ Remove Escutcheon-2  Remove Dial Cord Escutcheon Nuts
⑦ Remove Cassette Lid  Cassette Lid	⑧ Install Cassette Lid  Cassette Lid Eject Spring	⑨ Remove Cassette Deck  Remove Counter Belt Cassette Deck
⑩ Replace Tuning Shaft  Remove Screwdriver Push Install Tuning Shaft Push	■ To Replace Parts on P.C. Board Refer to ① ~ ④ ■ To Remove Escutcheon Refer to ① ~ ⑥ ■ To Remove Cassette Deck Refer to ① ~ ④, ⑦, ⑨ ■ To Replace Tuning Shaft Refer to ① ~ ⑥, ⑩ Free service manuals Gratis schema's Digitized by www.freeservicemanuals.info	

ALIGNMENT INSTRUCTIONS-1

Radio

Notes:

1. Volume Control Maximum (AM-RF, FM-RF) ; Minimum (FM-IF) (AM-IF)
2. Tone Control MAX.
3. Balance Control Center
4. Function Selector AM, FM MONO, FM AUTO
5. Power Switch ON
6. Output of Signal generator should be no higher than necessary to obtain output reading.
7. Make certain that speaker system is connected to the receiver when aligning. (or use 8Ω dummy load resistors).

STEP	SIGNAL GENERATOR OR SWEEP GENERATOR		RADIO DIAL SETTING	INDICATOR (VTVM or SCOPE)	ADJUST	REMARKS
	CONNECTION	FREQUENCY				
AM-IF AND RF ALIGNMENT						
1	High side through more than 1000pF to TP102 (R201) and TPE (ground).	450 kHz	Point of non-interference	Connect Vert. amp. input to scope between point TP201 and TP202 (ground).	T202 (AM 1st IFT) T203 (AM 2nd IFT)	Adjust for maximum amplitude and symmetrical curve.
2	Fashion loop of several turns of wire and radiate signal into loop of receiver	—	—	Output meter across speaker jack (L)	CT201 (AM ANT Trimmer) CT202 (AM OSC Trimmer)	Set CT201 and CT202 refer to the figure.  CT201
3		517 kHz 30% Mod. with 400 Hz	517 kHz		L201 (AM ANT Coil) L202 (AM OSC Coil)	Adjust for maximum output by L201.
4		1670 kHz 30% Mod. with 400 Hz	1670 kHz		CT201 (AM ANT Trimmer) CT202 (AM OSC Trimmer)	• Adjust for maximum output • Repeat steps (3) and (4).
FM-IF ALIGNMENT						
1	High side through TP101 (IC101) and TPE (ground)	10.7MHz (400 kHz SWP.)	Point of non-interference	Connect vert. amp. input of scope between point TP201 and TP202 (ground)	T101 (FM 1st IFT) (Refer to Note.)	Adjust T101 for maximum amplitude and symmetrical curve. 
2					T201 (FM 2nd IFT)	Adjust for maximum amplitude and proper linearity between about ±100 kHz markers. 
Note: Before aligning step 1, turn the core of T201 fully counterclockwise.						
FM-RF ALIGNMENT						
1	Connect to EXT. FM antenna terminal through Dummy Antenna (75Ω)	87.30 MHz 30% Mod. with 400 Hz	87.30 MHz	Output meter across speaker jack (L)	L103 (FM ANT Coil) L104 (FM OSC Coil)	Adjust for maximum output.
2		108.5 MHz 30% Mod. with 400 Hz	108.5 MHz		CT101 (FM ANT Trimmer) CT102 (FM OSC Trimmer)	Adjust for maximum output. Repeat steps (1) and (2).
Note: As three output readings will be present, adjustments must be made at center frequency.						

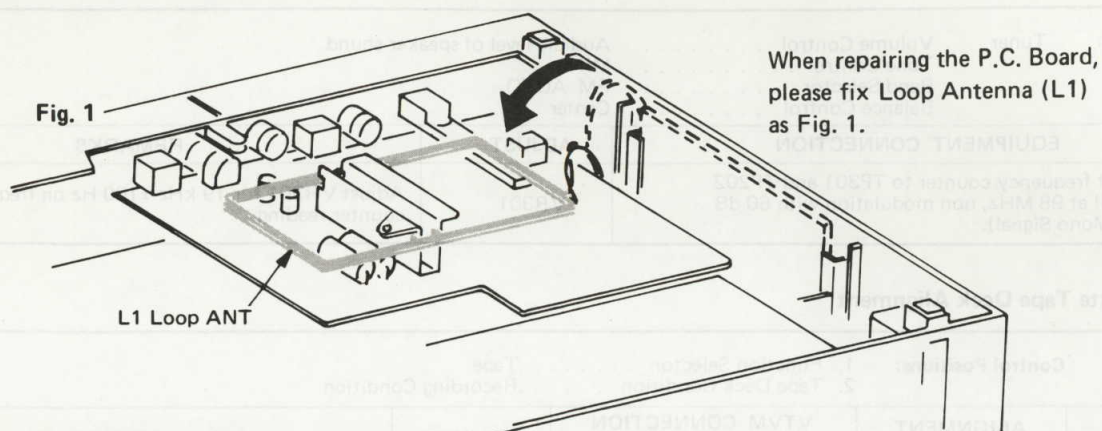
a test tape (6.3k
rew for max. ind

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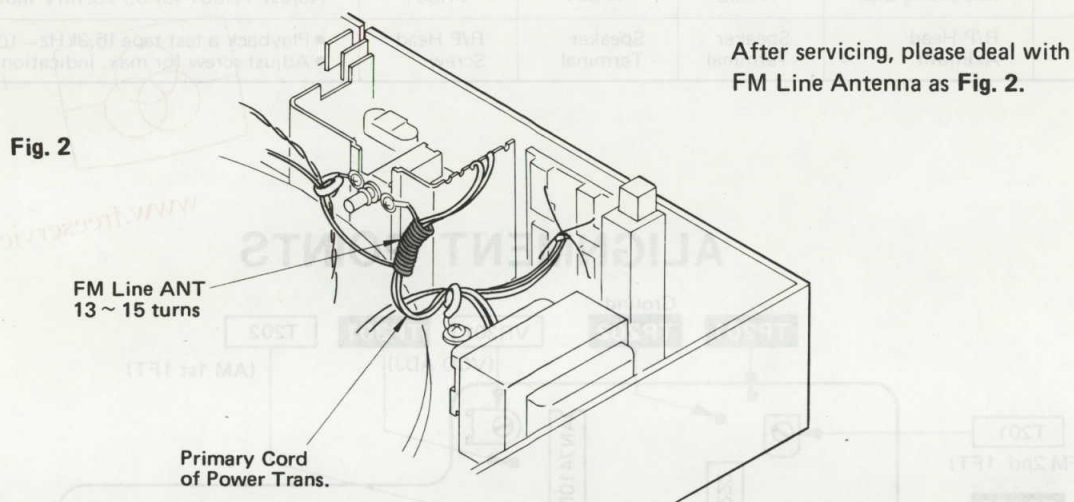
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SERVICE AID

