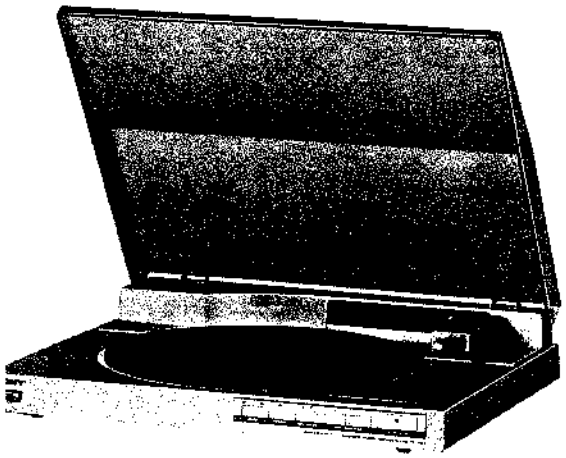
PS-LX500/500C

PS-LX500:
US Model
Canadian Model
AEP Model
UK Model
E Model

PS-LX500C:
US Model
Canadian Model



The PS-LX500 (AEP, UK, E Model) is supplied with a VX-250G cartridge, while the PS-LX500 (US, Canadian Model) is not supplied with a cartridge.
The PS-LX500C is supplied with a VL-45G cartridge.

STEREO TURNTABLE SYSTEM

SPECIFICATIONS

Turntable

Platter	30 cm (12 in.), aluminum-alloy diecast
Motor	Linear torque BSL (brushless and slotless) motor
Drive system	Direct drive
Control system	FG servo control system
Speed	33⅓ rpm, 45 rpm
Wow and flutter	0.03% (WRMS)*, 0.035% (WRMS)
Signal-to-noise ratio	75 dB (DIN-B)
Automatic system	Lead-in, return, reject, repeat, arm up/down, record size selection

Tonearm

Type	Linear tracking tonearm
Pivot-to-stylus length	75 mm (3 in.)
Tracking error	±0.1°
Tracking force adjustment range	±0.25 g
Usable cartridge	plug-in type, 6 g

Cartridge VL-45G (supplied only with the PS-LX500C)

Type	Moving magnet type
Frequency response	10 Hz to 20 kHz
Output voltage	3.5 mV at 1 kHz, 5 cm/sec., 45°
Load impedance	47—100 kilohms
Tracking force	1 to 1.5 g (1.25 g recommended)
Stylus	Sony ND-145G
Weight	6 g

Cartridge XL-250G (supplied only with AEP, UK, E Model)

Type	Moving magnet type
Frequency response	10 Hz to 20 kHz
Channel separation	23 dB at 1 kHz
Output voltage	5 mV at 1 kHz, 5 cm/sec., 45°
Load impedance	50 to 100 kilohms
Tracking force	1 to 1.5 g (1.25 g recommended)
Stylus	Sony ND-250G
Weight	6 g

— Continued on page 2 —

ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ!

LES COMPOSANTS IDENTIFIÉS PAR UNE TRAME ET UNE MARQUE ⚠ SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTS PUBLIÉS PAR SONY.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

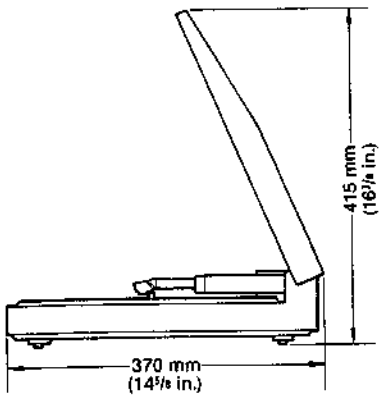
MICROFILM

SONY®
SERVICE MANUAL

General

Power requirements	120 V ac, 60 Hz
Power consumption	10 W
Dimensions	Approx. 430 × 89 × 364 mm (w/h/d) ($16^{7}/_{8} \times 3^{1}/_{2} \times 14^{3}/_{8}$ in.) including projecting parts and controls

With the dust cover opened



Weight	Approx. 5 kg (11 lbs), net Approx. 6.1 kg (13 lbs 7 oz), in shipping carton

* This new measuring method concerns only the turntable assembly, including the platter. It excludes wow and flutter caused by the tonearm, the cartridge, or the record. Measured by obtaining signal from magnetic pick-up head.

FEATURES

Linear tracking tonearm
A linear tracking tonearm is designed to duplicate the movement of the head which cuts the record master.
Compared with a pivoted tonearm, a linear tracking arm has a very small tracking error (which means greatly reduced harmonic distortion) and almost no pressure on the inside wall of the groove (which means improved tracking ability and channel separation).

Front panel operation with the dust cover closed
The ARM TRANSPORT buttons allow you to move the tonearm easily over the desired point of the record with the dust cover closed. Start/stop of the record play and tonearm up/down can also be controlled using the buttons on the front panel.

Fully automatic system
The movement of the turntable and the tonearm is controlled by a microcomputer and is activated by the "feather-touch" function buttons on the front panel.

Automatic record size selection
The record size is automatically set by a photo sensor system. If no record is on the turntable, the tonearm will not descend but will automatically return to the arm rest.

Muting system
A muting system activates when the tonearm is lifted and is deactivated after the tonearm lowers onto a record so there is no need to turn the amplifier volume down every time a stylus is placed on a record.

Linear torque BSL motor
Direct drive system with Sony's unique BSL (brushless and slotless) motor which has an extremely low noise level and whose smoothness virtually eliminates wow and flutter. Its high torque assures a quick start to 33⅓ rpm after only a half revolution.

Synchronized operation with the Sony cassette decks
When the tonearm lowers onto the lead-in groove of a record, the cassette deck standby mode is released and the record mode assumed. When play finishes, the cassette deck is automatically set first in the record muting mode, then in the pause mode. This synchronized operation is possible with Sony cassette decks equipped with a four-pin remote control jack which is connected with the Sony RM-65 synchro remote control unit.

Wireless remote control operation
Using the optional RM-44 system remote controller, start/stop play and tonearm up/down can be remotely controlled.

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SAFETY CHECK-OUT (US Model)

After correcting the original service problem, perform the following safety check before releasing the set to the customer:
Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampers). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

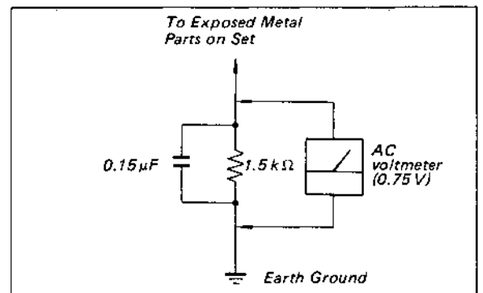
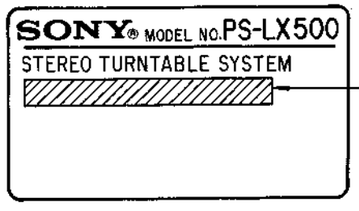


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION

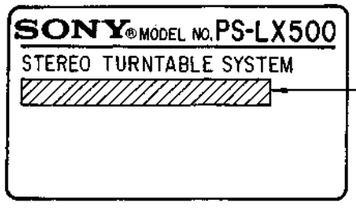
– Specification Label –

PS-LX500



US, Canadian: AC: 120 V 60 Hz 10 W
AEP : AC: 220 V ~ 50/60 Hz 10 W
UK : AC: 240 V ~ 50/60 Hz 10 W
E : AC: 110–220 V, 120–240 V ~ 50/60 Hz 10 W

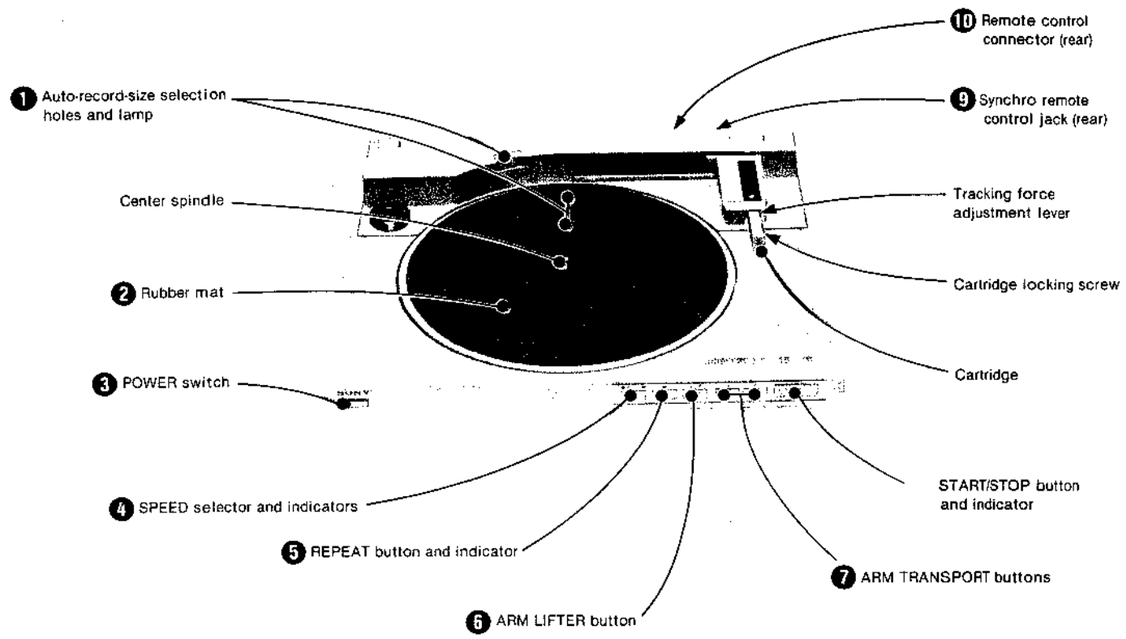
PS-LX500C



US, Canadian: AC: 120 V 60 Hz 10 W

LOCATION AND FUNCTION OF CONTROLS

The photo below shows the assembled PS-LX500C turntable.



❶ Auto-record-size selection holes and lamp
Record size is automatically selected by a beam transmitted from a lamp through the holes on the rubber mat and the platter to the photo detectors underneath the platter. When no record is on the platter, the tonearm will not lower onto the turntable.

❷ Rubber mat
Place the rubber mat so that the holes for auto-record-size selection on the rubber mat and on the platter are matched correctly.

❸ POWER switch
Press to turn on the turntable. To turn the turntable off, press it again.

❹ SPEED selector and indicators
Selects the record speed. When the POWER switch is turned on, the speed is always 33⅓ rpm and the indicator on the right illuminates. When the selector is pressed, 45 rpm is selected and the indicator on the left illuminates.

❺ REPEAT button and indicator
Press this button to repeat play. The indicator illuminates and repeat play continues until this button is pressed to stop it. If the START/STOP button is pressed during repeat play, the tonearm returns to the arm rest and the turntable stops rotating.

❻ ARM LIFTER button
This button lifts and lowers the tonearm.
When the tonearm is on the arm rest, it cannot be lifted up with this button.

❼ ARM TRANSPORT buttons
To move the tonearm inwards, press the ◀ button. To move it outwards, press the ▶ button. The tonearm is raised automatically and continues to move while the button is depressed. The tonearm will stop when the button is released. For fine adjustment of the tonearm drop-point over a record, press and immediately release the appropriate button. This button is useful for beginning a record partway through, or for skipping to another selection.

❽ START/STOP button and indicator
Press this button to start the record playing, and the indicator illuminates. To stop during play, press it again.

❾ Synchro remote control jack (rear)
Synchronized recording from disc to tape is possible on specified Sony cassette decks by using the optional RM-65 synchro remote control unit.

❿ Remote control conector (rear)
Connect the remote control cord supplied with the RM-44 system remote controller (optional) to this connector.

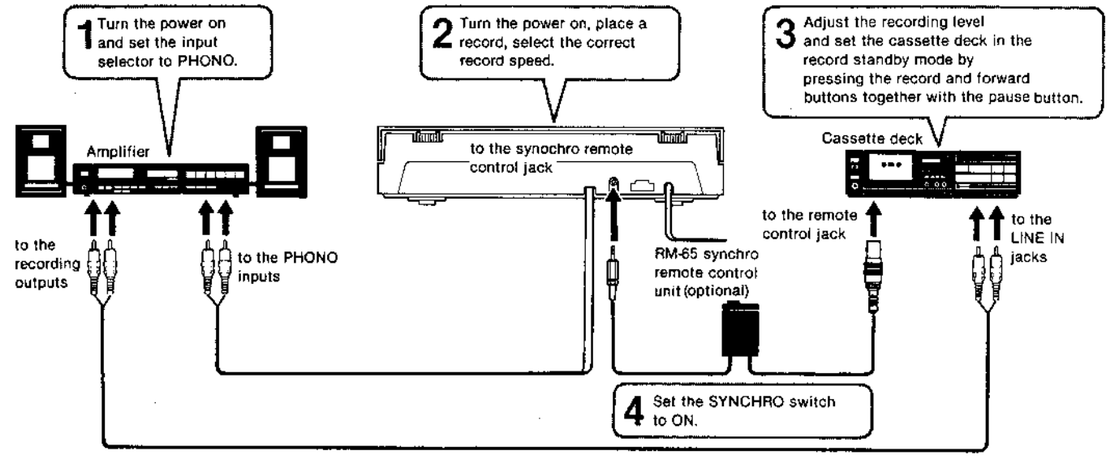
SYNCHRONIZED PLAY OF THE TURNTABLE AND A CASSETTE DECK

——with an RM-65 synchro remote control unit connected

Record recording starts only when the START/STOP button is pressed. When the tonearm lowers onto the record, the cassette deck goes into the record mode and when the tonearm is lifted up, the deck goes into the auto record muting mode for four seconds, then into the pause mode.

Cassette decks which can be used with your turntable for this special synchronized operation are those Sony models which are equipped with a 4-pin remote control jack.
An RM-65 synchro remote control unit (optional) is required to connect the turntable and the cassette deck.

CONNECTION AND PREPARATION



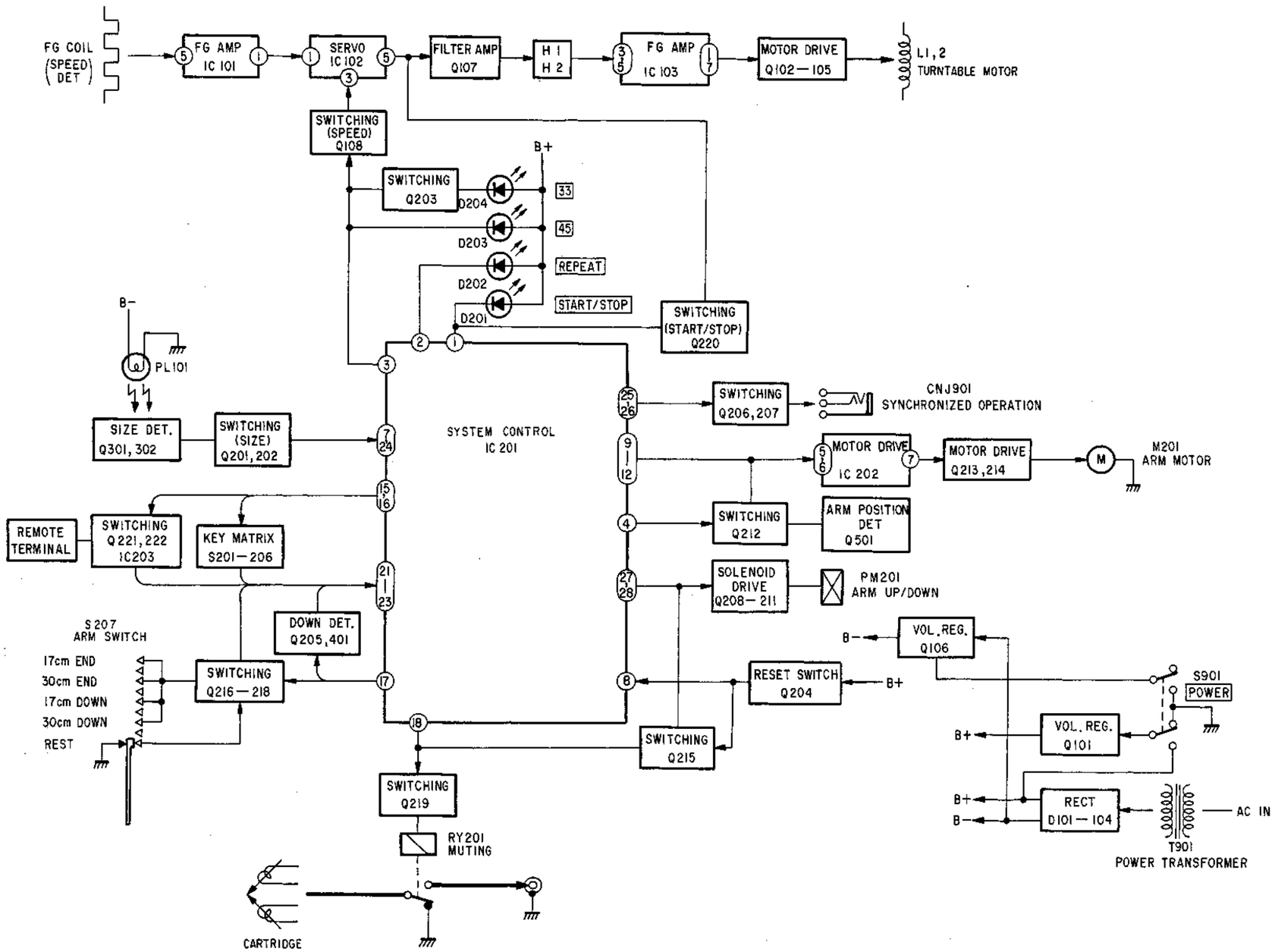
RECORDING

Desired action	Turntable operation	Synchronized operation of the cassette deck
To record from the beginning of a record...	Press the START/STOP button.	When the tonearm lowers onto the record, the pause mode is released and recording begins.
To lift up the tonearm to move to a different point on a record...	Press the ARM TRANSPORT buttons.	When the tonearm is lifted up , auto record muting activates for four seconds, then the pause mode is assumed.
To record from a point some way in the record...	Move the tonearm to the desired point and press the START/STOP button.	When the tonearm lowers onto the record, the pause mode is released and recording begins.
To stop recording during record play...	Press the START/STOP button.	When the tonearm is lifted up, auto record muting activates for four seconds, then the pause mode is assumed.
When record play ends...	The tonearm returns automatically to the arm rest.	When the tonearm is lifted up, auto record muting activates for four seconds, then the pause mode is assumed.

