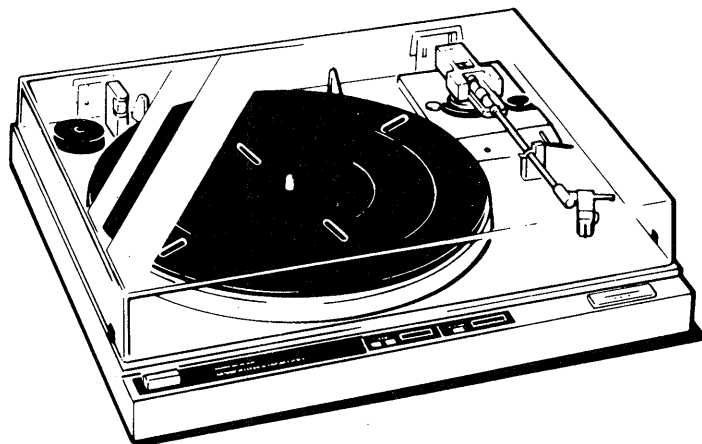


PS-LX430/430C/431/431N/433

SERVICE MANUAL



PS-LX430:
US Model

PS-LX430C:
US Model
Canadian Model

PS-LX431:
AEP Model
UK Model
E Model

PS-LX431N:
US Model

PS-LX433:
US Model

SPECIFICATIONS

Turntable

| | |
|-----------------------|---|
| Platter | 30.0 cm (12 in.), aluminum-alloy diecast |
| Motor | DC servo motor |
| Drive system | Belt drive |
| Control system | DC servo control system |
| Speed | 33 $\frac{1}{3}$ rpm, 45 rpm |
| Start-up time | Comes to nominal speed within $\frac{1}{2}$ rotation (33 $\frac{1}{3}$ rpm) |
| Wow and flutter | 0.045% (WRMS) |
| Signal-to-noise ratio | 70 dB (DIN-B) |
| Automatic system | Lead-in, return, reject, repeat, record size selection |
| Suspension system | High elasticity gel insulator |

Tonearm

PS-LX430/430C/433:

| | |
|------------------------|----------------------------------|
| Type | Statically balanced |
| Pivot-to-stylus length | 216.5 mm (8 $\frac{1}{2}$ in.) |
| Usable cartridge | Plug-in type, 6 g Sony VL-45G |
| Tracking error | +3, -1 |

PS-LX431/431N:

| | |
|------------------------|--------------------------------|
| Type | Dynamically balanced |
| Pivot-to-stylus length | 216.5 mm (8 $\frac{1}{2}$ in.) |
| Overhang | 16.5 mm ($2\frac{2}{32}$ in.) |
| Tracking error | +3, -1 |

Cartridge

PS-LX430C: VL-45G


| | |
|--------------------|--|
| Type | Moving magnet type |
| Frequency response | 20 Hz to 20 kHz |
| Channel separation | 20 dB at 1 kHz |
| Output voltage | 3.5 mV at 1 kHz, 5 cm/sec. |
| Load impedance | 50 to 100 kilohms |
| Tracking force | 1.25 g |
| Stylus | Sony ND-145G (conical 0.6 mil diamond) |
| Weight | 6 g |
| PS-LX430/LX433 | Not supplied |

PS-LX431: VL-42G


| | |
|--------------------|---|
| Type | Moving magnet type |
| Frequency response | 20 Hz to 20 kHz |
| Channel separation | 16 dB at 1 kHz |
| Output voltage | 2.5 mV at 1 kHz, 5 cm/sec. |
| Load impedance | 50 to 100 kilohms |
| Tracking force | 2 g |
| Stylus | Sony ND-142G (conical 0.6 mil diamond) |
| Weight | 8 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.

STEREO TURNTABLE SYSTEM

SONY®

AUD

PS-LX430/430C/431/431N/433

General

Power requirements US, Canadian model: 120 V ac, 60 Hz
AEP model: 220 V ac, 50/60 Hz
UK model: 240 V ac, 50/60 Hz

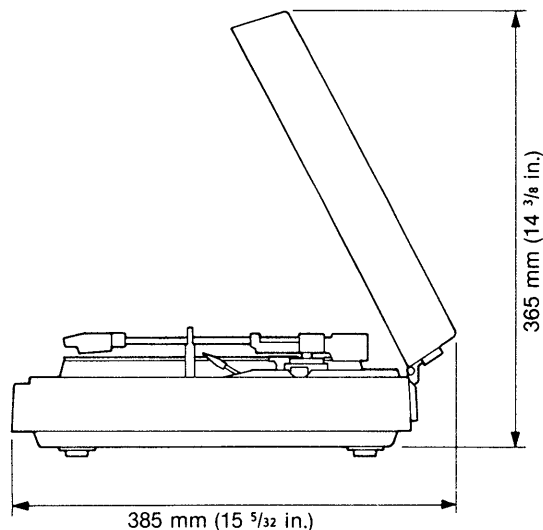
Power consumption 7 W

Dimensions **PS-LX430/430C/431/433:**
Approx. 430 x 100 x 360 mm (w/h/d)
(17 x 4 x 14¼ inches)
incl. projecting parts and controls

PS-LX431N:
Approx. 430 x 110 x 360 mm (w/h/d)
(17 x 4 ⅜ x 14 in.)
including projecting parts and controls

Weight **PS-LX430/430C/431/433:**
Approx. 3.5 kg (7 lbs 12 oz), net
Approx. 4.5 kg (9 lbs 10 oz), in shipping carton

PS-LX431N:
Approx. 2.9 kg (6 lb 7 oz) net

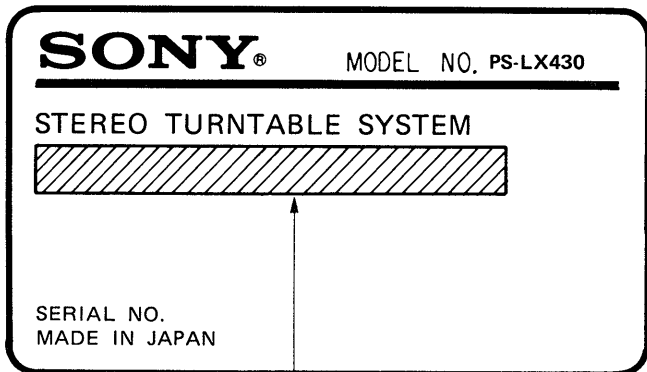


(PS-LX431N: Dust cover is not supplied)

MODEL IDENTIFICATION

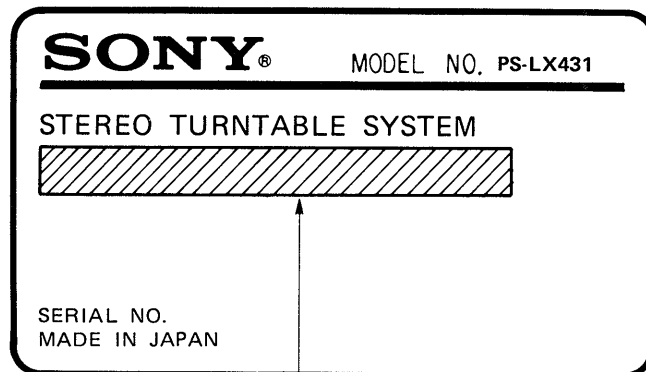
— Specification Label —

PS-LX430, PS-LX430C, PS-LX433



US, Canadian model: AC: 120V – 60 Hz 7W

PS-LX431, PS-LX431N



US model: AC: 120V – 60 Hz 7W
AEP, UK model: AC: 220V – 50/60 Hz 7W
E model: AC: 110 – 220V, 220 – 240V 50/60 Hz 7W,

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 2 V AC range are suitable. (See Fig. A)

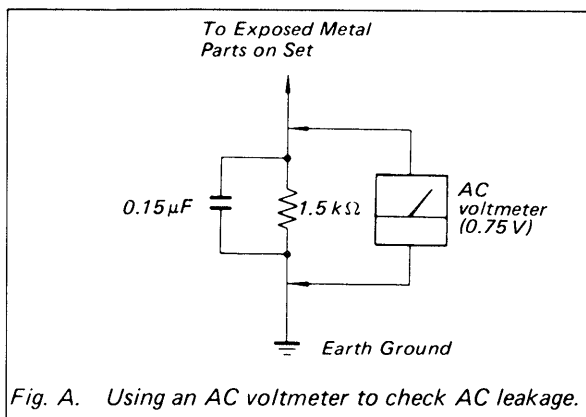
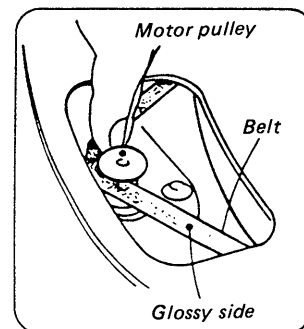


Fig. A. Using an AC voltmeter to check AC leakage.

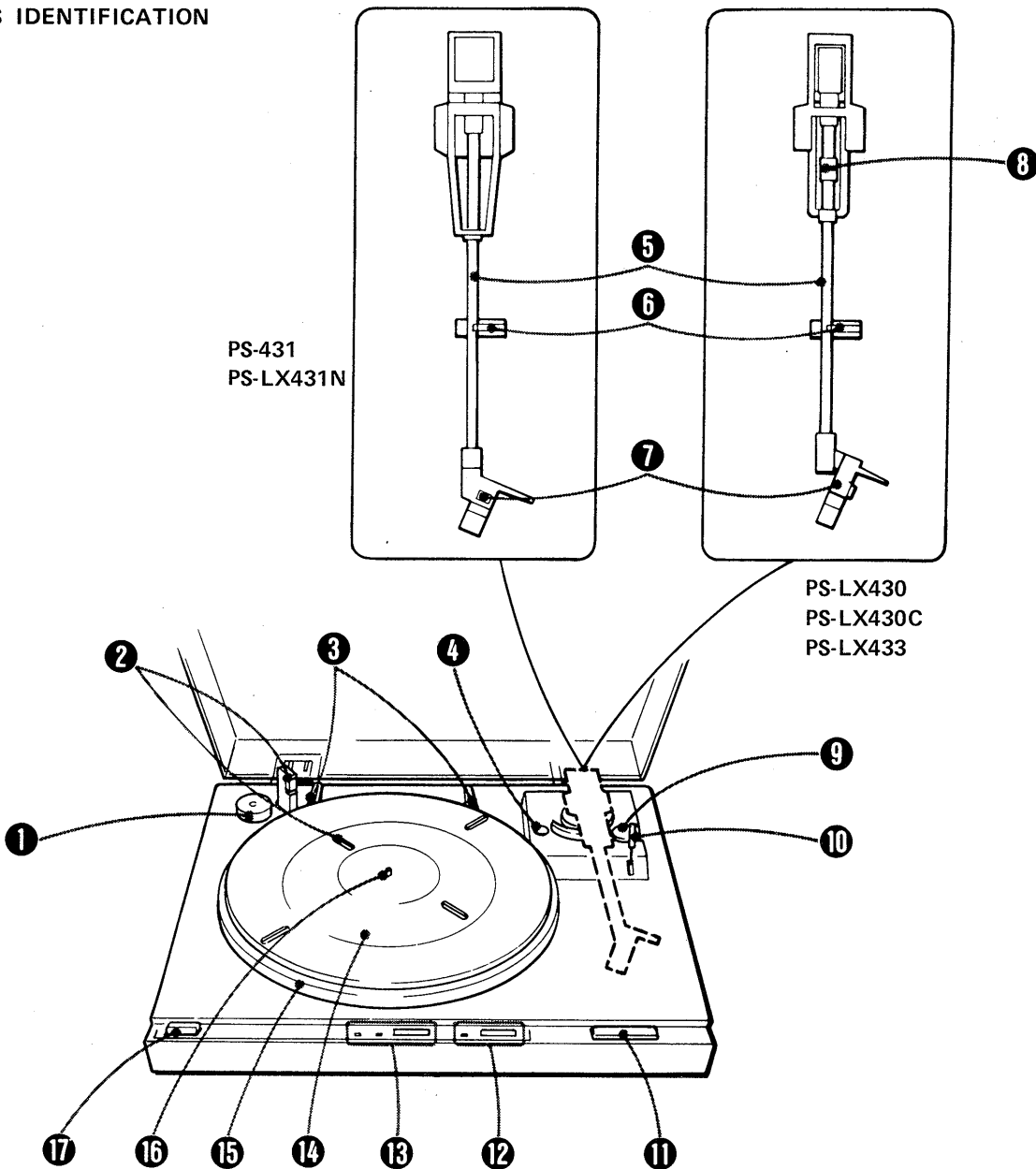
CAUTION ON INSTALLING BELT

When installing belt, glossy should be faced outside.



SECTION 1
OUTLINE

1-1. PARTS IDENTIFICATION



① 45-rpm adaptor

② Auto-record-size selection holes and lamp

③ Disc centering guides

④ Drop point adjustment hole

⑤ Tonearm

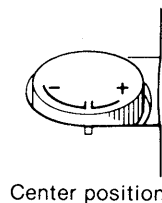
⑥ Arm rest

⑦ Cartridge (not supplied with US, Canadian certain models of PS-LX430/LX433)

⑧ Sub-weight

⑨ ANTI-SKATING compensator

Normally, set it at the center position. If the stylus is driven inward when the tone arm is lowered to the lead-in groove, turn the ANTI-SKATING compensator to ⊕. If the stylus is driven outward, turn the ANTI-SKATING compensator to ⊖.



10 ∇/∇ (cueing) lever

Used to lift or lower the tonearm.

11 START/STOP button

12 REPEAT button and indicator

13 SPEED selector and indicators

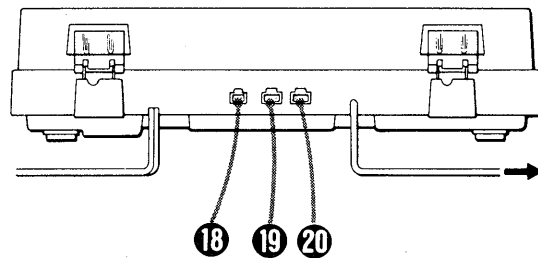
Set the SPEED selector according to the speed of the record to be played. For 45-rpm records, depress the selector when a 45 rpm record is to be played. For a 33 $\frac{1}{3}$ records, press it again.

14 Rubber mat

15 Turntable platter

16 Center spindle

17 POWER switch



18 SYNC connector

Connect to the SYNC connector of the optional Sony tape deck equipped with a 3-pin flat connector.

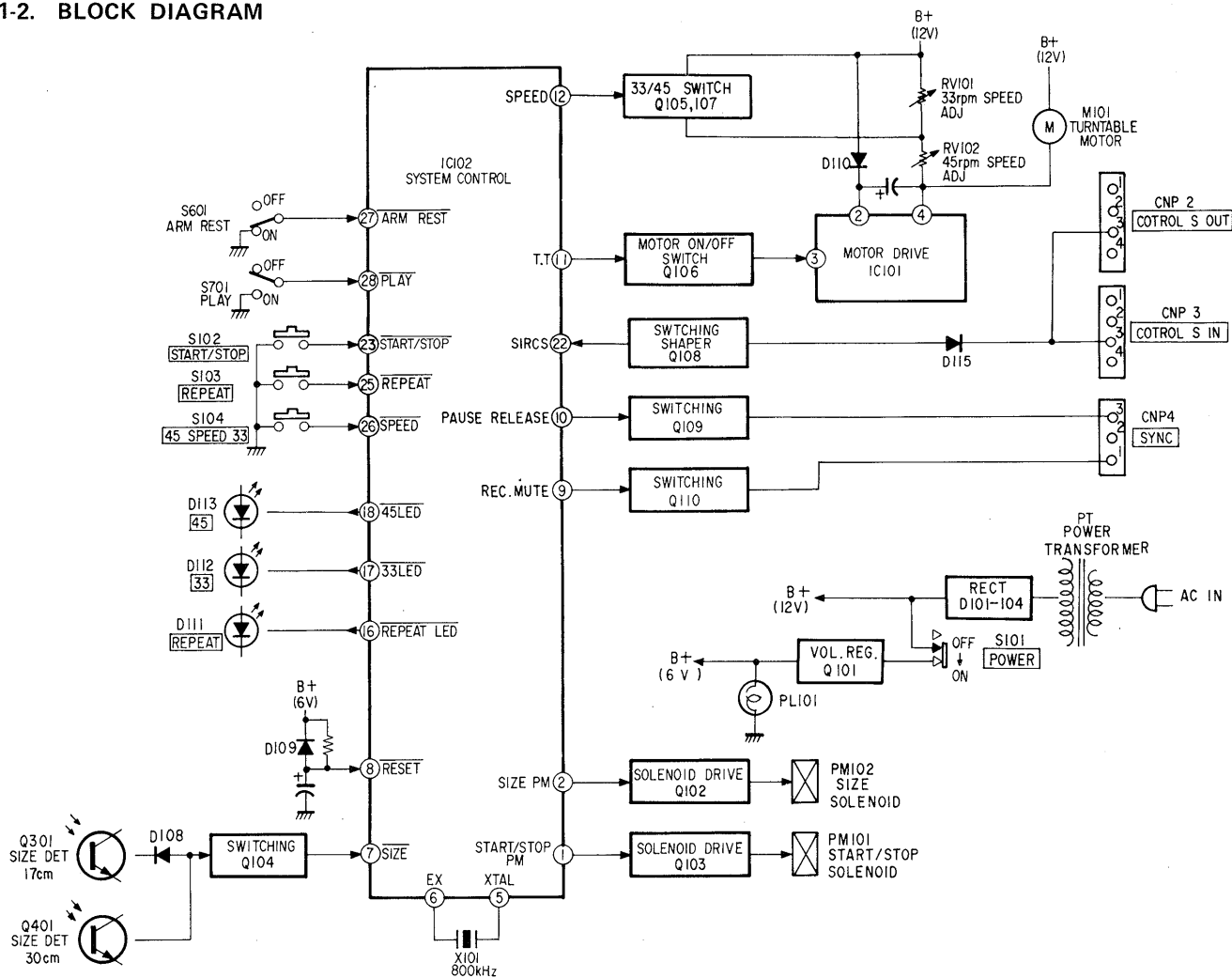
19 CONTROL S IN connector

Connect to the CONTROL S OUT or \square REMOTE OUT connector of an optional Sony system control tuner or receiver for whole audio system remote control.

20 CONTROL S OUT connector

Connect to the CONTROL S IN or \square REMOTE OUT connector of Sony audio equipment equipped with a 4-pin remote control connector for remote control operation.