■ Disposition of AM Loop Antenna



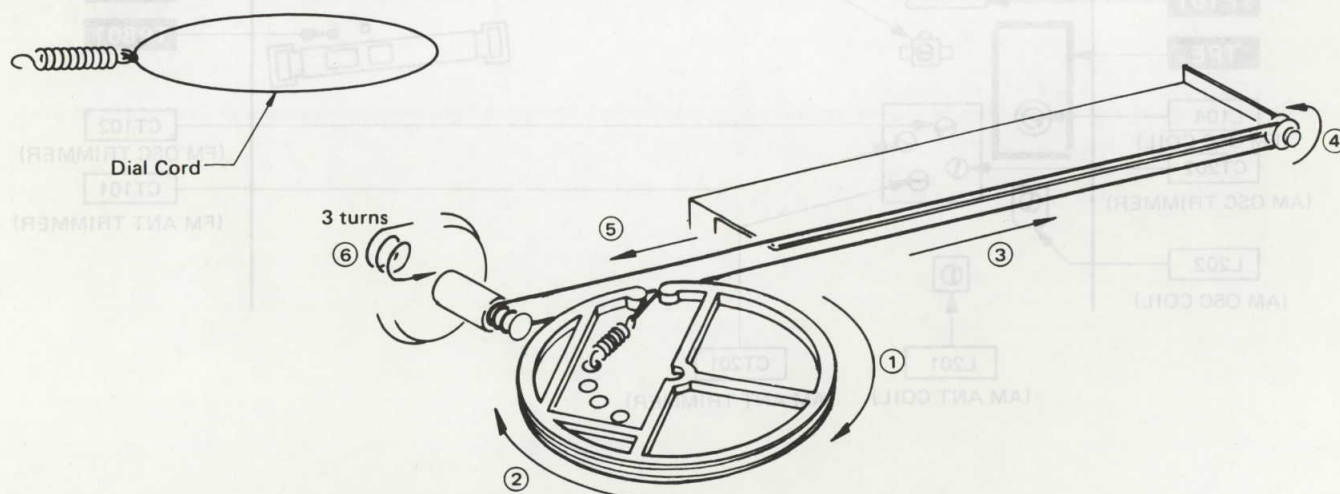
■ Disposition of FM Line Antenna



DIAL CORD STRINGING GUIDE

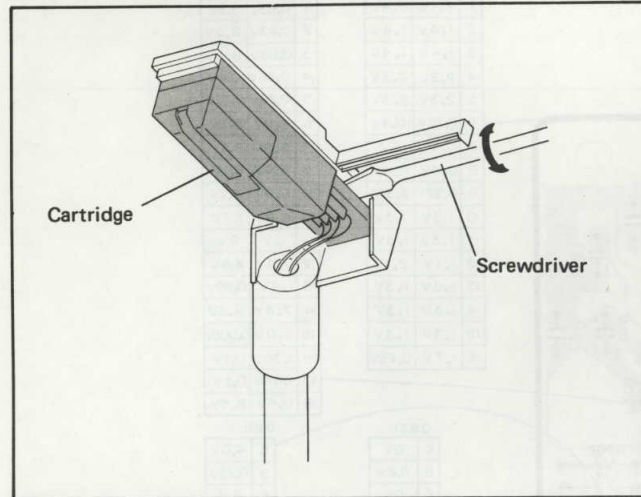
Note:

Dial Drum Turn Fully Clockwise
Dial Cord Loop Length . . 105.6cm

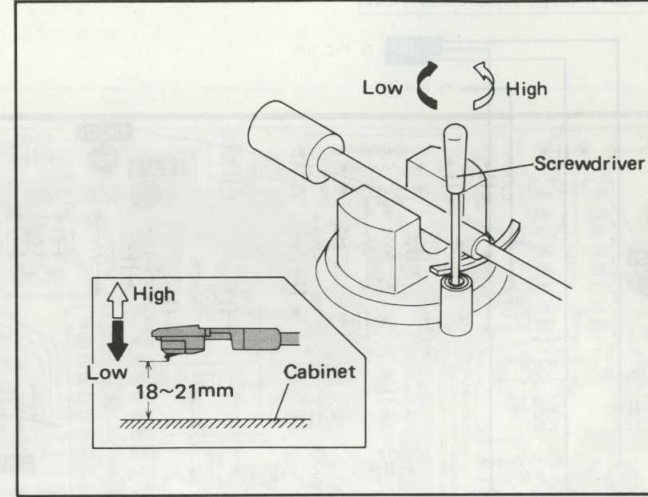


SERVICING THE RECORD PLAYER

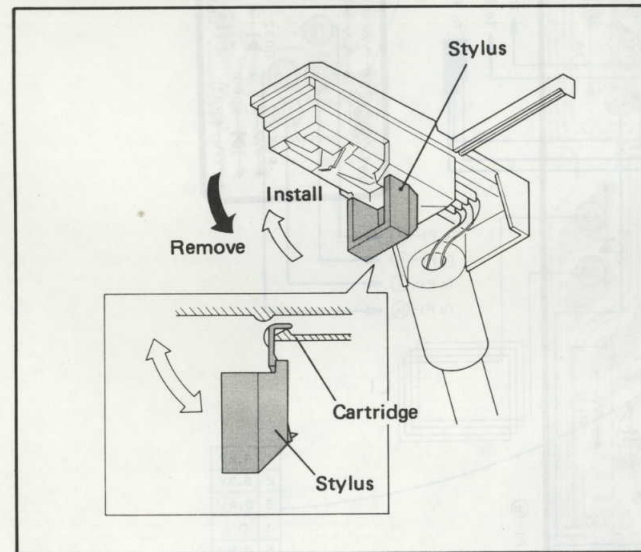
■ CARTRIDGE REPLACEMENT



■ TONE ARM LIFTING HEIGHT ADJUSTMENT

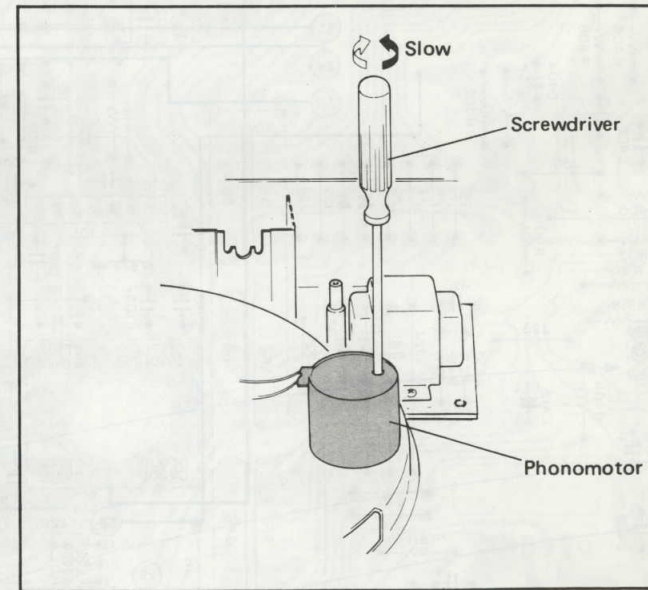


■ STYLUS REPLACEMENT

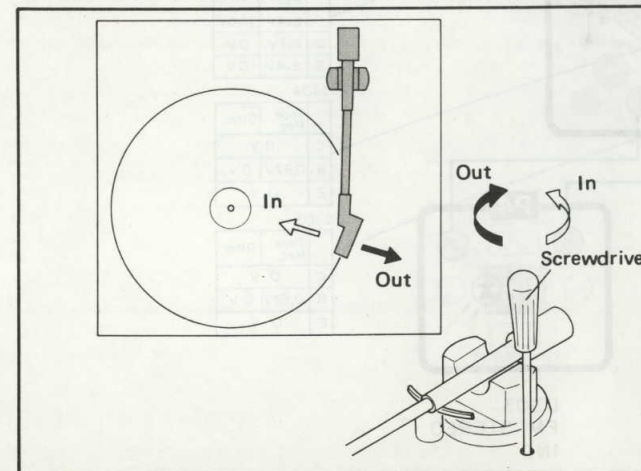


■ MOTOR SPEED ADJUSTMENT

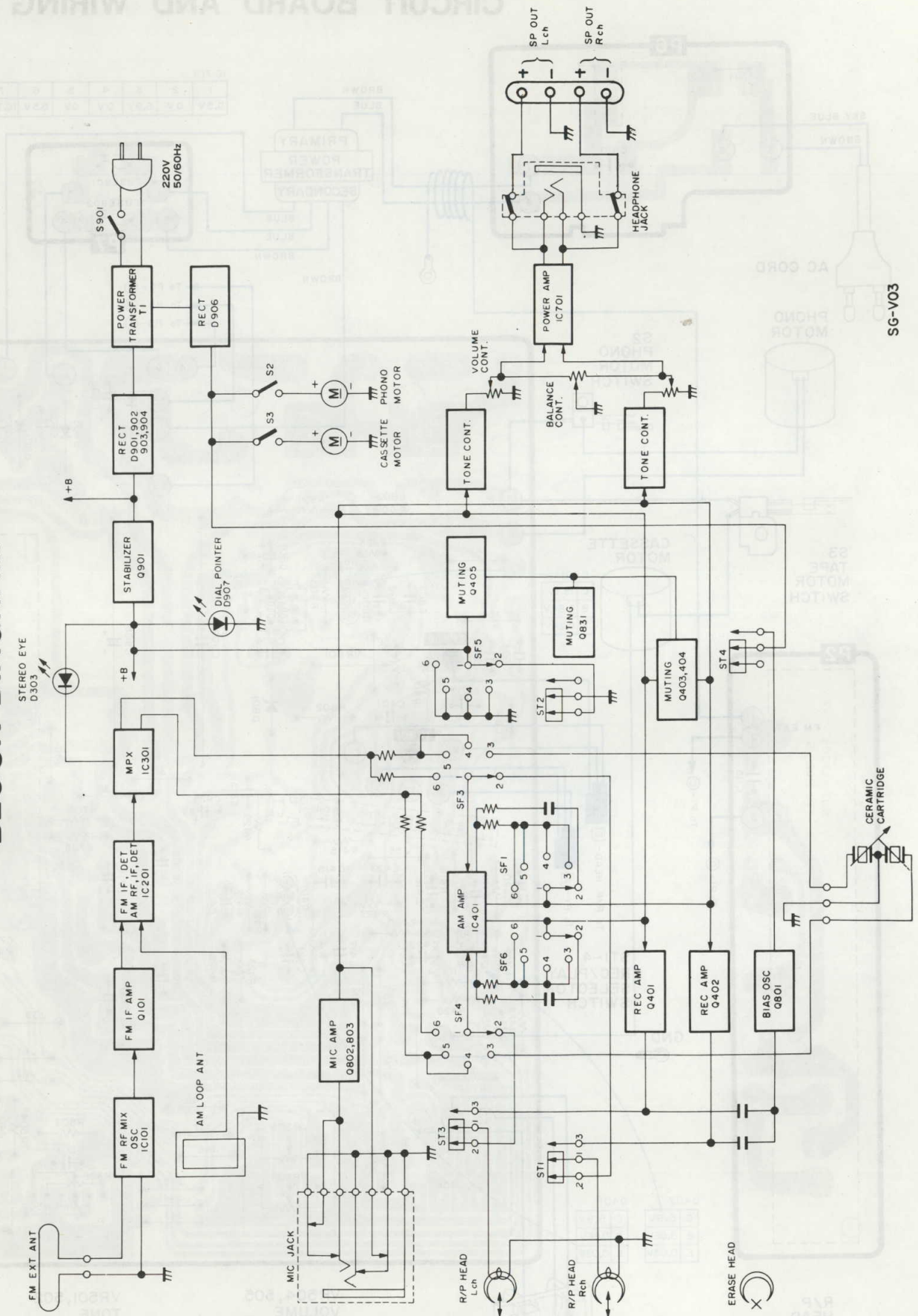
Adjust the screw when the turntable rotation going out of normal speed.