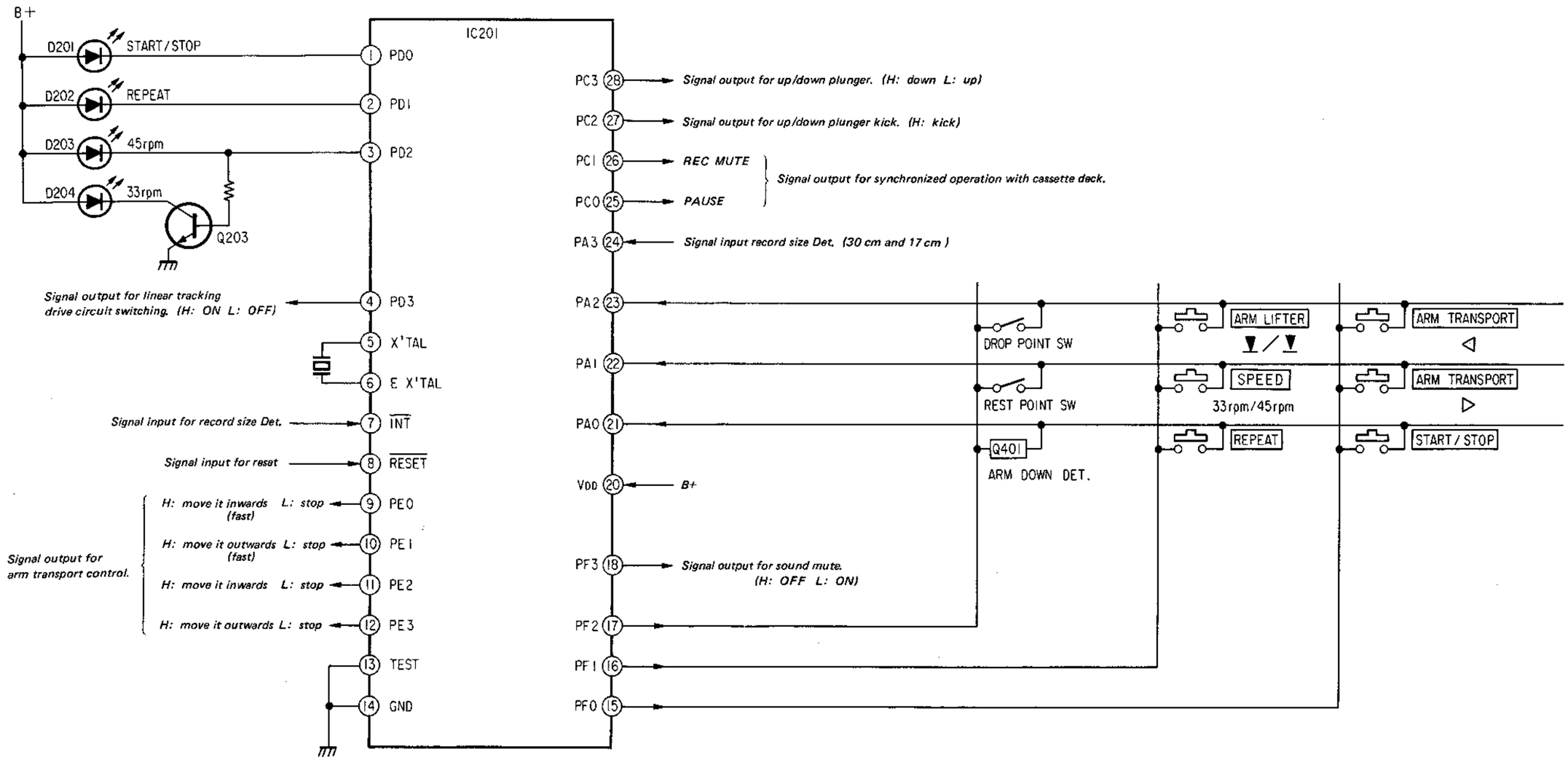
Note : Be sure to set the SYNCHRO switch of the RM-65 to OFF when you do not want to use the synchronized play function.

SECTION 1
OUTLINE

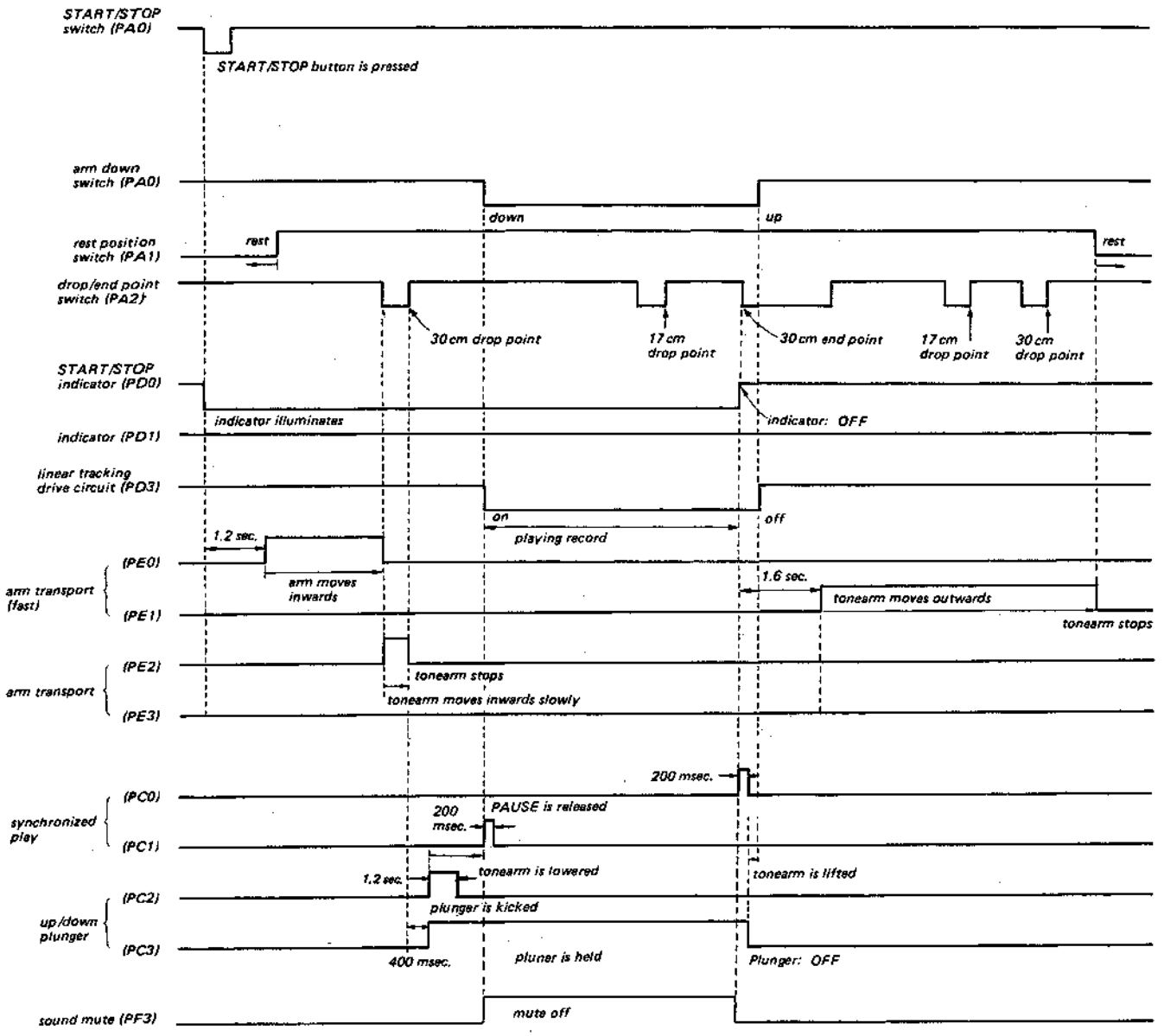
1-1. BLOCK DIAGRAM



1-2. IC201's (SYSTEM CONTROL IC LM6416E-179) TERMINAL FUNCTIONS



1-3. TIMING CHART (30 cm RECORD AUTO PLAY MODE)

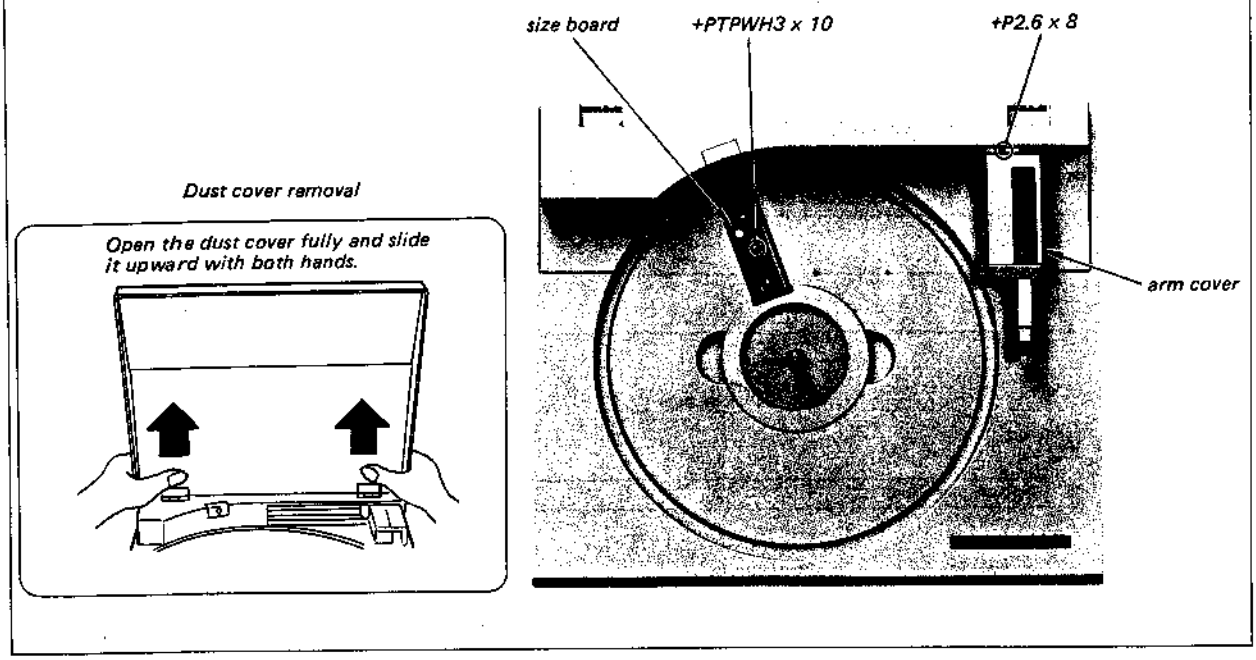


SECTION 2
DISASSEMBLY

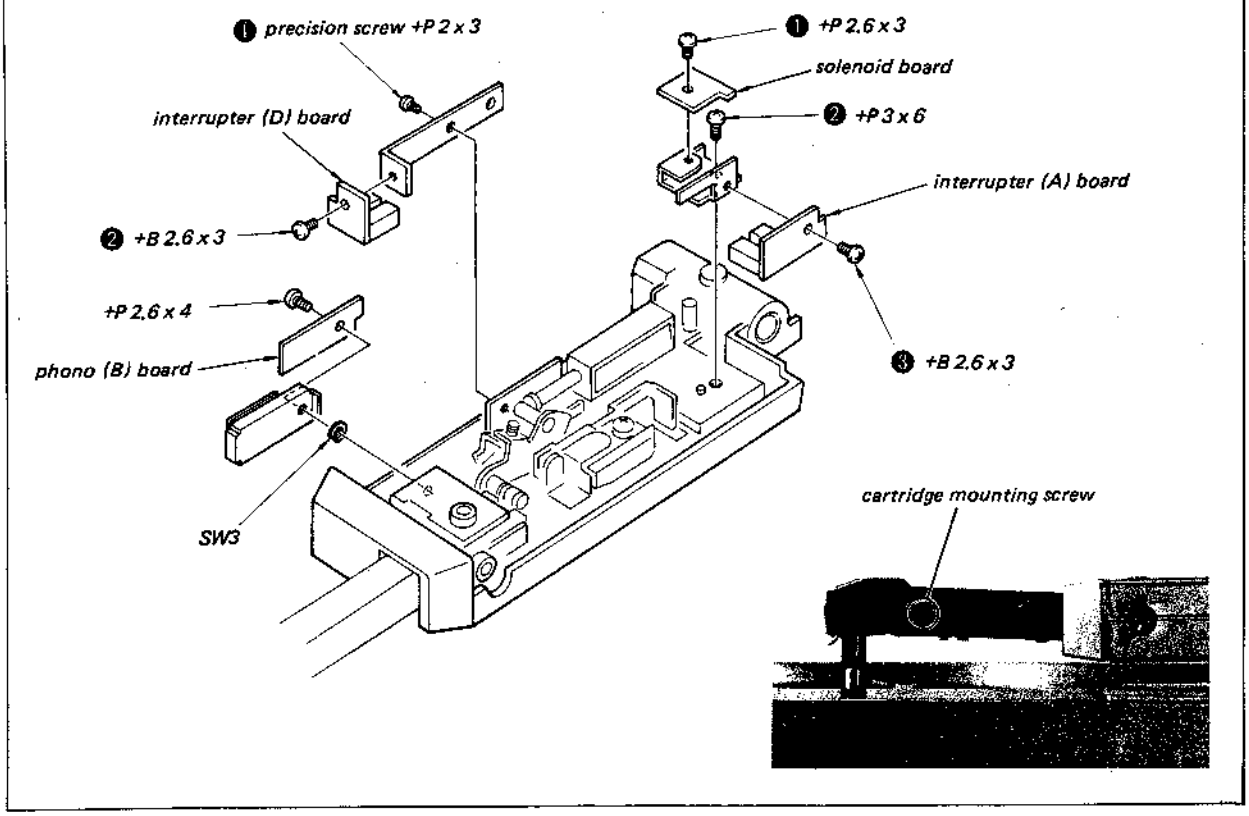
2-1. DISASSEMBLY

Note: Follow the disassembly procedure in the numerical order given.

