

PS-LX55II

SERVICE MANUAL

US Model
AEP Model
UK Model
E Model



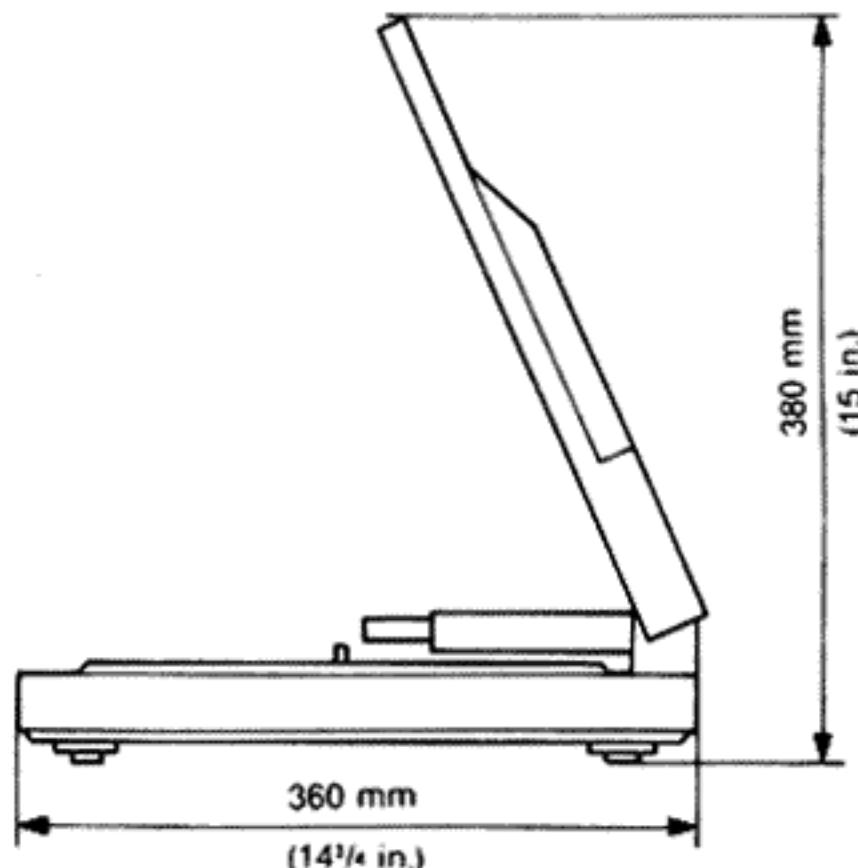
The PS-LX55II (AEP, UK, E Model) is supplied with a XL-250G cartridge, while the PS-LX55II (US Model) is not supplied with a cartridge.

SPECIFICATIONS

Turntable

| | |
|-----------------------|---|
| Platter | 30 cm (12 in.), aluminum-alloy diecast |
| Motor | Linear torque BSL (brushless and slotless) motor |
| Drive system | Direct drive |
| Control system | Quartz lock servo control system |
| Speed | 33⅓ rpm, 45 rpm |
| Wow and flutter | 0.03% (WRMS)*, 0.035% (WRMS) ±0.045% (DIN) |
| Signal-to-noise ratio | 75 dB (DIN-B) |
| Automatic system | Lead-in, return, repeat, reject, up/down, record size selection |
| Load characteristics | 0% up to 1.5g tracking force (at lead-in groove of a record) |
| Speed deviation | Within ± 0.003% |

With the dust cover opened.



—Continued on page 2—

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.

General

| | |
|--------------------|--|
| Power requirements | 120 V ac, 60 Hz (US model) 220 V ac, 50/60 Hz (AEP model) 240 V ac, 50/60 Hz (UK model) 110–120 V, 220–240 V ac, 50/60 Hz (E model) |
| Power consumption | 10 W |
| Dimensions | Approx. 355 x 85 x 355 mm (w/h/d) (14 x 3 1/8 x 14 in.) including projecting parts and controls |

STEREO TURNTABLE SYSTEM
SONY[®]

AUD



MICROFILM

| | | |
|--------|---|--|
| Weight | Approx. 5 kg (11 lbs 0 oz), net Approx. 6.1 kg (13 lbs 7 oz), in shipping carton | Cartridge XL-250G (supplied only with AEP, E model) |
| | | Type: Moving magnet |
| | | Frequency Response: 10 Hz – 20 kHz |
| | | Channel Separation: 23 dB at 1 kHz |
| | | Output Voltage: 5 mV at 1 kHz, 5 cm/sec., 45° |
| | | Load Impedance: 50 kΩ – 100 kΩ |
| | | Tracking Force: 1.0 – 1.5 g (1.25 g recommended) |
| | | Stylus: Sony ND-250G |
| | | Weight: 6 g |

Design and specifications subject to change without notice.

* 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

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.

Quartz lock servo system

The turntable maintains an accurate and drift-free speed by referring to a frequency generated by a very stable quartz oscillator.

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 33 1/3 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 stand-by mode is released and the record mode assumed. 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.

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 microamperes). 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)