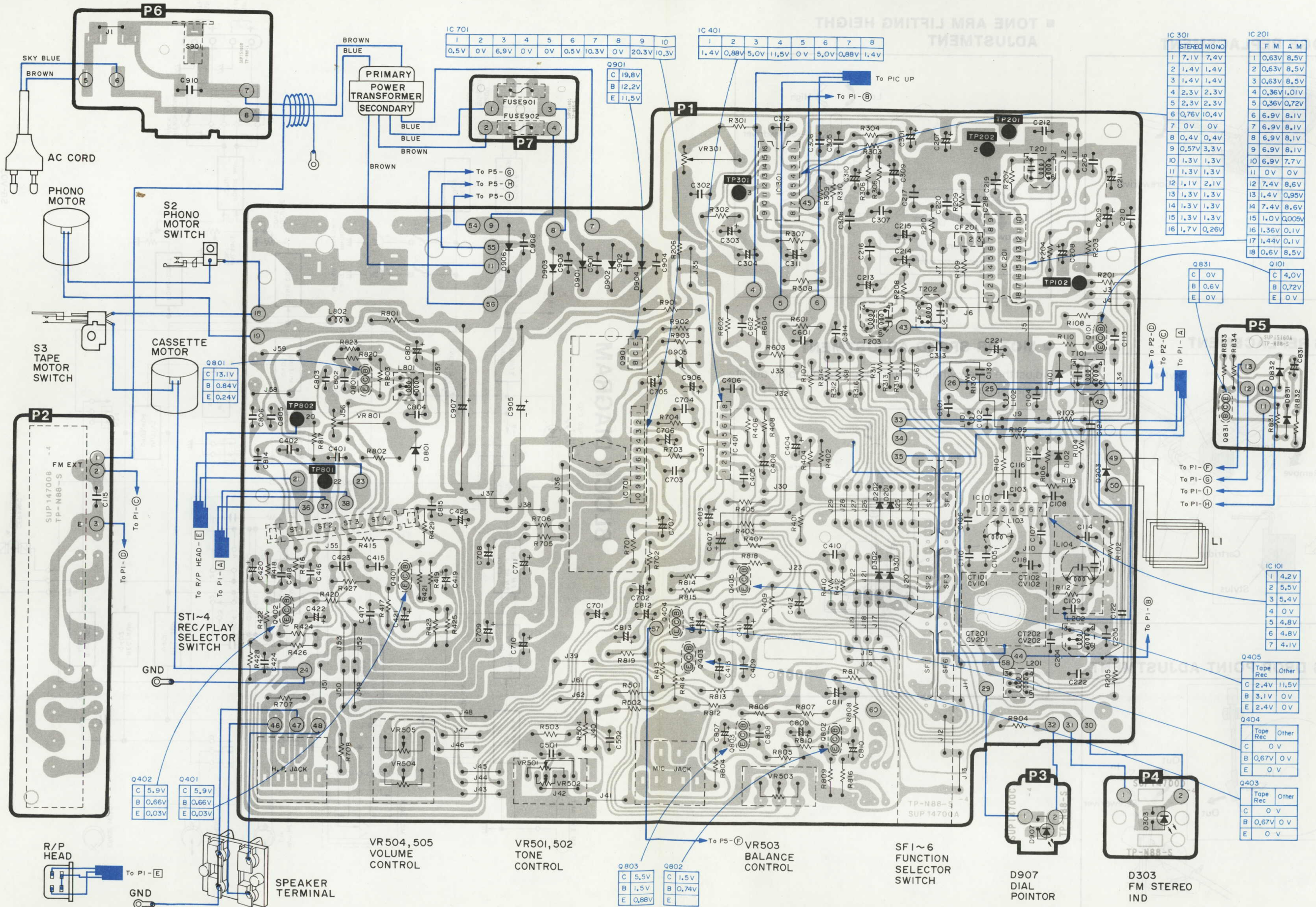
■ STYLUS DROP POINT ADJUSTMENT



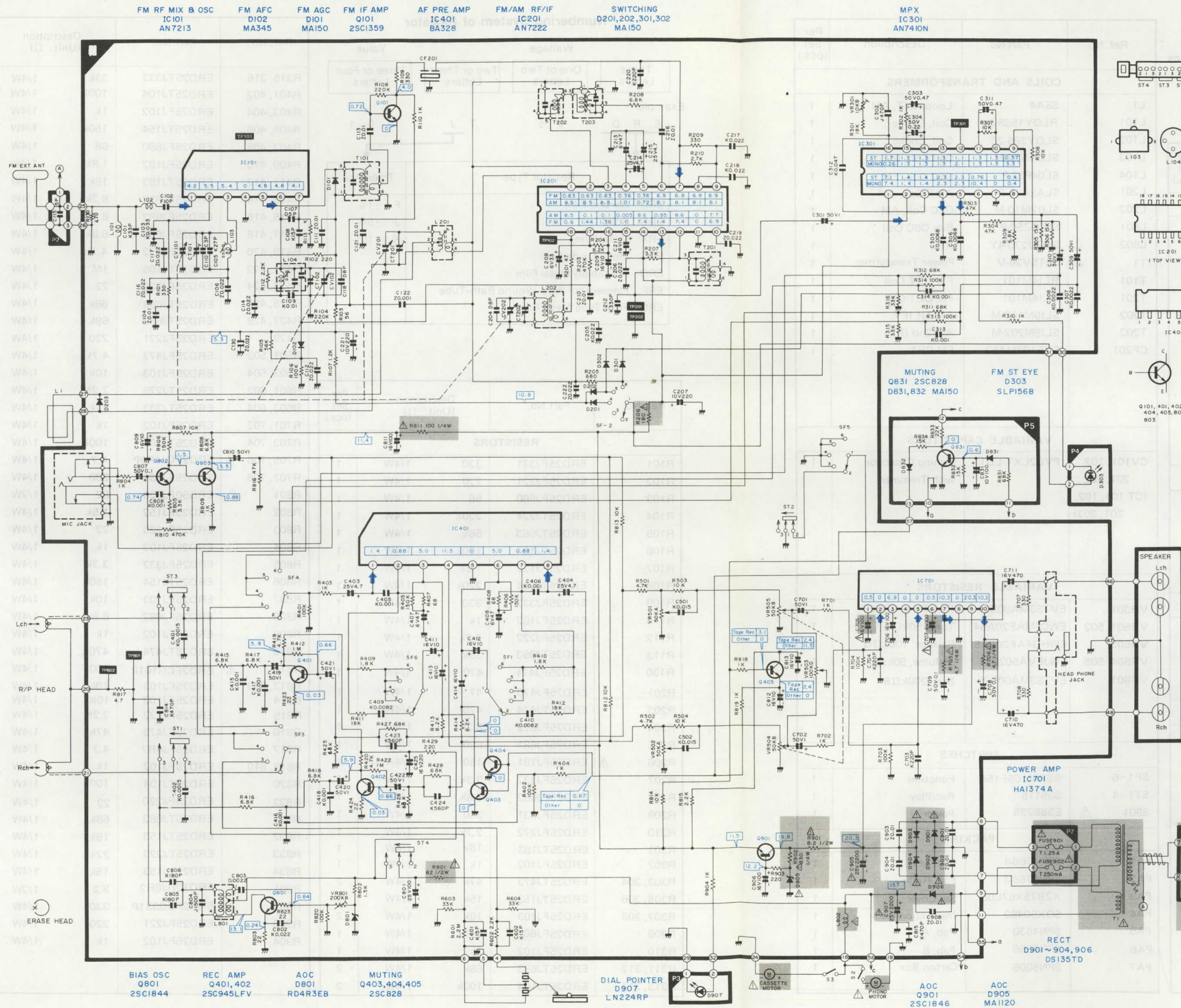
BLOCK DIAGRAM



CIRCUIT BOARD AND WIRING CONNECTION MODEL SG-V03(E)



SCHEMATIC DIAGRAM MODEL SG-V03(E)

SCHEMATIC DIAGRAM
MODEL NO. SG-V03(E)

REPLACEMENT PARTS LIST

NOTES:

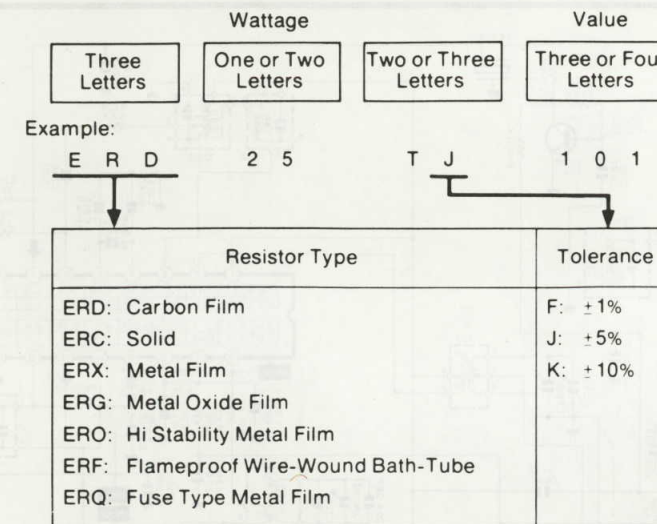
- Important safety notice
Components identified by Δ mark have special characteristics important for safety. When replacing any of these components, use only manufacturer's specified parts.
- Parts No. listed in this parts list are of service parts.

Ref. No.	Part No.	Description	Per Set (pcs.)
TRANSISTORS			
Q101	2SC1359-B	FM IF AMP	1
Q401, 402	2SC945L-P	Rec. Amp	2
Q403~405	2SC828AS	Muting	3
Q801	2SC1844-F	Bias OSC	1
Q802, 803	2SC945L-P	Mic. Amp	2
Q831	2SC828AS	Muting	1
Q901	2SC1846-R	AOC	1
INTEGRATED CIRCUITS			
IC101	AN7213	FM RF	1
IC201	AN7222	FM AM IF, DET	1
IC301	AN7410N	MPX	1
IC401	BA328	AF	1
IC701	HA1374A	Power	1
FUSES			
F901 Δ	XBAS2C12T2A	FUSE 250V T1.25A	1
F902 Δ	XBAS2CO25T2A	FUSE 250V T250mA	1
DIODES			
D101	MA162A	FM AGC	1
D102	MA345	FM AFC	1
D201, 202	MA162A	Switching	2
D203	5M112	RECT	1
D301, 302	MA162A	Switching	2
D303	SLP156B	FM Stereo Eye	1
D801	RVDMZ204	AOC	1
D831, 832	MA162A	Muting	2
D901~904 Δ	DS135TD	RECT	4
D905 Δ	RVDRD12FB	AOC	1
D906 Δ	DS135TD	RECT	1
D907	LN224RP	Dial Pointer	1

Ref. No.	Part No.	Description	Per Set (pcs.)
COILS AND TRANSFORMERS			
L1	SSA4	Loop ANT, AM	1
L101	RLQY15S5-0	Coil, Choke	1
L102	SLQY38S-20	Coil, Choke	1
L103	SLD4N22-M	Coll Coil, FM	1
L104	SL04P32-P	OSC Coil, FM	1
L201	SLA2B21-P	ANT Coil, AM	1
L202	SL02M10-M	OSC Coil, AM	1
L801	SL09Z50-P	Bias OSC Coil	1
L802 Δ	SLQU270-4Y	RFC	1
T1 Δ	SLT5V36-V	Power Transformer	1
T101	RLI4M101	FM DET Coil	1
T201	RLI4M101	FM DET Coil	1
T202	SLI9M102-M	AM 1st IFT	1
T203	SLI9M202-M	AM 2nd IFT	1
CF201	SVF107MA53	FM CFT	1
VARIABLE CAPACITORS			
CV101, 102 201, 202 (CT 101, 102, 201, 202)	PVC2LXT-LD1	Tuning Capacitor with Tremmer	1
VARIABLE RESISTORS			
VR301	EVTS3MA00B14	Free Run, 10k Ω B	1
VR501, 502	EWCSMAF20A54	Tone, 50k Ω A	1
VR503	EWHGFAF20G15	Balance, 100k Ω G	1
VR504, 505	EWJEVA502B54	Volume, 50k Ω B	1
VR801	EVTS3MA00B25	Bias, 200k Ω B	1
SWITCHES			
SF1~6	ESRM165F15A	Function	1
ST1~4	SSS116	Rec/Play	1
S901 Δ	ESB822S	Power	1
PACKING			
PA1	SPN4766-1	Pad, Left	1
PA2	SPN4768-1	Pad, Right	1
PA3	XZB75X67C05	Set Cover	1
PA4	SQX50480	Instruction Book	1
PA5	SPN4830	Pab, A	1
PA6	SPN4856	Pab, B	1
PA7	SPN5006	Carton Box	1