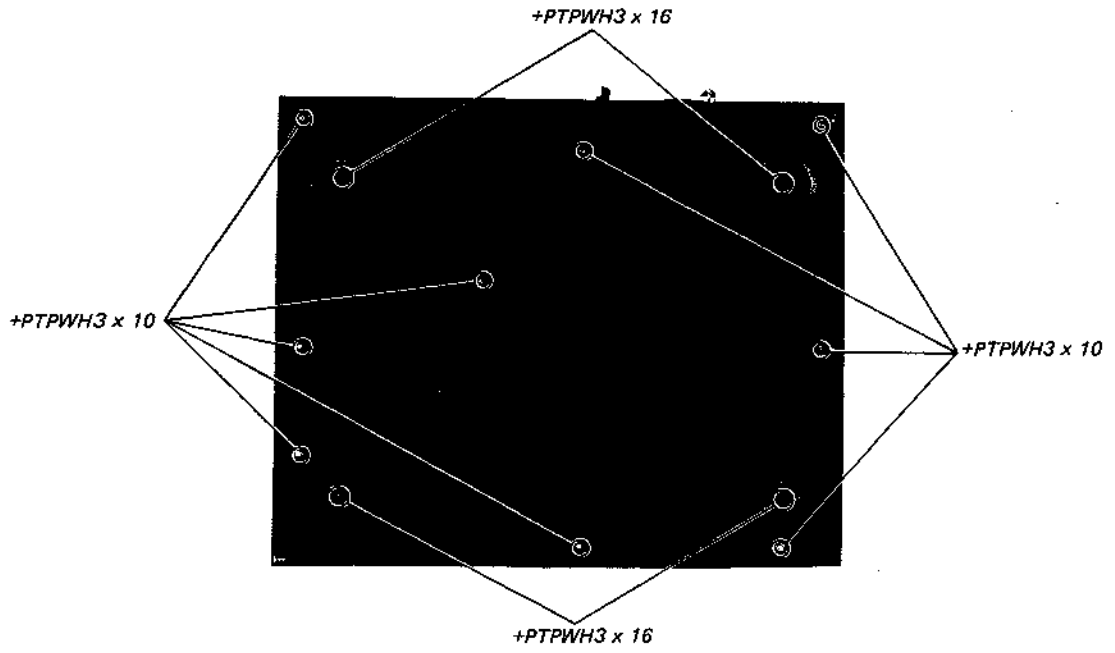
DUST COVER, SIZE BOARD, ARM COVER



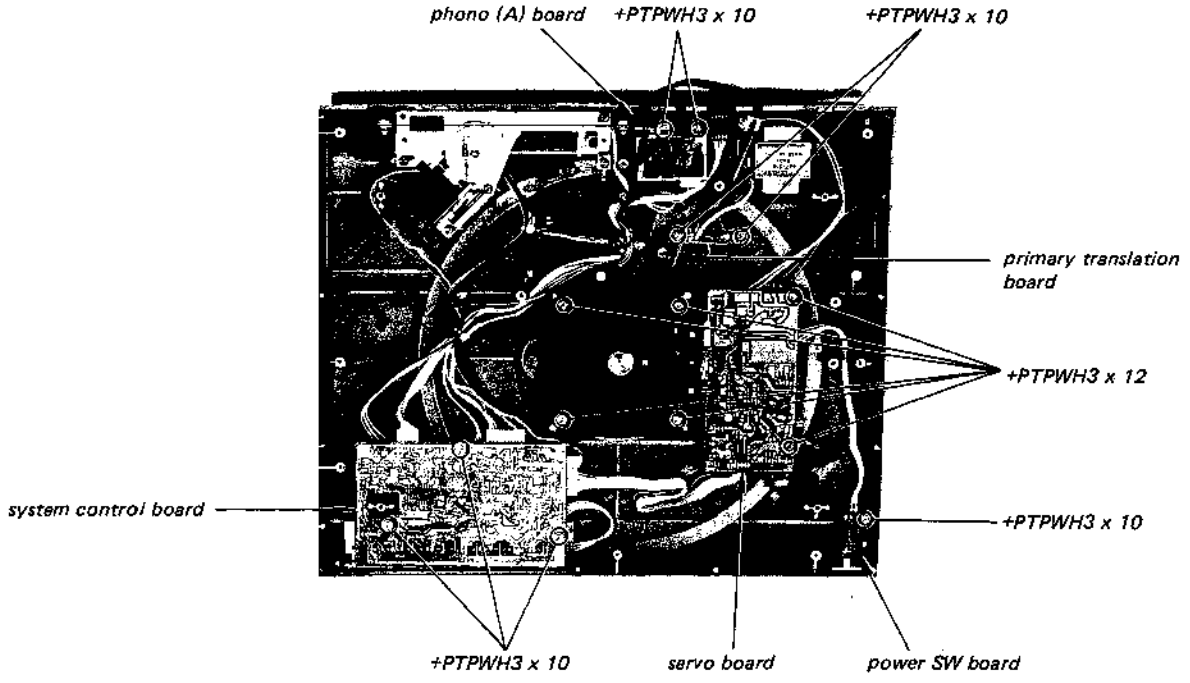
INTERRUPTER (A) · (D) BOARDS, SOLENOID BOARD, PHONO (B) BOARD, CARTRIDGE



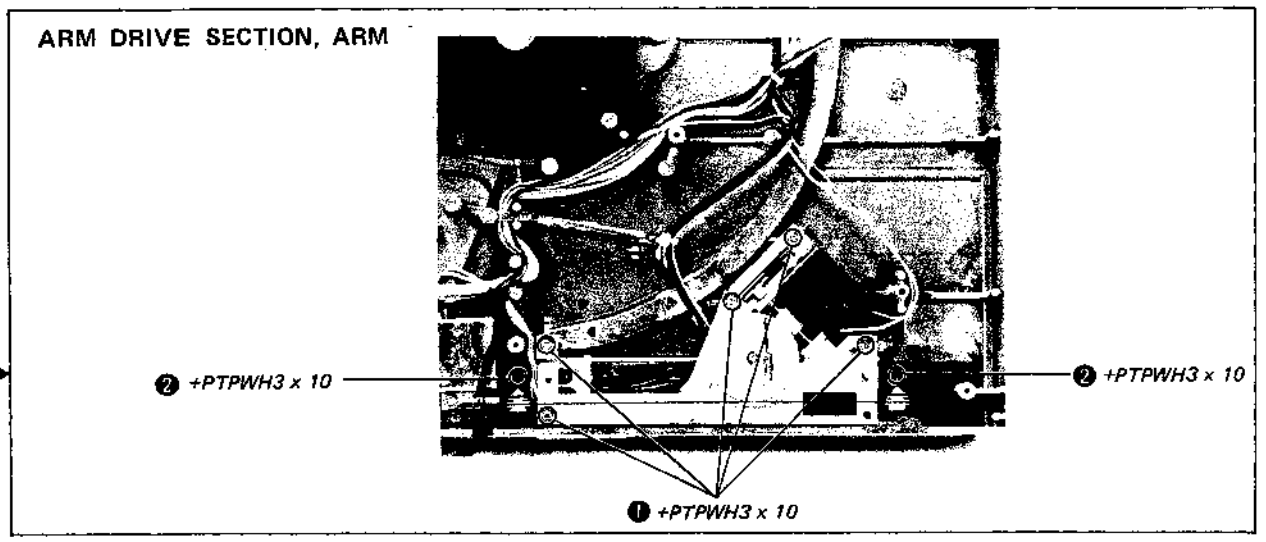
BOTTOM PLATE, INSULATOR



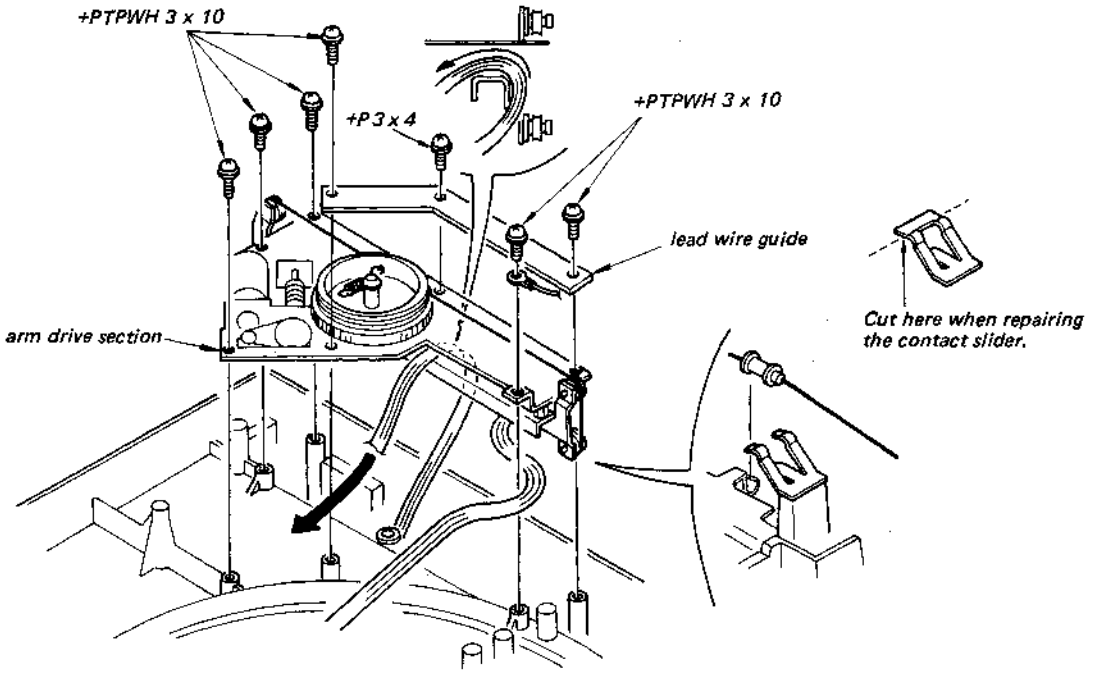
SYSTEM CONTROL BOARD, SERVO BOARD, PHONO (A) BOARD, POWER SW BOARD, PRIMARY TRANSLATION BOARD



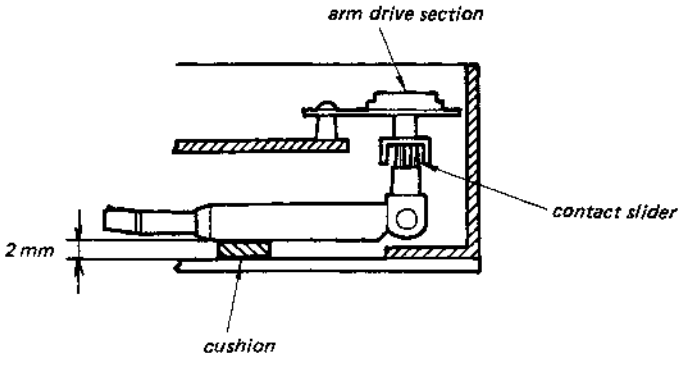
ARM DRIVE SECTION, ARM



- **MOUNTING**

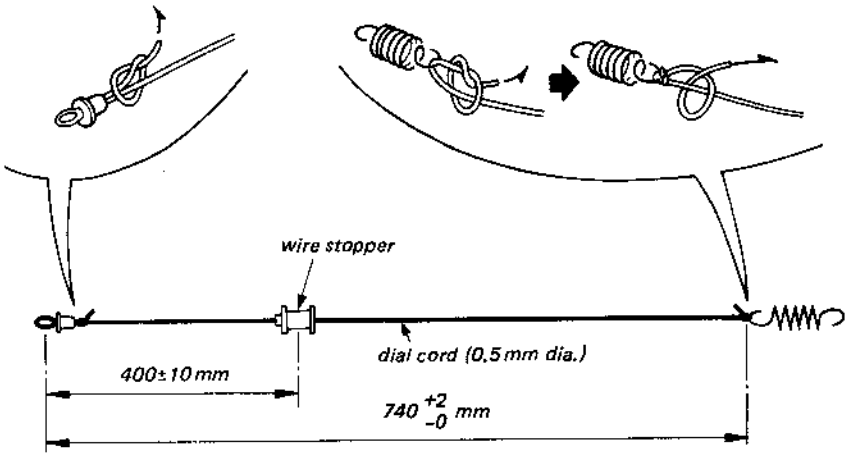


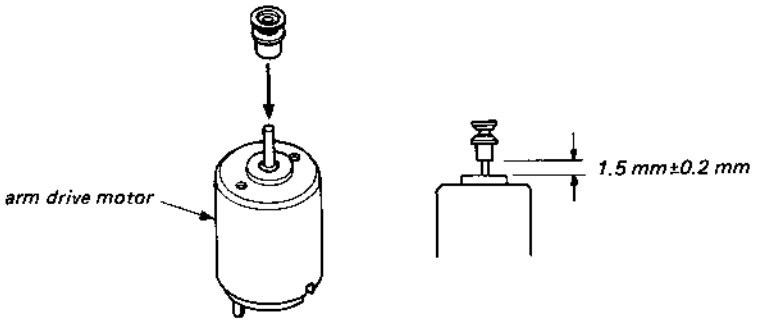
- *When removing and installing the arm drive section, be careful not to bend the contact slider of the arm by touching it.*



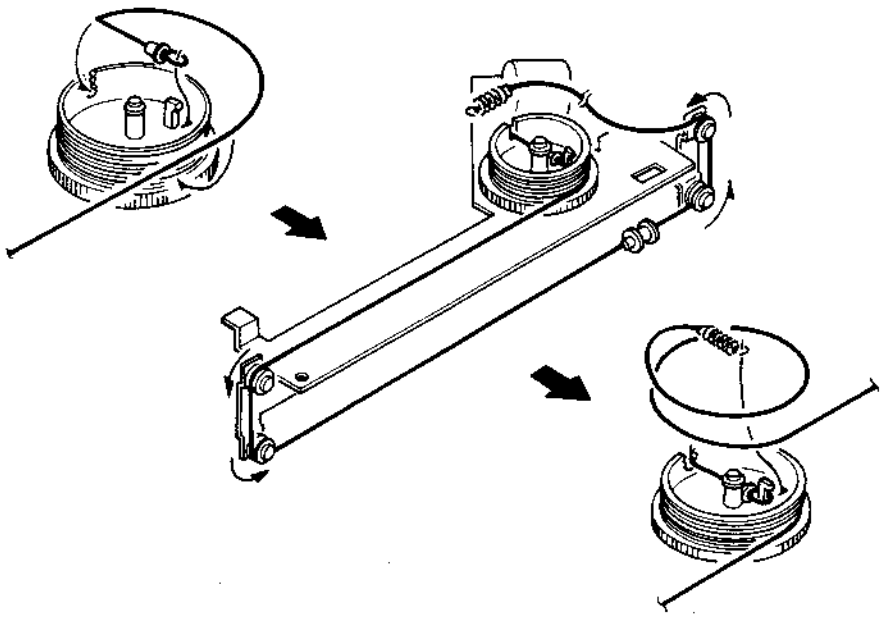
ARM DRIVE CORD STRINGING

Preparation





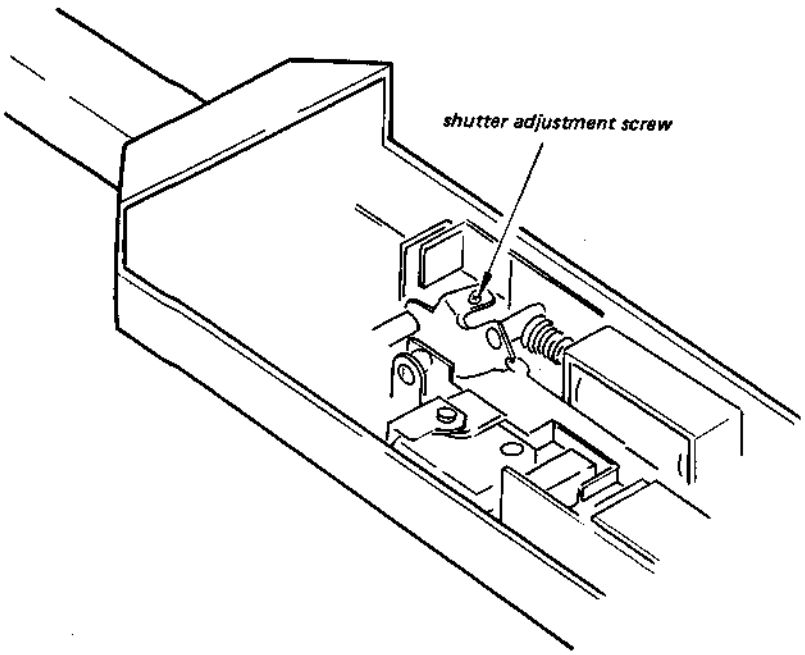
Stringing



SECTION 3
ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

Muting Position Adjustment

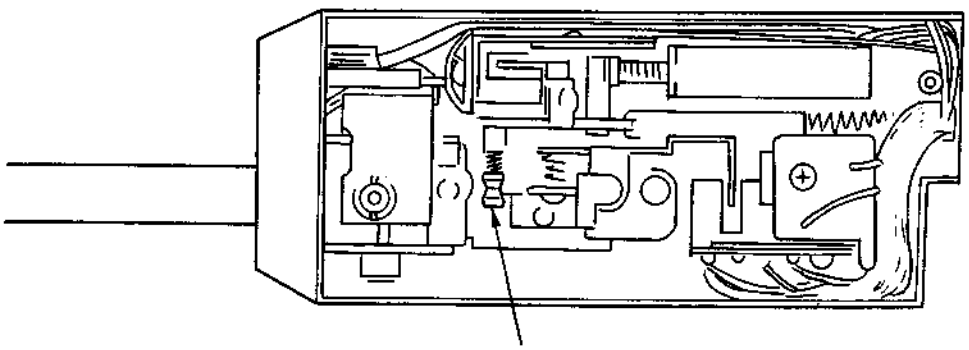


(1) Place the any one record on the turntable.
(2) Press the ARM TRANSPORT (◀) button and move the arm over the record.
(3) Press the START/STOP (■) button and drop the stylus tip on the record.
(4) Adjust the adjustment screw so that sound comes out after 0.5–1 sec. since a stylus tip drops on the record.