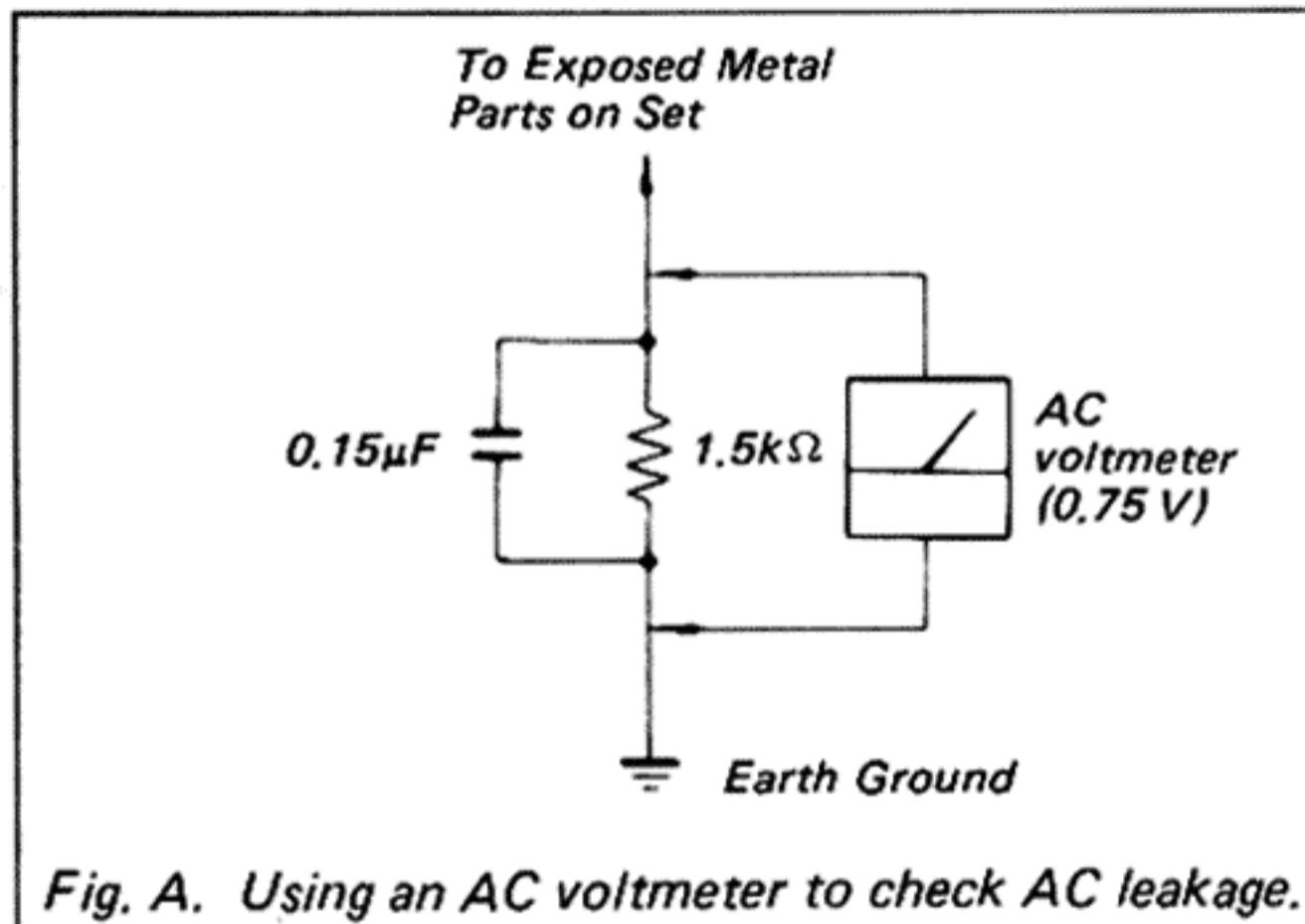
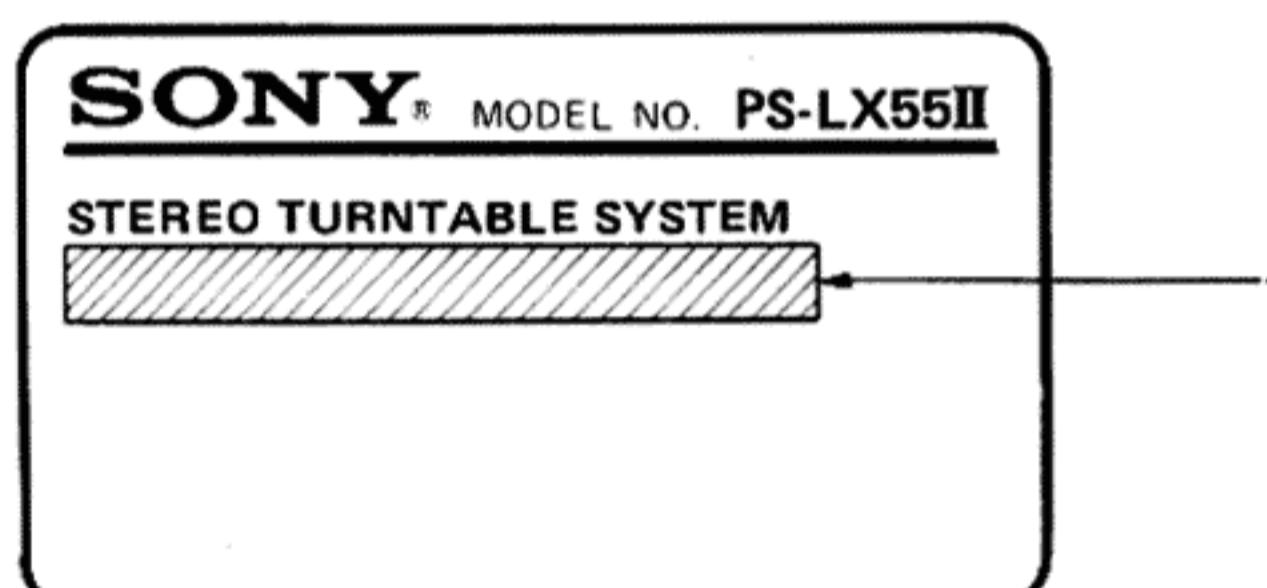


Fig. A. Using an AC voltmeter to check AC leakage.

MODEL IDENTIFICATION

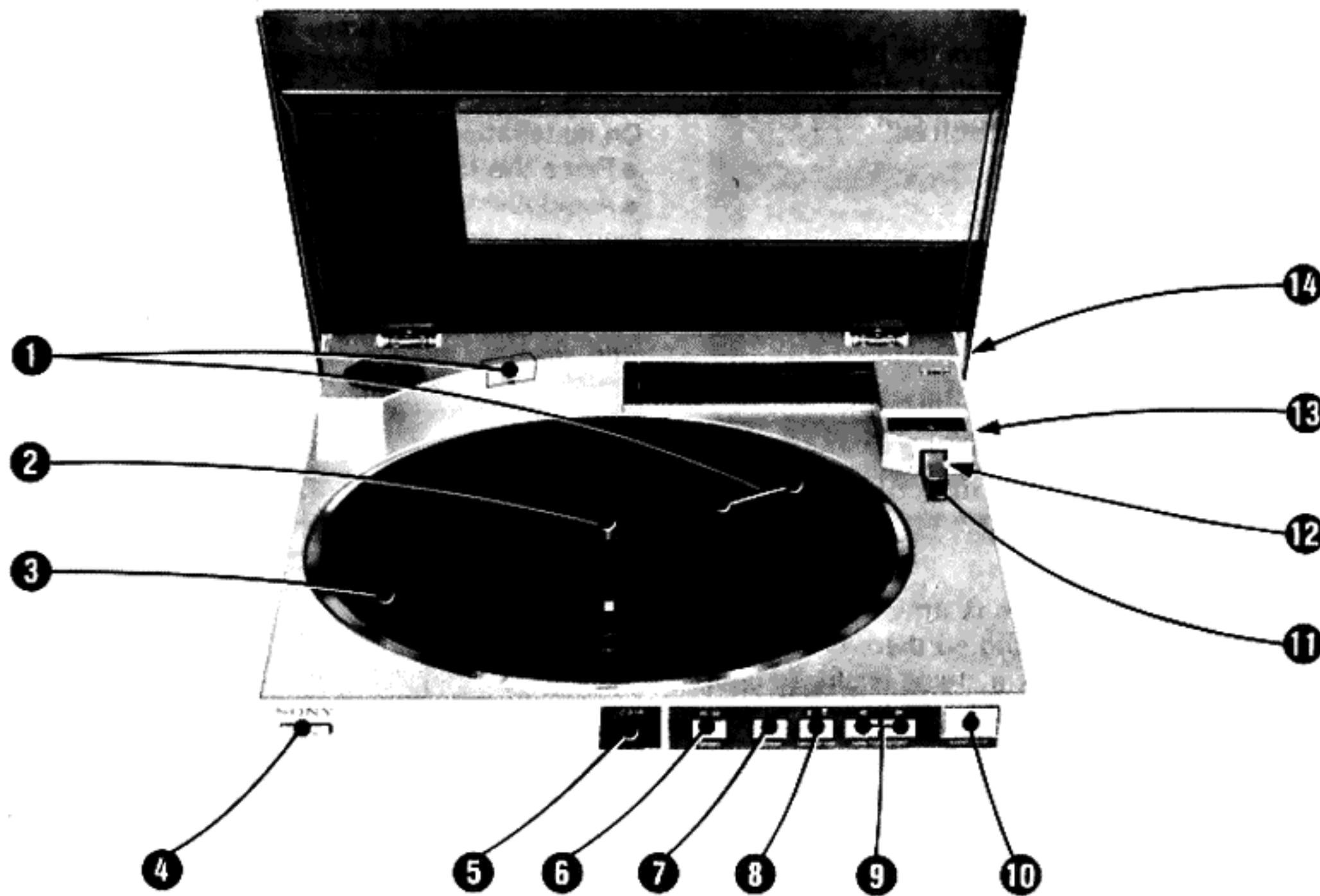
— Specification Label —



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

LOCATION AND FUNCTION OF CONTROLS

The photo shows the assembled turntable.
Each number in the text is keyed to that of the photo.



① Auto-record-size selection holes and lamp

② Center spindle

③ Rubber mat

④ POWER switch

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

⑤ QUARTZ LOCK indicator

The indicator illuminates in green when the turntable rotation is locked to the nominal speed by the quartz lock control system. The indicator goes out when the turntable rotation is out of the nominal speed.

⑥ SPEED selector and indicators

Selects the record speed. When the POWER switch is turned on, the speed is always 33 $\frac{1}{3}$ rpm and the indicator on the right illuminates. When the selector is pressed, 45 rpm is selected and the indicator on the left illuminates.

⑦ 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.

⑧ 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.