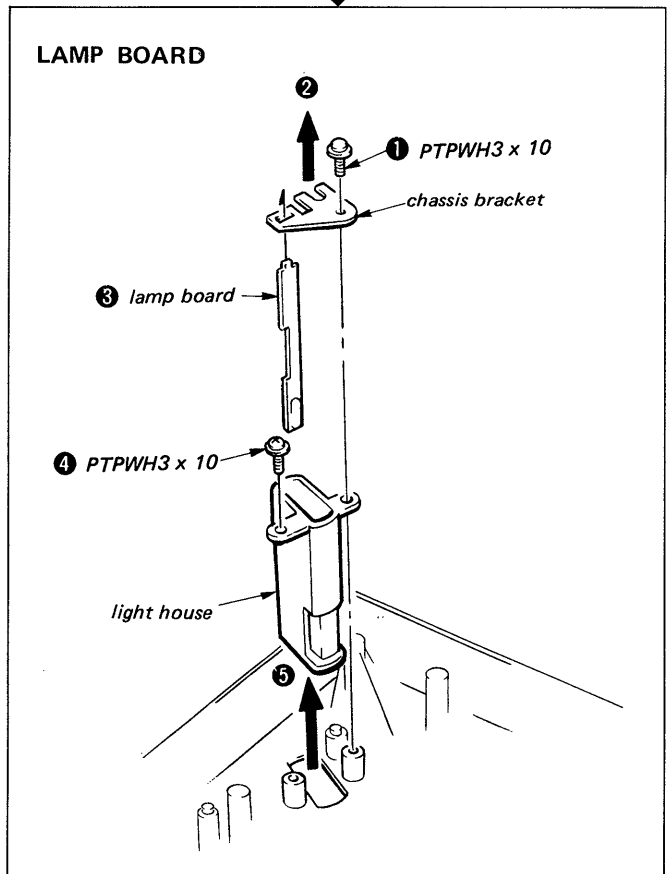
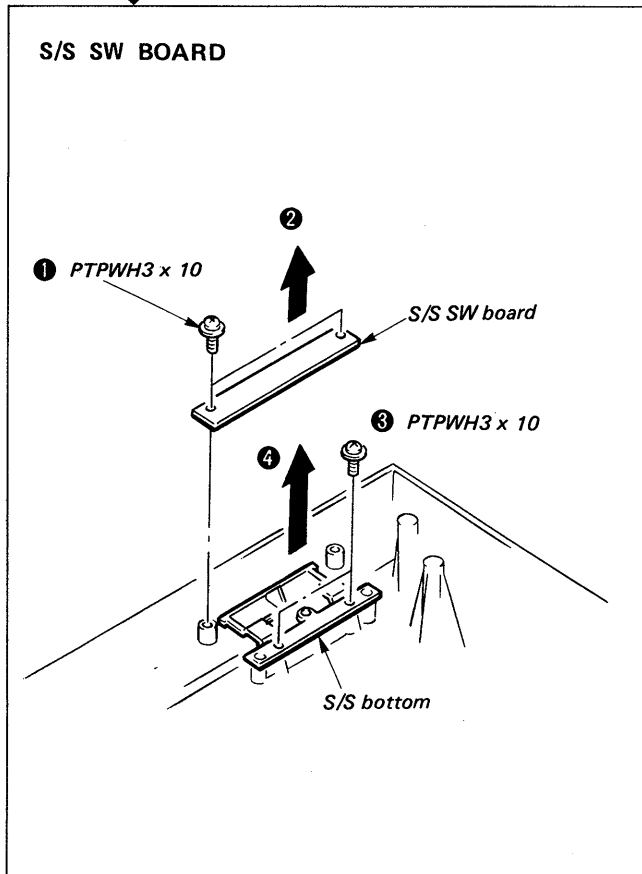
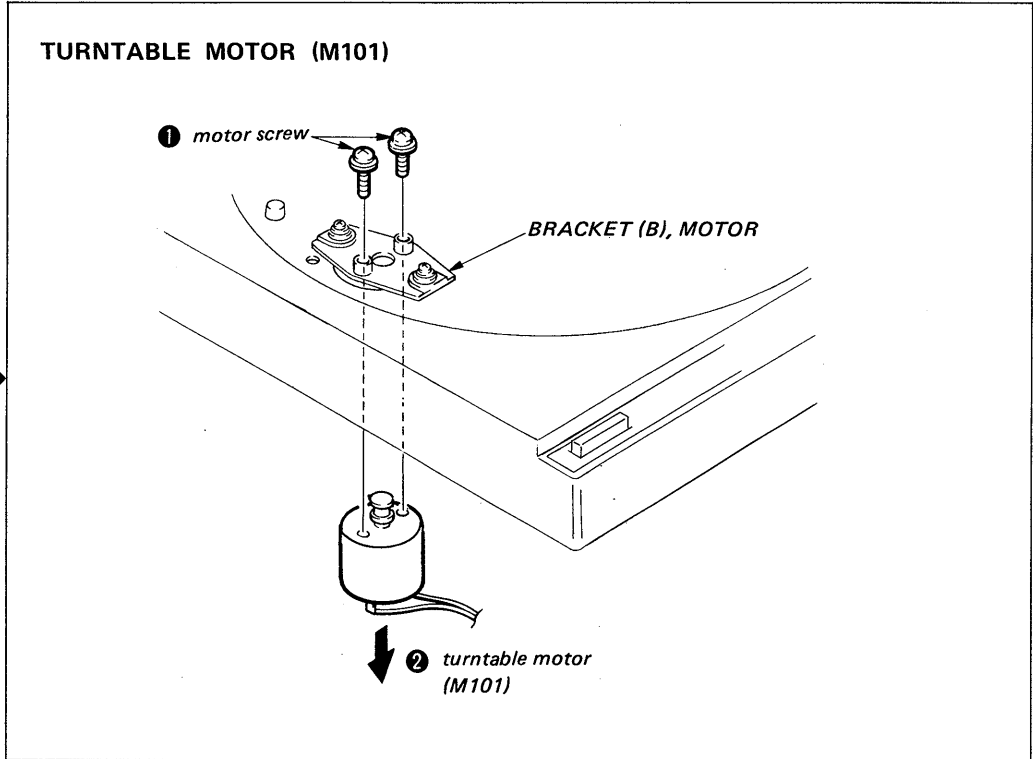
1-2. BLOCK DIAGRAM



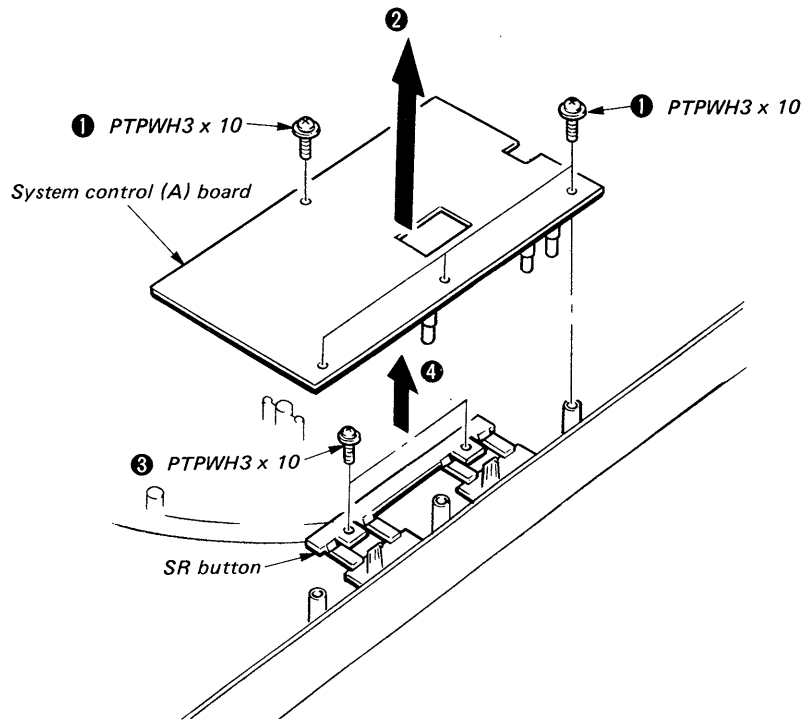
2-1. REMOVAL

- Follow the disassembly procedure in the numerical order given.

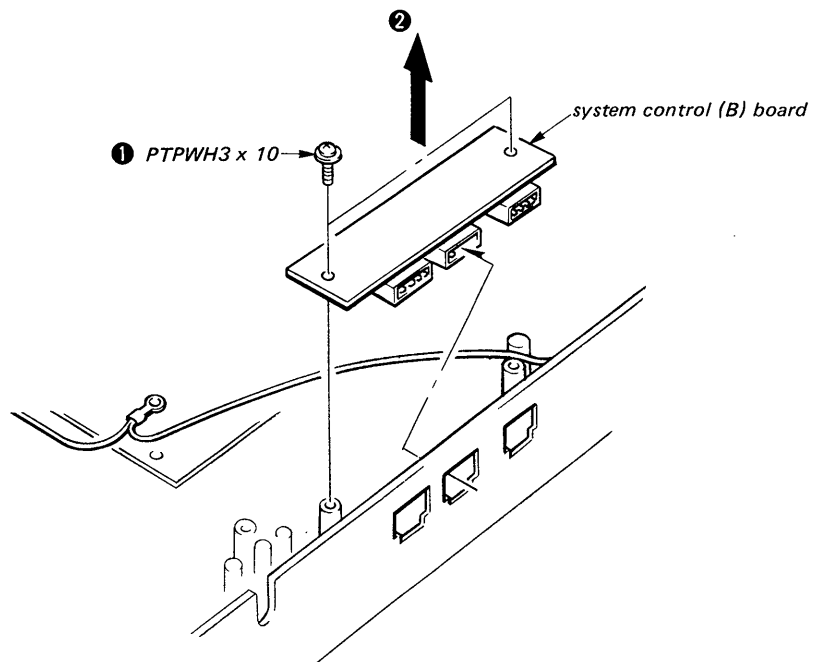
Remove bottom plate.
(PTPWH 3 x 12 9 pcs)