REPLACEMENT PARTS LIST

Numbering System of Resistor



Ref. No.	Part No.	Description (Unit: Ω)	Per Set (pcs.)
RESISTORS			
R101	ERD25FJ331	330 1/4W	1
R102	ERD25FJ221	220 1/4W	1
R103	ERD25FJ560	56 1/4W	1
R104	ERD25TJ224	220k 1/4W	1
R105	ERD25TJ563	56k 1/4W	1
R106	ERD25TJ104	100k 1/4W	1
R107	ERD25FJ122	1.2k 1/4W	1
R108	ERD25TJ224	220k 1/4W	1
R109	ERD25FJ331	330 1/4W	1
R110	ERD25FJ102	1k 1/4W	1
R112	ERD25FJ222	2.2k 1/4W	1
R113	ERD25TJ393	39k 1/4W	1
R130	ERD25FJ471	470 1/4W	1
R201	ERD25FJ470	47 1/4W	1
R203	ERD25TJ474	470k 1/4W	1
R204	ERD25FJ822	8.2k 1/4W	1
R205	ERD25FJ681	680 1/4W	1
R206 Δ	ERD25FJ181	180 1/4W	1
R207	ERD25FJ332	3.3k 1/4W	1
R208	ERD25FJ682	6.8k 1/4W	1
R209	ERD25FJ331	330 1/4W	1
R210	ERD25FJ272	2.7k 1/4W	1
R301	ERD25TJ183	18k 1/4W	1
R302	ERD25FJ102	1k 1/4W	1
R303, 304	ERD25TJ473	47k 1/4W	2
R305, 306	ERD25TJ153	15k 1/4W	2
R307, 308	ERD25FJ103	10k 1/4W	2
R309	ERD25FJ682	6.8k 1/4W	1
R310	ERD25FJ102	1k 1/4W	1
R311, 312	ERD25TJ683	68k 1/4W	2
R313, 314	ERD25TJ104	100k 1/4W	2

Ref. No.	Part No.	Description (Unit: Ω)	Per Set (pcs.)
R315, 316	ERD25TJ333	33k 1/4W	2
R401, 402	ERD25TJ104	100k 1/4W	2
R403, 404	ERD25FJ102	1k 1/4W	2
R405, 406	ERD25TJ154	150k 1/4W	2
R407, 408	ERD25FJ680	68 1/4W	2
R409, 410	ERD25FJ182	1.8k 1/4W	2
R411, 412	ERD25TJ183	18k 1/4W	2
R413, 414	ERD25FJ822	8.2k 1/4W	2
R415, 416	ERD25FJ682	6.8k 1/4W	2
R417, 418	ERD25FJ682	6.8k 1/4W	2
R419, 420	ERD25FJ472	4.7k 1/4W	2
R421, 422	ERD25TJ105	1M 1/4W	2
R423, 424	ERD25FJ220	22 1/4W	2
R425, 426	ERD25TJ683	68k 1/4W	2
R427, 428	ERD25TJ683	68k 1/4W	2
R429	ERD25FJ221	220 1/4W	1
R501, 502	ERD25FJ472	4.7k 1/4W	2
R503, 504	ERD25FJ103	10k 1/4W	2
R601, 602	ERD25TJ225	2.2M 1/4W	2
R603, 604	ERD25TJ333	33k 1/4W	2
R701, 702	ERD25FJ102	1k 1/4W	2
R703, 704	ERD25TJ104	100k 1/4W	2
R705, 706 Δ	ERD2FCJ4R7P	4.7 1/4W	2
R707, 708	ERD25FJ331	330 1/4W	2
R801 Δ	ERD50FJ820	82 1/2W	1
R802	ERD25FJ152	1.5k 1/4W	1
R803	ERD25FJ220	22 1/4W	1
R804	ERD25FJ102	1k 1/4W	1
R805	ERD25FJ332	3.3k 1/4W	1
R806	ERD25TJ154	150k 1/4W	1
R807	ERD25FJ103	10k 1/4W	1
R808	ERD25FJ682	6.8k 1/4W	1
R809	ERD25FJ102	1k 1/4W	1
R810	ERD25TJ474	470k 1/4W	1
R811 Δ	ERD2FCG101P	100 1/4W	1
R812, 813	ERD25FJ103	10k 1/4W	1
R814	ERD25FJ103	10K 1/4W	1
R815	ERD25FJ222	2.2K 1/4W	1
R816	ERD25TJ473	47k 1/4W	1
R817	ERD25FJ4R7	4.7 1/4W	1
R818, 819	ERD25FJ102	1k 1/4W	2
R820	ERD25TJ104	100k 1/4W	1
R823	ERD25FJ220	22 1/4W	1
R831	ERD25TJ683	68k 1/4W	1
R832	ERD25TJ153	15k 1/4W	1
R833	ERD25TJ223	22k 1/4W	1
R834	ERD25TJ153	15k 1/4W	1
R901 Δ	ERQ12HJ8R2	8.2 1/2W	1
R902 Δ	ERD2FCG331P	330 1/4W	1
R903	ERD25FJ221	220 1/4W	1
R904	ERD25FJ102	1k 1/4W	1