Drop Point Adjustment

(1) Place a test record (YFSC-16) on the turntable and press the START/STOP button for lead-in.
(2) Adjust the horizontal position adjustment screw so that the drop point at this time is within the specification.

Specification: 8 – 15 counts



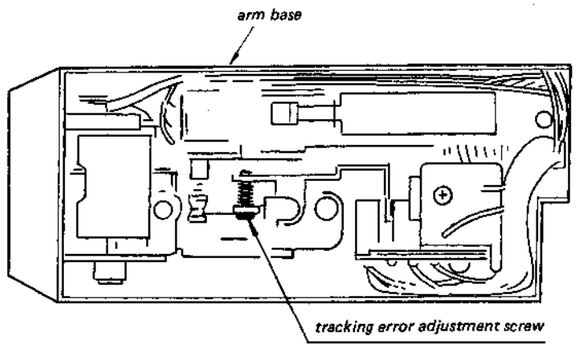
Tracking Error Adjustment

(1) Place a test record (YFSC-16) on the turntable and press the START/STOP button for lead-in.

(2) Just after the arm goes down, adjust with the adjustment screw so that the arm base does not move.

(3) After completing step (2), cause the arm to lead in, and then go UP after the arm base moves.

(4) Check the count at that time, and then check that the difference in count when the arm goes down again is within 5 counts.



– Adjustment Direction –

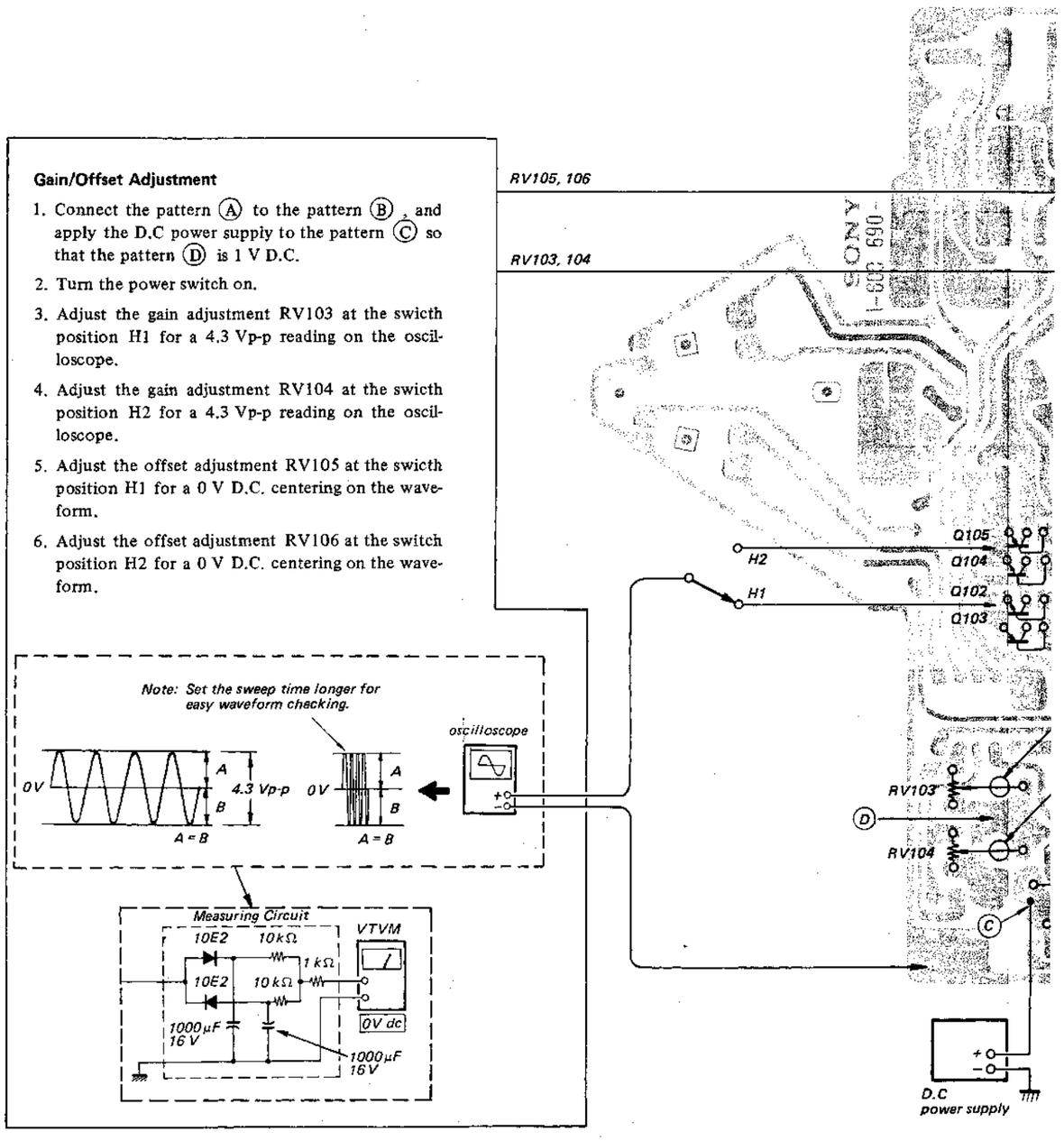
For (2) when the arm base moves, turn to the right.

For (4) when the difference in count is too large, turn to the left.

3-2. ELECTRICAL ADJUSTMENTS

Gain/Offset Adjustment

1. Connect the pattern Ⓐ to the pattern Ⓑ, and apply the D.C power supply to the pattern Ⓒ so that the pattern Ⓓ is 1 V D.C.
2. Turn the power switch on.
3. Adjust the gain adjustment RV103 at the swicth position H1 for a 4.3 Vp-p reading on the oscilloscope.
4. Adjust the gain adjustment RV104 at the swicth position H2 for a 4.3 Vp-p reading on the oscilloscope.
5. Adjust the offset adjustment RV105 at the swicth position H1 for a 0 V D.C. centering on the waveform.
6. Adjust the offset adjustment RV106 at the switch position H2 for a 0 V D.C. centering on the waveform.



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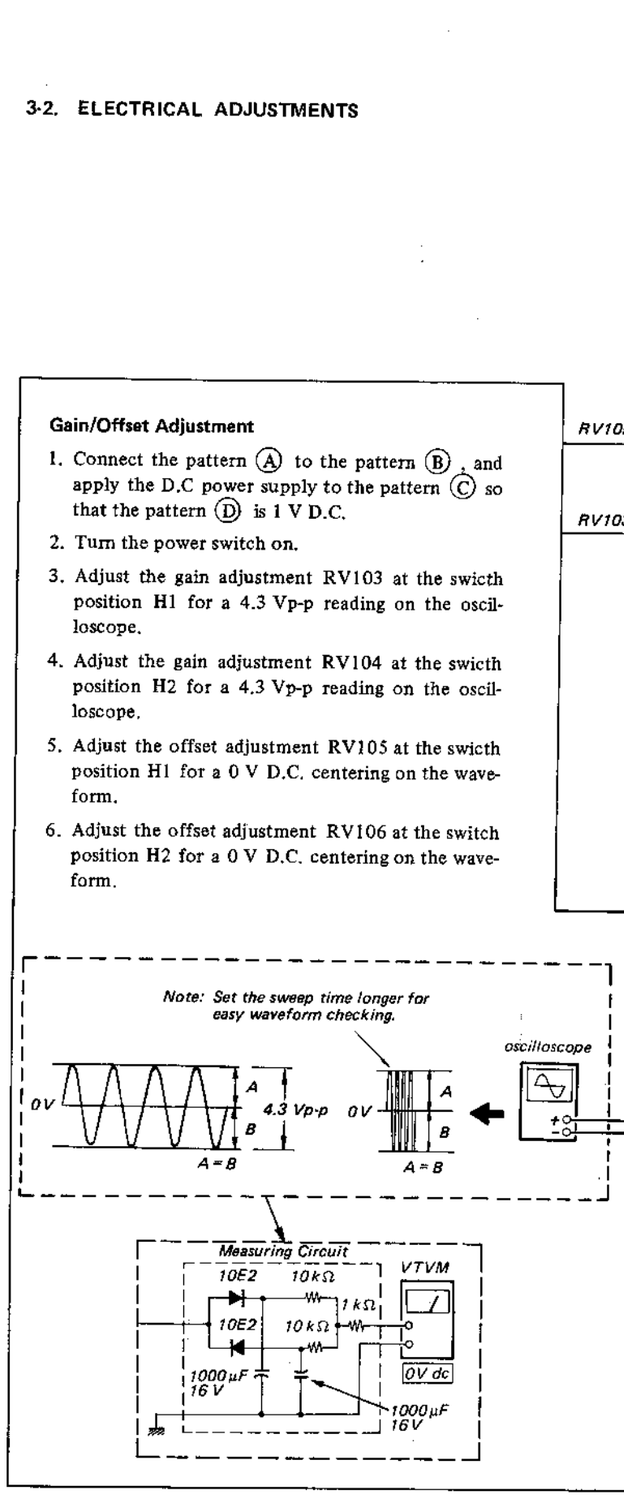
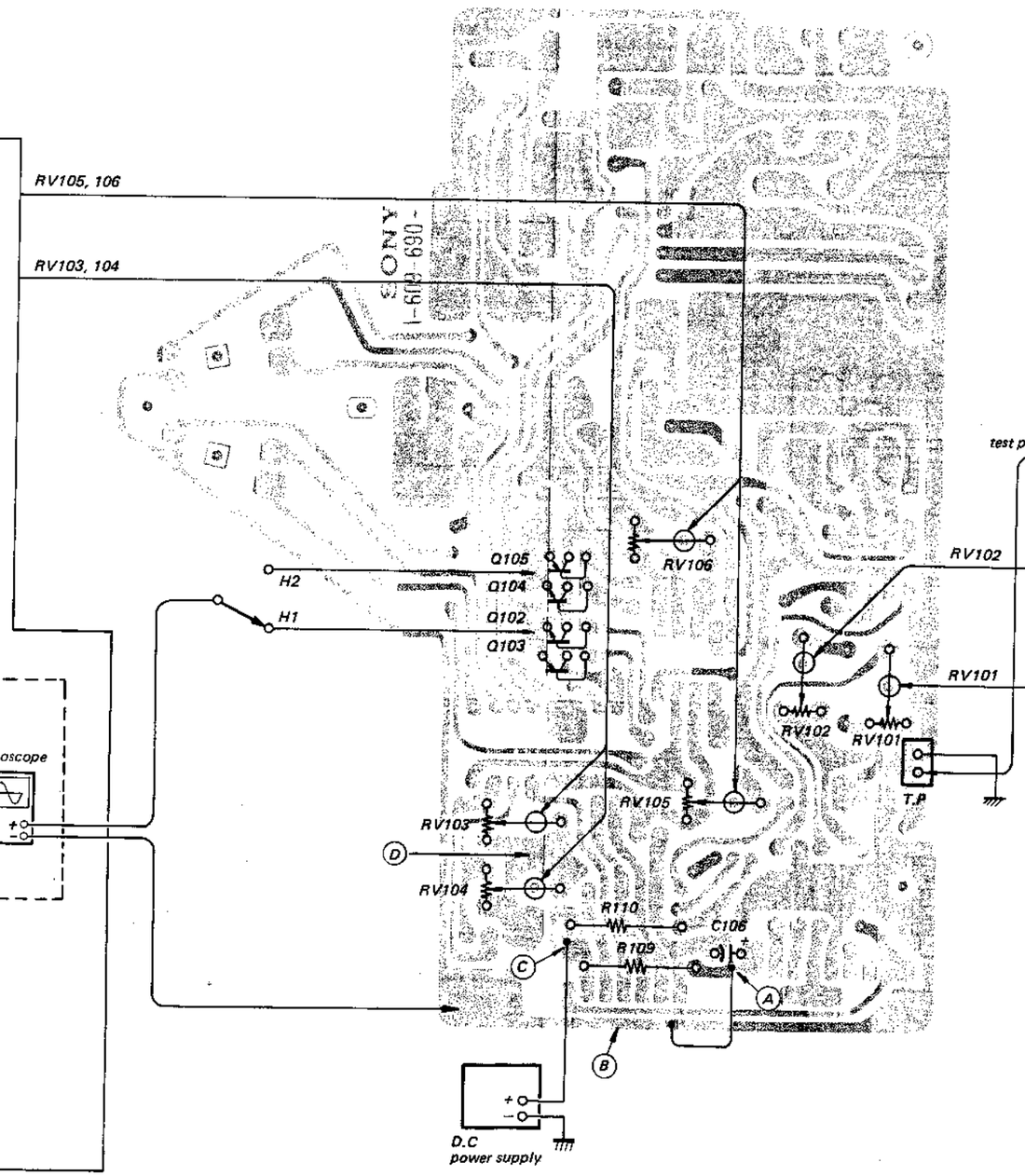
3-2. ELECTRICAL ADJUSTMENTS

Gain/Offset Adjustment

1. Connect the pattern Ⓐ to the pattern Ⓑ, and apply the D.C power supply to the pattern Ⓒ so that the pattern Ⓓ is 1 V D.C.
2. Turn the power switch on.
3. Adjust the gain adjustment RV103 at the swicth position H1 for a 4.3 Vp-p reading on the oscilloscope.
4. Adjust the gain adjustment RV104 at the swicth position H2 for a 4.3 Vp-p reading on the oscilloscope.
5. Adjust the offset adjustment RV105 at the swicth position H1 for a 0 V D.C. centering on the waveform.
6. Adjust the offset adjustment RV106 at the switch position H2 for a 0 V D.C. centering on the waveform.

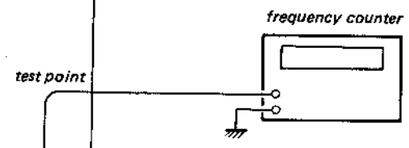


[SERVO BOARD]



Speed Adjustment

1. Connect the frequency counter to T.P. (test point).



2. Turn the power switch on.
3. Turn the SPEED switch to 45, and push the START/STOP button.
4. Adjust the speed (45) adjustment RV101 for 96.00 – 96.38 Hz reading on the frequency counter.
5. Turn the SPEED switch to 33.
6. Adjust the speed (33) adjustment RV102 for 71.11 – 71.39 Hz reading on the frequency counter.