SYSTEM CONTROL (A) BOARD

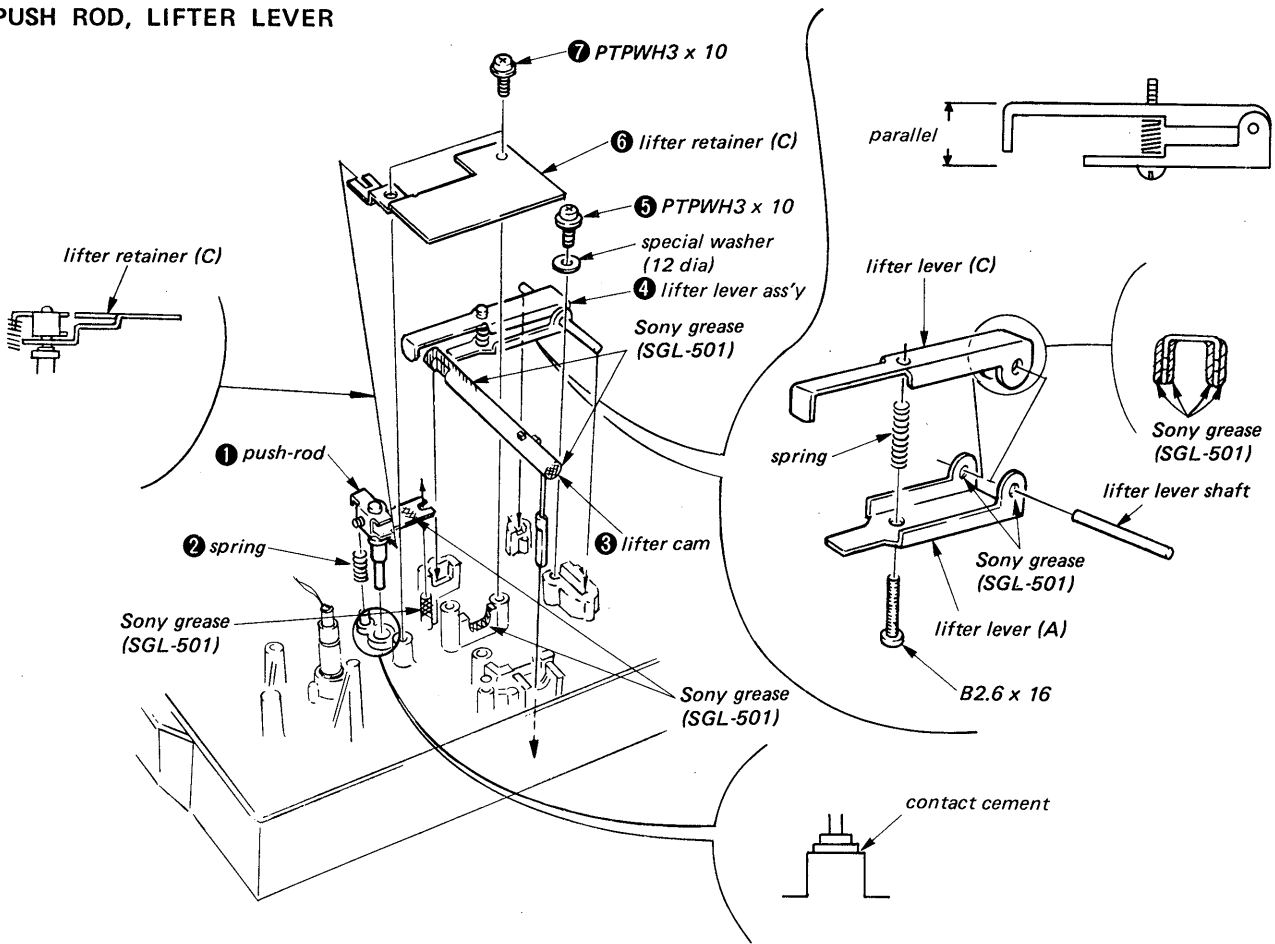


SYSTEM CONTROL (B) BOARD



2-2. INSTALLATION

PUSH ROD, LIFTER LEVER

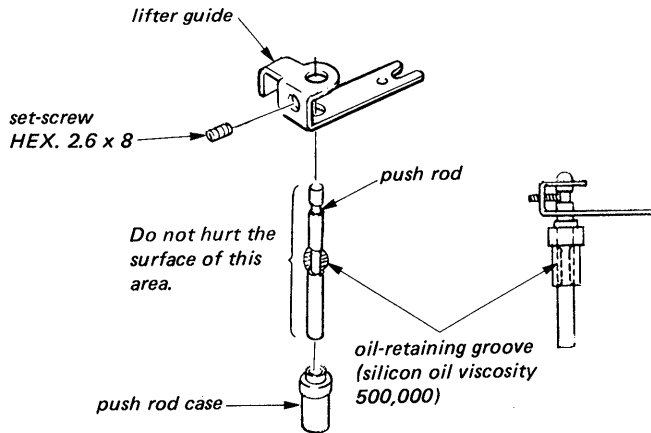


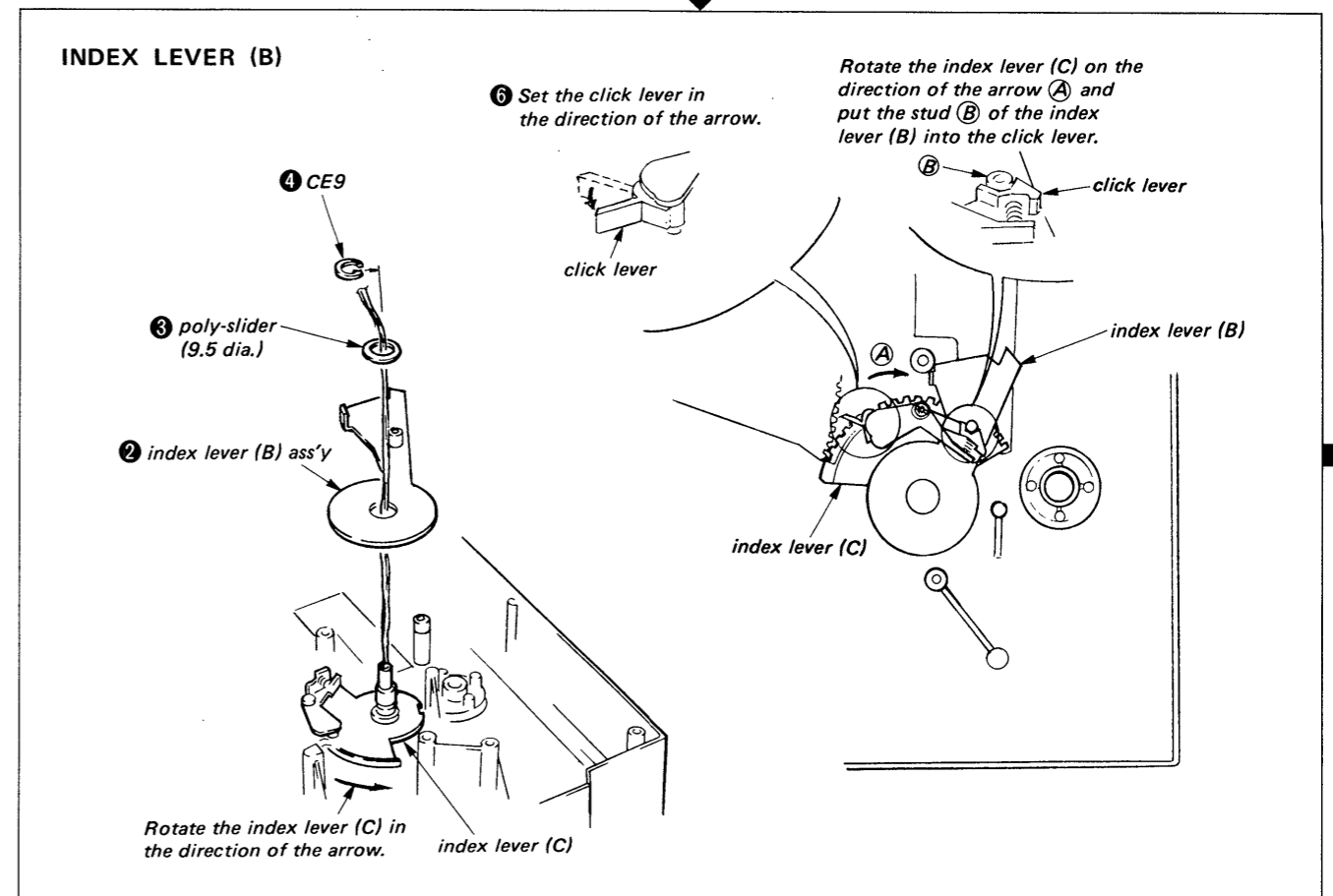
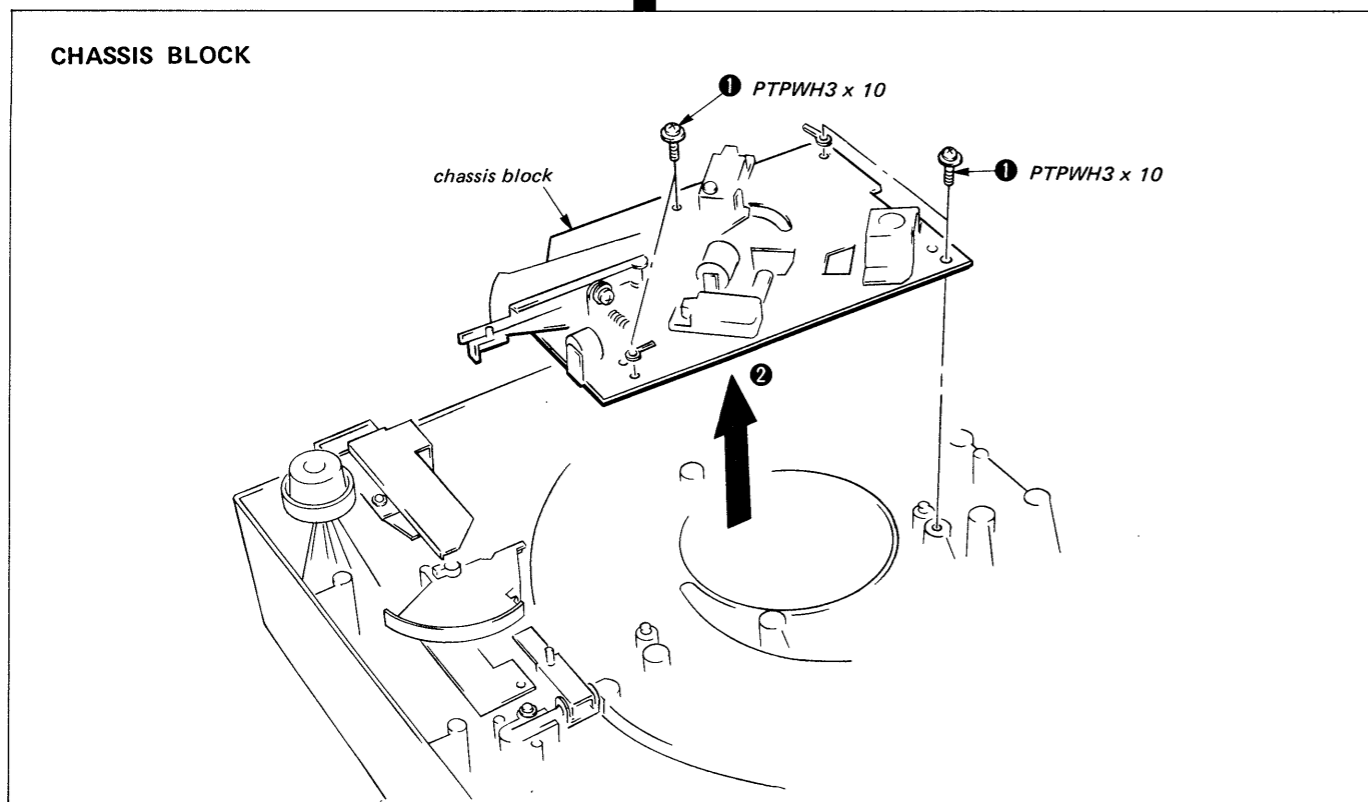
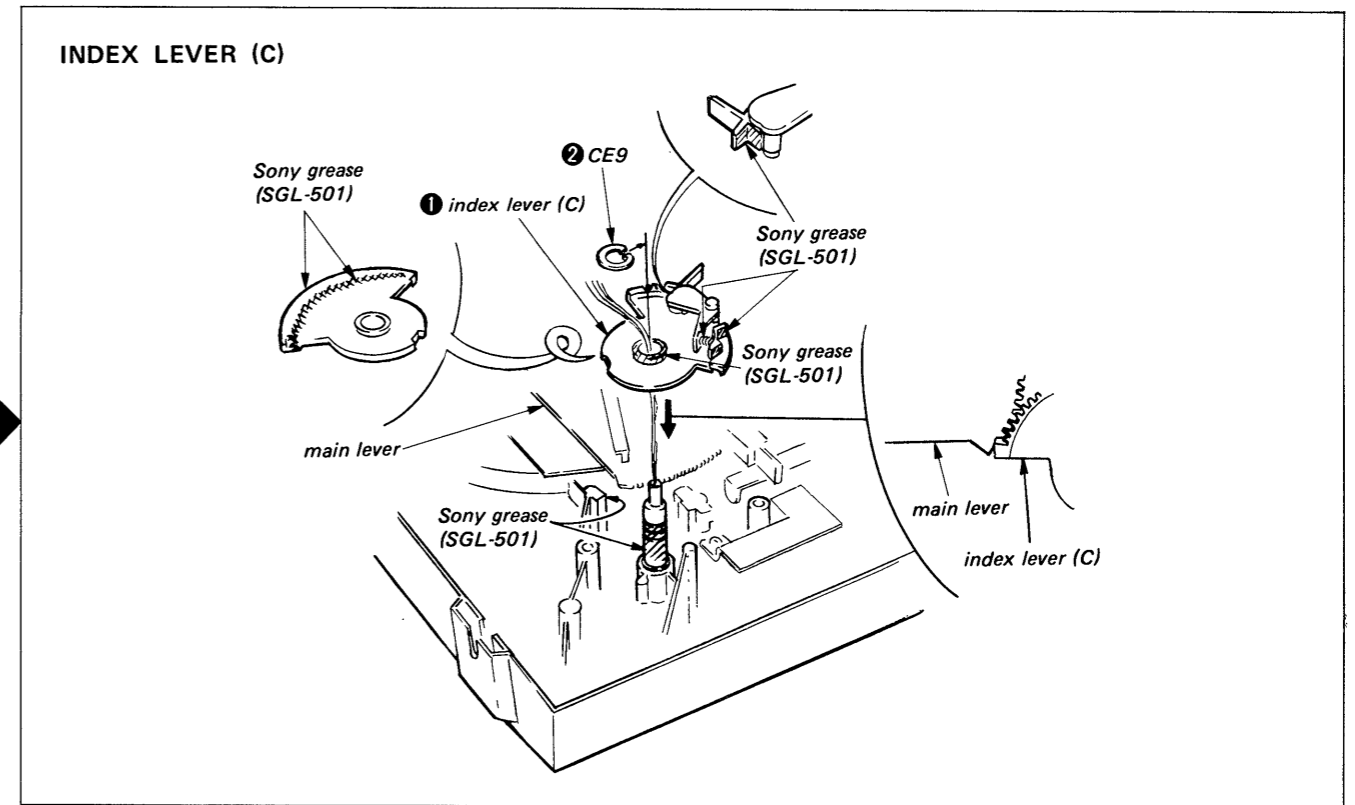
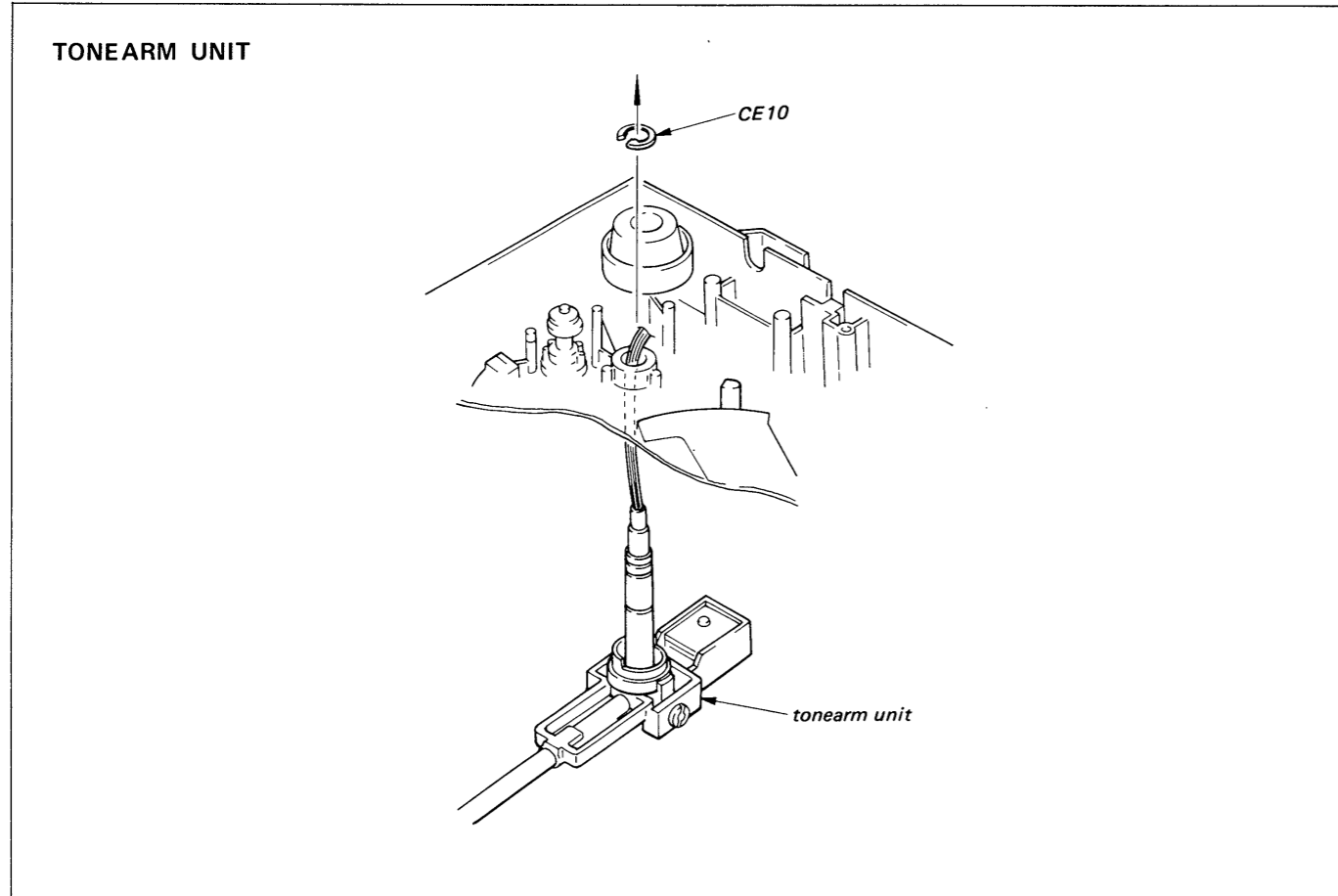
Caution for installation:

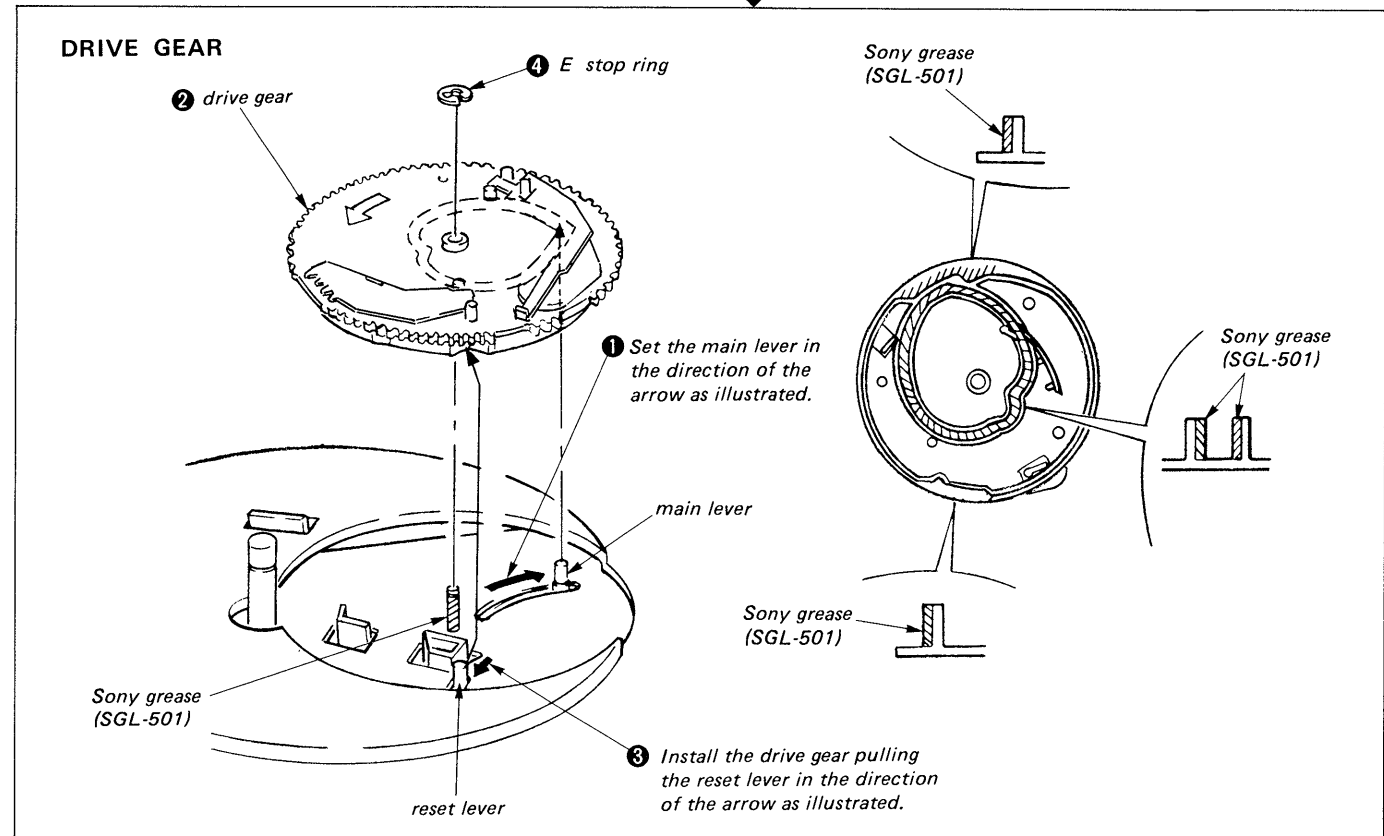
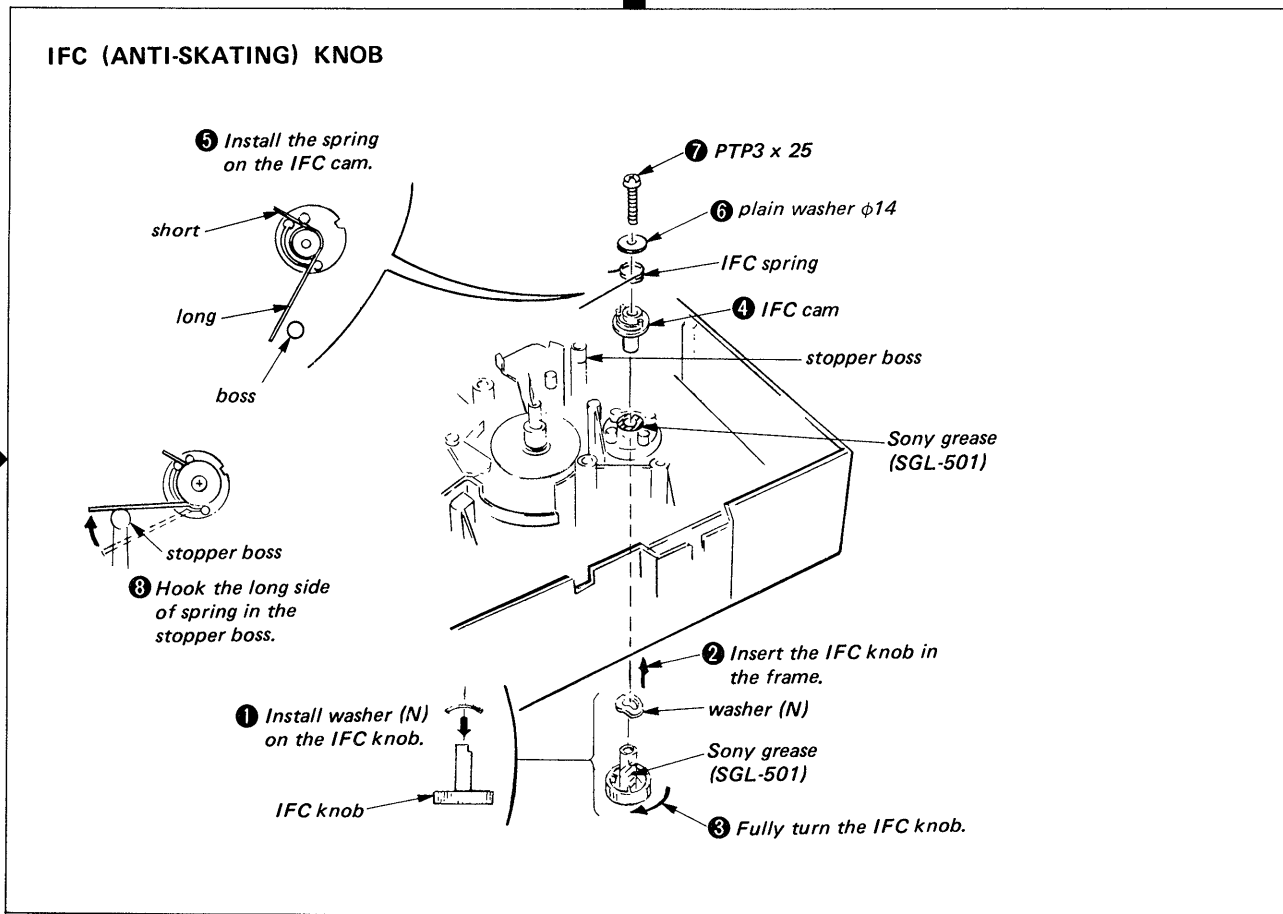
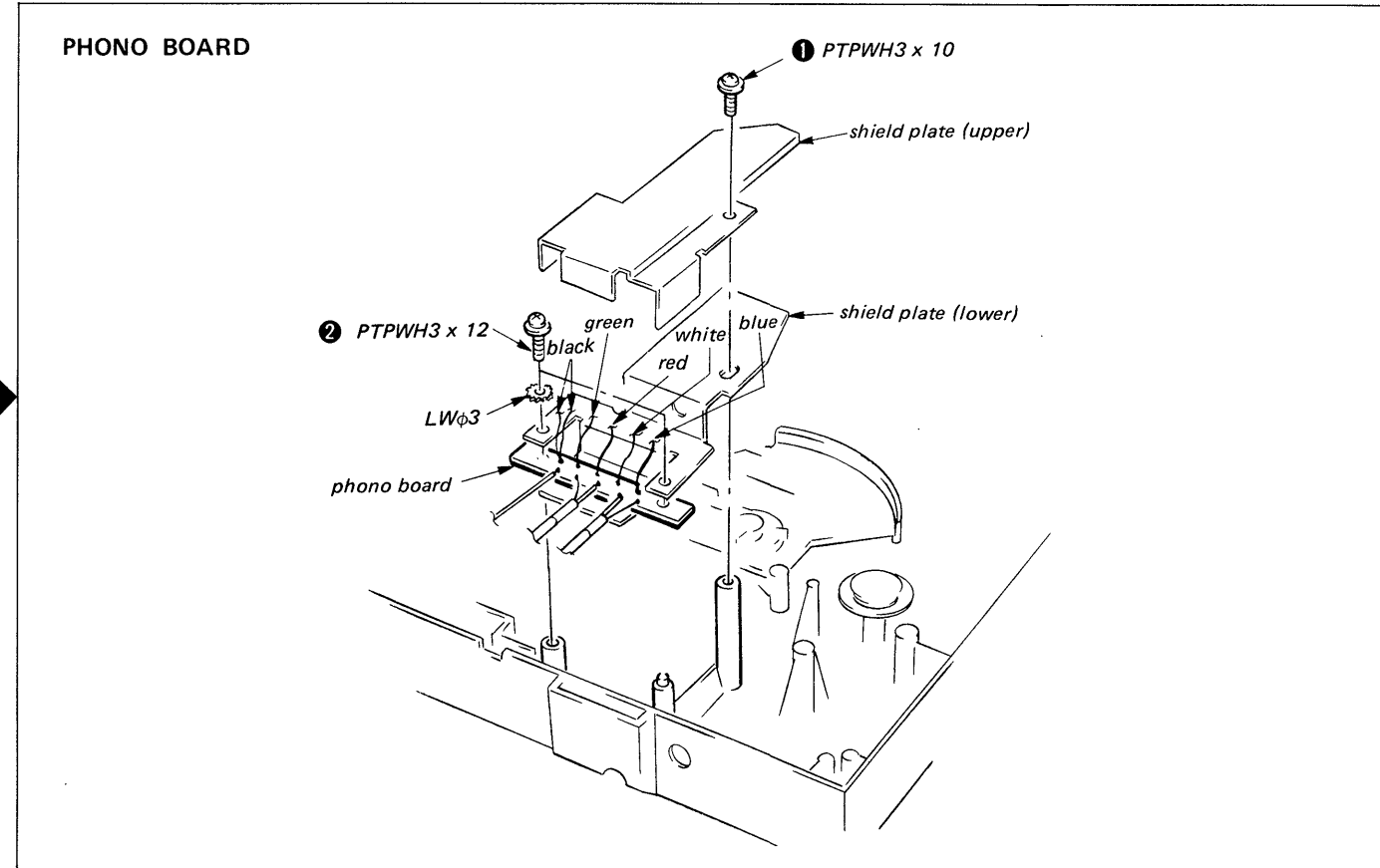
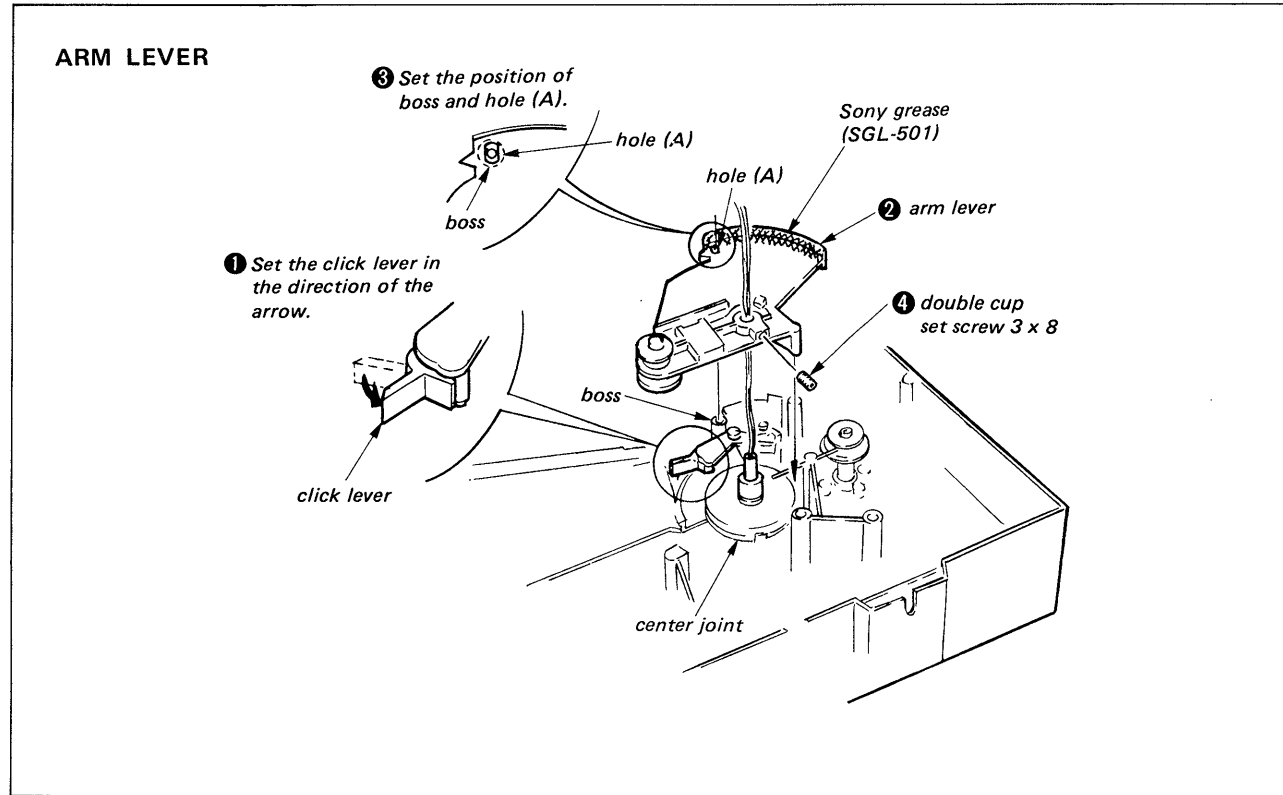
When the push rod is replaced, apply silicon oil (viscosity: 500,000 cs) to the push rod as illustrated below.