⑨ ARM TRANSPORT buttons

To move the tonearm inwards, press the \blacktriangleleft button. To move it outwards, press the \triangleright 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.

⑩ START/STOP button and indicator

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

⑪ Cartridge (Sony VL-45G, optional)

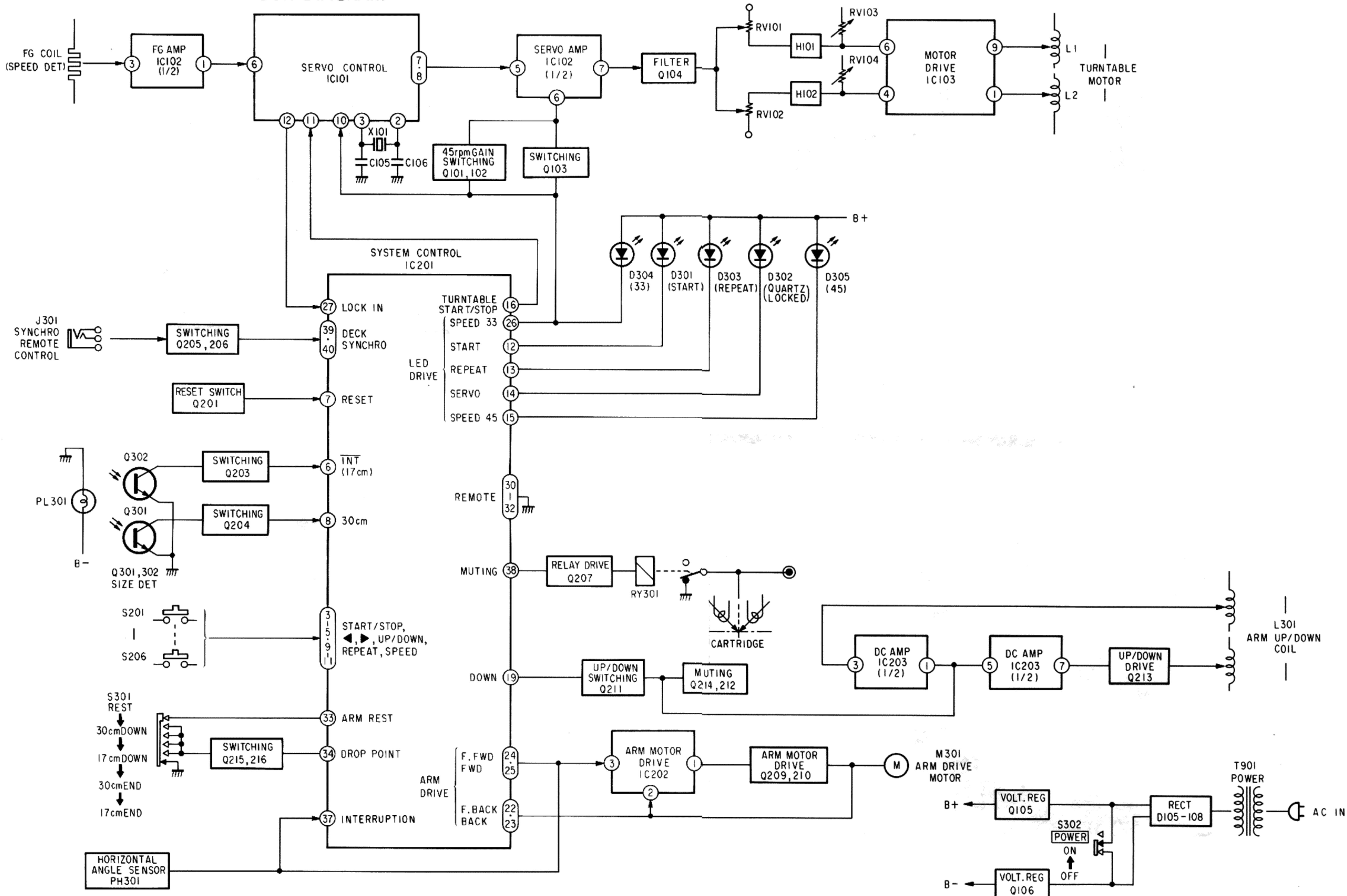
⑫ Cartridge locking screw

⑬ Tracking force adjustment lever

⑭ 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.

SECTION 1
BLOCK DIAGRAM



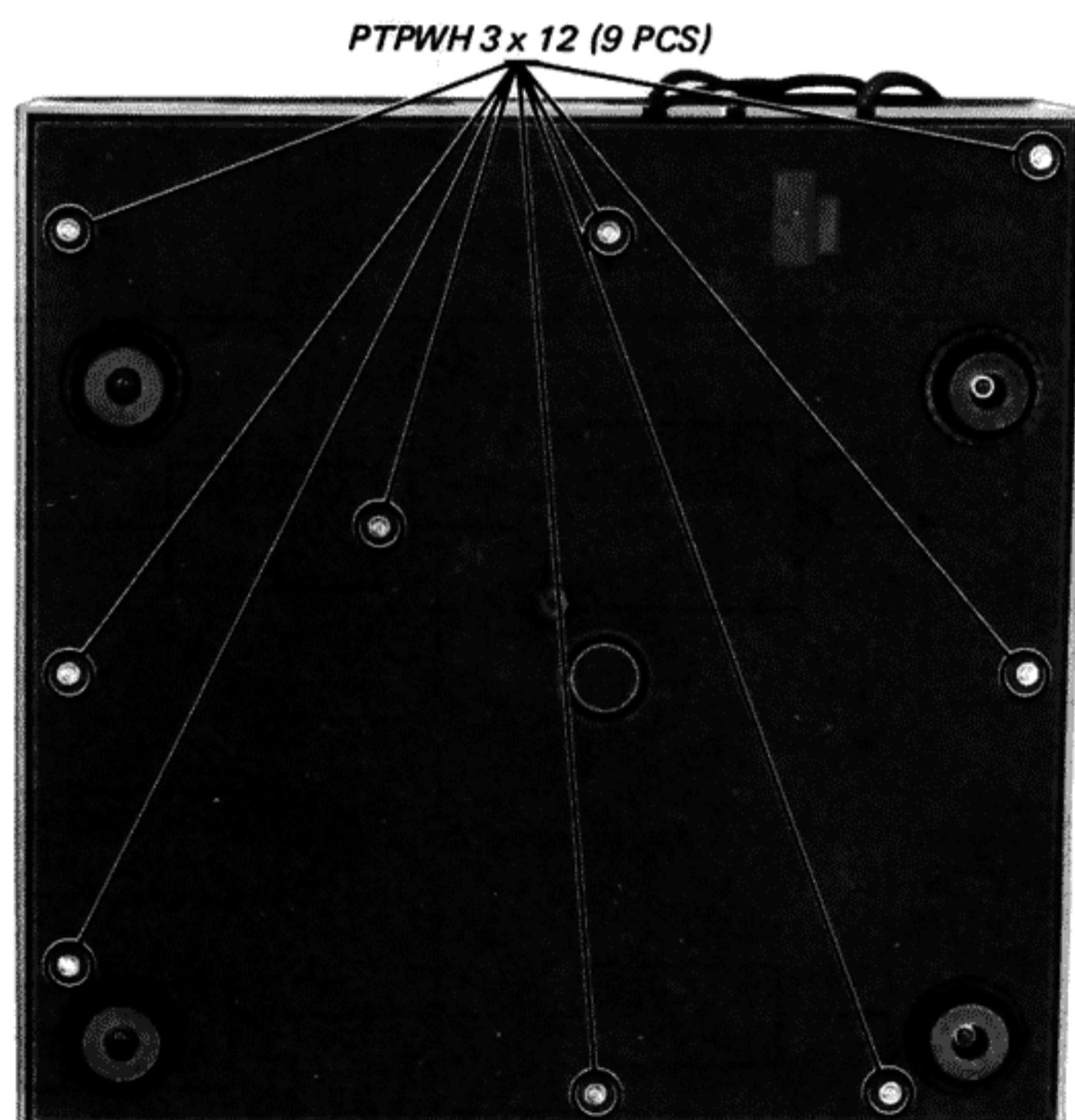
SECTION 2 DISASSEMBLY

2-1. REMOVAL Note: Follow the disassembly procedure in the numerical order given.