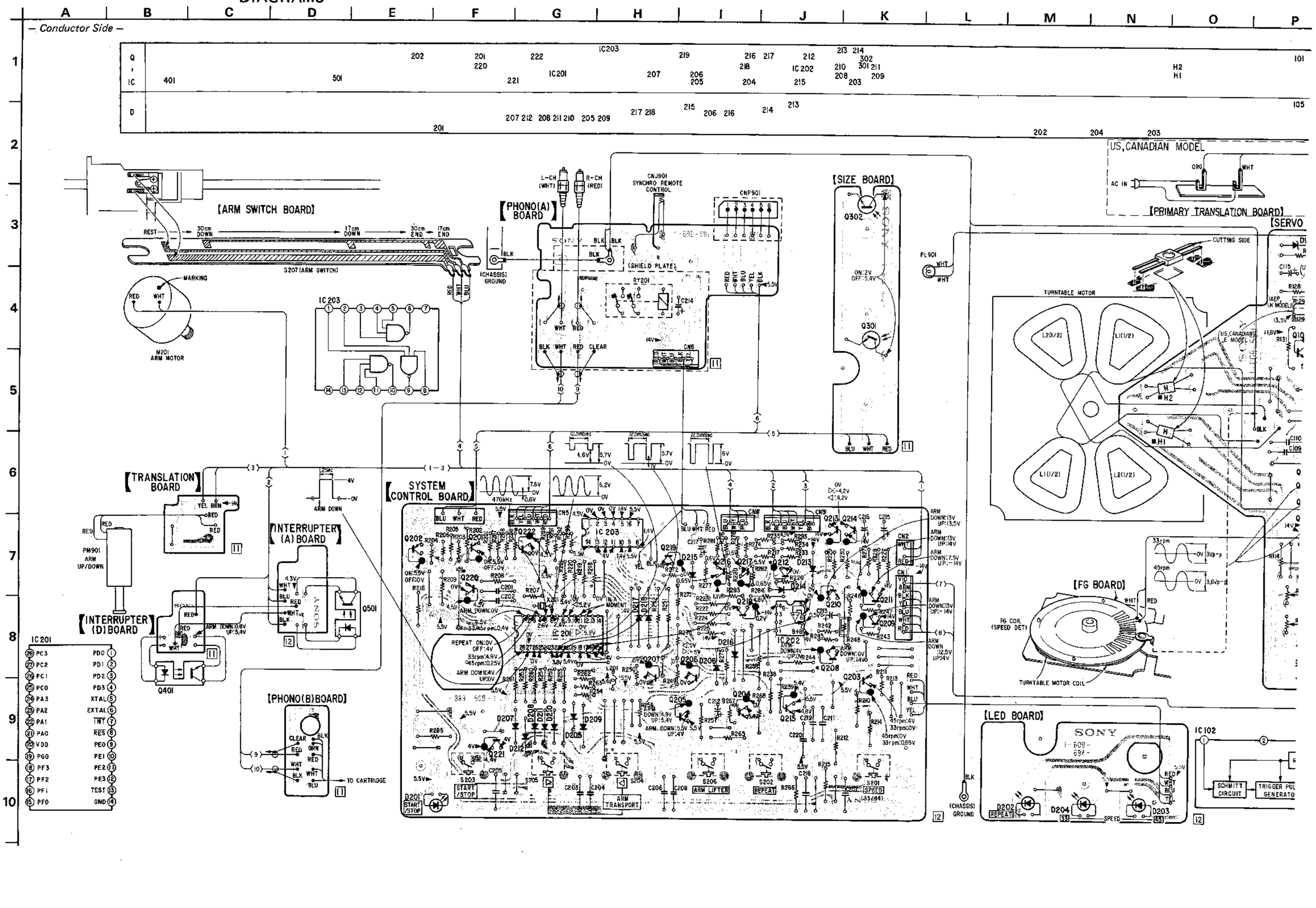
Note:

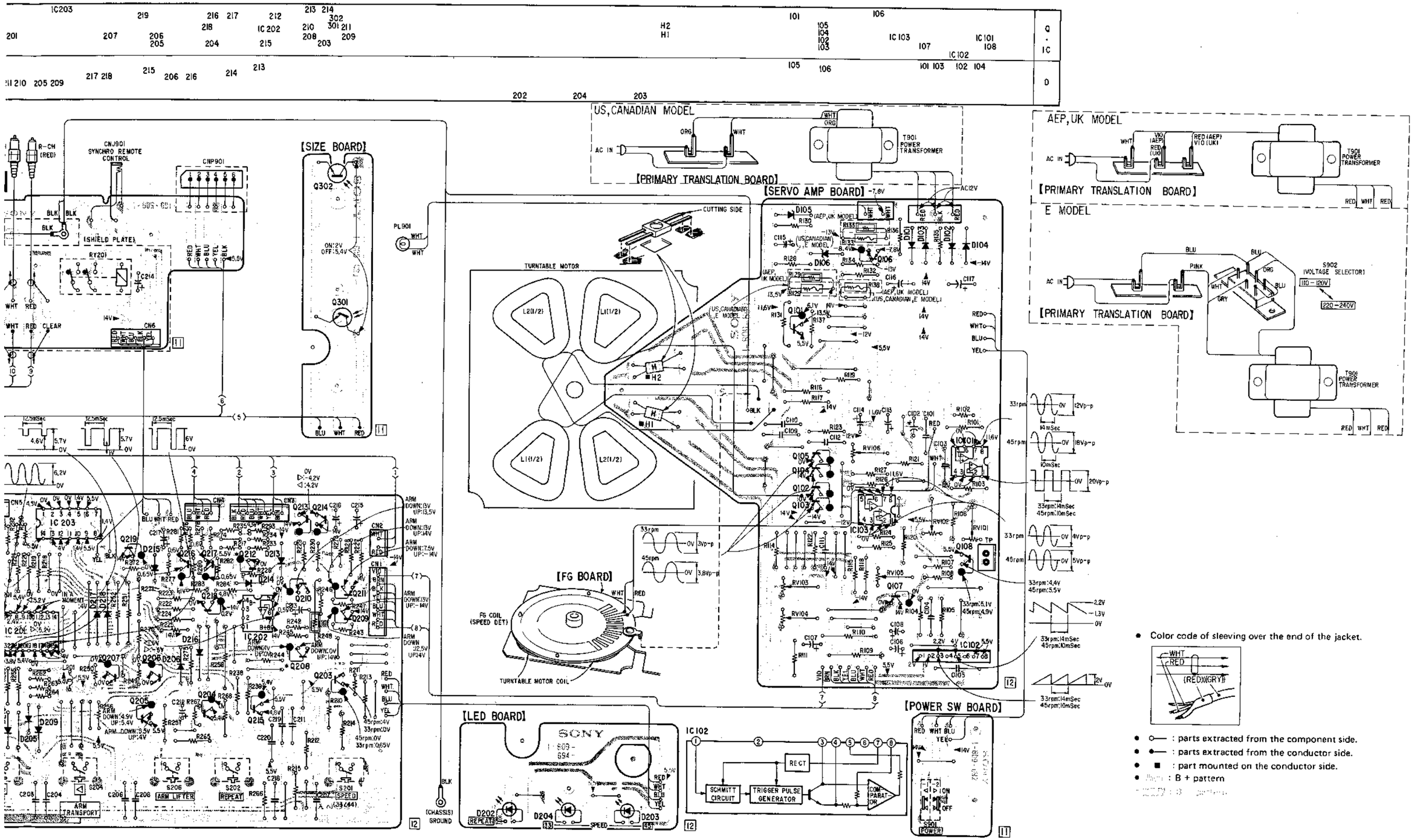
- Use a small-blade screwdriver for the adjustments.
- Gain/offset adjustments should be made earlier than Speed adjustment.

PS-LX500/500C PS-LX5

SECTION 4
DIAGRAMS

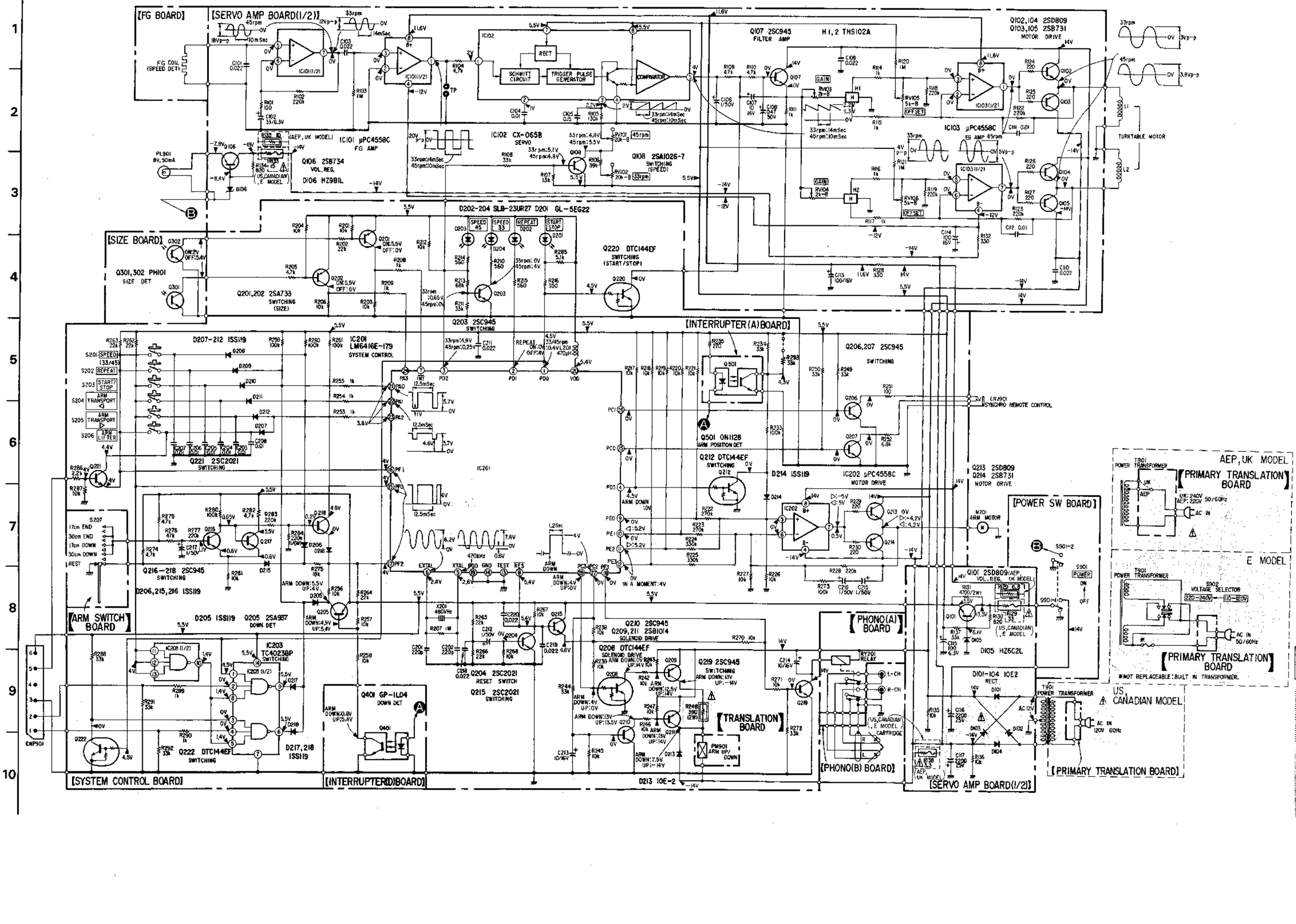
4-1. MOUNTING DIAGRAM



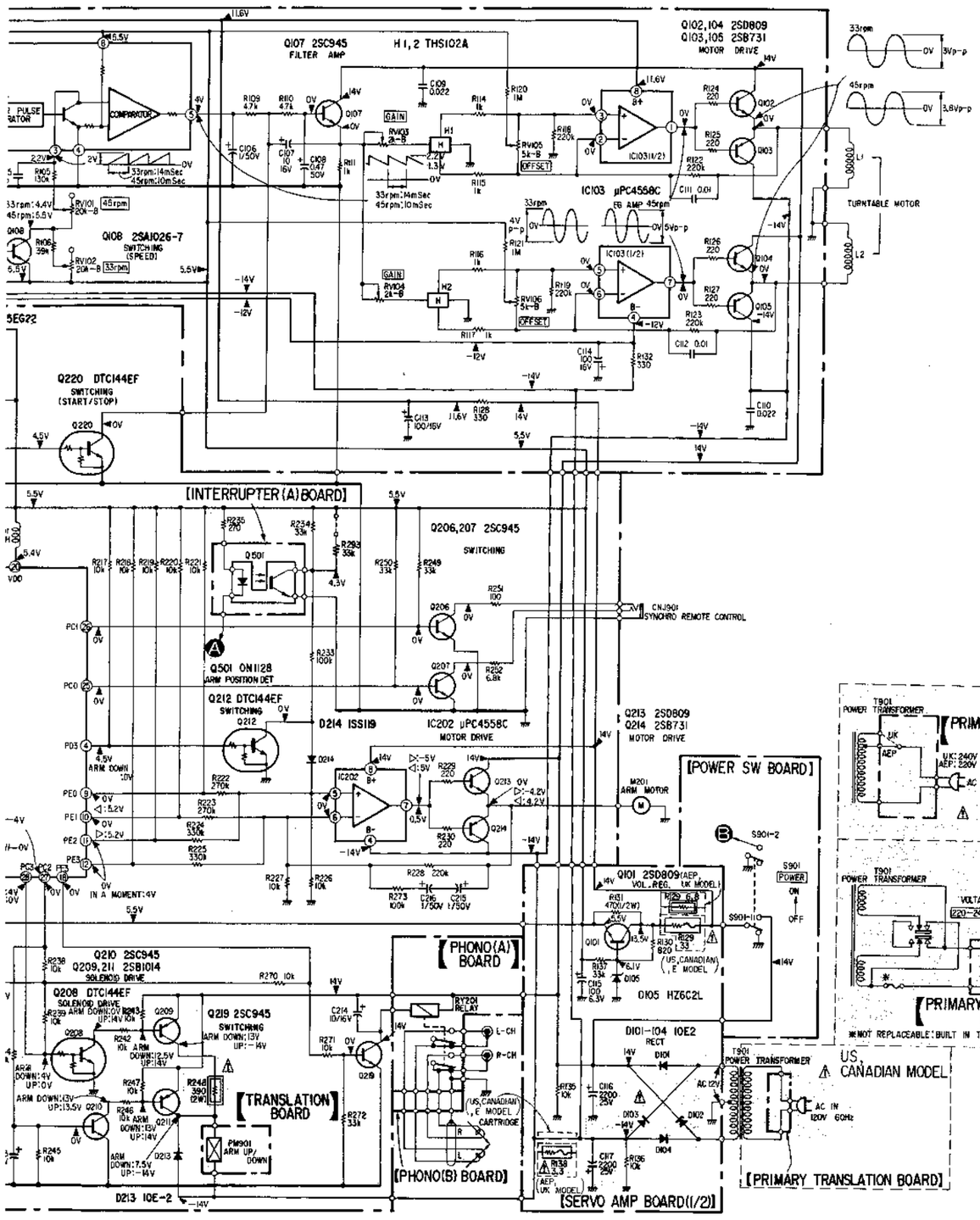


- Color code of sleeving over the end of the jacket.

- ○— : parts extracted from the component side.
- ●— : parts extracted from the conductor side.
- ■ : part mounted on the conductor side.
- : B + pattern


[FG BOARD]
[SERVO AMP BOARD(1/2)]
[SIZE BOARD]
[INTERRUPTER(A)BOARD]
[ARM SWITCH BOARD]
[SYSTEM CONTROL BOARD]
[INTERRUPTER(B)BOARD]
[TRANSLATION BOARD]
[PHONO(A) BOARD]
[PHONO(B) BOARD]
[POWER SW BOARD]
[PRIMARY TRANSLATION BOARD]
AEP,UK MODEL
E MODEL
US,CANADIAN MODEL
IC101 μPC4558C FG AMP
IC102 CX-065B SERVO
IC103 μPC4558C
IC201 LM6416E-179 SYSTEM CONTROL
IC202 μPC4558C MOTOR DRIVE
IC203 TC40238P SWITCHING
Q101 2SD809 (AEP, UK MODEL) VOL. REG.
Q102,104 2SD809
Q103,105 2SB731
MOTOR DRIVE
Q106 2SB734 VOL. REG.
Q107 2SC945 FILTER AMP
Q108 2SA1026-7 SWITCHING (SPEED)
Q201,202 2SA733 SWITCHING (SIZE)
Q203 2SC945 SWITCHING
Q204 2SC2021 RESET SWITCH
Q205 2SA937 DOWN DET
Q206,207 2SC945 SWITCHING
Q208 DTC144EF SOLENOID DRIVE
Q209,211 2SB1014 SOLENOID DRIVE
Q210 2SC945 SOLENOID DRIVE
Q212 DTC144EF SWITCHING
Q213 2SD809
Q214 2SB731
MOTOR DRIVE
Q215 2SC2021 SWITCHING
Q216-218 2SC945 SWITCHING
Q219 2SC945 SWITCHING
Q220 DTC144EF SWITCHING (START/STOP)
Q221 2SC2021 SWITCHING
Q222 DTC144EF SWITCHING
Q301,302 PH101 SIZE DET
Q401 GP-1L04 DOWN DET
Q501 ON1128 ARM POSITION DET
D101-104 10E2 RECT
D105 HZ6C2L
D106 HZ9B1L
D201-204 SLR-23UR27 D201 GL-5EG22
D207-212 1SS119
D213 10E-2
D214 1SS119
D215 1SS119
D216-218 1SS119
D205,206,215,216 1SS119
RY201 RELAY
PM901 ARM UP/DOWN
CNP901
CNJ901 SYNCHRO REMOTE CONTROL
TURNTABLE MOTOR
M201 ARM MOTOR
T901 POWER TRANSFORMER
S901 POWER ON/OFF
S902 VOLTAGE SELECTOR 220-240V 110-120V
S207 17cm END 30cm END 17cm DOWN 30cm DOWN REST
S201 SPEED 33/45
S202 REPEAT
S203 START/STOP
S204 ARM TRANSPORT
S205 ARM TRANSPORT
S206 ARM LIFTER
RV101 20k-B 45rpm
RV102 20k-B 33rpm
RV103 2k-B
RV104 2k-B
RV105 5k-B OFFSET
RV106 5k-B OFFSET
PL901 8V, 50mA
X201 480kHz
X202 470kHz
11.6V
8V
5.5V
5.4V
4.5V
4.4V
4.3V
4V
3.8V
2V
1.4V
0V
-14V
-12V
-8.4V
-7.8V
-5V
-4.2V
-1.5V
33rpm
45rpm
AEP, UK MODEL
E MODEL
US, CANADIAN MODEL
(US,CANADIAN, E MODEL)
(AEP, UK MODEL)
※NOT REPLACEABLE: BUILT IN TRANSFORMER.