REPLACEMENT PARTS LIST

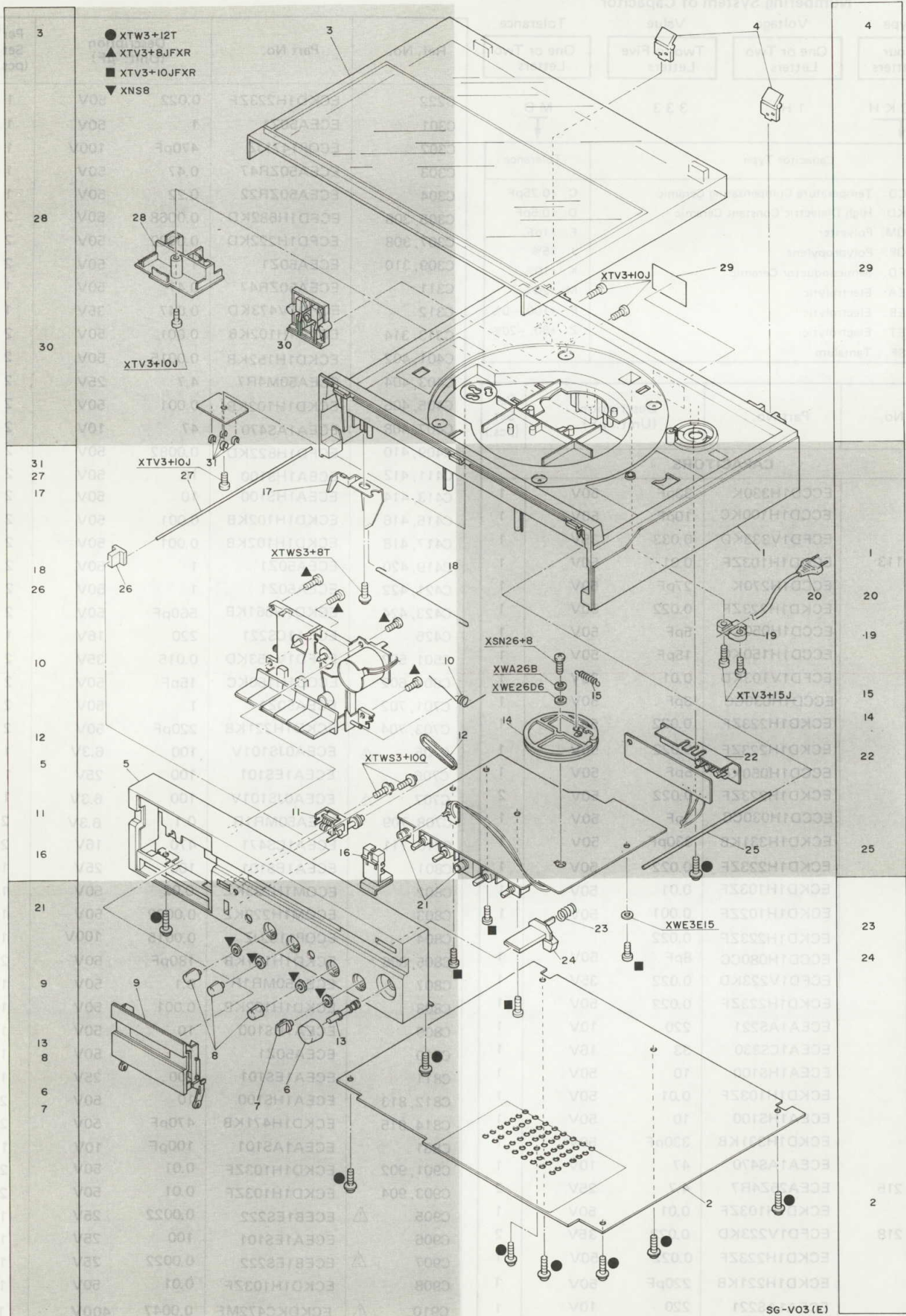
Numbering System of Capacitor

Type	Voltage	Value	Tolerance
Four Letters	One or Two Letters	Two to Five Letters	One or Two Letters
Example: ECKH	1 H	3 3 3	M D
Capacitor Type			Tolerance
ECCD: Temperature Compensating Ceramic			C: $\pm 0.25\mu\text{F}$
ECKD: High Dielectric Constant Ceramic			D: $\pm 0.5\mu\text{F}$
ECQM: Polyester			F: $\pm 1\mu\text{F}$
ECQP: Polypropylene			J: $\pm 5\%$
ECFD: Semiconductor Ceramic			K: $\pm 10\%$
ECEA: Electrolytic			M: $\pm 20\%$
ECEB: Electrolytic			P: $+100, -0\%$
ECET: Electrolytic			Z: $+80, -20\%$
ECSF: Tantalum			

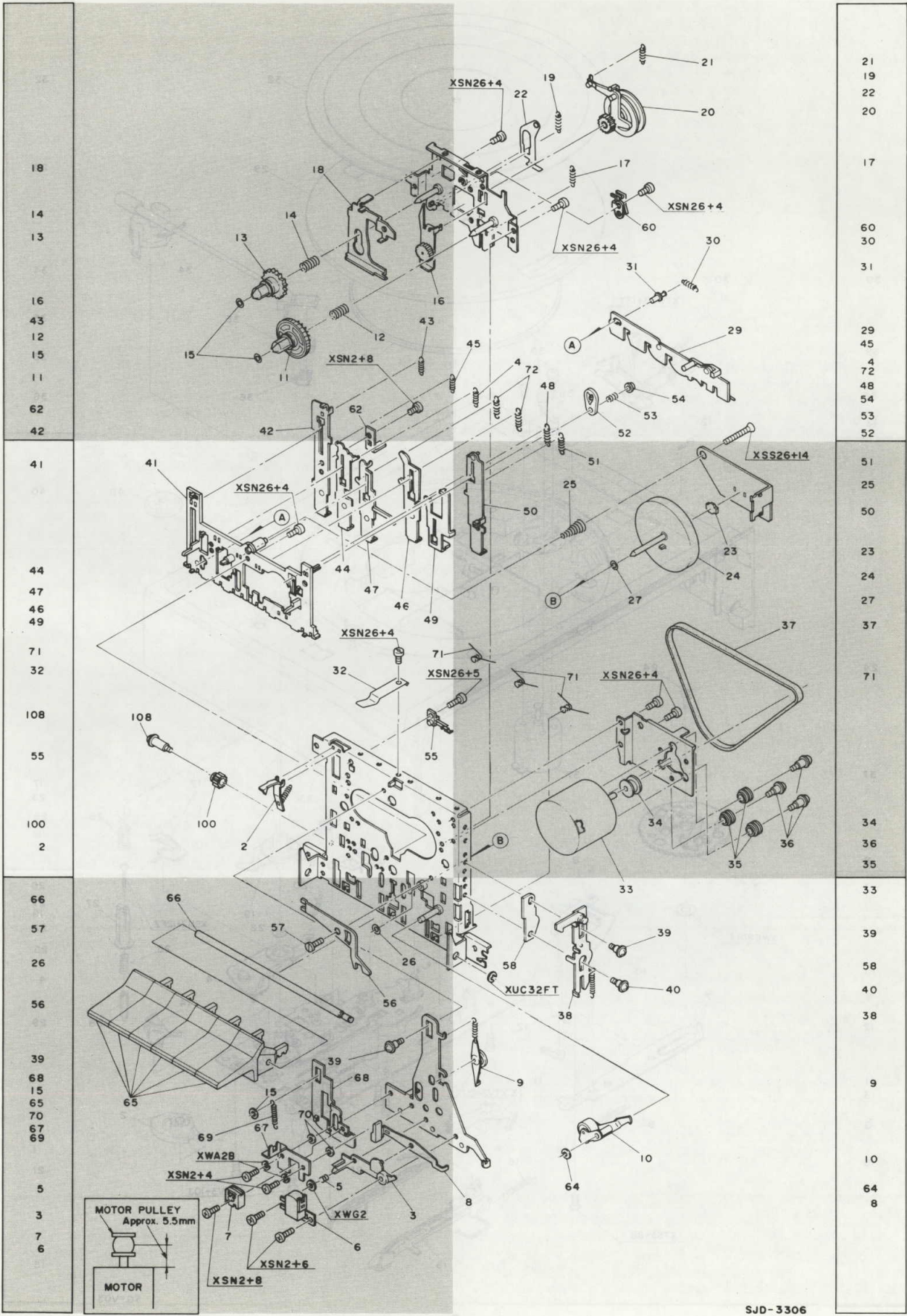
Ref. No.	Part No.	Description (Unit: μF)	Per Set (pcs.)
CAPACITORS			
C101	ECCD1H330K	33pF 50V	1
C102	ECCD1H100KC	10pF 50V	1
C103	ECFD1V333KD	0.033 35V	1
C104, 113	ECKD1H103ZF	0.01 50V	1
C105	ECCD1H270K	27pF 50V	1
C106	ECKD1H223ZF	0.022 50V	1
C107	ECCD1H050KC	5pF 50V	1
C108	ECCD1H150KC	15pF 50V	1
C109	ECFD1V103KD	0.01 35V	1
C110	ECCD1H030CC	3pF 50V	1
C112	ECKD1H223ZF	0.022 50V	1
C114	ECKD1H223ZF	0.022 50V	1
C115	ECCD1H050KC	5pF 50V	1
C116	ECKD1H223ZF	0.022 50V	2
C118	ECCD1H030CC	3pF 50V	1
C119	ECKD1H331KB	330pF 50V	1
C120	ECKD1H223ZF	0.022 50V	1
C121	ECKD1H103ZF	0.01 50V	1
C122	ECKD1H102ZF	0.001 50V	1
C130	ECKD1H223ZF	0.022 50V	1
C204	ECCD1H080CC	8pF 50V	1
C205	ECFD1V223KD	0.022 35V	1
C206	ECKD1H223ZF	0.022 50V	1
C207	ECEA1AS221	220 10V	1
C208	ECEA1CS330	33 16V	1
C209	ECEA1HS100	10 50V	1
C210	ECKD1H103ZF	0.01 50V	1
C211	ECEA1HS100	10 50V	1
C212	ECKD1H331KB	330pF 50V	1
C213	ECEA1AS470	47 10V	1
C214, 215	ECEA25Z4R7	4.7 25V	2
C216	ECKD1H103ZF	0.01 50V	1
C217, 218	ECFD1V223KD	0.022 35V	2
C219	ECKD1H223ZF	0.022 50V	1
C220	ECKD1H221KB	220pF 50V	1
C221	ECEA1AS221	220 10V	1