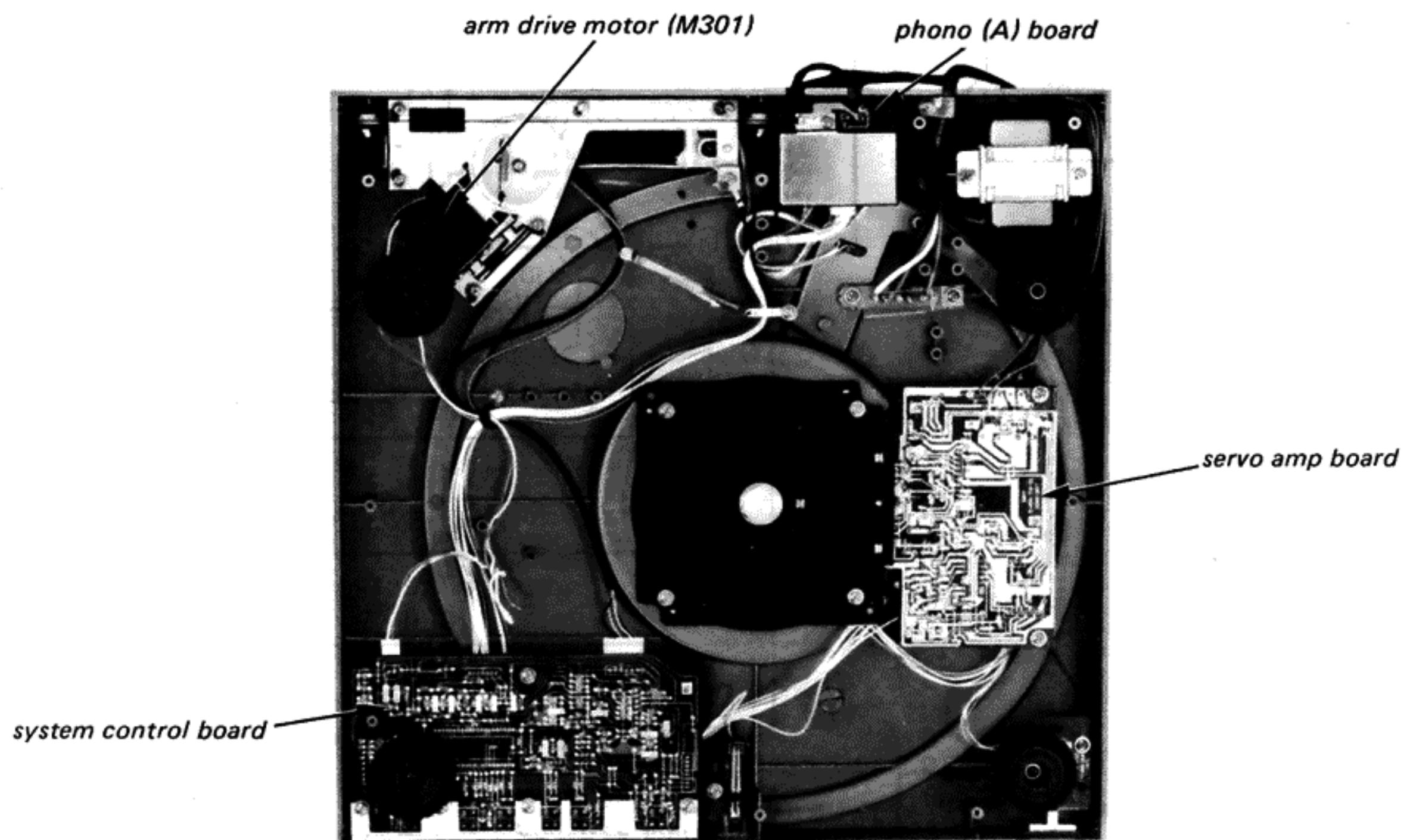
DUST COVER/TURNTABLE



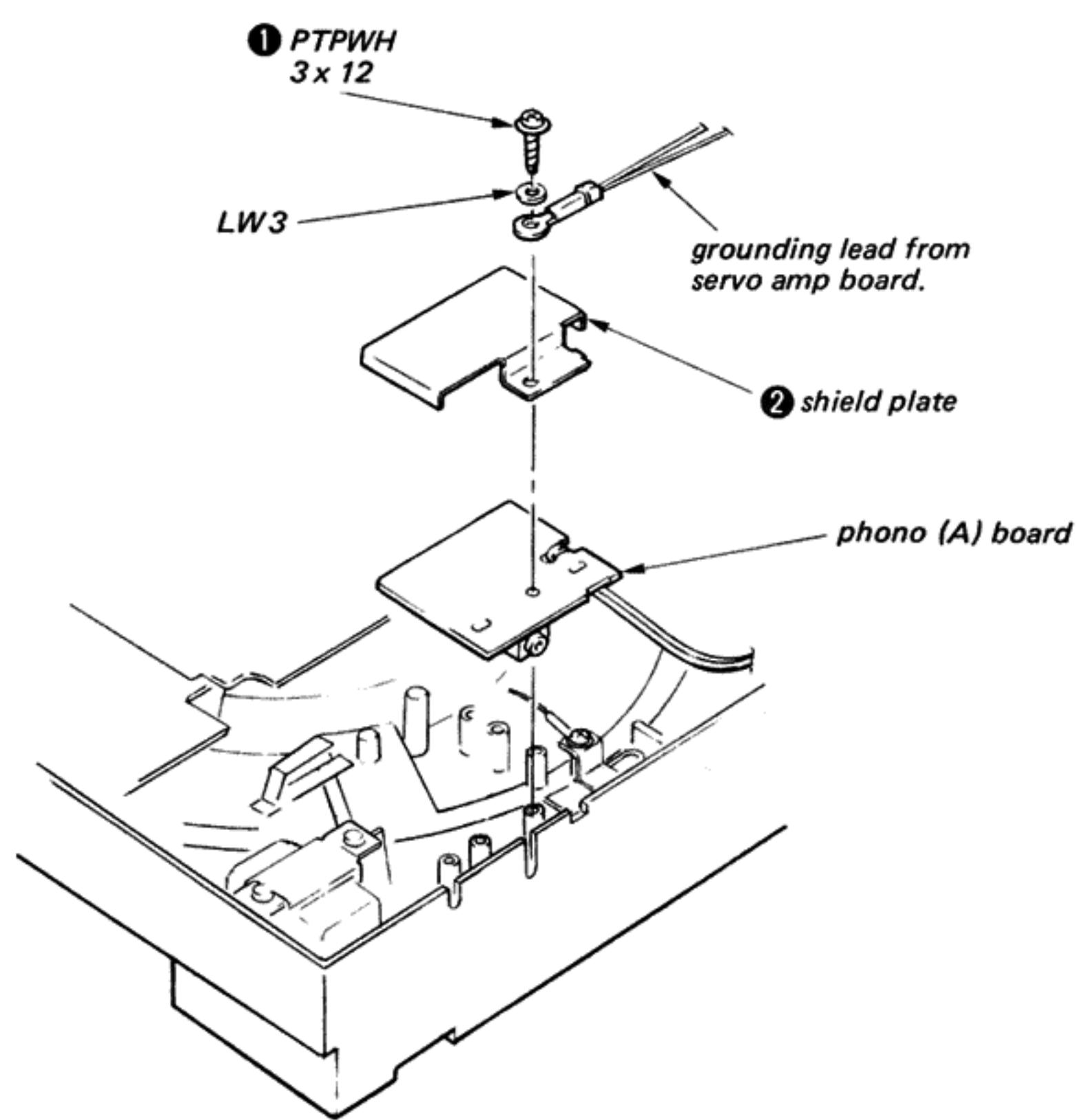
BOTTOM PLATE



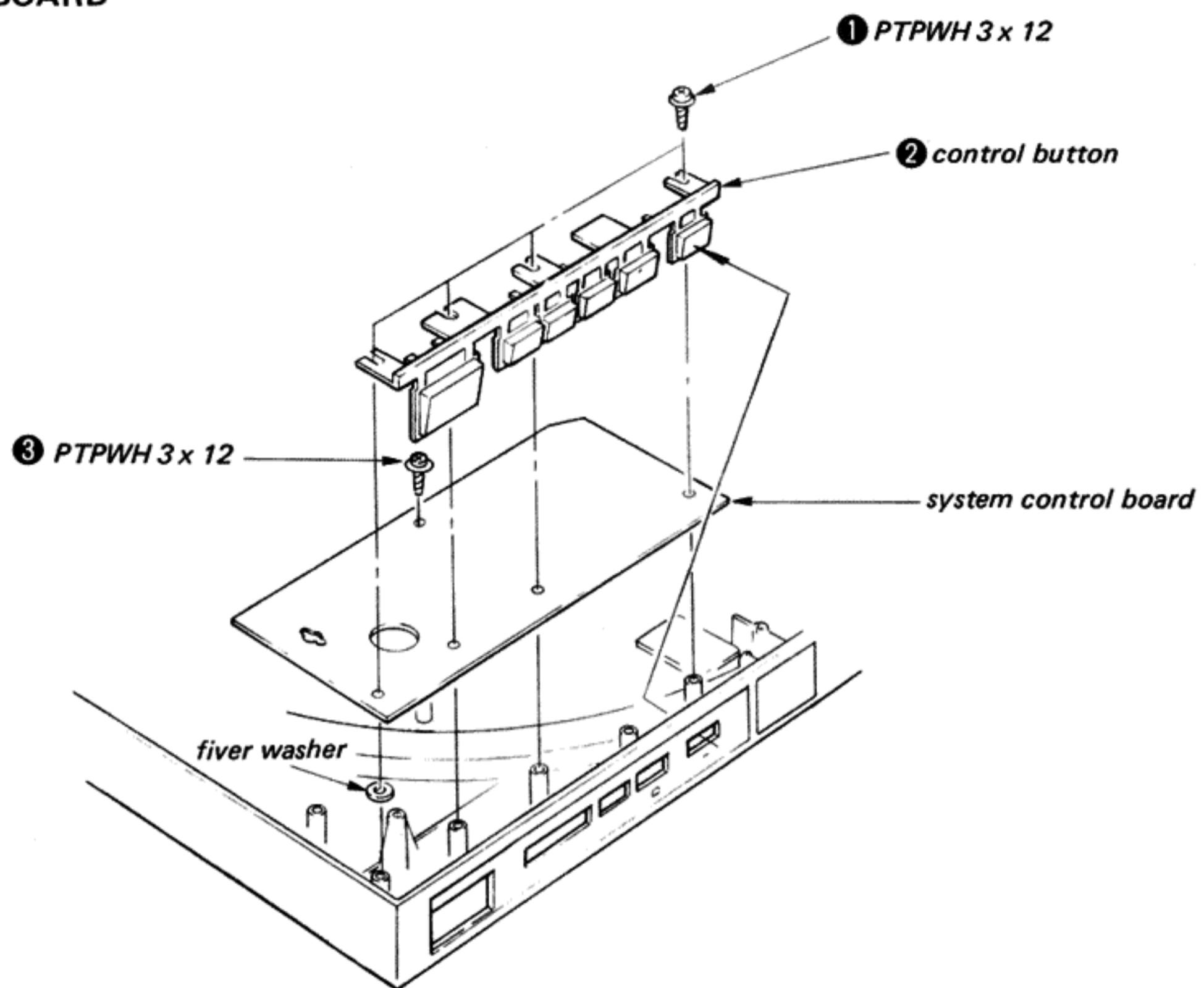