PS-LX500/500C



- All capacitors are in μF unless otherwise noted. pF : μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, ¼W unless otherwise noted. kΩ : 1000Ω, MΩ : 1000kΩ
- : nonflammable resistor.
- : fusible resistor.
- : panel designation.
- : adjustment for repair.
- : B+ bus.
- : B- bus.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal conditions with a VOM (50 kΩ/V).
- Voltage variations may be noted due to normal production tolerances.
- : transistor with resistors
- **Switch**

Ref. No.	Switch	Position
S201	SPEED	OFF
S202	REPEAT	OFF
S203	START/STOP	OFF
S204	ARM TRANSPORT ◀	OFF
S205	ARM TRANSPORT ▶	OFF
S206	ARM LIFTER	OFF
S207	ARM POSITION DET.	REST
S901	POWER	OFF

Note: Voltages are measured with a VOM (50kΩ/V).

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un tramé et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

1. SEMICONDUCTOR LEAD LAYOUTS

10E2
1SS119
HZ6C2L
HZ9B1L

2 cathode / anode

2SA1026-7
2SA1027R

E C B

2SB734

E C B

SLB-23UR27

3 cathode anode

2SB731
2SD809

letter srde

E C B

GL-5EG22

4 cathode anode

2SA937
2SC2021
DTC144F

E C B

THS102A

5 1 2 3 4 Ic, V_{HO}, V_H

B C E

LM6416E-179
TC4023BP
μPC4558C

6 line or slit or dot; 1 2 n n+1

PH101

C E

(Top view)

7

CX-065B

8 1 2 n

ON1128

MARKING

1 2 3 4

2SC1364

9 E C B

GP-1L04

1 2 3 4

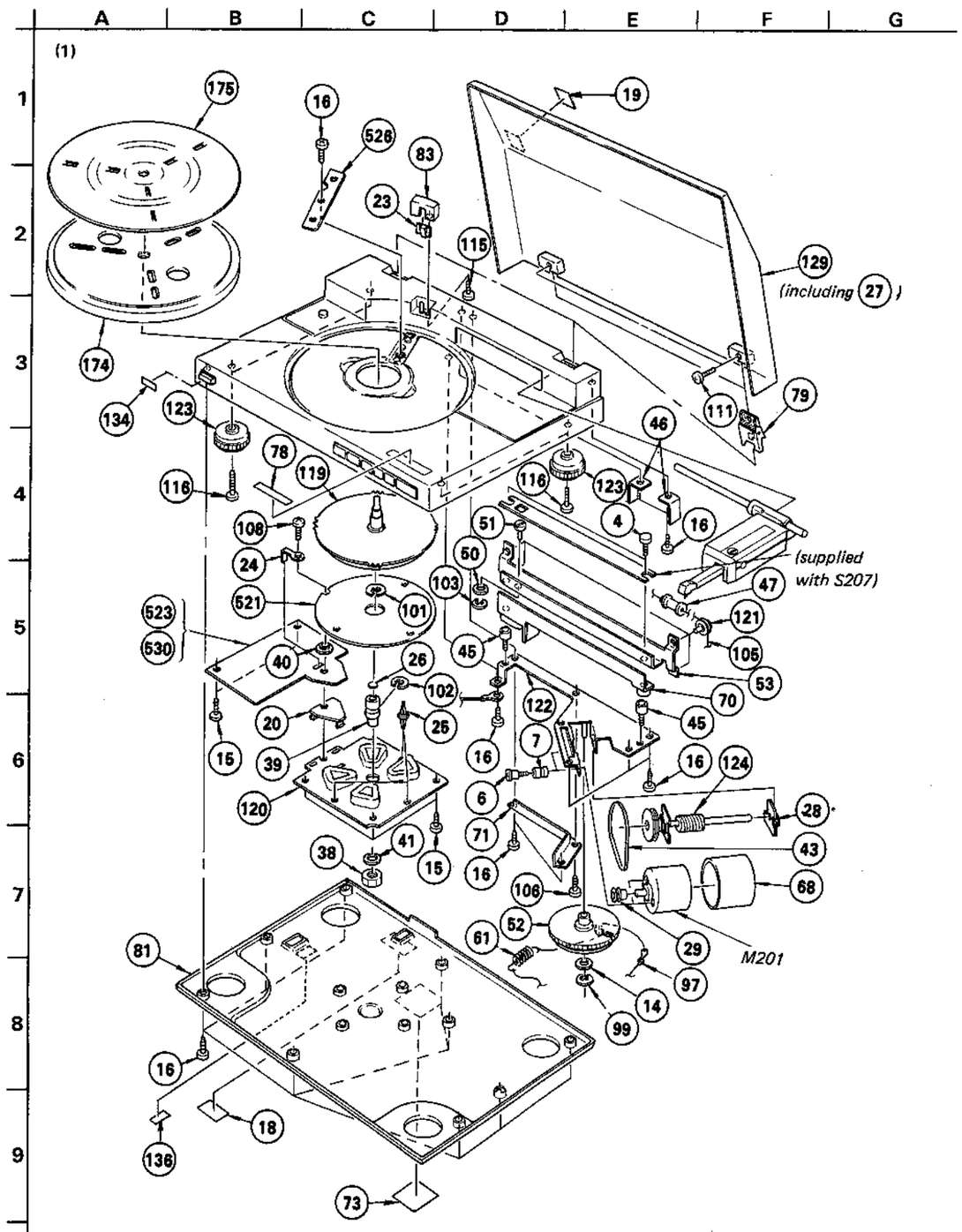
2SB1014

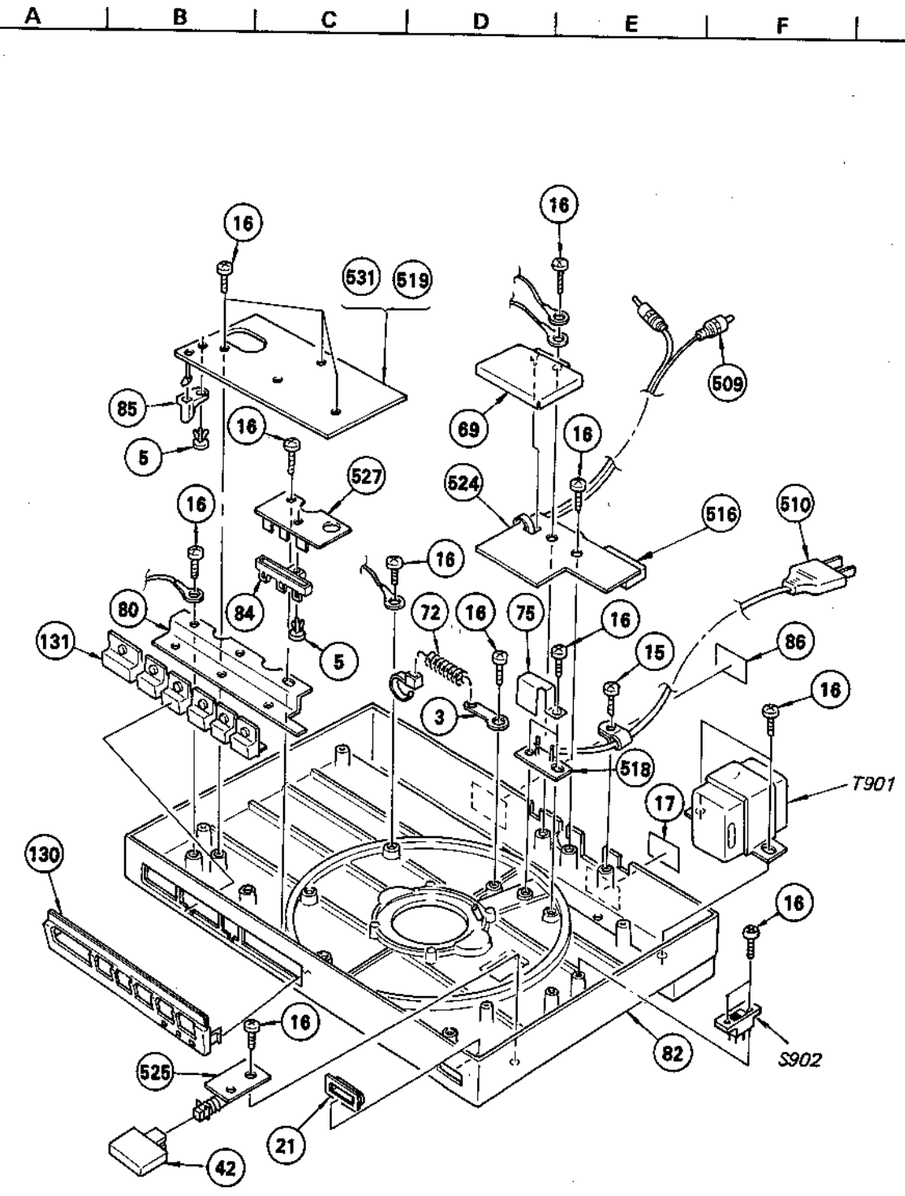
10 E B C

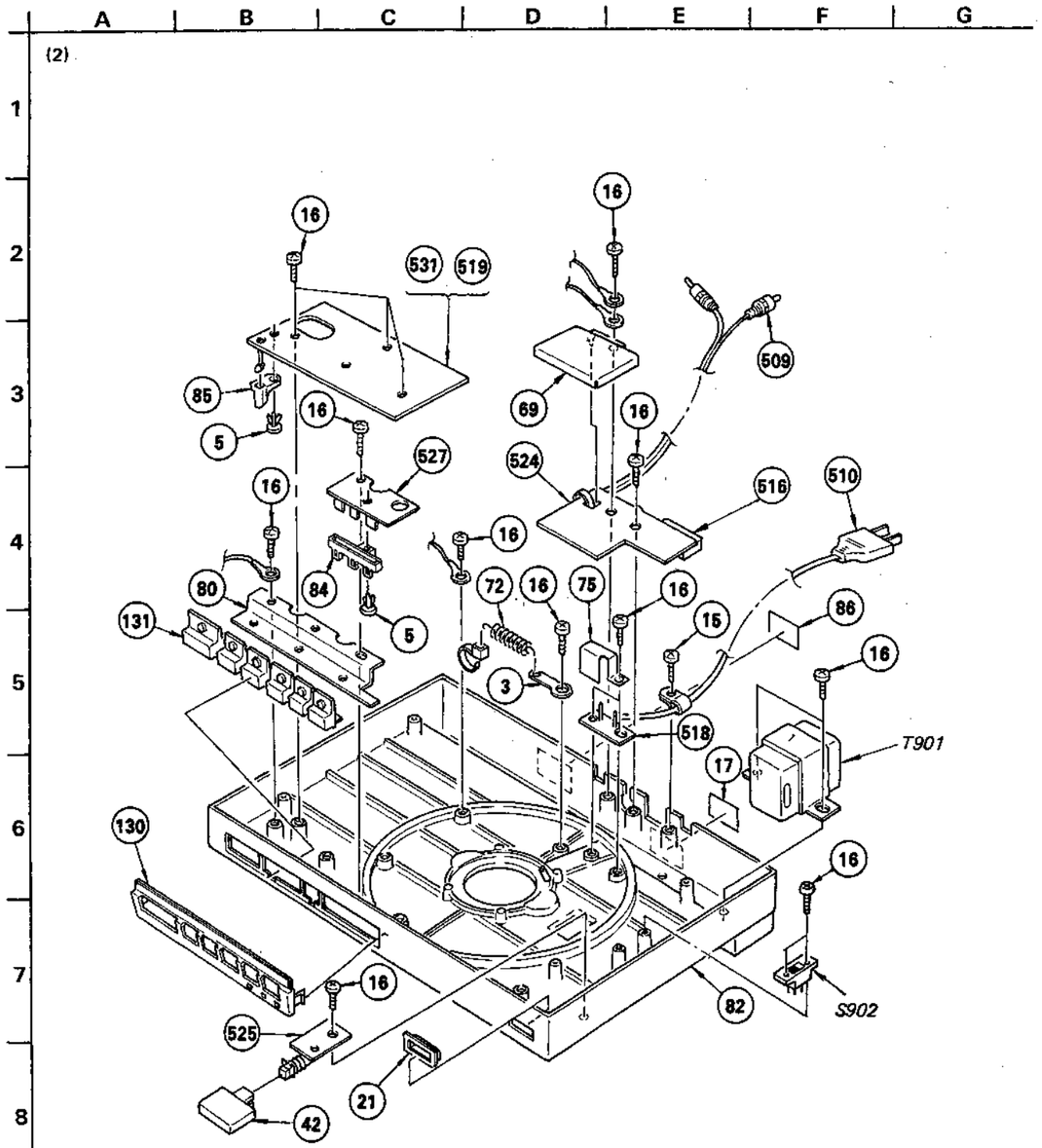
1 2 3 4

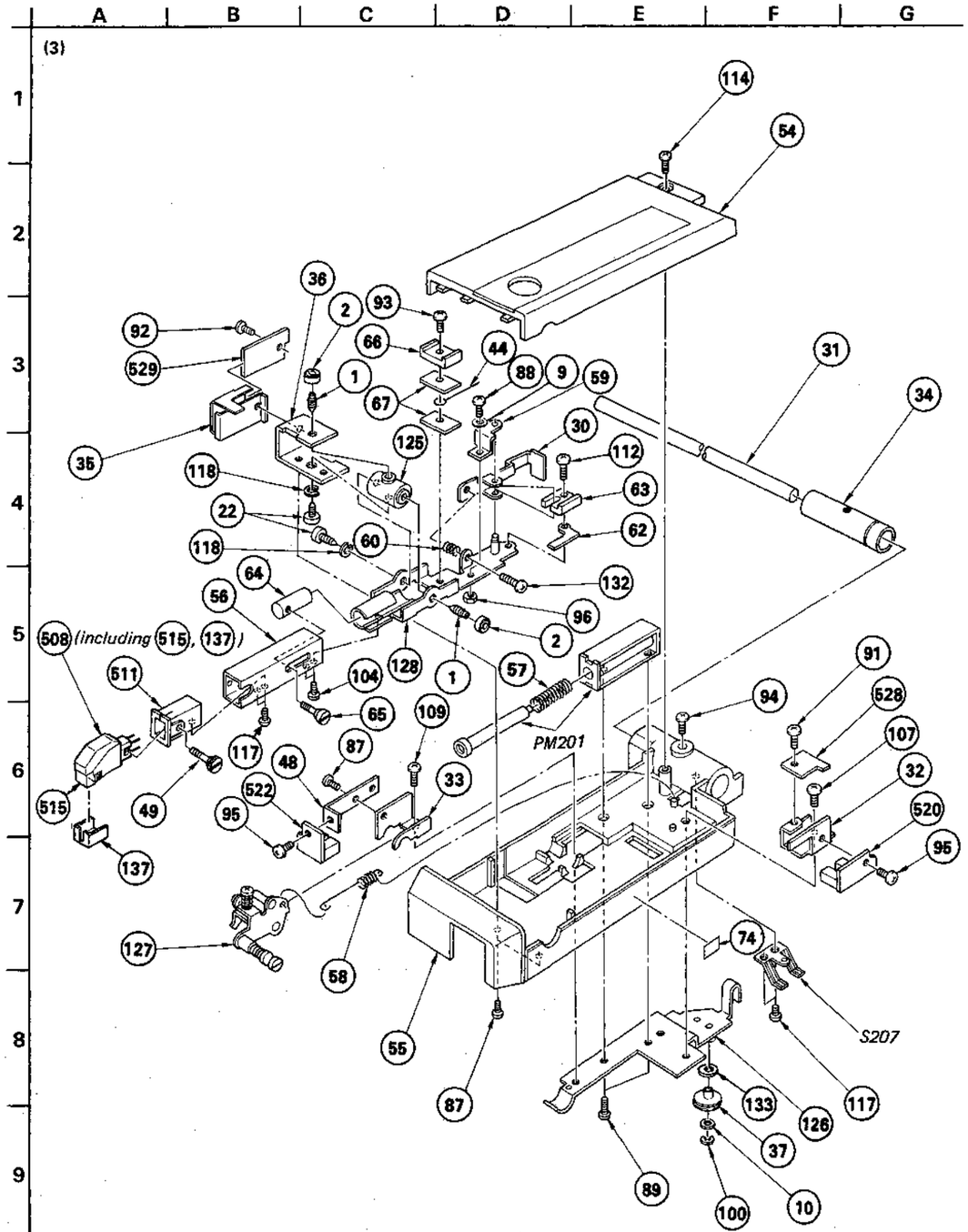
SECTION 5
EXPLODED VIEWS AND PARTS LIST

5-1. EXPLODED VIEWS






(2)
16
531
519
509
69
85
5
527
524
516
510
80
84
72
75
15
86
131
3
518
T901
17
130
82
S902
525
21
42


(3)
114
54
36
2
93
92
529
66
44
88
9
59
31
34
1
67
35
125
30
112
118
63
22
60
62
118
64
132
56
96
2
508 (including 515, 137)
128
1
57
91
511
104
65
109
94
528
PM201
107
117
48
87
32
515
49
522
95
33
520
95
137
127
58
74
55
S207
87
133
126
117
37
89
100
10