Ref. No.	Part No.	Description (Unit: μF)	Per Set (pcs.)
C222	ECKD1H223ZF	0.022 50V	1
C301	ECEA50Z1	1 50V	1
C302	ECQP1471JZ	470pF 100V	1
C303	ECEA50ZR47	0.47 50V	1
C304	ECEA50ZR22	0.22 50V	1
C305, 306	ECFD1H682KD	0.0068 50V	2
C307, 308	ECFD1H222KD	0.0022 50V	2
C309, 310	ECEA50Z1	1 50V	2
C311	ECEA50ZR47	0.47 50V	1
C312	ECFD1V473KD	0.047 35V	1
C313, 314	ECKD1H102KB	0.001 50V	2
C401, 402	ECKD1H152KB	0.0015 50V	2
C403, 404	ECEA50M4R7	4.7 25V	2
C405, 406	ECKD1H102KB	0.001 50V	2
C407, 408	ECEA1AS470	47 10V	2
C409, 410	ECFD1H822KD	0.0082 50V	2
C411, 412	ECEA1HS100	10 50V	2
C413, 414	ECEA1HS100	10 50V	2
C415, 416	ECKD1H102KB	0.001 50V	2
C417, 418	ECKD1H102KB	0.001 50V	2
C419, 420	ECEA50Z1	1 50V	2
C421, 422	ECEA50Z1	1 50V	2
C423, 424	ECKD1H561KB	560pF 50V	2
C425	ECEA1CS221	220 16V	1
C501, 502	ECFD1V153KD	0.015 35V	2
C601, 602	ECCD1H150KC	15pF 50V	2
C701, 702	ECEA50Z1	1 50V	2
C703, 704	ECKD1H221KB	220pF 50V	2
C705	ECEA0JS101V	100 6.3V	1
C706	ECEA1ES101	100 25V	1
C707	ECEA0JS101V	100 6.3V	1
C708, 709	ECEA50MR1R	0.1 6.3V	2
C710, 711	ECEA1CS471	470 16V	2
C801	ECEA1ES101	100 25V	1
C802	ECQM1H223KZ	0.02 50V	1
C803	ECQM1H222KZ	0.0022 50V	1
C804	ECQP1152JZ	0.0015 100V	1
C805, 806	ECKD1H181KB	180pF 50V	2
C807	ECEA50MR1R	0.1 50V	1
C808	ECKD1H102KB	0.001 50V	1
C809	ECEA1HS100	10 50V	1
C810	ECEA50Z1	1 50V	1
C811	ECEA1ES101	100 25V	1
C812, 813	ECEA1HS100	10 50V	2
C814, 815	ECKD1H471KB	470pF 50V	2
C831	ECEA1AS101	100pF 10V	1
C901, 902	ECKD1H103ZF	0.01 50V	2
C903, 904	ECKD1H103ZF	0.01 50V	2
C905	ECEB1ES222	0.0022 25V	1
C906	ECEA1ES101	100 25V	1
C907	ECEB1ES222	0.0022 25V	1
C908	ECKD1H103ZF	0.01 50V	1
C910	ECKDKC472MF	0.0047 400V	1

PARTS LOCATION OF CABINET AND CHASSIS



EXPLODED VIEW OF
CASSETTE TAPE DECK (SJD3306)



SJD-3306

REPLACEMENT PARTS LIST OF
CASSETTE TAPE DECK (SJD3306)

Ref. No.	Part No.	Description	Per Set (pcs.)	Ref. No.	Part No.	Description	Per Set (pcs.)
2	SMQ4298	REC Safety Lever w/Spring	1	56	SMQ3982	Arm Lever	1
3	SMQ4300	R/P Head Base	1	57	SMQ3984	Spacer Screw	1
4	SMQ3896	Spring, RC	1	58	SMQ3986	Bracket, Eject	1
5	SMQ3898	Spring, Head	1	60	SMQ4330	Guide Bracket, Main Belt	1
6	SJH80	R/P Head	1	62	SMQ4332	Spring Plate, REC	1
7	SJH82	Erase Head	1	64	SMQ4260	Poly Washer	1
8	SMQ4302	Lever Ass'y, Auto Stop	1	65	SBC488	Button, Cassette	6
9	SMQ4304	Take Up Roller Ass'y w/Spring	1	66	SMQ4334	Shaft, Cassette Button	1
10	SMQ3904	Pinch Roller Ass'y	1	67	SMQ4336	Guide Tape	1
11	SMQ3906	Reel Ass'y, Take Up	1	68	SMQ4338	Erase Head Base	1
12	SMQ3908	Spring, Take Up Reel	1	69	SMQ4340	Spring, Erase Head Base	1
13	SMQ3910	Reel Ass'y, Supply	1	70	SMQ4342	Collar, Tape Guide	2
14	SMQ4306	Spring, Supply Reel	1	71	SMQ4344	Spring, Cassette Button	3
15	SMQ3914	Poly Washer	3	72	SMQ4346	Spring, FR Slide Lever	2
16	SMQ4308	FF Idler Arm Ass'y	1	100	SMQ4096	Gear, Cassette Holder	1
17	SMQ3918	Spring, FF Idler Arm	1	108	SNE270	Spacer Screw	1
18	SMQ4264	Main Plate Ass'y	1				
19	SMQ3922	Spring, Main Plate	1				
20	SMQ4310	RF Clutch Ass'y	1				
21	SMQ4312	Spring, RF Clutch	1				
22	SMQ4270	Spring Plate, RWD	1				
23	SMQ2538	Pad, Flywheel	1				
24	SMQ3930	Flywheel	1				
25	SMQ3932	Spring, Thrust	1				
26	SMQ1402	Nylon Washer	1				
27	SMQ3934	Nylon Washer	1				
29	SMQ4314	Lock Arm Ass'y	1				
30	SMQ3940	Spring, Lock Arm	1				
31	SMQ4276	Shaft	1				
32	SMQ4278	Spring Plate, Cassette Hold	1				
33	MM16A2RK-1	Motor	1				
34	SMQ1802-1	Pulley, Motor	1				
35	SMQ1834	Rubber Cushion, Motor	3				
36	SMQ1908	Spacer Screw	3				
37	SMQ2556	Main Belt	1				
38	SMQ4316	Eject Slide Lever Ass'y w/Spring	1				
39	SMQ3950	Spacer Screw	2				
40	SMQ3952	Spacer Screw	1				
41	SMQ3954	Base, Push Button	1				
42	SMQ4318	Slide Lever Ass'y, REC	1				
43	SMQ3958	Spring, REC Slide Lever	1				
44	SMQ4320	Slide Lever Ass'y, Play	1				
45	SMQ3962	Spring, Play Slide Lever	1				
46	SMQ4322	Slide Lever Ass'y, FF	1				
47	SMQ4324	Slide Lever Ass'y, RWD	1				
48	SMQ3968	Spring, Stop Slide Lever	1				
49	SMQ4326	Slide Lever, Stop	1				
50	SMQ4328	Slide Lever Ass'y, Pause	1				
51	SMQ3974	Spring, Pause Slide Lever	1				
52	SMQ2444	Click Lever, Pause	1				
53	SMQ3976	Spring, Pause Click Lever	1				
54	SMQ3978	Stopper, Pause Click Lever	1				
55	SMQ3980	Leaf Switch	1				