—With bottom plate removed—



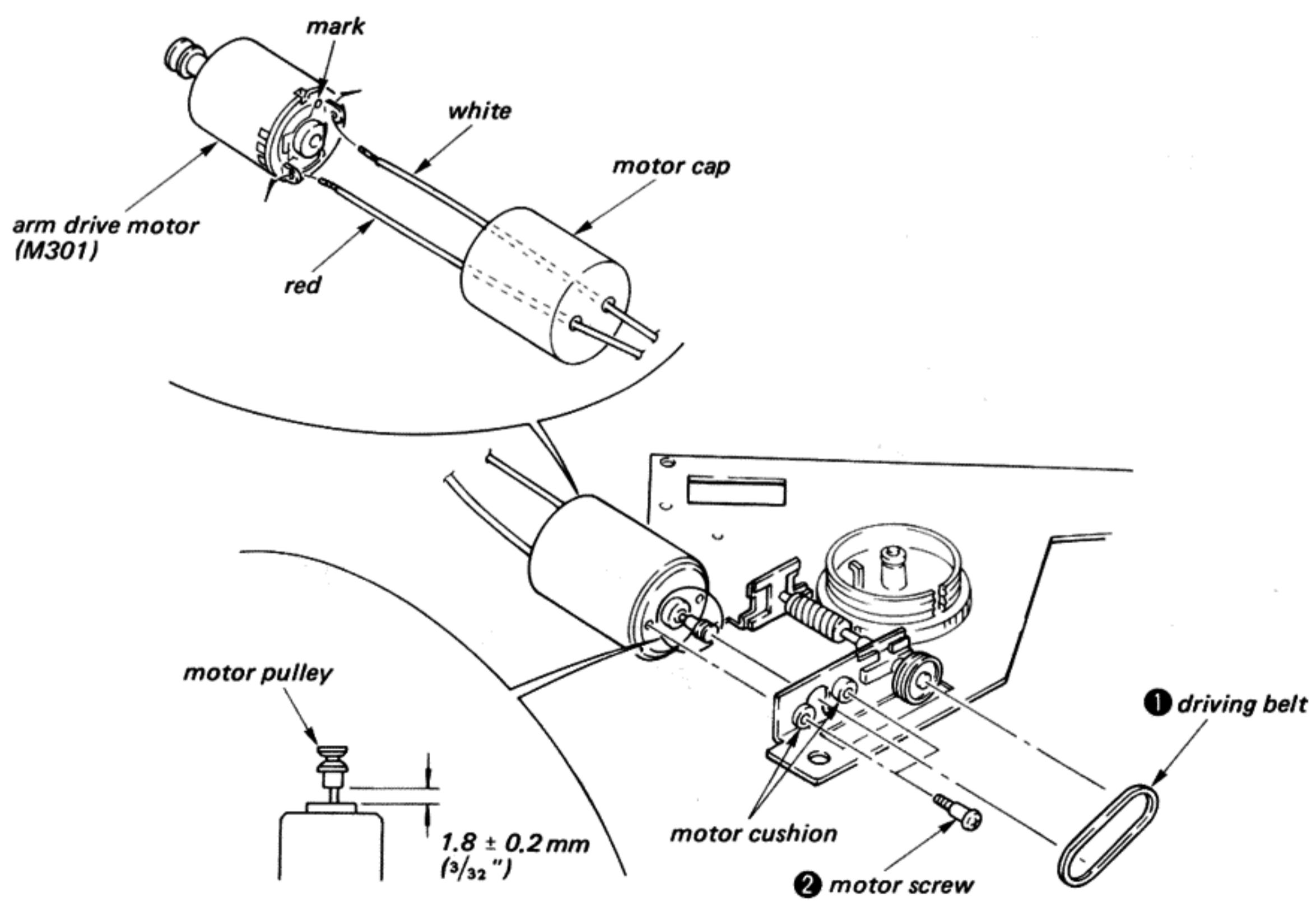
PHONO (A) BOARD



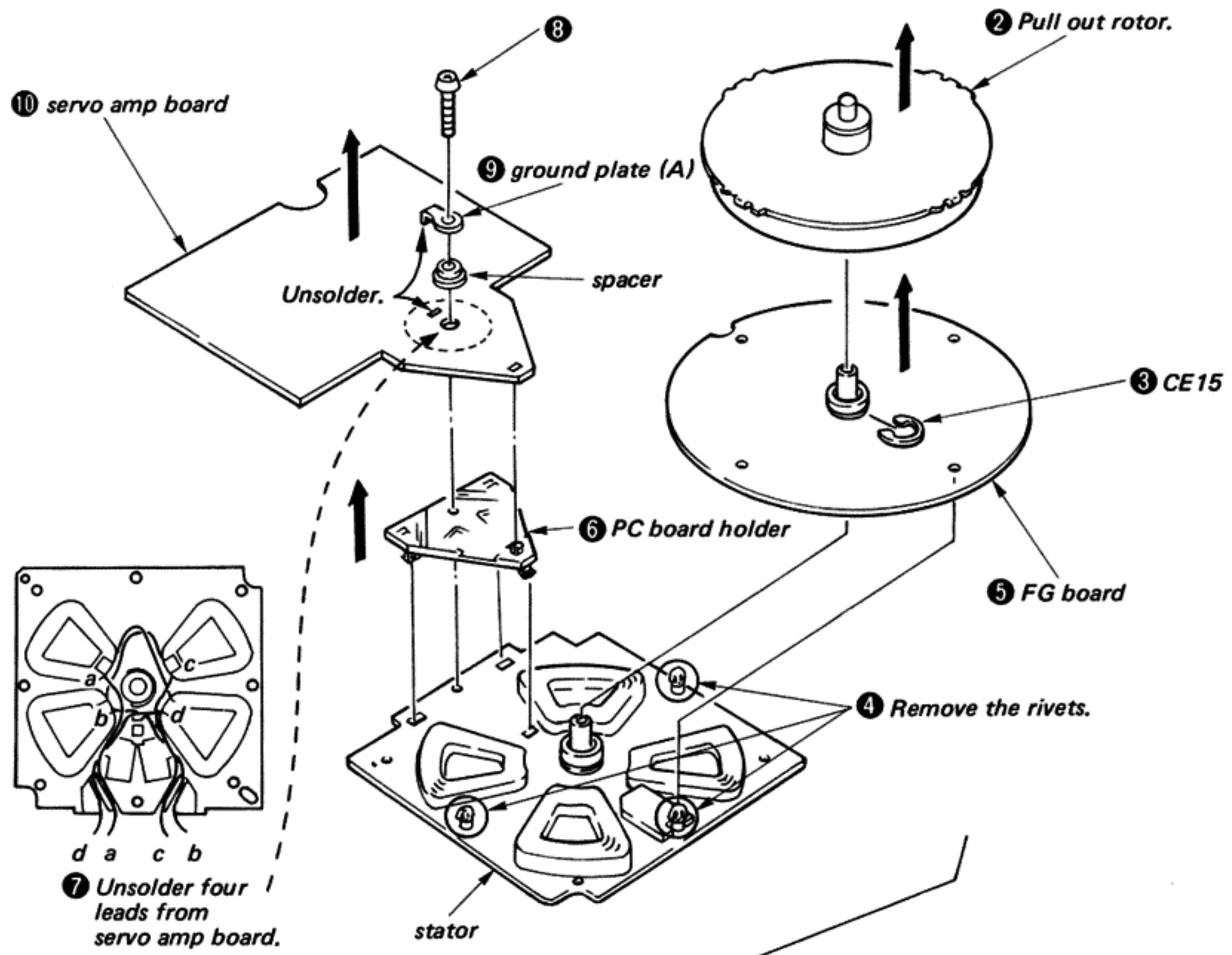