Caution:

When lubricating, rotate and move the push rod up and down a few times.



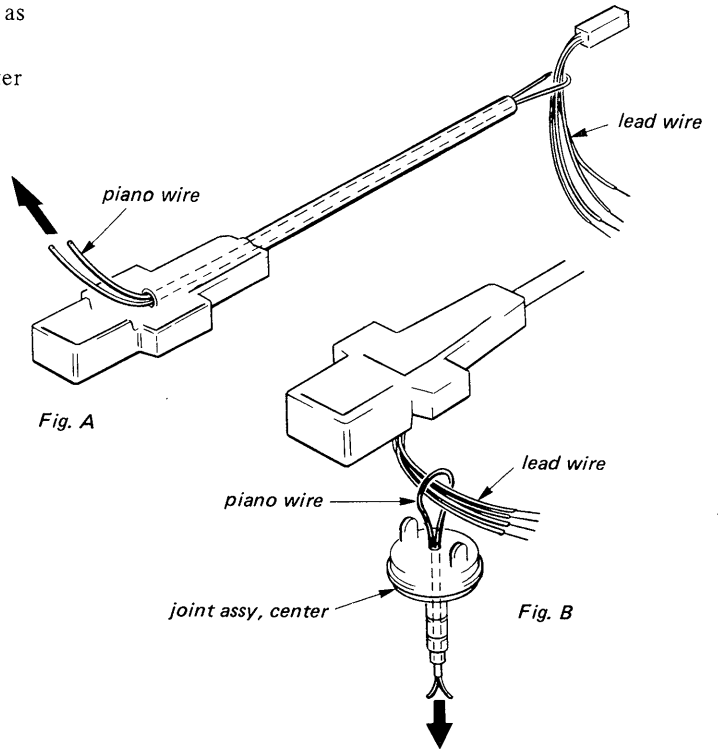




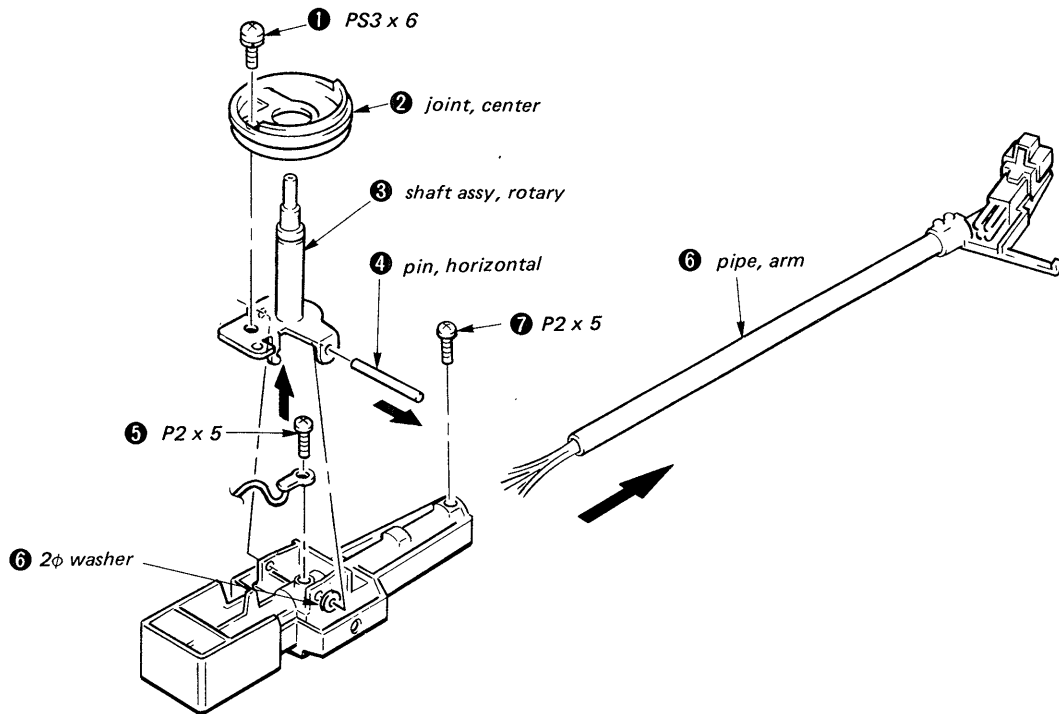
TONEARM (PS-LX431)

1. LEAD WIRE INSTALLATION

- 1-1. Pass piano wire with lead wires through pipe as shown in Fig. A.
- 1-2. Pass piano wire with lead wires through center joint assy as shown in Fig. B.



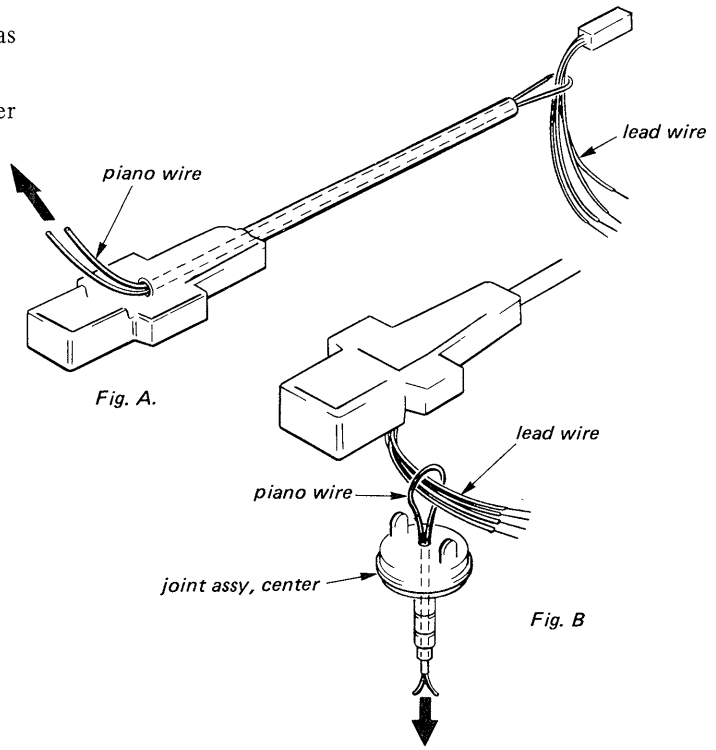
2. ARM PIPE REMOVAL



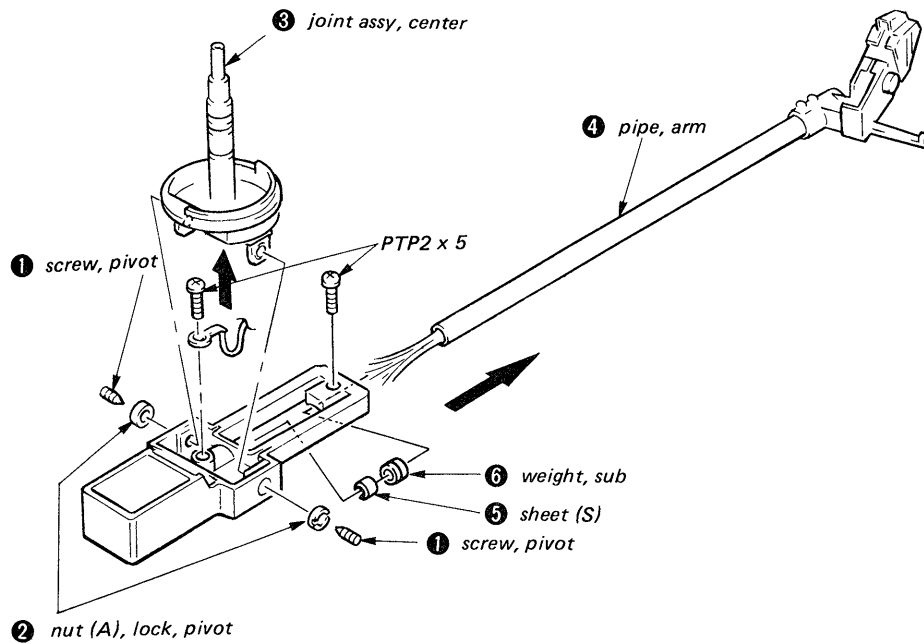
TO NEARM (PS-LX430, 433)

1. LEAD WIRE INSTALLATION

- 1-1. Pass piano wire with lead wires through pipe as shown in Fig. A.
- 1-2. Pass piano wire with lead wires through center joint assy as shown in Fig. B.



2. ARM PIPE REMOVAL



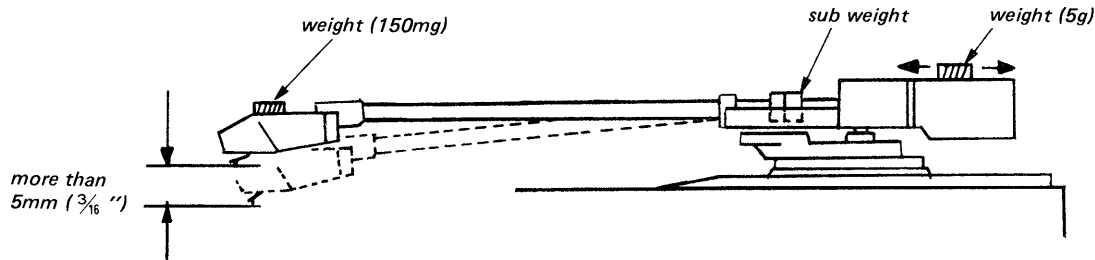
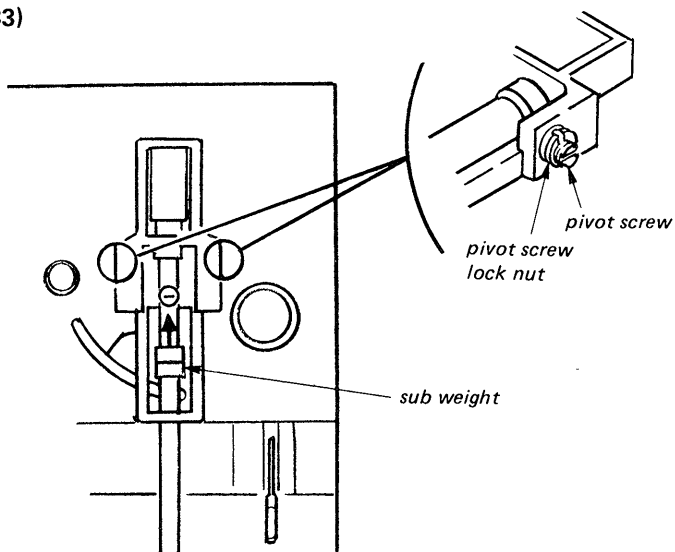
SECTION 3 ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

Longitudinal Sensitivity Adjustment (PS-LX430/430C/433)

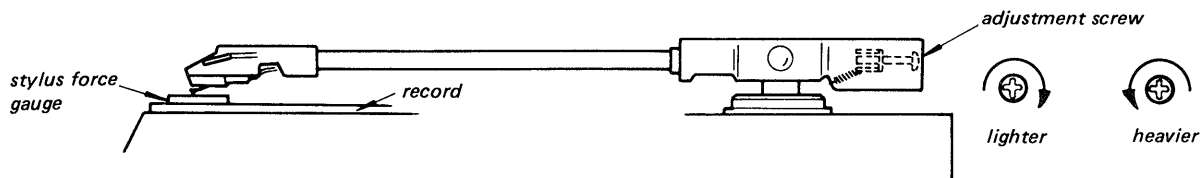
1. Install the cartridge and slide the sub weight at \ominus side.
2. Place a weight of about 5g on the pipe joint.
3. Adjust the weight position so that the arm is balanced.
4. Place a weight of about 150mg on the cartridge (right over the stylus).
5. Adjust the pivot screw so that the stylus tip goes down 5mm or more.

Note: If the pivot screw is secured excessively, the pivot bearing may be damaged.



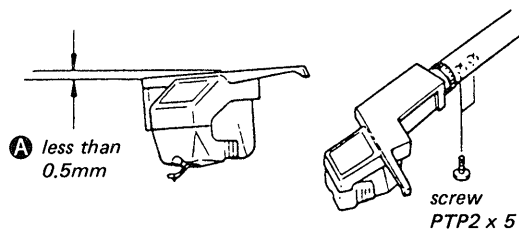
Stylus Force Adjustment (PS-LX431)

1. Turn the adjustment screw to obtain zero balance.
2. Turn the adjustment screw again so that the stylus force becomes 2g on the stylus force gauge.



Shell's Horizontal Balance Adjustment

Loosen the neck cylinder screw and adjust so that section **A** (shell slant) is less than 0.5mm.

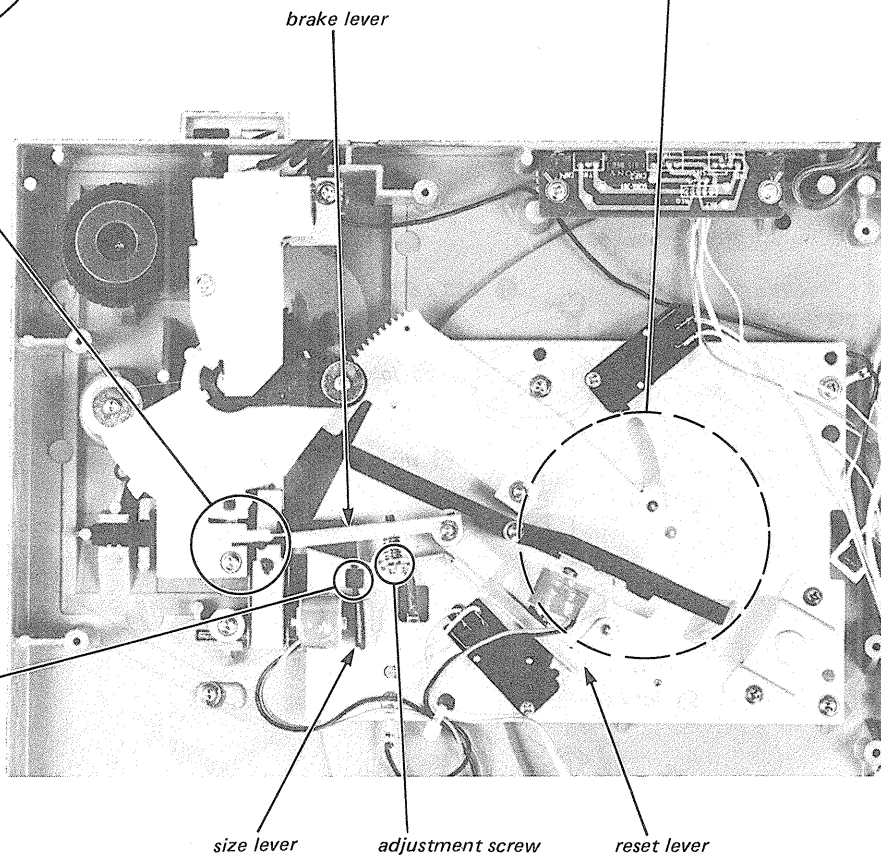
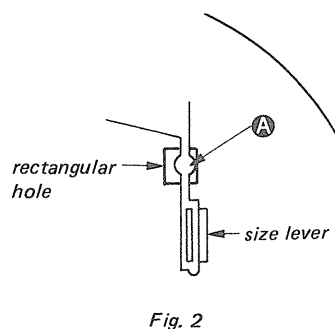
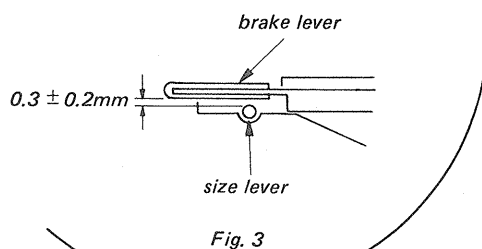
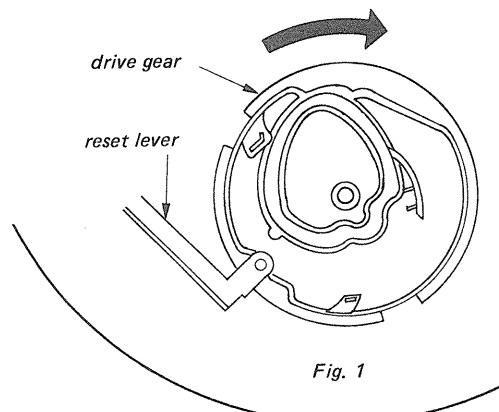


Brake Lever Position Adjustment

1. Rotate the drive gear in the direction of the arrow by hand, and set the reset lever for reset position (shown the Fig. 1).

Then, confirm that the size lever is contact with chassis lightly (shown in the Fig. 2, **A**).

2. Adjust the adjustment screw so that a gap becomes in $0.3 \pm 0.2\text{mm}$ (shown in the Fig. 3).
3. After the adjustment, lock the adjustment screw with locking compound.



Stylus Height Adjustment

Note: Perform both adjustment for manual and automatic operations.