5-2. PARTS LIST

GENERAL SECTION

No.	Part No.	Description
1	2-203-518-61	SCREW, PIVOT
2	2-203-519-00	NUT (A), LOCK, PIVOT
3	3-460-077-00	CLAMP, WIRE
4	♣;3-465-048-00	SHAFT
5	3-531-576-31	RIVET (DIA. 3), NYLON
6	3-570-027-00	SCREW, MOTOR
7	3-570-118-00	CUSHION, MOTOR
8	3-618-189-00	RING, RETAINING
9	3-701-437-21	WASHER
10	3-701-439-11	WASHER
11	3-701-439-21	WASHER
12	3-701-441-01	WASHER
13	3-701-441-11	WASHER
14	3-701-441-21	WASHER
15	3-703-136-00	SCREW +PTPWH 3X12
16	3-703-137-00	SCREW +PTPWH 3X10
17	♣;3-703-043-21	(Canadian,UK)...LABEL, CAUTION, MAIN
17	♣;3-703-677-00	(US).....LABEL, CAUTION, MAIN, NEW UL
18	♣;3-703-680-00	(US)....LABEL, CAUTION, SUB, NEW UL
19	3-703-705-01	STICKER, SONY SYMBOL (30)
20	4-857-642-00	HOLDER, PC BOARD
21	4-875-501-00	GUIDE, POWER KNOB
22	4-877-816-00	SHAFT, PIVOT
23	4-879-741-00	WINDOW, LAMP
24	♣;4-881-629-00	PLATE (A), GROUND
25	4-881-636-11	SUPPORT (TMD), PC
26	4-885-135-00	RETAINER, THRUST
27	4-885-183-00	CUSHION (D)
28	4-885-703-00	GUIDE, WORM SHAFT
29	4-885-704-03	PULLEY, MOTOR
30	4-885-707-00	PLATE, ADJUSTMENT
31	4-885-709-00	BAR, GUIDE
32	♣;4-885-710-00	BRACKET, PHOTO
33	♣;4-885-712-00	RETAINER, PUSH ROD
34	4-885-717-00	SLIDER
35	♣;4-885-718-00	PLATE, SHIELD
36	♣;4-885-721-00	BRIDGE, ARM
37	4-886-714-00	ROLLER, GUIDE
38	4-885-723-00	NUT, BEARING
39	4-885-724-00	BEARING
40	4-885-727-00	SPACER
41	4-885-728-03	PACKING
42	4-885-734-00	BUTTON, POWER
43	4-885-735-00	BELT, DRIVING
44	4-885-737-00	WIRE
45	4-885-741-00	SPACER

GENERAL SECTION

No.	Part No.	Description
46	♣;4-885-742-00	BRACKET, GUIDE
47	4-885-744-00	STOPPER, WIRE
48	♣;4-885-745-00	BRACKET (D), PHOTO
49	4-885-746-00	SCREW, FITTING, CARTRIDGE
50	4-885-747-00	WASHER (H)
51	4-885-748-00	PIN, ADJUSTMENT
52	4-885-749-00	WHEEL, WORM
53	♣;4-885-750-00	GUIDE, ROLLER
54	4-885-753-02	COVER, ARM
55	4-885-755-00	BASE, ARM
56	4-885-760-02	PIPE, ARM
57	4-885-761-00	SPRING, COMPRESSION
58	4-885-762-00	SPRING, TENSION
59	♣;4-885-765-00	RETAINER, WIRE
60	4-885-766-00	SPRING, COMPRESSION
61	4-885-767-00	SPRING, TENSION
62	4-885-768-00	WEIGHT (2)
63	4-885-769-00	WEIGHT (A)
64	4-885-770-00	WEIGHT, ADJUSTMENT
65	4-885-771-00	SCREW, ADJUSTMENT
66	4-885-773-00	WEIGHT (S)
67	4-885-774-00	BASE
68	4-885-775-00	CAP, MOTOR
69	♣;4-885-776-00	PLATE (P), SHIELD
70	4-885-777-04	ESCUTCHEON, ROLLER GUIDE
71	♣;4-885-787-00	GUIDE, LEAD WIRE
72	4-885-789-00	SPRING, TENSION
73	♣;4-887-422-11	LABEL, CAUTION, ARM FITTING
74	♣;4-885-792-00	PLUG IN SEAL (A)
75	♣;4-885-798-00	COVER, POWER
76	.....	
77	.....	
78	4-887-403-00	LABEL (B), PANEL
79	4-887-404-00	HINGE
80	♣;4-887-406-00	RETAINER, BUTTON, CONTROL
81	♣;4-887-410-01	(AEP,UK).....PLATE, BOTTOM
81	♣;4-887-410-11	(US,Canadian)...PLATE, BOTTOM
81	♣;4-887-410-21	(E).....PLATE, BOTTOM
82	♣;4-887-411-00	(US,Canadian)...FRAME
82	♣;4-887-411-11	(AEP,UK,E).....FRAME
83	4-887-412-00	HOLDER, LAMP
84	♣;4-887-414-00	HOLDER (A), LED
85	♣;4-887-415-00	HOLDER (B), LED
86	4-887-416-00	(AEP)...LABEL, MODEL NUMBER (AEP1)
86	4-887-417-00	(UK)....LABEL, MODEL NUMBER (UK)
86	4-887-418-00	(US,Canadian)..LABEL, MODEL NUMBER (U,CND)
86	4-887-419-00	(E).....LABEL, MODEL NUMBER (E1,E2,PX1)
86	4-887-427-00	(G-AEP) ... LABEL, MODEL NUMBER

NOTE:

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- Items marked " ♣ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part numbers (Δ-ΔΔΔ-ΔΔΔ-XX or Δ-ΔΔΔΔ-ΔΔΔ-X) may be different from those used in the set.

CAPACITORS:

MF:μF, PF:μμF.

RESISTORS

- All resistors are in ohms.
- F : nonflammable

COILS

- MMH : mH, UH : μH

SEMICONDUCTORS

In each case, U : μ, for example:
UA···: μA···, UPA···: μPA···, UPC···: μPC,
UPD···: μPD···

GENERAL SECTION

No.	Part No.	Description
87	7-621-255-12	SCREW +P 2X3
88	7-621-255-25	SCREW +P 2X4
89	7-621-255-35	SCREW +P 2X5
90	7-621-255-45	SCREW +P 2X6
91	7-621-259-15	SCREW +P 2.6X3
92	7-621-259-25	SCREW +P 2.6X4
93	7-621-259-55	SCREW +P 2.6X8
94	7-621-770-87	SCREW +B 2.6X5
95	7-621-775-00	SCREW +B 2.6X3
96	7-622-205-05	N 2, TYPE 2
97	7-623-616-01	EYELET, 2X3
98	7-624-102-04	STOP RING 1.5, TYPE -E
99	7-624-106-04	STOP RING 3.0, TYPE -E
100	7-624-133-04	STOP RING 3, TYPE-CE
101	7-624-133-24	STOP RING 7, TYPE-CE
102	7-624-133-94	STOP RING 15, TYPE-CE
103	7-624-190-81	STOP RING 2, TYPE-CS
104	7-627-553-37	SCREW, PRECISION +P 2X3
105	7-633-120-45	STRING, TETRON DIAL (0.5MM)
106	7-682-145-01	SCREW +P 3X4
107	7-682-147-09	SCREW +P 3X6
108	7-682-149-13	SCREW +P 3X10
109	7-682-544-09	SCREW +B 3X3
110	7-682-546-00	SCREW +B 3X5
111	7-682-547-04	SCREW +B 3X6
112	7-682-548-09	SCREW +B 3X8
113	7-685-105-24	SCREW +P 2X8 TYPE2 SLIT
114	7-685-134-24	SCREW +P 2.6X8 TYPE2 SLIT
115	7-685-135-14	SCREW +P 2.6X10 TYPE2 NON-SLIT
116	7-685-650-21	SCREW +BVTP 3X16 TYPE2 SLIT
117	7-685-799-04	SCREW +PTT 1.7X2.5
118	7-623-208-22	SW 3, TYPE 2
119	A-4608-232-A	ROTOR ASSY
120	A-4608-233-A	STATOR ASSY
121	X-4856-325-0	PULLEY ASSY
122	X-4885-702-3	BRACKET ASSY, MOTOR
123	X-4885-704-3	INSULATOR ASSY
124	X-4885-710-0	WORM ASSY
125	X-4885-711-0	HOLDER ASSY, BEARING
126	X-4885-713-0	ROLLER ASSY (B), GUIDE
127	X-4885-714-1	LIFTER ASSY
128	X-4885-715-1	JOINT ASSY
129	X-4887-402-0	COVER ASSY, DUST
130	X-4887-403-0	PANEL ASSY, SUB
131	X-4887-404-0	BUTTON ASSY, CONTROL
132	7-621-255-55	SCREW +P 2X8
133	3-701-440-11	WASHER
134 ♣;3-701-690-00		(UK).....LABEL, MADE IN JAPAN
135	3-703-396-00	LABEL, CAUTION
136 ♣;4-881-683-00		(E).....LABEL, VOLTAGE
137	2-331-652-00	(AEP,UK,E).....COVER, STYLUS TIP
137	2-331-786-00	(PS-LX500C)....COVER, STYLUS TIP

ACCESSORY & PACKING MATERIAL

No.	Part No.	Description
171	3-701-616-00	BAG, POLYETHYLENE
172	3-701-806-00	ADAPTOR, 45, (E)
173	3-773-334-21	(US,Canadian)...MANUAL, INSTRUCTION
174	4-883-720-02	TURNTABLE
175	4-883-723-01	(AEP,UK,E).....SHEET, TURNTABLE
175	4-883-723-11	(US,Canadian)...SHEET, TURNTABLE
176	4-885-779-00	BOLSTER, ARM
177	4-885-780-00	CUSHION, ARM
178	4-885-781-00	PROTECTOR (A)
179	4-880-101-00	PROTECTOR (B)
180	4-887-423-00	HOLDER, TURNTABLE
181	4-887-420-00	CUSHION (LEFT)
182	4-887-421-00	CUSHION (RIGHT)
183 ♣;4-885-797-00		COVER, ARM LOCK
184	4-887-425-00	(PS-LX500C)...INDIVIDUAL CARTON
185	4-885-424-00	(PS-LX500)....INDIVIDUAL CARTON
186	3-773-334-11	(AEP,UK,E)....MANUAL, INSTRUCTION
187	3-773-334-31	(Canadian)....MANUAL, INSTRUCTION
188	3-773-334-41	(AEP).....MANUAL, INSTRUCTION
189	3-565-234-02	BAG, POLYETHYLENE

ELECTRICAL PARTS

Ref.No.	Part No.	Description
501	1-507-813-00	JACK (SYNCHRO REMOTE JACK)
502 ♣;1-508-799-00		BASE POST (U TYPE)
503 ♣;1-508-800-13		U TYPE BASE POST 3P
504	.....	
505 ♣;1-508-878-00		BASE POST
506 ♣;1-508-880-00		BASE POST, MCD CONNECTOR 6P
507	1-535-476-00	TERMINAL
508	1-549-117-00	(PS-LX500C)...CARTRIDGE (VL-45G)
508	A-4505-089-A	(AEP,UK,E)....CARTRIDGE (VX-250G)
509	1-551-294-00	CORD
510 ⚠	1-534-817-XX	(AEP)....CORD, POWER
510 ⚠	1-551-472-00	(E).....CORD, POWER
510 ⚠	1-561-506-XX	(US,Canadian)...CORD, POWER
510 ⚠	1-556-562-11	(UK).....CORD, POWER
511	1-556-552-00	CONNECTOR (PLUG IN TYPE)
512 ♣;1-560-070-00		BASE POST
513 ♣;1-560-070-00		BASE POST
514 ♣;1-560-200-00		BASE POST, MCD CONNECTOR 2P
515	A-4587-071-B	(AEP,UK,E)....STYLUS TIP
515	1-549-118-11	(PS-LX500C)...STYLUS TIP

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- Items marked " ♣ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Due to standardization, parts with part numbers (Δ-ΔΔΔ-ΔΔΔ-XX or Δ-ΔΔΔΔ-ΔΔΔ-X) may be different from those used in the set.

CAPACITORS:
MF:μF, PF:μμF.