SYSTEM CONTROL BOARD



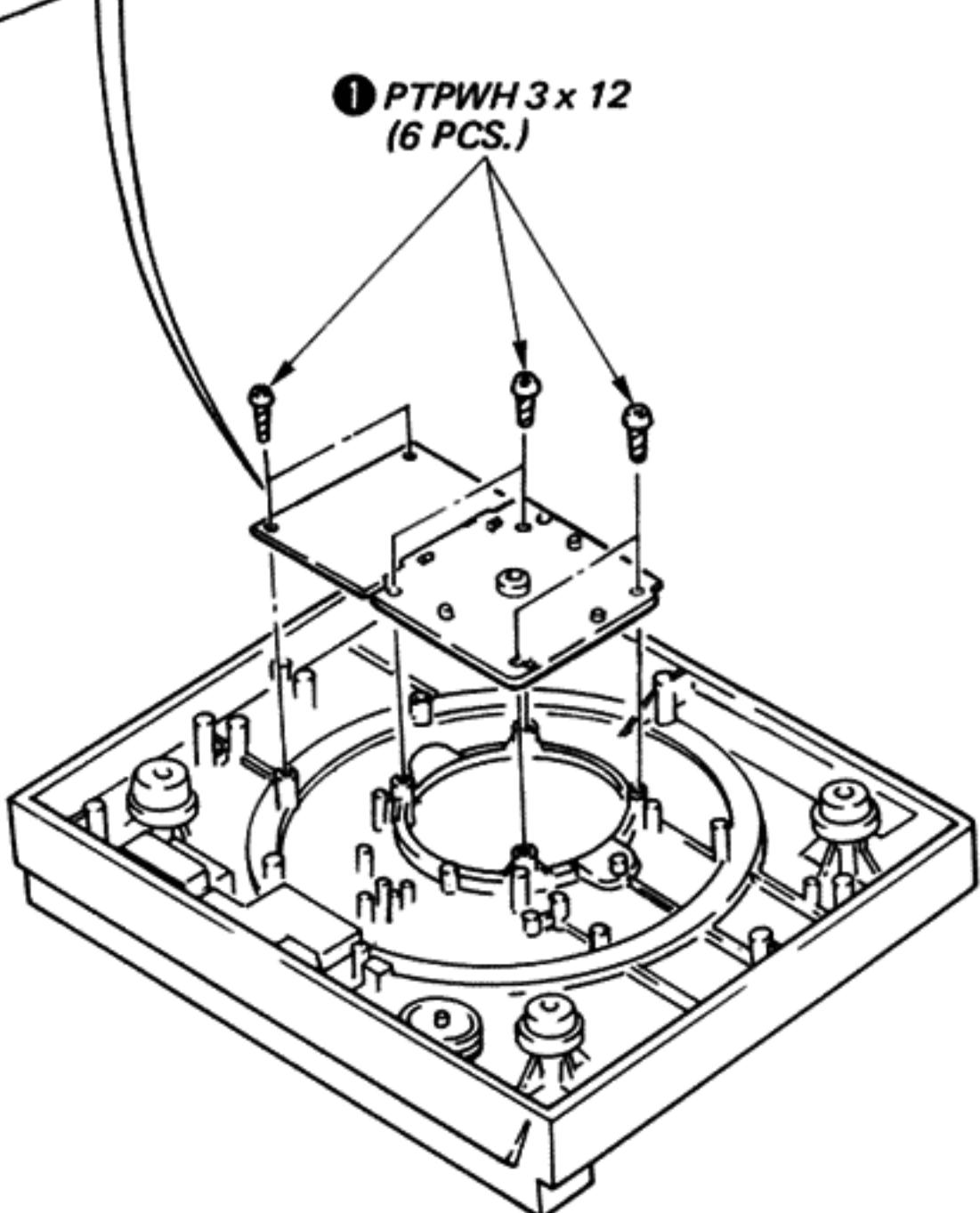
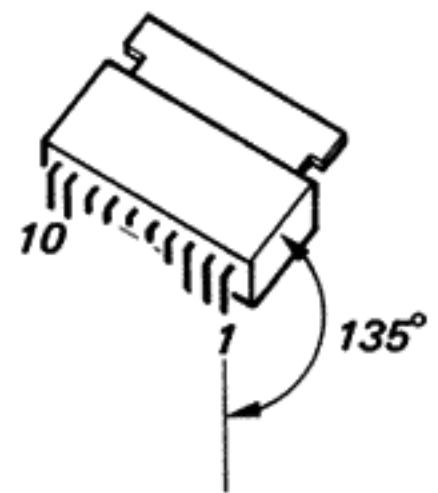
TONEARM DRIVE MOTOR (M301)