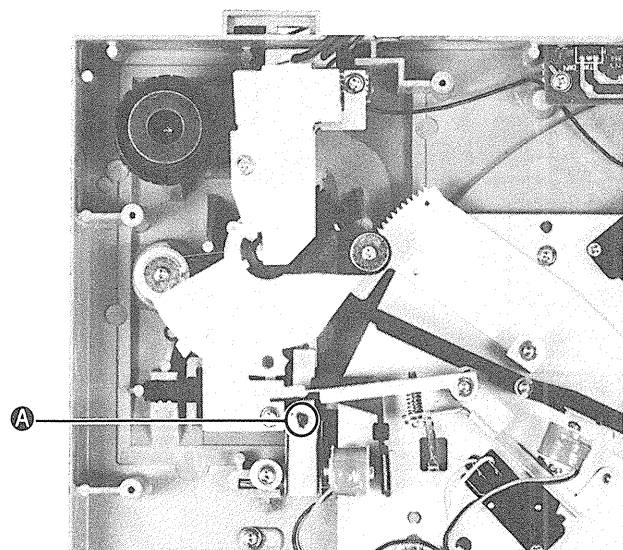
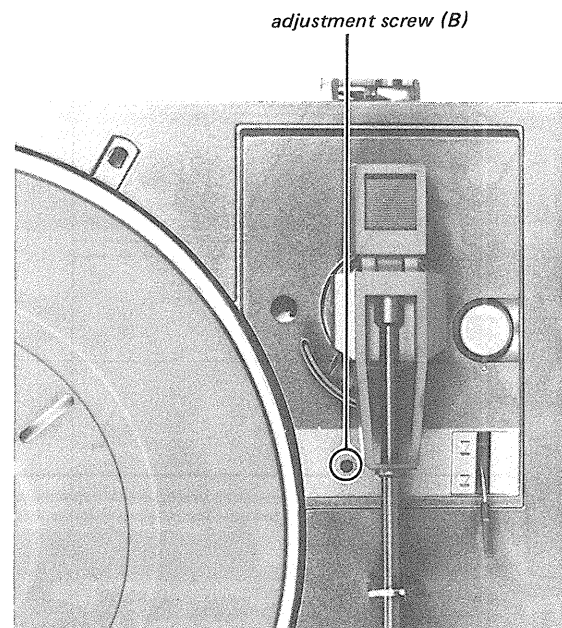
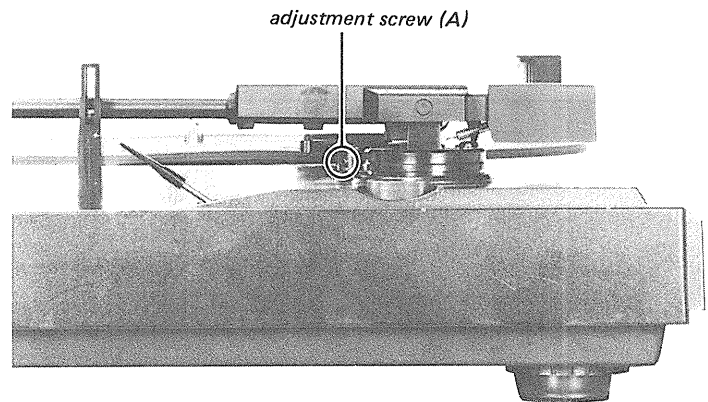
1. Automatic

- 1) Put a test record on the mat.
- 2) Depress the lifter lever to make a lifterdown mode.
- 3) Move the tonearm to out of groove at record by hand.
- 4) Rotate the turntable by hand and at make tonearm lead-in.
- 5) Move the tonearm to out of groove of record by hand again.
- 6) Rotate the turntable by hand and make the tonearm.
- 7) Then, loosen the adjustment screw (A) and adjust the height of the tonearm lifter so that the stylus height becomes in 4 – 8mm.
- 8) Rotate the turntable by hand slowly and move the tonearm to the most outer groove of record.
- 9) Confirm that stylus height becomes in 4–8mm.

2. Manual

- 1) Put a test record on the mat.
- 2) Move the tonearm to out of groove of record by hand.
- 3) Rotate the turntable by hand and make the tonearm lead-in.
- 4) Raise the lifter lever to make a lifter-up mode.
- 5) Move the tonearm until most outer groove of record by hand.
- 6) Adjust the adjustment screw (B) so that the stylus height becomes in 4–8mm.
- 7) Move the tonearm to the out of groove of record by hand.
Confirm that stylus height becomes in 4–8mm.
- 8) Rotate the turntable by hand and return the tonearm to arm rest.
- 9) After the adjustment, lock the portion (A) with suitable locking compound.

- Note:**
- Stylus height difference should be within 2mm, between automatic and manual operation. When the arm returns.
 - The tonearm should be not contact with the top part of the rest when the tonearm returns.

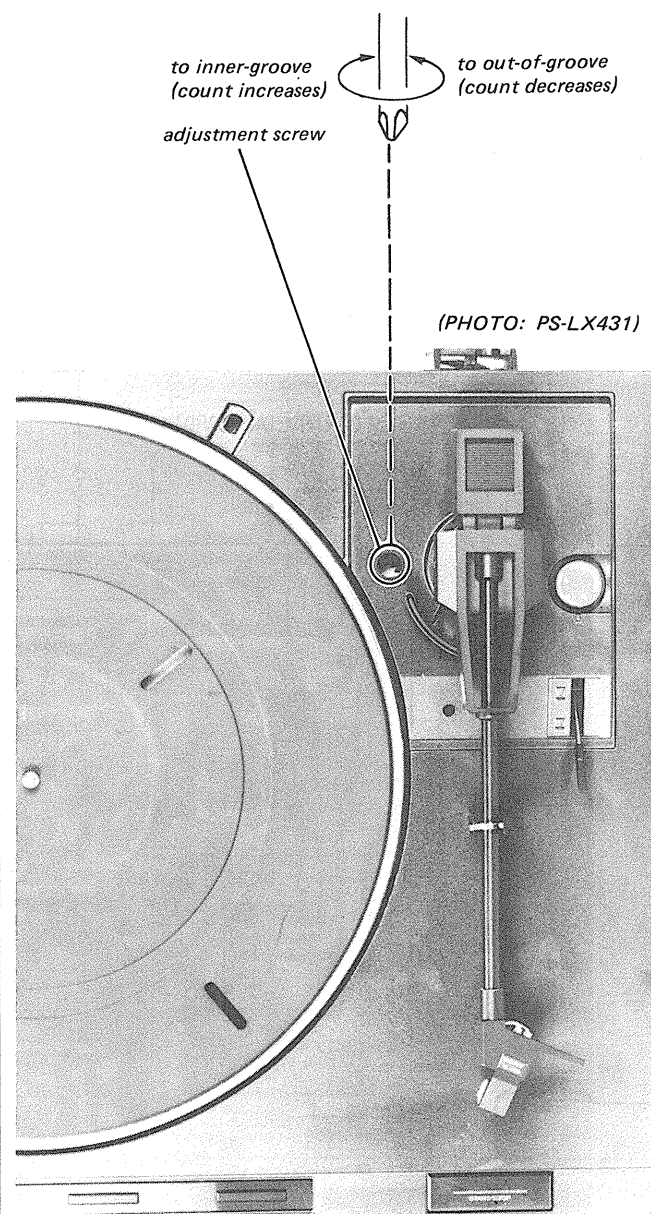


Stylus Drop-point Adjustment

Note: Stylus force adjustment should be completed.

1. Put a test record YFSC-16 on the mat.
2. Set the SPEED switch to 33.
3. Press the START/STOP button.
4. By using a screwdriver, turn the adjustment screw so that the stylus tip drops on the record at the 4-16 counts position.

Note: The proper adjustment for a 30cm record is also correct for a 17cm record.

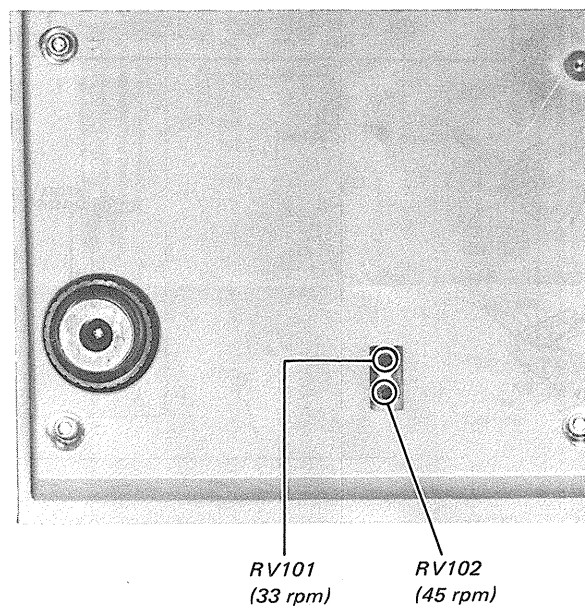


3-2. ELECTRICAL ADJUSTMENT

Speed Adjustment

Note: Be sure to perform 45rpm adjustment before 33rpm.

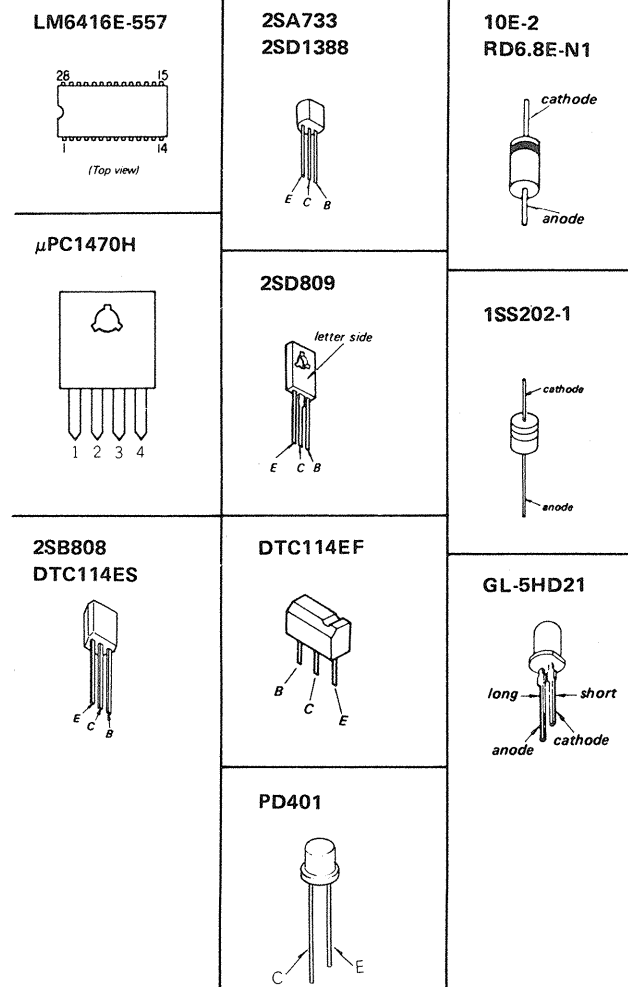
1. Put a stroboscope board on the mat.
2. Set the SPEED switch to 45.
Press the START/STOP button.
Adjust RV102 so that the stripped pattern of stroboscope board is stationary.
3. Set the SPEED switch to 33.
Adjust RV101 in the same way.



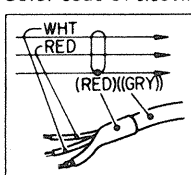
4-1. MOUNTING DIAGRAM

— Conductor Side —

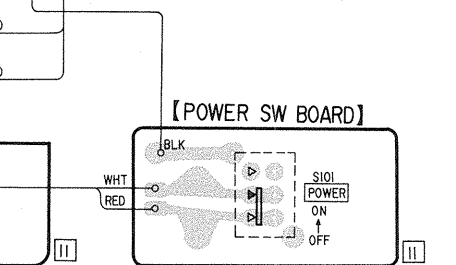
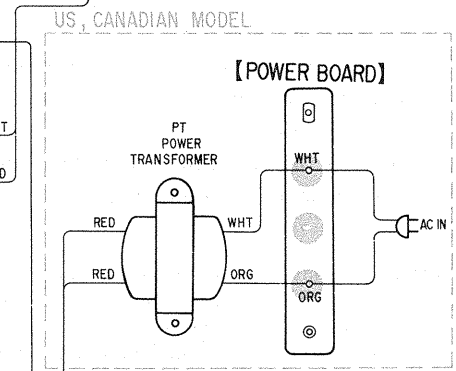
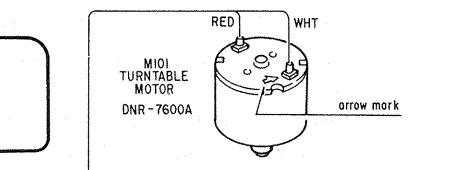
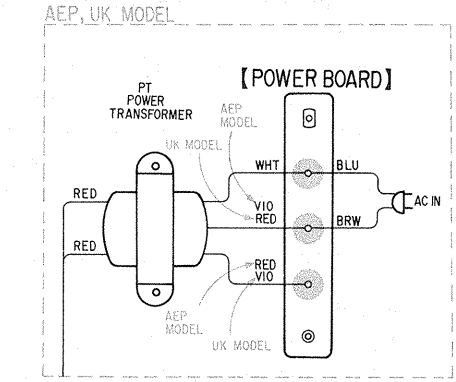
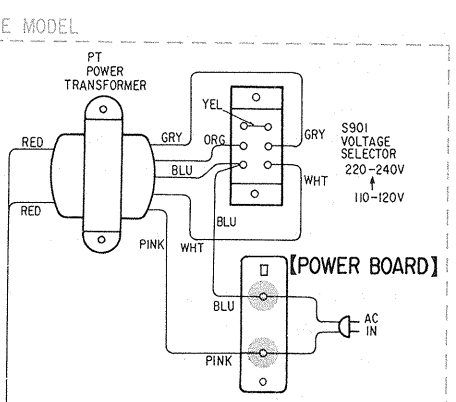
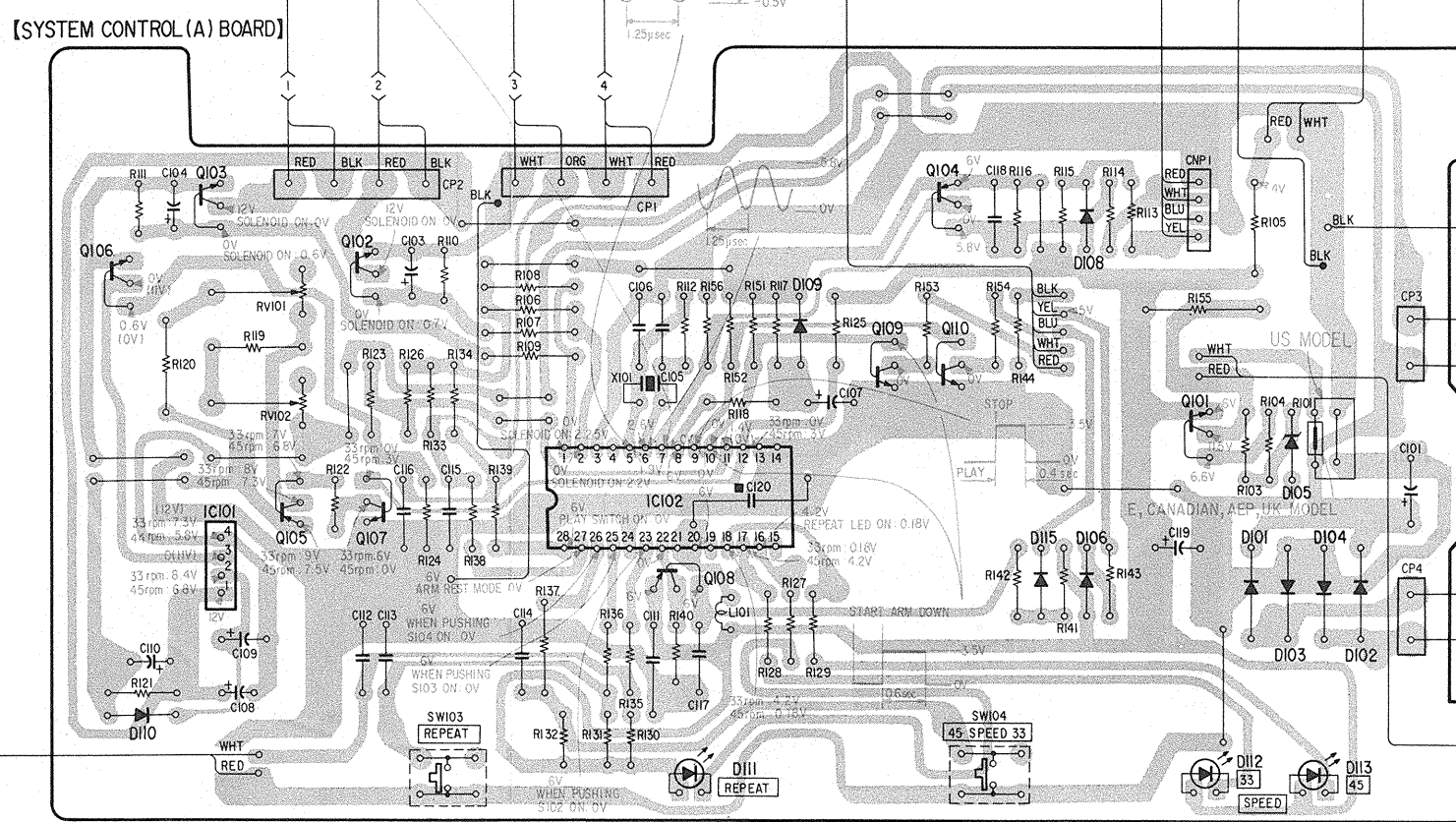
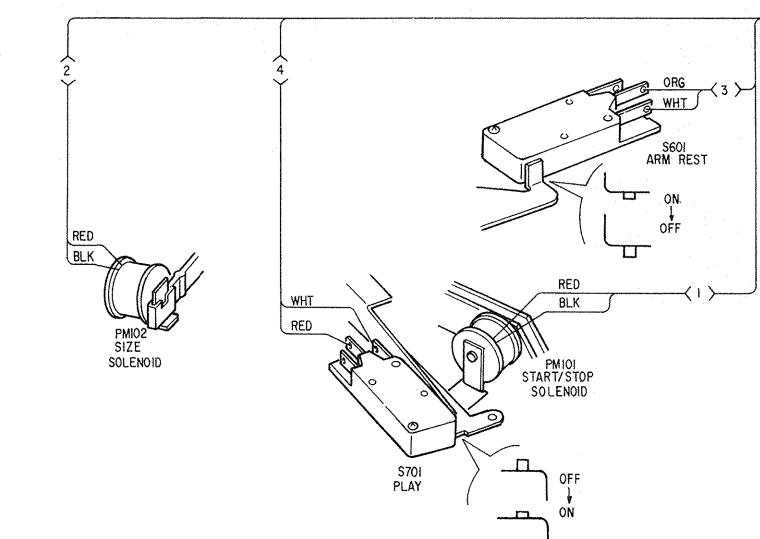
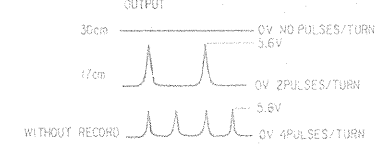
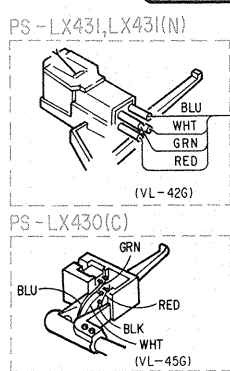
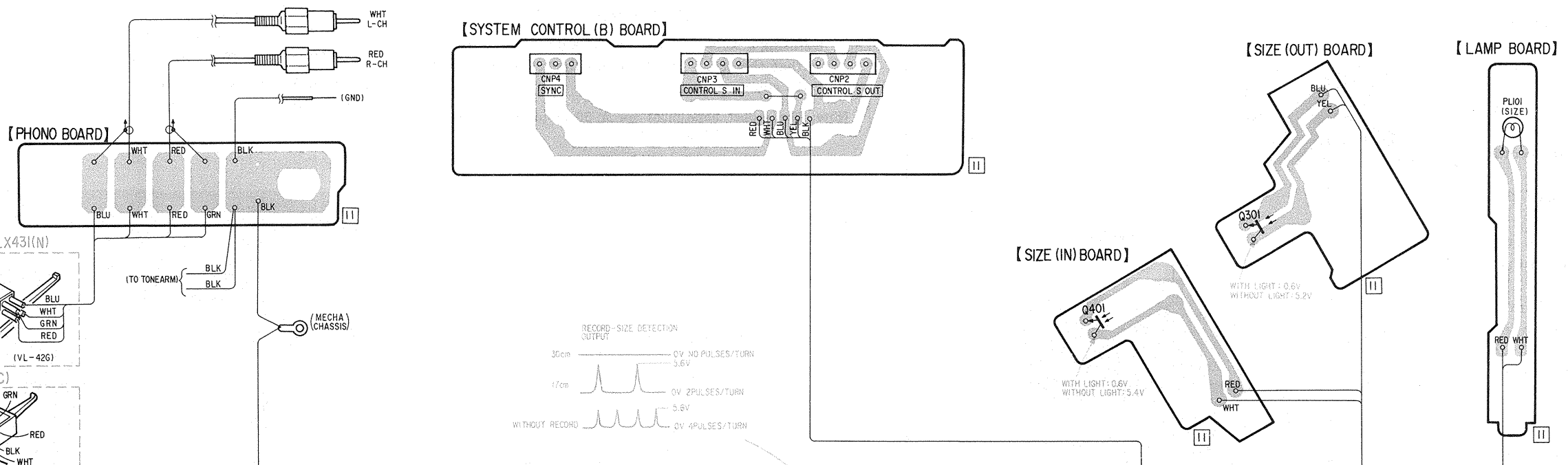
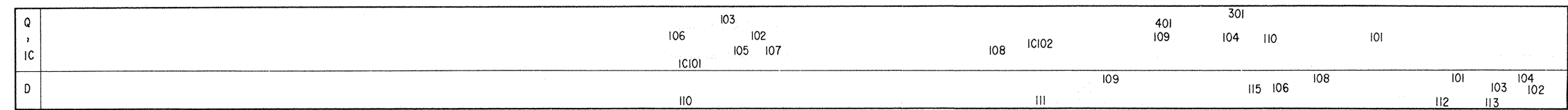
● Semiconductor Lead Layouts