RESISTORS
- All resistors are in ohms.
- F : nonflammable

COILS
- MMH : mH, UH : μH

SEMICONDUCTORS
In each case, U : μ, for example:
UA···: μA···, UPA···: μPA···, UPC···: μPC, UPD···: μPD···

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
516	♦;1-560-317-00	CONNECTOR PIN 6P (REMOTE CONNECTOR)			
517	1-564-044-00	BASE POST, MCD CONNECTOR 7P			
⚠518	♦;1-608-536-00	PC BOARD, PRIMARY TRANSLATION			
519	♦;1-609-689-00	PC BOARD, SYSTEM CONTROL			
520	♦ 1-608-815-00	PC BOARD, INTERRUPTER (A)			
521	♦ 1-608-883-00	PC BOARD, FG			
522	♦;1-609-688-00	PC BOARD, INTERRUPTER (D)			
523	♦;1-609-690-00	PC BOARD, SERVO			
524	♦;1-609-691-00	PC BOARD, PHONO (A)			
525	♦;1-609-692-00	PC BOARD, POWER SW			
526	♦;1-609-693-00	PC BOARD, SIZE			
527	♦;1-609-694-00	PC BOARD, LED			
528	♦;1-610-177-00	PC BOARD, TRANSLATION			
529	♦;1-610-178-00	PC BOARD, PHONO (B)			
530	♦;A-4619-199-A	(U,Canadian,E)...MOUNTED PCB, AMPLIFIER, SERVO			
530	♦;A-4619-215-A	(AEP,UK)...MOUNTED PCB, AMPLIFIER, SERVO			
531	♦;A-4644-143-A	MOUNTED PCB, SYSTEM CONTROL			
C101	1-161-494-00	CERAMIC	0.022MF	30%	25V
C102	1-123-318-00	ELECT	33MF	20%	6.3V
C103	1-161-494-00	CERAMIC	0.022MF	30%	25V
C104	1-161-330-00	CERAMIC	0.01MF	30%	25V
C105	1-130-885-00	FILM	0.15MF	5%	50V
C106	1-123-611-00	ELECT	1MF	20%	50V
C107	1-123-617-00	ELECT	10MF	20%	16V
C108	1-123-610-00	ELECT	0.47MF	20%	50V
C109	1-161-494-00	CERAMIC	0.022MF	30%	25V
C110	1-161-494-00	CERAMIC	0.022MF	30%	25V
C111	1-161-330-00	CERAMIC	0.01MF	30%	25V
C112	1-161-330-00	CERAMIC	0.01MF	30%	25V
C113	1-123-333-00	ELECT	100MF	20%	16V
C114	1-123-333-00	ELECT	100MF	20%	16V
C115	1-123-661-00	ELECT	100MF	20%	6.3V
⚠C116	1-123-338-00	ELECT	2200MF	20%	25V
⚠C117	1-123-338-00	ELECT	2200MF	20%	25V
C201	1-161-315-00	CERAMIC	220PF	10%	50V
C202	1-161-315-00	CERAMIC	220PF	10%	50V
C203	1-161-330-00	CERAMIC	0.01MF	30%	25V
C204	1-161-330-00	CERAMIC	0.01MF	30%	25V
C205	1-161-330-00	CERAMIC	0.01MF	30%	25V
C206	1-161-330-00	CERAMIC	0.01MF	30%	25V
C207	1-161-330-00	CERAMIC	0.01MF	30%	25V
C208	1-161-330-00	CERAMIC	0.01MF	30%	25V
C211	1-161-494-00	CERAMIC	0.022MF	30%	25V
C212	1-123-611-00	ELECT	1MF	20%	50V
C213	1-123-356-00	ELECT	10MF	20%	16V

ELECTRICAL PARTS

Ref.No.	Part No.	Description			
C214	1-123-617-00	ELECT	10MF	20%	16V
C215	1-123-380-00	ELECT	1MF	20%	50V
C216	1-123-380-00	ELECT	1MF	20%	50V
C217	1-123-380-00	ELECT	1MF	20%	50V
C218	1-161-494-00	CERAMIC	0.022MF	30%	25V
C219	1-161-494-00	CERAMIC	0.022MF	30%	25V
C220	1-161-494-00	CERAMIC	0.022MF	30%	25V
⚠D101	8-719-200-02	DIODE 10E-2			
⚠D102	8-719-200-02	DIODE 10E-2			
⚠D103	8-719-200-02	DIODE 10E-2			
⚠D104	8-719-200-02	DIODE 10E-2			
D105	8-719-910-68	DIODE HZ6C2L			
D106	8-719-910-94	DIODE HZ9B1L			
D201	8-719-907-36	DIODE GL-5EG22			
D202	8-719-908-16	DIODE SLB-23UR27			
D203	8-719-908-16	DIODE SLB-23UR27			
D204	8-719-908-16	DIODE SLB-23UR27			
D205	8-719-911-19	DIODE 1SS119			
D206	8-719-911-19	DIODE 1SS119			
D207	8-719-911-19	DIODE 1SS119			
D208	8-719-911-19	DIODE 1SS119			
D209	8-719-911-19	DIODE 1SS119			
D210	8-719-911-19	DIODE 1SS119			
D211	8-719-911-19	DIODE 1SS119			
D212	8-719-911-19	DIODE 1SS119			
D213	8-719-200-02	DIODE 10E-2			
D214	8-719-911-19	DIODE 1SS119			
D215	8-719-911-19	DIODE 1SS119			
D216	8-719-911-19	DIODE 1SS119			
D217	8-719-911-19	DIODE 1SS119			
D218	8-719-911-19	DIODE 1SS119			
H1	8-719-800-17	DIODE THS102A			
H2	8-719-800-17	DIODE THS102A			
IC101	8-759-145-58	IC UPC4558C			
IC102	8-759-602-65	IC CX-065B			
IC103	8-759-145-58	IC UPC4558C			
IC201	8-759-800-58	IC LM6416E-179			
IC202	8-759-145-58	IC UPC4558C			
IC203	8-759-240-23	IC TC4023BP			
L101	1-407-177-XX	MICRO INDUCTOR 470UH			
M201	1-541-218-00	MOTOR			
PL101	1-518-340-91	LAMP, PILOT			
PM201	1-454-344-00	SOLENOID, PLUNGER			

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ELECTRICAL PARTS

Ref.No.	Part No.	Description
Q101	8-729-180-93	TRANSISTOR 2SD809
Q102	8-729-180-93	TRANSISTOR 2SD809
Q103	8-729-173-13	TRANSISTOR 2SB731
Q104	8-729-180-93	TRANSISTOR 2SD809
Q105	8-729-173-13	TRANSISTOR 2SB731
Q106	8-729-103-43	TRANSISTOR 2SB734
Q107	8-729-663-47	TRANSISTOR 2SC1364
Q108	8-729-602-67	TRANSISTOR 2SA1026-7
Q201	8-729-612-77	TRANSISTOR 2SA1027R
Q202	8-729-612-77	TRANSISTOR 2SA1027R
Q203	8-729-663-47	TRANSISTOR 2SC1364
Q204	8-729-902-11	TRANSISTOR 2SC2021
Q205	8-729-993-72	TRANSISTOR 2SA937
Q206	8-729-663-47	TRANSISTOR 2SC1364
Q207	8-729-663-47	TRANSISTOR 2SC1364
Q208	8-729-900-33	TRANSISTOR DTC144FF
Q209	8-729-802-22	TRANSISTOR 2SB1014-2
Q210	8-729-663-47	TRANSISTOR 2SC1364
Q211	8-729-802-22	TRANSISTOR 2SB1014-2
Q212	8-729-900-33	TRANSISTOR DTC144FF
Q213	8-729-180-93	TRANSISTOR 2SD809
Q214	8-729-173-13	TRANSISTOR 2SB731
Q215	8-729-902-11	TRANSISTOR 2SC2021
Q216	8-729-663-47	TRANSISTOR 2SC1364
Q217	8-729-663-47	TRANSISTOR 2SC1364
Q218	8-729-663-47	TRANSISTOR 2SC1364
Q219	8-729-663-47	TRANSISTOR 2SC1364
Q220	8-729-900-33	TRANSISTOR DTC144FF
Q221	8-729-902-11	TRANSISTOR 2SC2021
Q222	8-729-900-33	TRANSISTOR DTC144FF
Q301	8-729-101-01	TRANSISTOR PH101
Q302	8-729-101-01	TRANSISTOR PH101
Q401	8-719-907-32	DIODE GP-1LO4
Q501	8-719-411-28	DIODE ON1128
R101	1-246-449-00	CARBON 100 5% 1/4W
R102	1-247-887-00	CARBON 220K 5% 1/6W
R103	1-246-545-00	CARBON 1M 5% 1/4W
R104	1-247-489-00	CARBON 4.7K 5% 1/4W
R105	1-214-780-00	METAL 130K 1% 1/4W
R106	1-214-767-00	METAL 39K 1% 1/4W
R107	1-247-867-00	CARBON 33K 5% 1/6W
R108	1-247-867-00	CARBON 33K 5% 1/6W
R109	1-246-489-00	CARBON 4.7K 5% 1/4W
R110	1-246-489-00	CARBON 4.7K 5% 1/4W
R111	1-246-473-00	CARBON 1K 5% 1/4W
R114	1-246-473-00	CARBON 1K 5% 1/4W

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R115	1-246-473-00	CARBON 1K 5% 1/4W
R116	1-246-473-00	CARBON 1K 5% 1/4W
R117	1-246-473-00	CARBON 1K 5% 1/4W
R118	1-246-529-00	CARBON 220K 5% 1/4W
R119	1-246-529-00	CARBON 220K 5% 1/4W
R120	1-246-545-00	CARBON 1M 5% 1/4W
R121	1-246-545-00	CARBON 1M 5% 1/4W
R122	1-246-529-00	CARBON 220K 5% 1/4W
R123	1-246-529-00	CARBON 220K 5% 1/4W
R124	1-246-457-00	CARBON 220 5% 1/4W
R125	1-246-457-00	CARBON 220 5% 1/4W
R126	1-246-457-00	CARBON 220 5% 1/4W
R127	1-246-457-00	CARBON 220 5% 1/4W
R128	1-246-461-00	CARBON 330 5% 1/4W
R129⚠	1-202-853-21	(AEP,UK)..SOLID 6.8 1/4W
R129⚠	1-217-393-00	(US,Canadian,E)..FUSIBLE 33 5% 1/4W F
R130	1-246-471-00	CARBON 820 5% 1/4W
R131	1-244-865-00	CARBON 470 5% 1/2W
R132	1-246-461-00	CARBON 330 5% 1/4W
R133⚠	1-202-854-21	(AEP,UK)..SOLID 10 1/4W
R133⚠	1-217-389-00	(US,Canadian,E)..FUSIBLE 15 5% 1/4W F
R134	1-246-471-00	CARBON 820 5% 1/4W
R135	1-246-497-00	CARBON 10K 5% 1/4W
R136	1-246-497-00	CARBON 10K 5% 1/4W
R137	1-246-485-00	CARBON 3.3K 5% 1/4W
R138⚠	1-202-851-21	(AEP,UK)..SOLID 3.3 1/4W
R201	1-247-855-00	CARBON 10K 5% 1/6W
R202	1-246-505-00	CARBON 22K 5% 1/4W
R203	1-247-855-00	CARBON 10K 5% 1/6W
R204	1-247-855-00	CARBON 10K 5% 1/6W
R205	1-247-847-00	CARBON 4.7K 5% 1/6W
R206	1-247-855-00	CARBON 10K 5% 1/6W
R207	1-247-903-00	CARBON 1M 5% 1/6W
R208	1-246-473-00	CARBON 1K 5% 1/4W
R209	1-246-473-00	CARBON 1K 5% 1/4W
R210	1-246-467-00	CARBON 560 5% 1/4W
R211	1-247-867-00	CARBON 33K 5% 1/6W
R212	1-246-497-00	CARBON 10K 5% 1/4W
R213	1-246-517-00	CARBON 68K 5% 1/4W
R214	1-246-467-00	CARBON 560 5% 1/4W
R215	1-246-467-00	CARBON 560 5% 1/4W
R216	1-246-460-00	CARBON 300 5% 1/4W
R217	1-247-855-00	CARBON 10K 5% 1/6W
R218	1-246-497-00	CARBON 10K 5% 1/4W
R219	1-246-497-00	CARBON 10K 5% 1/4W

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ELECTRICAL PARTS

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R220	1-246-497-00	CARBON	10K	5%	1/4W	
R221	1-246-497-00	CARBON	10K	5%	1/4W	
R222	1-214-787-00	METAL	270K	1%	1/4W	
R223	1-214-787-00	METAL	270K	1%	1/4W	
R224	1-246-533-00	CARBON	330K	5%	1/4W	
R225	1-247-891-00	CARBON	330K	5%	1/6W	
R226	1-247-855-00	CARBON	10K	5%	1/6W	
R227	1-246-497-00	CARBON	10K	5%	1/4W	
R228	1-214-785-00	METAL	220K	1%	1/4W	
R229	1-247-815-00	CARBON	220	5%	1/6W	
R230	1-247-815-00	CARBON	220	5%	1/6W	
R233	1-247-879-00	CARBON	100K	5%	1/6W	
R234	1-247-867-00	CARBON	33K	5%	1/6W	
R235	1-247-817-00	CARBON	270	5%	1/6W	
R238	1-246-497-00	CARBON	10K	5%	1/4W	
R239	1-246-497-00	CARBON	10K	5%	1/4W	
R242	1-247-855-00	CARBON	10K	5%	1/6W	
R243	1-247-855-00	CARBON	10K	5%	1/6W	
R244	1-246-509-00	CARBON	33K	5%	1/4W	
R245	1-247-855-00	CARBON	10K	5%	1/6W	
R246	1-247-855-00	CARBON	10K	5%	1/6W	
R247	1-247-855-00	CARBON	10K	5%	1/6W	
R248	1-206-654-00	METAL OXIDE	390	5%	2W	F
R249	1-247-867-00	CARBON	33K	5%	1/6W	
R250	1-247-867-00	CARBON	33K	5%	1/6W	
R251	1-246-449-00	CARBON	100	5%	1/4W	
R252	1-246-493-00	CARBON	6.8K	5%	1/4W	
R253	1-246-473-00	CARBON	1K	5%	1/4W	
R254	1-246-473-00	CARBON	1K	5%	1/4W	
R255	1-246-473-00	CARBON	1K	5%	1/4W	
R256	1-247-855-00	CARBON	10K	5%	1/6W	
R257	1-246-497-00	CARBON	10K	5%	1/4W	
R258	1-246-497-00	CARBON	10K	5%	1/4W	
R259	1-246-521-00	CARBON	100K	5%	1/4W	
R260	1-246-521-00	CARBON	100K	5%	1/4W	
R261	1-246-521-00	CARBON	100K	5%	1/4W	
R262	1-247-863-00	CARBON	22K	5%	1/6W	
R263	1-247-863-00	CARBON	22K	5%	1/6W	
R264	1-247-863-00	CARBON	22K	5%	1/6W	
R265	1-246-505-00	CARBON	22K	5%	1/4W	
R266	1-246-505-00	CARBON	22K	5%	1/4W	
R267	1-247-855-00	CARBON	10K	5%	1/6W	
R268	1-246-497-00	CARBON	10K	5%	1/4W	
R270	1-246-497-00	CARBON	10K	5%	1/4W	
R271	1-246-497-00	CARBON	10K	5%	1/4W	

ELECTRICAL PARTS

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R272	1-247-867-00	CARBON	33K	5%	1/6W
R273	1-247-879-00	CARBON	100K	5%	1/6W
R274	1-247-847-00	CARBON	4.7K	5%	1/6W
R275	1-246-503-00	CARBON	18K	5%	1/4W
R276	1-247-871-00	CARBON	47K	5%	1/6W
R277	1-247-887-00	CARBON	220K	5%	1/6W
R278	1-247-847-00	CARBON	4.7K	5%	1/6W
R280	1-247-879-00	CARBON	100K	5%	1/6W
R281	1-247-855-00	CARBON	10K	5%	1/6W
R282	1-247-847-00	CARBON	4.7K	5%	1/6W
R283	1-247-887-00	CARBON	220K	5%	1/6W
R284	1-246-529-00	CARBON	220K	5%	1/4W
R285	1-246-490-00	CARBON	5.1K	5%	1/4W
R286	1-247-839-00	CARBON	2.2K	5%	1/6W
R287	1-247-855-00	CARBON	10K	5%	1/6W
R288	1-247-867-00	CARBON	33K	5%	1/6W
R289	1-247-831-00	CARBON	1K	5%	1/6W
R290	1-247-831-00	CARBON	1K	5%	1/6W
R291	1-247-867-00	CARBON	33K	5%	1/6W
R292	1-247-867-00	CARBON	33K	5%	1/6W
R293	1-247-867-00	CARBON	33K	5%	1/6W
RV101	1-228-238-00	RES, ADJ, METAL GLAZE 20K			
RV102	1-226-237-00	RES, ADJ, CARBON 20K			
RV103	1-226-234-00	RES, ADJ, CARBON 2K			
RV104	1-226-234-00	RES, ADJ, CARBON 2K			
RV105	1-226-235-00	RES, ADJ, CARBON 5K			
RV106	1-226-235-00	RES, ADJ, CARBON 5K			
RY201	1-515-495-00	RELAY			
S201	1-553-976-00	SWITCH, PUSH (SPEED)			
S202	1-553-976-00	SWITCH, PUSH (REPEAT)			
S203	1-553-976-00	SWITCH, PUSH (START/STOP)			
S204	1-553-976-00	SWITCH, PUSH (ARM TRANSPORT ◀)			
S205	1-553-976-00	SWITCH, PUSH (ARM TRANSPORT ▶)			
S206	1-553-976-00	SWITCH, PUSH (ARM LIFTER)			
S207	1-554-323-00	SWITCH, (ARM POSITION DET.)			
S901	1-553-331-21	SWITCH, PUSH (POWER)			
S902 ⚠	1-552-515-00	(E) . POWER VOLTAG CHANGE SWITCH			
T901 ⚠	1-447-515-00	(US,Canadian) . . TRANSFORMER, POWER			
T901 ⚠	1-447-516-00	(AEP,UK) . . . . . TRANSFORMER, POWER			
T901 ⚠	1-447-517-21	(E) . . . . . TRANSFORMER, POWER			
X201	1-527-476-00	OSCILLATOR, CERAMIC			

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