ROTOR/STATOR/FG BOARD/SERVO AMP BOARDS

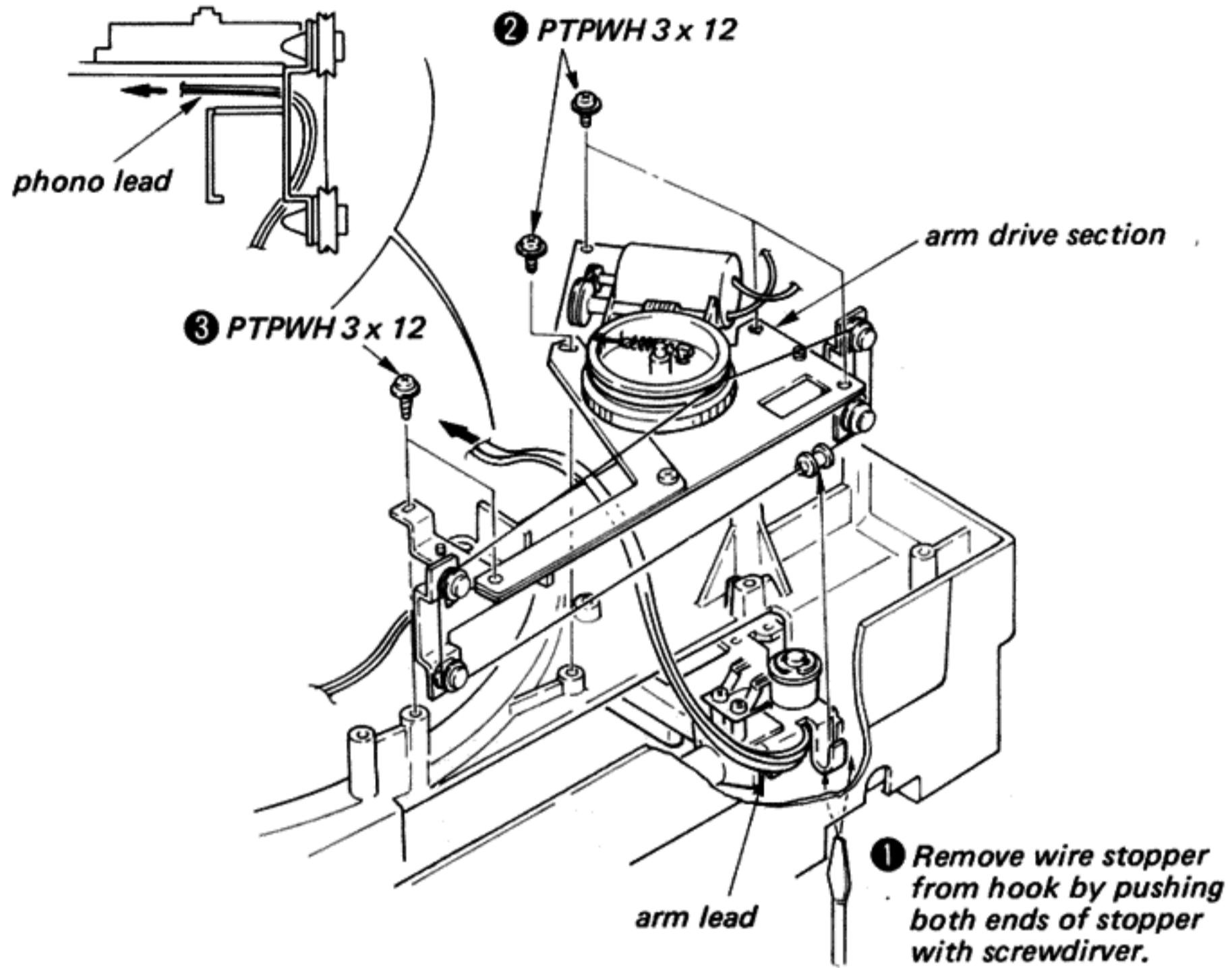


Note: When IC103 on servo amp board is replaced, bend its leads 45° to provide clearance between frame.



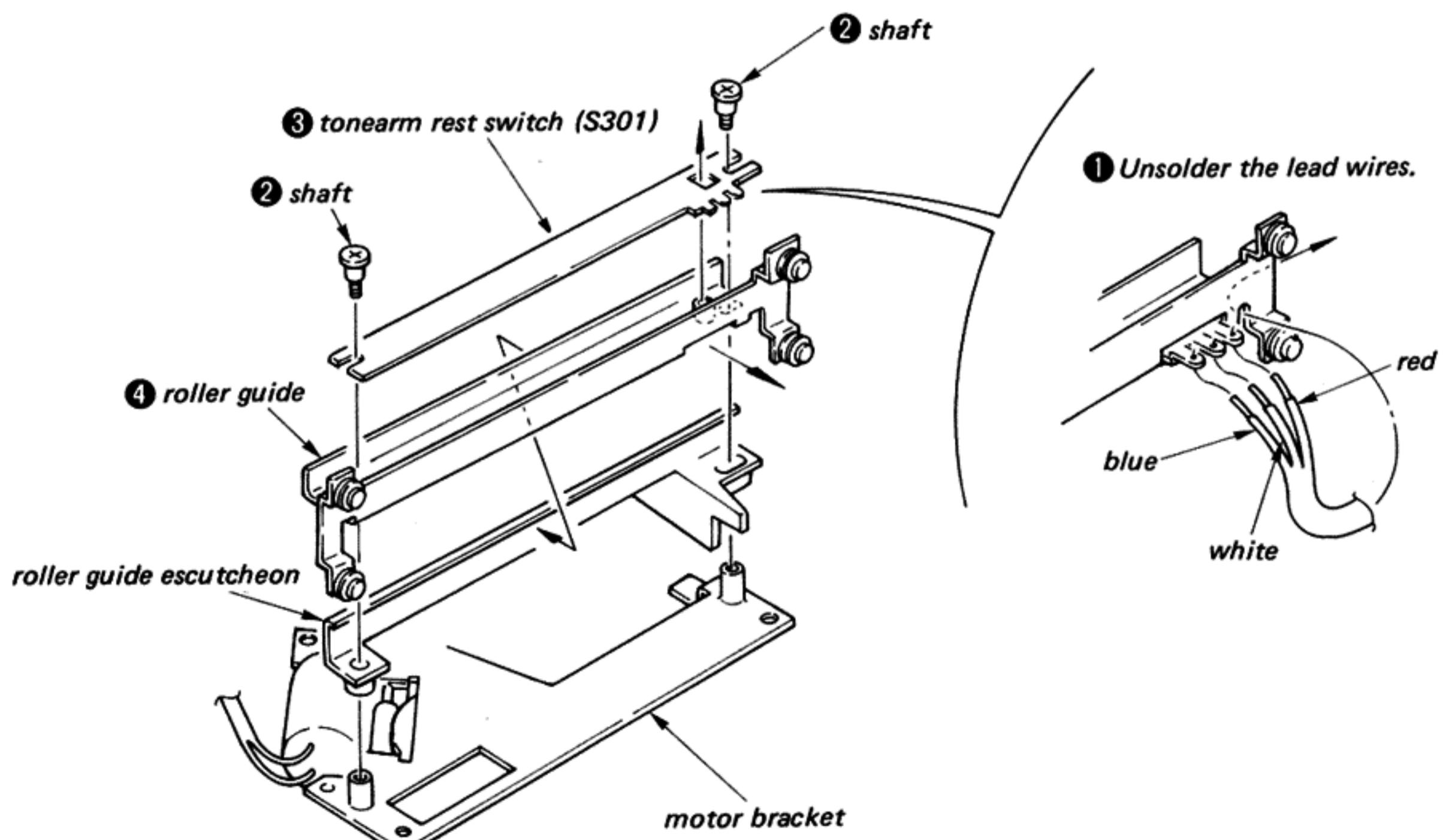
Remove the bottom plate.
(See page 7.)