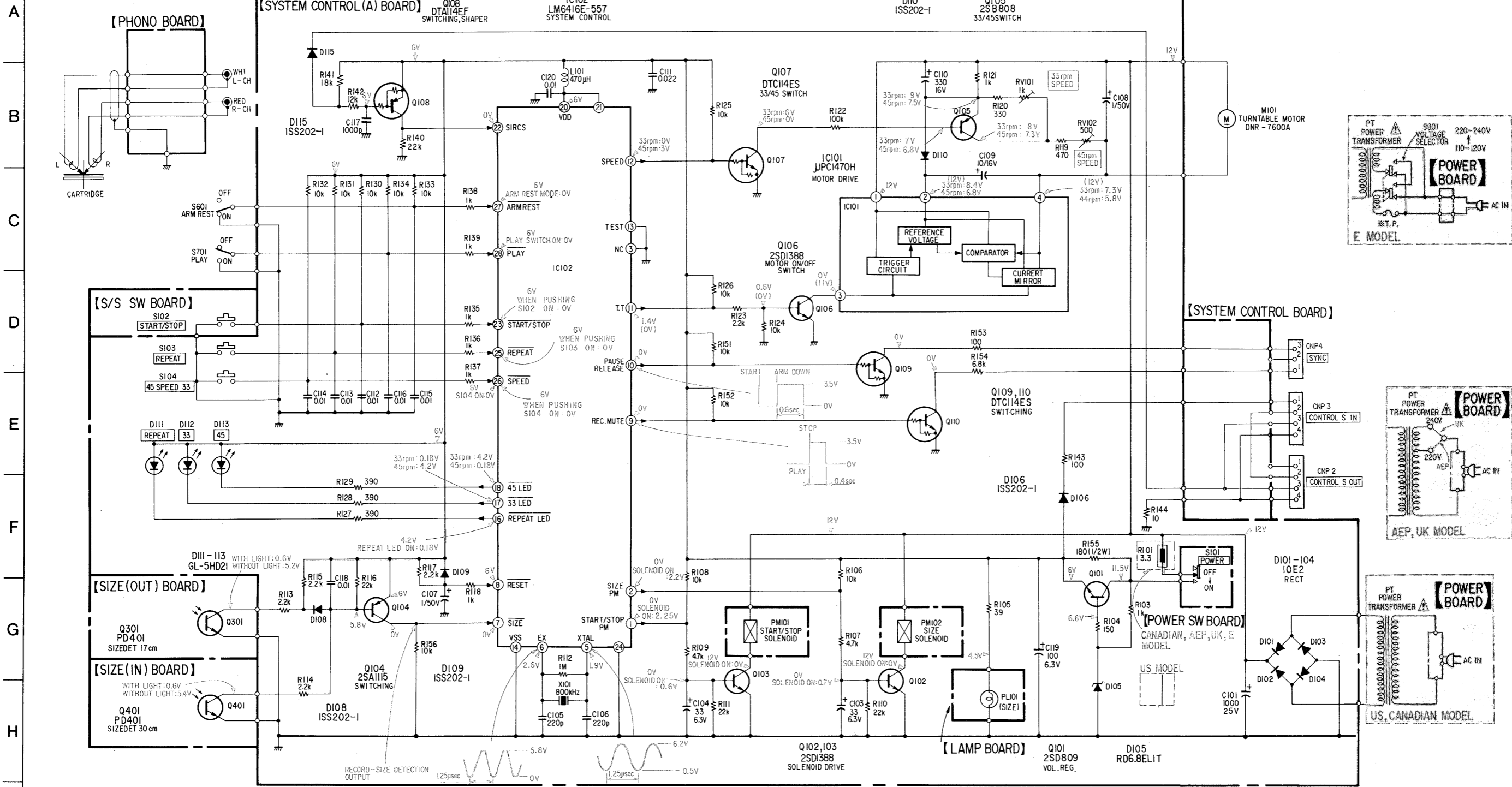
Note:
● Color code of sleeving over the end of the jacket.



● ○ : parts extracted from the component side.



4-2. SCHEMATIC DIAGRAM



- Note:**
- All capacitors are in μF unless otherwise noted. pF : $\mu\mu F$ 50 WV or less are not indicated except for electrolytics and tantalums.
 - All resistors are in Ω and $\frac{1}{4}W$ or less unless otherwise specified.
 - : B+ bus.
 - : adjustment for repair.

- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken under no-signal conditions with a VOM (50k Ω/V).
- () : STOP
- () : PLAY
- Voltage variations may be noted due to normal production tolerances.

• Switch

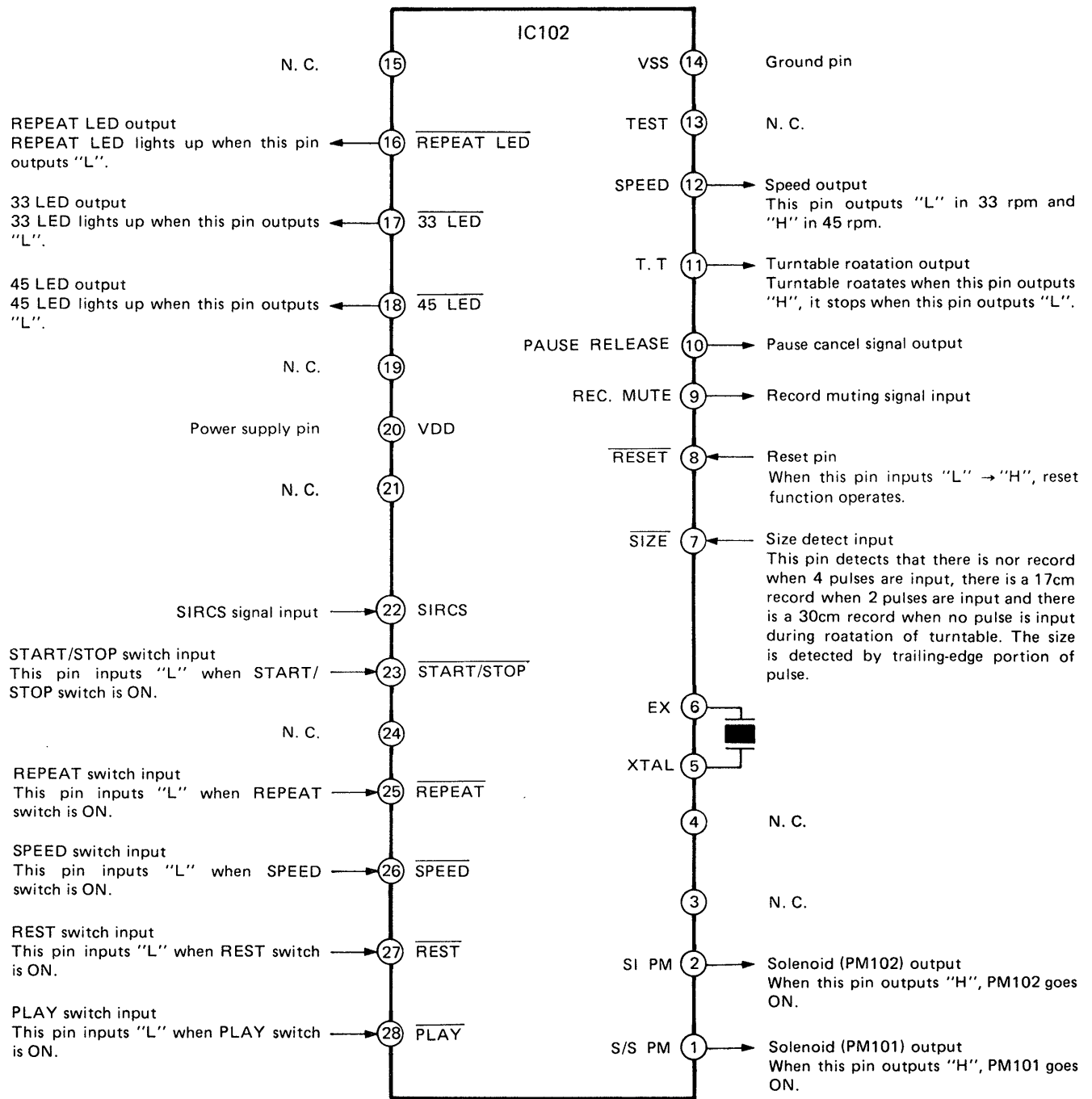
| Ref. No. | Switch | Position |
|----------|------------|----------|
| S101 | POWER | OFF |
| S102 | START/STOP | OFF |
| S103 | REPEAT | OFF |
| S104 | SPEED | OFF |
| S601 | ARM REST | ON |
| S701 | PLAY | OFF |

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

Note: 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.

[IC102 (LM6416E-557) PIN FUNCTIONS]

IC102 (LM6416E-557) is an N-MOS 4 bit micro-computer for control integrating ROM, RAM, ALU, I/O port, timer, clock generator and etc., into 1-chip.



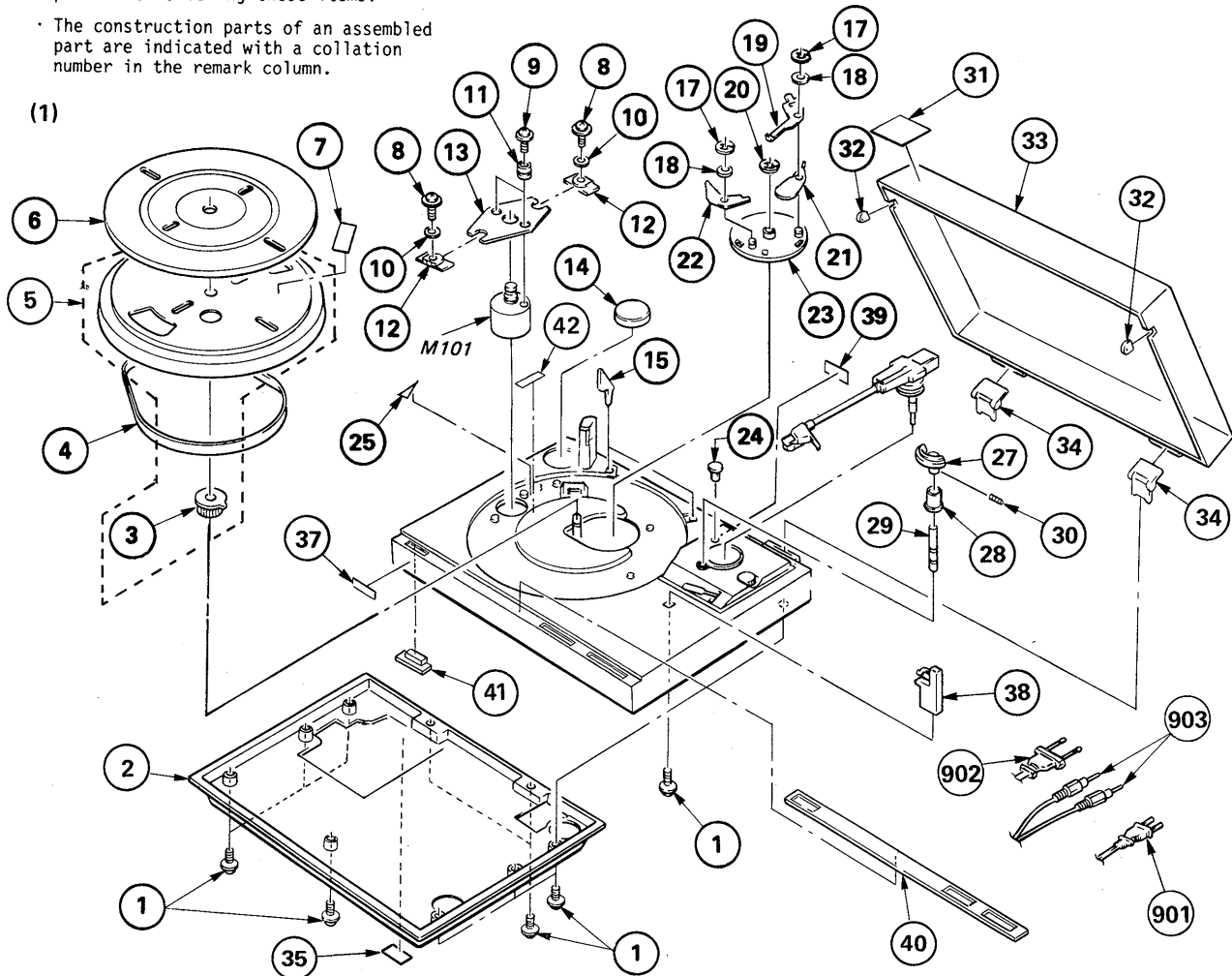
SECTION 5 EXPLODED VIEWS AND PARTS LIST

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The construction parts of an assembled part are indicated with a collation number in the remark column.

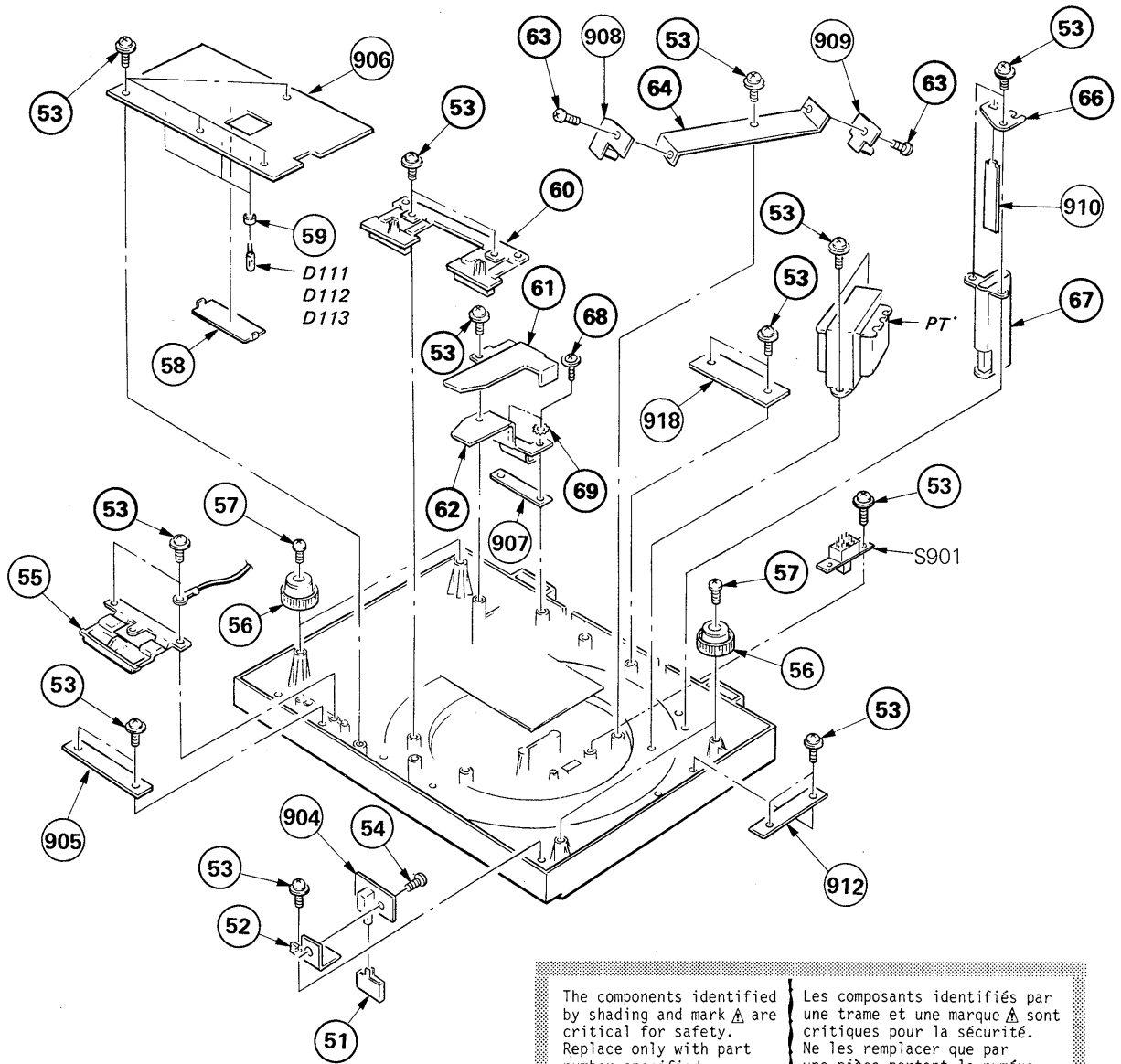
The components identified by shading and mark **A** are critical for safety. Replace only with part number specified.