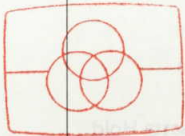
REPLACEMENT PARTS LIST OF
CABINET AND CHASSIS

SG-V03

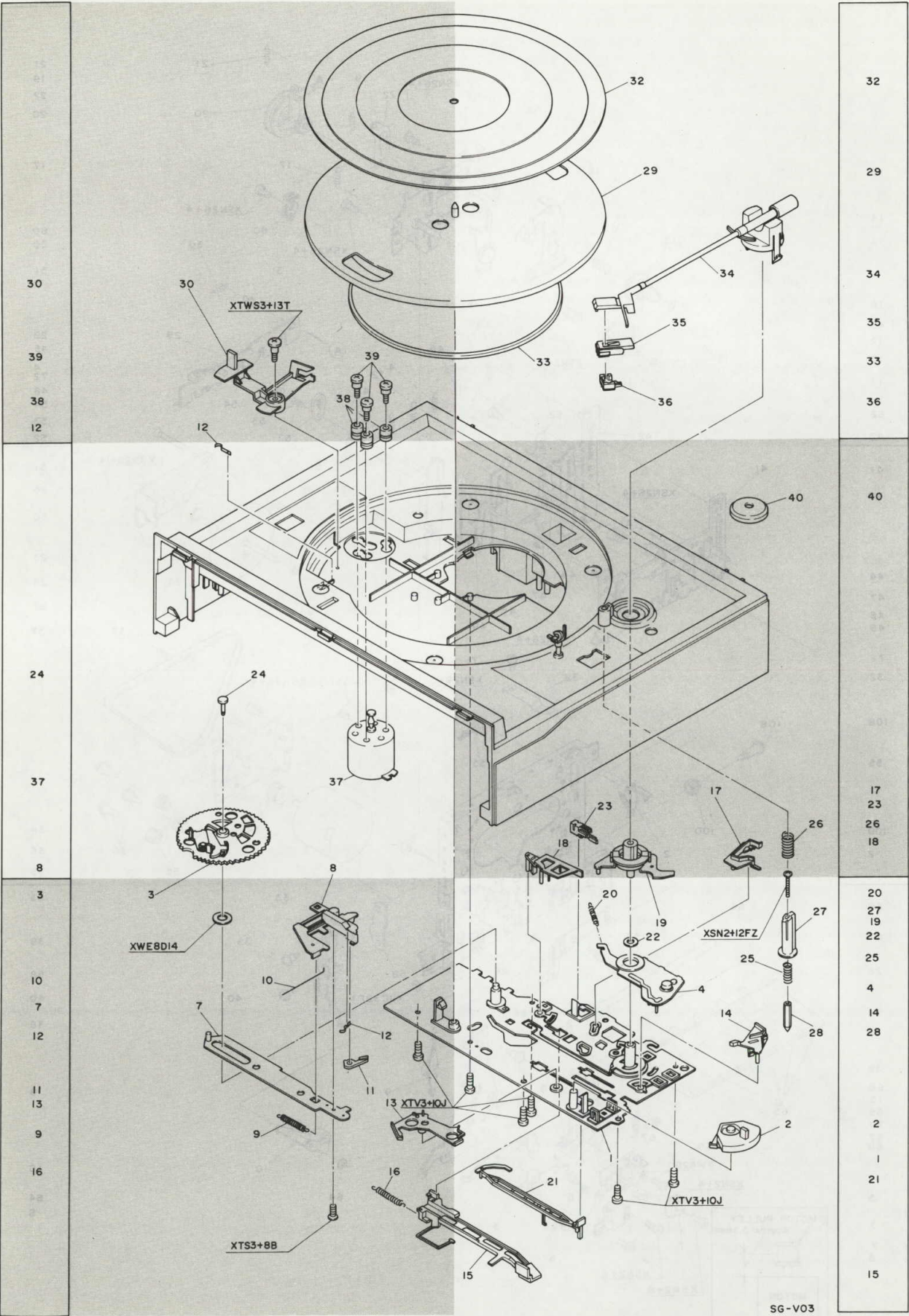
SG-V03

Ref. No.	Part No.	Description	Per Set (pcs.)
1	SYK1998	Cabinet Ass'y	1
2	SYU462	Bottom Bord Ass'y	1
3	SYE920	Dust Cover Ass'y	1
4	SBH9112-7	Hinge	2
5	SYP666	Escutcheon Ass'y	1
6	SBN1002-2	Knob, Tuning	1
7	SBN1068	Knob, Selector	1
8	SBN1070	Knob, Volume	3
9	SYE958	Cassette Lid Ass'y	1
10	SMQ4094	Spring, Cassette Lid	1
11	SMQ3768	Counter	1
12	SMQ4066	Belt, Counter	1
13	SDT91302	Shaft, Tuning	1
14	SDD80-6	Dial Drum	1
15	RDS4170A	Spring, Dial Drum	1
16	SDA94	Holder, Dial Pointer	1
17	SMQ4098	Rec Operating Plate	1
18	SMQ4100	Rec Spoke	1
19	SHR134	Power Cord Clamp	1
20	⚠ SJA138	AC Power Cord	1
21	XCJ6P21E-1	Jack, H.P., Mic.	2
22	SJF4218	Terminal	1
23	SUS428	Spring, Lift B	1
24	SJY5198-1	Button, Start	1
25	SJY90078	Start Rod, Player	1
26	SBC492	Button, Power	1
27	SUH116	Remote Rod,Power	1
28	⚠ SUV254	Cover, Power	1
29	SGN6881	Name Plate Except DEMKO	1
	SGN6882	Name Plate Only DEMKO	1
30	SJF9424	Speaker Terminal	1
31	⚠ SJF110	Fuse Holder	1
—	SHR9182	Latch, (4.8X22mm)	2

■ Items of Assembly Parts			
Ref. No.	Part No.	Description	Per Set (pcs.)
1	SYK1998	Cabinet Ass'y	1
		Cabinet	(1)
		Felt, Foot	(2)
		Label, Stylus	(1)
		Arm rest Ass'y	(1)
2	SYU462	Bottom Board Ass'y	1
		Bottom Board	(1)
		Shilde Paper	(1)
3	SYE920	Dust Cover Ass'y	1
		Dust Cover	(1)
		Badge	(1)
		Felt	(3)
5	SYP666	Front Panel Ass'y	1
		Front Panel	(1)
		Tinted Glass A	(1)
		Tinted Glass B	(1)
		Felt, Foot	(2)
9	SYE958	Cassette Lid Ass'y	1
		Cassette Lid	(1)
		Tinted Glass	(1)
		Cushion	(2)
		Sheet, Guide	(1)



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REPLACEMENT PARTS LIST OF RECORD PLAYER

■ Items of Assembly Parts

Ref. No.	Part No.	Description	Per Set (pcs.)
1	SJY402	Base Plate Assembly	1
2	SJY90074	Lever, Record Size	1
3	SJY416	Main Gear Ass'y	1
4	SJY406	PU Moving Plate	1
7	SJY398	Operating Plate Ass'y	1
8	SJY90014-1	Bracket, Operating Plate	1
9	SJY90066-1	Spring A, Operating Plate	1
10	SJY90068-1	Spring B, Operating Plate	1
11	SJY90016	Operating Plate, Tone Arm	1
12	SJY90018	Spring, Plate	2
13	SJY90020	Index Lever	1
14	SJY90022-1	Clamp Plate	1
15	SJY90024-3	Start Rod	1
16	SJY90070	Spring, Start Rod	1
17	SJY90026	Operating Plate A	1
18	SJY90028-4	Operating Plate B	1
19	SJY90030-1	Tone Arm Plate	1
20	SJY90072	Spring, Tone Arm Plate	1
21	SJY90032-1	Actuating Plate	1
22	SNW622-3	Washer	1
23	SSP66	Switch, Motor	1
24	SHR9174	Stopper Pin, Main Gear	1
25	SJY90160	Spring A, Lifter	1
26	SUS84-2	Spring B, Lifter	1
27	SJY5196-2	Lifter	1
28	SJY90034	Pin, Lifter	1
29	SJY400	Turntable Ass'y	1
30	SJY90076	Lever, Speed Select	1
32	SJY4054-1	Turntable Mat	1
33	SJY90080	Turntable Belt	1
34	EPA641STA	Tone Arm	1
35	EPC13STH	Cartridge with Stylus	1
36	EPS41ST	Stylus	1
37	MMIV03	Motor Ass'y	1
38	SHG9092	Rubber	3
39	SJY9168	Screw, Motor	3
40	SJY5018-1	EP Adapter	1

Ref. No.	Part No.	Description	Per Set (pcs.)
1	SJY402	Base Plate Assembly	1
		Base Plate	(1)
		Bracket, Turntable Shaft	(1)
7	SJY398	Operating Plate Ass'y	1
		Operating Plate	(1)
		Operating Pin	(1)
3	SJY434	Main Gear Ass'y	1
		Main Gear	(1)
		Actuating Link	(1)
		Friction Link	(1)
		Push Nut	(1)
29	SJY400	Turntable Ass'y	1
		Turntable	(1)
		Shaft, Turntable	(1)
		Gear	(1)
31	SJY342	Arm Rest Ass'y	1
		Arm Rest	(1)
		Clumper	(1)
37	MMIV03	Motor Ass'y	1
		Motor	(1)
		Motor Pulley	(1)