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



| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|-----|---------------|--|---------|------|---------------|--|---------|
| 1 | 3-703-136-00 | SCREW, TAPPING +PTPHW 3X12 | | 28 | *4-874-218-00 | CASE, PUSH ROD | |
| 2 | 4-889-532-01 | (PS-LX431:AEP,UK,E)...PLATE, BOTTOM | | 29 | 4-881-688-00 | ROD, PUSH | |
| | 4-889-532-11 | (PS-LX430,LX430(C),LX431(N),LX433:US,Canadian)...PLATE, BOTTOM | | 30 | 7-621-738-08 | SET-SCT, HEX. 2.6X4, FLAT POINT | |
| 3 | 4-868-052-00 | GEAR, CENTER | | 31 | 3-703-705-41 | STICKER, SONY SYMBOL (30) | |
| 4 | 4-880-655-01 | BELT | | 32 | 4-876-304-00 | (PS-LX430,430(C),LX431,LX433) ...CUSHION, DUST COVER | |
| 5 | X-4881-615-1 | TURNTABLE ASSY | | 33 | X-4903-415-1 | (PS-LX430,LX430(C),LX431:SMOKED) ...COVER ASSY, DUST | |
| 6 | 4-903-470-01 | (PS-LX430(C),LX431:Canadian,AEP,UK,E) ...SHEET, TURNTABLE | | | X-4903-417-1 | (PS-LX433:TRANSPARENCY)...COVER ASSY, DUST | |
| | 4-903-470-11 | (PS-LX430,LX430(C),LX431(N),LX433:US) ...SHEET, TURNTABLE | | 34 | 4-857-653-00 | (PS-LX430,430(C),LX431,LX433) ...HINGE, DUST COVER | |
| 7 | *4-909-004-01 | LABEL, CAUTION, GEAR | | 35 | 4-876-344-00 | (AEP,UK)...LABEL, CAUTION POWER CORD | |
| 8 | 3-703-137-00 | SCREW, TAPPING +PTPHW 3X10 | | 37 | 3-701-690-00 | (UK)...LABEL (MADE IN JAPAN) | |
| 9 | 4-909-062-01 | SCREW, MOTOR | | 38 | X-4874-212-X | REST ASSY, ARM | |
| 10 | *4-301-647-00 | WASHER, SPECIAL, 12 | | 39 | 4-903-456-01 | (PS-LX431:UK).....LABEL, MODEL NUMBER | |
| 11 | 4-909-061-01 | CUSHION, MOTOR | | | 4-903-457-01 | (PS-LX431:AEP).....LABEL, MODEL NUMBER | |
| 12 | 4-908-120-01 | RUBBER, FLOATING | | | *4-903-459-01 | (PS-LX430,LX430(C):US,Canadian) ...LABEL, MODEL NUMBER | |
| 13 | *4-908-151-01 | BRACKET (C), MOTOR | | | 4-903-460-01 | (PS-LX433:US).....LABEL, MODEL NUMBER | |
| 14 | 3-701-806-00 | (PS-LX430,LX430(C),LX431,LX433) ...ADAPTOR, 45, (E) | | | 4-903-472-01 | (PS-LX431(N):US)...LABEL, MODEL NUMBER | |
| 15 | 4-874-262-00 | (PS-LX430,LX430(C),LX431,LX433) ...GUIDE, RECORD | | | 4-903-458-01 | (PS-LX431:E).....LABEL, MODEL NUMBER | |
| 17 | 7-624-190-81 | STOP RING 2, TYPE-CS | | 40 | 4-903-440-41 | (PS-LX431(N))...PANEL, CONTROL | |
| 18 | 7-623-105-15 | W 2, MIDDLE | | | 4-903-440-51 | (PS-LX431)...PANEL, CONTROL | |
| 19 | 4-874-254-00 | CLUTCH (S) | | | 4-903-440-61 | (PS-LX430,LX430(C))...PANEL, CONTROL | |
| 20 | 7-624-106-04 | STOP RING 3.0, TYPE -E | | | 4-903-440-71 | (PS-LX433).....PANEL, CONTROL | |
| 21 | 4-874-232-00 | CLUTCH (R) | | 41 | 4-875-501-00 | GUIDE, POWER KNOB | |
| 22 | 4-874-279-00 | CLUTCH (L) | | 42 | *4-881-683-01 | (E)...LABEL, VOLTAGE | |
| 23 | 4-880-524-00 | GEAR (S), DRIVE | | 901 | ▲1-551-506-XX | (US,Canadian)...CORD, POWER | |
| 24 | 4-874-260-11 | CAP, BLIND | | | ▲1-556-562-00 | (UK).....CORD, POWER | |
| 25 | 3-703-680-00 | (US)...LABEL, CAUTION, SUB, NEW UL | | | ▲1-551-472-23 | (E).....CORD, POWER | |
| 27 | X-4903-302-1 | PLATE ASSY, UP AND DOWN | | 902 | ▲1-551-908-11 | (AEP).....CORD, POWER, EU/LO PLUG | |
| | | | | 923 | 1-551-294-00 | CORD (WITH PLUG) | |
| | | | | M101 | 8-835-126-01 | MOTOR, DC (DNR-7600A) | |

(2)

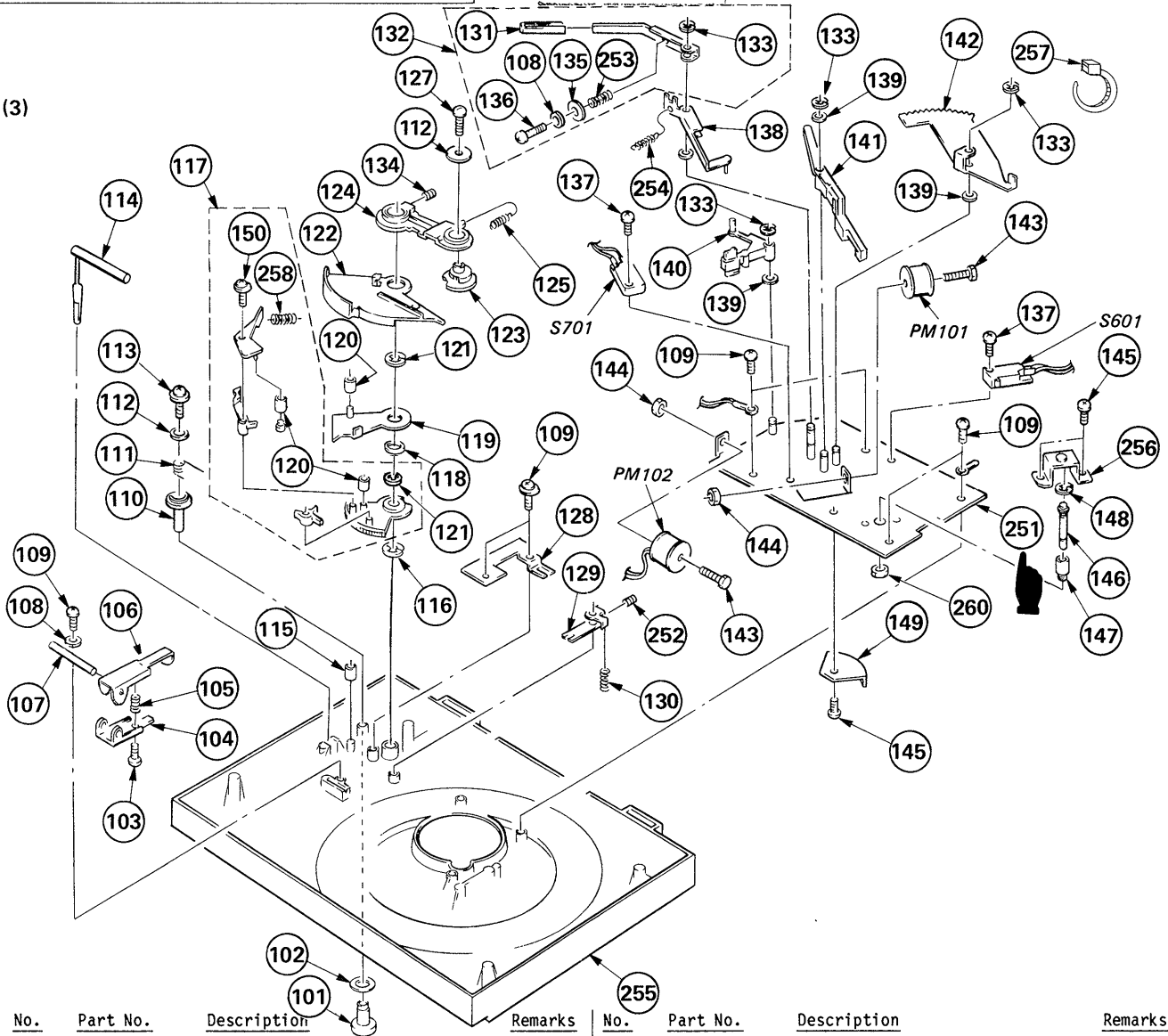


The components identified by shading and mark Δ are critical for safety. Replace only with part number specified.

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

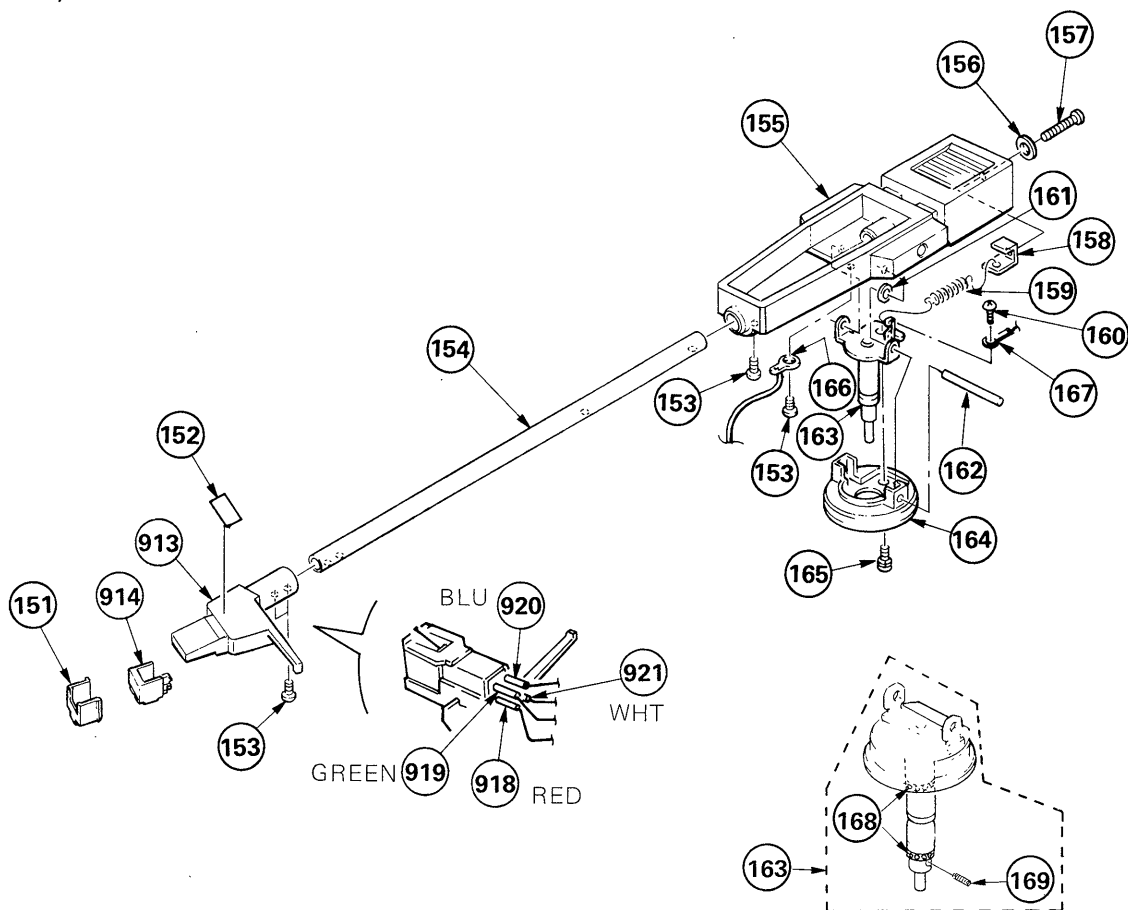
| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|-----|---------------|----------------------------|---------|------|------------------------|---------------------------------------|--------------------------------|
| 51 | 4-903-436-11 | BUTTON, POWER | | 68 | 3-703-136-00 | SCREW, TAPPING +PTPWH 3X12 | |
| 52 | *4-903-437-01 | BRACKET, SWITCH | | 69 | 7-623-422-07 | LW 3, TYPE B | |
| 53 | 3-703-137-00 | SCREW, TAPPING +PTPWH 3X10 | | 904 | *1-615-858-11 | PC BOARD, POWER SW | |
| 54 | 7-621-775-00 | SCREW +B 2.6X4 | | 905 | *1-615-857-11 | PC BOARD, S/S SW | |
| 55 | 4-903-441-11 | BUTTON (S.S) | | 906 | *A-4619-269-A | (PS-LX430,LX430(C),LX431(N),LX433:US) | |
| 56 | X-4903-301-1 | INSULATOR ASSY | | | A-4619-270-A | (PS-LX430(C)Canadian) | ...MOUNTED PCB, SYSTEM CONTROL |
| 57 | 3-703-136-00 | SCREW, TAPPING +PTPWH 3X12 | | | A-4619-271-A | (PS-LX431:AEP,UK) | ...MOUNTED PCB, SYSTEM CONTROL |
| 58 | *4-903-450-01 | PLATE (P), SHIELD | | 907 | *1-615-860-11 | PC BOARD, PHONO | |
| 59 | *4-901-657-00 | SPACER (A), LED | | 908 | *1-615-863-11 | PC BOARD, SIZE (IN) | |
| 60 | 4-903-443-01 | BUTTON (SR) | | 909 | *1-615-862-11 | PC BOARD, SIZE (OUT) | |
| 61 | *4-889-526-01 | PLATE (UPPER), SHIELD | | 910 | *1-615-859-11 | PC BOARD, LAMP | |
| 62 | *4-889-524-01 | PLATE (LOWER), SHIELD | | 912 | *1-615-861-11 | PC BOARD, POWER | |
| 63 | 7-685-750-04 | SCREW +PTT 3X5 (S) | | S901 | Δ .1-552-535-00 | (E)...SWITCH, VOLTAGE SELECT | |
| 64 | *4-903-454-01 | BRACKET (B), SENSOR | | PT | Δ .1-448-195-11 | (US,Canadian)...TRANSFORMER, POWER | |
| 66 | *4-874-255-00 | BRACKET, CHASSIS | | PT | Δ .1-448-196-11 | (AEP,UK).....TRANSFORMER, POWER | |
| 67 | X-4874-213-7 | HOUSE ASSY, LIGHT | | PT | Δ .1-448-425-11 | (E).....TRANSFORMER, POWER | |

(3)



| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|-----|---------------|---------------------------------------|---------|-------|---------------|--------------------------------|---------|
| 101 | 4-881-633-00 | (PS-LX431,LX431(N))....KNOB (I), IFC | | 131 | 4-874-275-00 | PAD, BRAKE | |
| | 4-903-333-01 | (PS-LX430,LX430(C),LX433)...KNOB, IFC | | 132 | *X-4874-206-0 | LEVER ASSY, BRAKE | |
| 102 | 4-844-041-11 | WASHER, (N) | | 134 | 3-701-509-00 | SET SCREW, DOUBLE CUP 3X8 | |
| 103 | 7-621-775-80 | SCREW +B 2.6X16 | | 135 | 4-812-554-00 | WASHER | |
| 104 | *4-880-501-00 | LEVER (A), LIFTER | | 136 | 7-682-110-01 | SCREW +P 3X18 | |
| 105 | 4-880-503-00 | SPRING, COMPRESSION | | 137 | 7-685-755-01 | SCREW +PTT 3X14 (S) | |
| 106 | *4-881-659-00 | LEVER (C), LIFTER | | 138 | *X-4874-205-0 | LEVER ASSY, RESET | |
| 107 | *4-861-940-00 | SHAFT, LIFTER LEVER | | 139 | 3-701-441-21 | WASHER | |
| 108 | *4-301-647-00 | WASHER, SPECIAL, 12 | | 140 | X-4874-204-0 | LEVER ASSY, SIZE | |
| 109 | 3-703-137-00 | SCREW, TAPPING +PTPW 3X10 | | 141 | X-4874-203-7 | LEVER ASSY, CLUTCH | |
| 110 | 4-903-409-01 | CAM, IFC | | 142 | *X-4874-202-0 | LEVER ASSY, MAIN | |
| 111 | 4-874-250-00 | SPRING | | 143 | 4-874-234-00 | CORE | |
| 112 | 0-056-028-00 | WASHER, PLAIN, 14 DIA. | | 144 | 7-622-207-05 | N 2.6, TYPE 2 | |
| 114 | 4-877-824-00 | CAM, LIFTER | | 145 | 7-682-546-04 | SCREW +BVTT 3X5 (S) | |
| 113 | 7-685-152-21 | SCREW PTPWH 3X25 TYPE 2 | | 146 | 4-889-523-01 | SHAFT, CENTER | |
| 115 | 4-852-841-00 | TUBE | | 147 | 4-909-022-01 | BEARING (B) | |
| 116 | 7-624-133-54 | STOP RING 10, TYPE-CE | | 148 | 7-624-133-34 | STOP RING 8, TYPE-CE | |
| 117 | X-4881-610-0 | LEVER (C) ASSY, INDEX | | 149 | *4-903-438-01 | PLATE, RESET | |
| 118 | 4-911-107-01 | POLY-SLIDER (DIA. 9.5)(LARGE) | | 150 | 7-687-202-21 | TOTSU PTPWH 2X4, TYPE 2, SLIT | |
| 119 | *X-4874-209-0 | LEVER (B) ASSY, INDEX | | 251 | *X-4903-405-1 | CHASSIS ASSY | |
| 120 | 4-874-259-00 | RUBBER, SHOCK ABSORBING | | 252 | 7-621-741-09 | SET-SCT HEX. 2.6X8 WP | |
| 121 | 7-624-133-44 | STOP RING 9, TYPE-CE | | 253 | 4-876-322-00 | SPRING, COMPRESSION (BRAKE) | |
| 122 | 4-874-223-00 | LEVER (A), ARM | | 254 | 4-876-346-00 | SPRING, TENSION (RESET) | |
| 123 | 4-874-231-00 | CAM, ECCENTRIC | | 255 | 4-903-444-41 | FRAME | |
| 124 | 4-874-277-00 | LEVER (B), ARM | | 256 | *4-909-021-01 | BRACKET, BEARING | |
| 125 | 3-548-124-00 | SPRING, TENSION | | 257 | 3-701-748-00 | CLAMP | |
| 126 | 4-844-041-00 | WASHER, (N) | | 260 | 4-909-084-01 | NUT, BEARING | |
| 127 | 7-685-145-14 | SCREW +P 3X6 TYPE2 SLIT | | PM101 | 1-454-394-21 | SOLENOID, PLUNGER | |
| 128 | *4-903-410-01 | RETAINER (C), LIFTER | | PM201 | 1-454-394-21 | SOLENOID, PLUNGER | |
| 129 | *4-876-317-00 | GUIDE, LIFTER | | S601 | 1-570-489-11 | SWITCH, MICRO (ARM,REST)(PLAY) | |
| 130 | 4-903-331-01 | SPRING (LIFTER), COMPRESSION | | S701 | 1-570-489-11 | SWITCH, MICRO (ARM,REST)(PLAY) | |

(4) PS-LX431, PS-LX431N

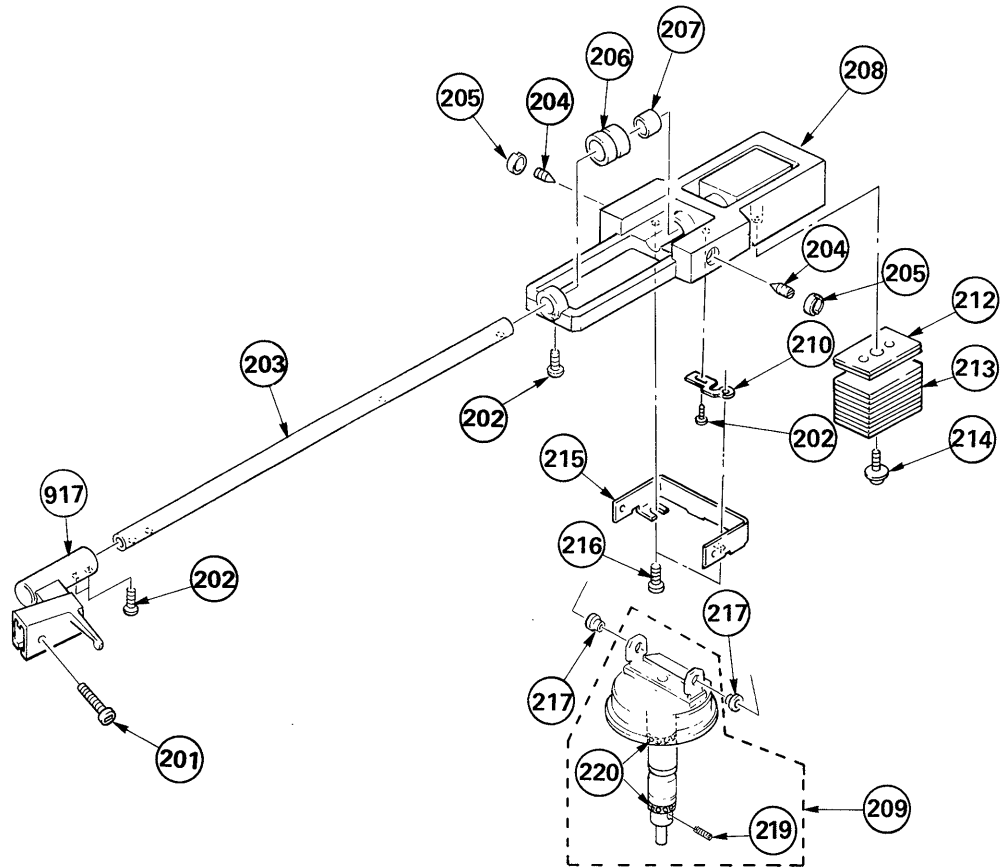


| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|-----|--------------|-------------------------|---------|-----|--------------|---|---------|
| 151 | 3-706-613-00 | PROTECTOR | | 163 | X-4881-614-0 | ROTOR ASSY | |
| 152 | 3-706-612-00 | LABEL, CARTRIDGE | | 164 | 4-880-631-11 | JOINT, CENTER | |
| 153 | 7-685-103-2 | SCREW +P 2X5 TYPE2 SLIT | | 165 | 7-682-647-01 | SCREW +PS 3X6 | |
| 154 | 4-889-528-11 | PIPE, ARM | | 166 | 7-623-505-01 | LUG, 2 | |
| 155 | 4-889-529-11 | JOINT, PIPE | | 167 | 7-623-508-01 | LUG, 3 | |
| 156 | 7-688-003-13 | W 3, MIDDLE | | 168 | 7-671-151-01 | STAINLESS, BALL 1/16INCH | |
| 157 | 7-682-555-09 | SCREW +B 3X30 | | 169 | 7-621-712-17 | SET-SCREW, SLOT 2.6X2 CUP POINT | |
| 158 | 4-868-016-01 | HOOK, SPRING | | 913 | 1-549-109-21 | CARTRIDGE (WITH SHELL) (VL-42G) 151, 152, 914 | |
| 159 | 4-889-510-00 | SPRING, TENSION | | 914 | 3-706-614-11 | SHELL | |
| 160 | 7-682-545-09 | SCREW +B 3X4 | | 918 | 1-557-042-11 | (RED).....LEAD (WITH TERMINAL) | |
| 161 | 3-701-437-01 | WASHER, 2 | | 919 | 1-557-042-21 | (GRN).....LEAD (WITH TERMINAL) | |
| 162 | 4-880-619-00 | PIN, HORIZONTAL | | 920 | 1-557-042-31 | (BLU).....LEAD (WITH TERMINAL) | |
| | | | | 921 | 1-557-042-41 | (WHT).....LEAD (WITH TERMINAL) | |

PS-LX430/430C/431/431N/433

(5) PS-LX430/430C/433

(PS-LX430/LX433: Cartridge is not supplied with US, Canadian certain models)



| No. | Part No. | Description | Remarks | No. | Part No. | Description | Remarks |
|-----|---------------|--|---------|-----|---------------|---------------------------------|---------|
| 201 | 4-887-481-01 | SCREW (B), CARTRIDGE FITTING | | 212 | *4-903-350-01 | WEIGHT, SUPPORT | |
| 202 | 7-685-103-29 | SCREW +P 2X5 TYPE2 SLIT | | 213 | 4-877-810-00 | WEIGHT | |
| 203 | 4-903-307-11 | PIPE, ARM | | 214 | 7-687-234-21 | SCREW, TOTSU PTPWH 2.6X8, TYPE2 | |
| 204 | 2-203-518-61 | SCREW, PIVOT | | 215 | *4-881-628-00 | REINFORCEMENT (A) | |
| 205 | 2-203-519-00 | NUT (A), LOCK, PIVOT | | 216 | 7-685-105-29 | SCREW +P 2X8 TYPE2 SLIT | |
| 206 | *4-903-312-11 | WEIGHT, SUB | | 217 | 4-881-618-00 | BEARING, PIVOT | |
| 207 | *4-903-308-01 | SHEET (S) | | 219 | 7-621-712-17 | SET-SCREW, SLOT 2.6X2 CUP POINT | |
| 208 | 4-903-336-11 | JOINT, PIPE | | 220 | 7-671-151-01 | STAINLESS, BALL 1/16INCH | |
| 209 | X-4881-611-2 | JOINT ASSY, CENTER | | 915 | 1-549-117-21 | CARTRIDGE (VL-45G) | |
| 210 | *4-889-539-01 | (PS-LX430,LX430(C),LX433:BLACK)PLATE, GROUND | | 917 | *1-562-517-41 | CONNECTOR(WITH HEAD SHELL) 4P | |

SECTION 6
ELECTRICAL PARTS LIST

NOTE:

• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

• If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

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 |
|---------|---|--|
| 901 |  .1-551-506-XX | (US,Canadian)...CORD, POWER |
| |  .1-556-562-00 | (UK).....CORD, POWER |
| |  .1-551-472-23 | (E).....CORD, POWER |
| 902 |  .1-551-908-11 | (AEP)....CORD, POWER, EULO PLUG |
| 904 | *1-615-858-11 | PC BOARD, POWER SW |
| 905 | *1-615-857-11 | PC BOARD, S/S SW |
| 906 | *A-4619-269-A | (PS-LX430 ,LX430(C) ,LX431(N) ,LX433:US) ...MOUNTED PCB, SYSTEM CONTROL |
| | A-4619-270-A | (PS-LX430(C)Canadian) ...MOUNTED PCB, SYSTEM CONTROL |
| | A-4619-271-A | (PS-LX431:AEP,UK) ...MOUNTED PCB, SYSTEM CONTROL |
| 907 | *1-615-860-11 | PC BOARD, PHONO |
| 908 | *1-615-863-11 | PC BOARD, SIZE (IN) |
| 909 | *1-615-862-11 | PC BOARD, SIZE (OUT) |
| 910 | *1-615-859-11 | PC BOARD, LAMP |
| 912 | *1-615-861-11 | PC BOARD, POWER |
| 913 | 1-549-109-21 | CARTRIDGE (WITH SHELL) |
| 914 | 3-706-614-11 | SHELL |
| 915 | 1-549-117-21 | CARTRIDGE (VL-45G) |
| 917 | *1-562-517-41 | CONNECTOR(WITH HEAD SHELL) 4P |
| 918 | 1-557-042-11 | (RED)...LEAD (WITH TERMINAL) |
| 919 | 1-557-042-21 | (GRN)...LEAD (WITH TERMINAL) |
| 920 | 1-557-042-31 | (BLU)...LEAD (WITH TERMINAL) |
| 921 | 1-557-042-41 | (WHT)...LEAD (WITH TERMINAL) |
| 923 | 1-551-294-00 | CORD (WITH PLUG) |
| C101 | 1-123-337-00 | ELECT 1000MF 20% 25V |
| C103 | 1-123-646-00 | ELECT 33MF 20% 6.3V |
| C104 | 1-123-646-00 | ELECT 33MF 20% 6.3V |
| C105 | 1-162-286-31 | CERAMIC 220PF 10% 50V |
| C106 | 1-162-286-31 | CERAMIC 220PF 10% 50V |
| C107 | 1-123-611-00 | ELECT 1MF 20% 50V |
| C108 | 1-123-611-00 | ELECT 1MF 20% 50V |
| C109 | 1-123-617-00 | ELECT 10MF 20% 16V |
| C110 | 1-123-322-00 | ELECT 330MF 20% 16V |
| C111 | 1-161-494-00 | CERAMIC 0.022MF 30% 25V |
| C112 | 1-162-306-31 | CERAMIC 0.01MF 30% 16V |
| C113 | 1-162-306-31 | CERAMIC 0.01MF 30% 16V |
| C114 | 1-162-306-31 | CERAMIC 0.01MF 30% 16V |
| C115 | 1-162-306-31 | CERAMIC 0.01MF 30% 16V |
| C116 | 1-162-306-31 | CERAMIC 0.01MF 30% 16V |
| C117 | 1-162-294-31 | CERAMIC 0.001MF 10% 50V |
| C118 | 1-162-306-31 | CERAMIC 0.01MF 30% 16V |
| C119 | 1-123-661-00 | ELECT 220MF 20% 6.3V |
| C120 | 1-162-306-31 | CERAMIC 0.01MF 30% 16V |

ELECTRICAL PARTS

| Ref.No. | Part No. | Description |
|---------|---|------------------------------------|
| CP1 | *1-508-801-00 | U TYPE BASE POST 4P |
| CP2 | *1-508-801-00 | U TYPE BASE POST 4P |
| CP3 | *1-508-799-00 | BASE POST (U TYPE) |
| CP4 | *1-508-799-00 | BASE POST (U TYPE) |
| CNP1 | *1-564-706-11 | PIN, CONNECTOR (SMALL TYPE) 4P |
| CNP2 | *1-564-980-11 | PIN, CONNECTOR 4P (CONTROL S OUT) |
| CNP3 | *1-564-980-11 | PIN, CONNECTOR 4P (CONTROL S IN) |
| CNP4 | 1-564-358-00 | PIN, CONNECTOR 3P (SYNC) |
| D101 | 8-719-200-02 | DIODE 10E2 |
| D102 | 8-719-200-02 | DIODE 10E2 |
| D103 | 8-719-200-02 | DIODE 10E2 |
| D104 | 8-719-200-02 | DIODE 10E2 |
| D105 | 8-719-102-76 | DIODE RD6.8EN1 |
| D106 | 8-719-107-94 | DIODE 1SS202-1 |
| D108 | 8-719-107-94 | DIODE 1SS202-1 |
| D109 | 8-719-107-94 | DIODE 1SS202-1 |
| D110 | 8-719-107-94 | DIODE 1SS202-1 |
| D111 | 8-719-906-58 | DIODE GL-5HD21 |
| D112 | 8-719-906-58 | DIODE GL-5HD21 |
| D113 | 8-719-906-58 | DIODE GL-5HD21 |
| D115 | 8-719-107-94 | DIODE 1SS202-1 |
| IC101 | 8-759-103-35 | IC UPC1470H |
| IC102 | 8-759-801-85 | IC LM6416E-557 |
| L101 | 1-407-177-XX | MICRO INDUCTOR 470UH |
| M101 | 8-835-126-01 | MOTOR, DC (DNR-7600A) |
| PL101 | 1-518-268-00 | LAMP, PILOT 4.5V 40MA |
| PM101 | 1-454-394-21 | SOLENOID, PLUNGER |
| PM201 | 1-454-394-21 | SOLENOID, PLUNGER |
| PT |  .1-448-195-11 | (US,Canadian)...TRANSFORMER, POWER |
| PT |  .1-448-196-11 | (AEP,UK).....TRANSFORMER, POWER |
| PT |  .1-448-425-11 | (E).....TRANSFORMER, POWER |
| Q101 | 8-729-180-93 | TRANSISTOR 2SD809 |
| Q102 | 8-729-802-34 | TRANSISTOR 2SD1388 |
| Q103 | 8-729-802-34 | TRANSISTOR 2SD1388 |
| Q104 | 8-729-173-37 | TRANSISTOR 2SA733-P |
| Q105 | 8-729-800-83 | TRANSISTOR 2SB808 |
| Q106 | 8-729-802-34 | TRANSISTOR 2SD1388 |
| Q107 | 8-729-900-80 | TRANSISTOR DTC114ES |
| Q108 | 8-729-900-38 | TRANSISTOR DTA114EF |
| Q109 | 8-729-900-80 | TRANSISTOR DTC114ES |
| Q110 | 8-729-900-80 | TRANSISTOR DTC114ES |
| Q301 | 8-729-902-39 | TRANSISTOR PD401 |
| Q401 | 8-729-902-39 | TRANSISTOR PD401 |

ELECTRICAL PARTS

| Ref.No. | Part No. | Description |
|---------|--------------|---|
| R101 | 1-806-883-11 | (Canadian,AEP,UK)...THERMISTOR (POSITIVE) |
| R103 | 1-247-831-00 | CARBON 1K 5% 1/6W |
| R104 | 1-247-811-00 | CARBON 150 5% 1/6W |
| R105 | 1-247-695-11 | CARBON 39 5% 1/4W |
| R106 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R107 | 1-249-425-11 | CARBON 4.7K 5% 1/6W |
| R108 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R109 | 1-249-425-11 | CARBON 4.7K 5% 1/6W |
| R110 | 1-249-433-11 | CARBON 22K 5% 1/6W |
| R111 | 1-249-433-11 | CARBON 22K 5% 1/6W |
| R112 | 1-247-903-00 | CARBON 1M 5% 1/6W |
| R113 | 1-249-421-11 | CARBON 2.2K 5% 1/6W |
| R114 | 1-249-421-11 | CARBON 2.2K 5% 1/6W |
| R115 | 1-249-421-11 | CARBON 2.2K 5% 1/6W |
| R116 | 1-249-433-11 | CARBON 22K 5% 1/6W |
| R117 | 1-249-421-11 | CARBON 2.2K 5% 1/6W |
| R118 | 1-247-831-00 | CARBON 1K 5% 1/6W |
| R119 | 1-214-721-00 | METAL 470 1% 1/4W |
| R120 | 1-214-717-00 | METAL 330 1% 1/4W |
| R121 | 1-247-831-00 | CARBON 1K 5% 1/6W |
| R122 | 1-247-879-00 | CARBON 100K 5% 1/6W |
| R123 | 1-249-421-11 | CARBON 2.2K 5% 1/6W |
| R124 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R125 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R126 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R127 | 1-247-821-00 | CARBON 390 5% 1/6W |
| R128 | 1-247-821-00 | CARBON 390 5% 1/6W |
| R129 | 1-247-821-00 | CARBON 390 5% 1/6W |
| R130 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R131 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R132 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R133 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R134 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R135 | 1-247-831-00 | CARBON 1K 5% 1/6W |
| R136 | 1-247-831-00 | CARBON 1K 5% 1/6W |
| R137 | 1-247-831-00 | CARBON 1K 5% 1/6W |
| R138 | 1-247-831-00 | CARBON 1K 5% 1/6W |
| R139 | 1-247-831-00 | CARBON 1K 5% 1/6W |
| R140 | 1-249-433-11 | CARBON 22K 5% 1/6W |
| R141 | 1-249-432-11 | CARBON 18K 5% 1/6W |
| R142 | 1-247-857-00 | CARBON 12K 5% 1/6W |
| R143 | 1-247-807-00 | CARBON 100 5% 1/6W |
| R144 | 1-247-783-00 | CARBON 10 5% 1/6W |
| R151 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R152 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| R153 | 1-247-807-00 | CARBON 100 5% 1/6W |
| R154 | 1-247-851-00 | CARBON 6.8K 5% 1/6W |
| R155 | 1-247-742-11 | CARBON 180 5% 1/2W |
| R156 | 1-249-429-11 | CARBON 10K 5% 1/6W |
| RV101 | 1-226-233-00 | RES, ADJ, CARBON 1K |
| RV102 | 1-226-232-00 | RES, ADJ, CARBON 500 |
| S601 | 1-570-489-11 | SWITCH, MICRO (ARM,REST)(PLAY) |
| S701 | 1-570-489-11 | SWITCH, MICRO (ARM,REST)(PLAY) |
| S901 | 1-552-535-00 | (E)...SWITCH, VOLTAGE SELECT |

ELECTRICAL PARTS

| Ref.No. | Part No. | Description |
|------------------------------|--|--------------------------------|
| SW101 | 1-553-909-00 | SWITCH, PUSH (1 KEY)(POWER) |
| SW102 | 1-554-541-12 | SWITCH, KEY BOARD (START/STOP) |
| SW103 | 1-554-541-12 | SWITCH, KEY BOARD (REPEAT) |
| SW104 | 1-554-541-12 | SWITCH, KEY BOARD (SPEED) |
| X101 | 1-567-342-11 | OSCILLATOR, CERAMIC |
| ACCESSORY & PACKING MATERIAL | | |
| Part No. | Description | |
| 1-526-565-12 | (E)...ADAPTOR, AC PLUG | |
| 1-556-372-41 | (PS-LX430,LX430(C),LX431,LX433) ...CORD, CONNECTION (4 CORE) | |
| 1-557-109-21 | (PS-LX430,LX430(C),LX431,LX433) ...CORD, CONNECTION | |
| 1-558-233-11 | (PS-LX430,LX430(C),LX431,LX433)...CORD (WITH CONNECTOR)(SIRCS) 4P | |
| 1-558-649-11 | (PS-LX430,LX430(C),LX431,LX433)...CORD (WITH CONNECTOR) 3P | |
| 3-701-630-00 | (PS-LX430,LX430(C),LX431,LX433)BAG, POLYETHYLENE | |
| 3-701-634-00 | BAG, POLYETHYLENE | |
| 3-701-806-01 | ADAPTOR, 45RPM | |
| 3-703-450-01 | (PS-LX430,LX430(C),LX433:US)...INSTRUCTION | |
| 3-795-753-21 | (PS-LX430,LX433).....INSTRUCTION | |
| 3-703-845-01 | (US,Canadian)...LABEL (N)(U/C), MAIN CAUTION | |
| 3-765-235-11 | (PS-LX431:AEP,UK,E).....MANUAL, INSTRUCTION | |
| 3-765-235-21 | (PS-LX430,LX430(C),LX433:US,Canadian) ...MANUAL, INSTRUCTION | |
| 3-765-235-31 | (PS-LX430(C):Canadian)...MANUAL, INSTRUCTION | |
| 3-765-235-41 | (PS-LX431:AEP).....MANUAL, INSTRUCTION | |
| 3-794-123-11 | LABEL, CAUTION | |
| 4-862-043-00 | CUSHION, ARM | |
| 4-874-262-00 | (PS-LX430,LX430(C),LX431,LX433)..GUIDE, RECORD | |
| 4-876-352-00 | SHEET, PROTECTION | |
| 4-881-698-00 | (PS-LX430,LX430(C),LX431,LX433) ...PLATE, PROTECTION | |
| 4-889-536-01 | (PS-LX430,LX430(C),LX431,LX433)..CUSHION (LEFT) | |
| 4-889-540-02 | (PS-LX431(N)).....CUSHION (LEFT) | |
| 4-889-537-01 | (PS-LX430,LX430(C),LX431,LX433)..CUSHION(RIGHT) | |
| 4-889-541-02 | (PS-LX431(N)).....CUSHION(RIGHT) | |
| 4-889-538-01 | HOLDER, TURNTABLE | |
| 4-889-544-01 | (PS-LX431(N))....SPACER | |
| 4-903-422-00 | (PS-LX430,LX430(C),LX433)...HOLDER, ARM | |
| *4-903-452-01 | SPACER, CLUTCH | |
| 4-903-468-01 | (PS-LX431).....INDIVIDUAL CARTON | |
| 4-903-468-11 | (PS-LX430).....INDIVIDUAL CARTON | |
| 4-903-468-21 | (PS-LX430(C))....INDIVIDUAL CARTON | |
| 4-903-468-31 | (PS-LX433).....INDIVIDUAL CARTON | |

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

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