TONEARM DRIVE SECTION

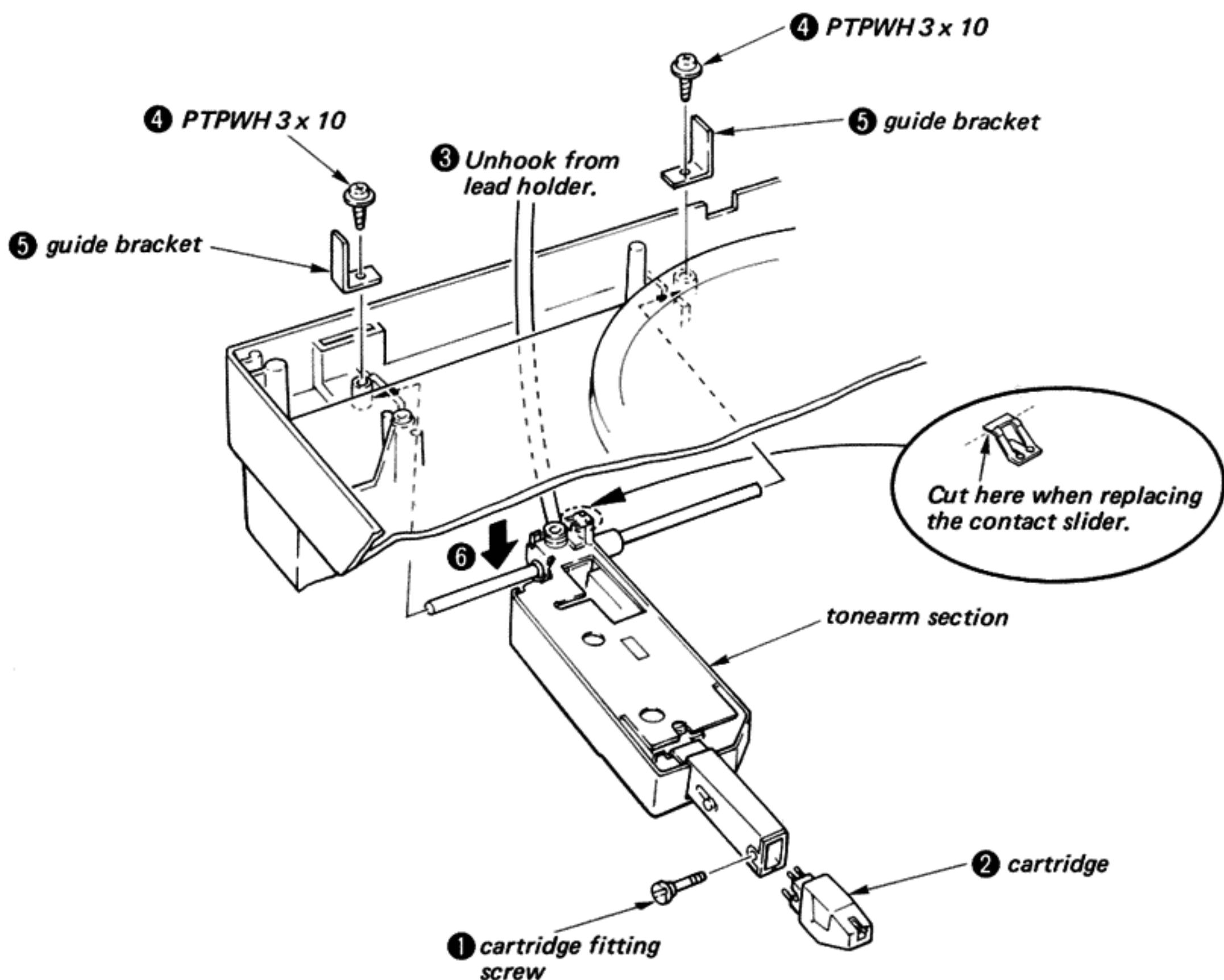


TONEARM DRIVE CORD STRINGING
(See page 15.)

TONEARM REST SWITCH (S301)/ROLLER GUIDE

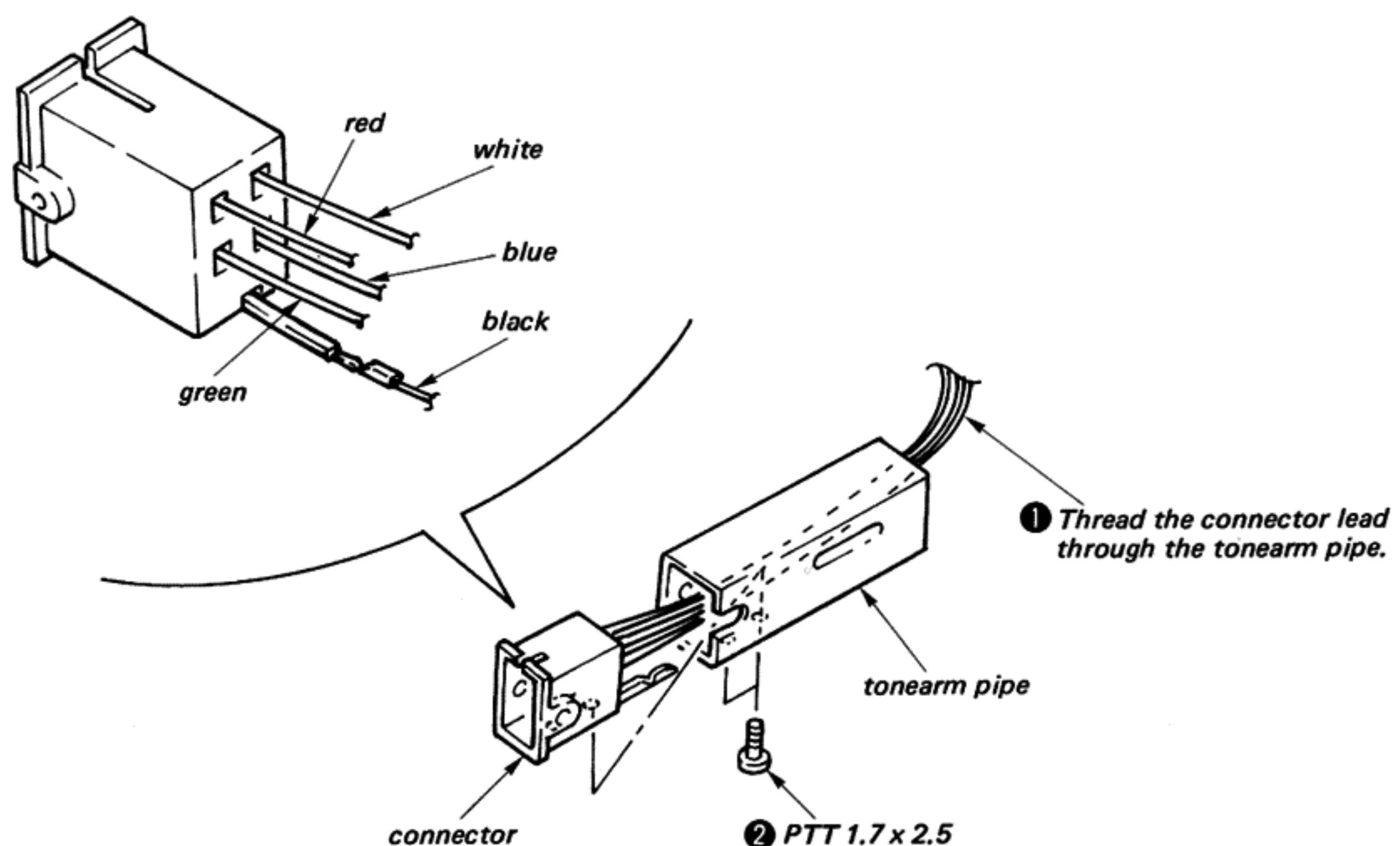


TONEARM

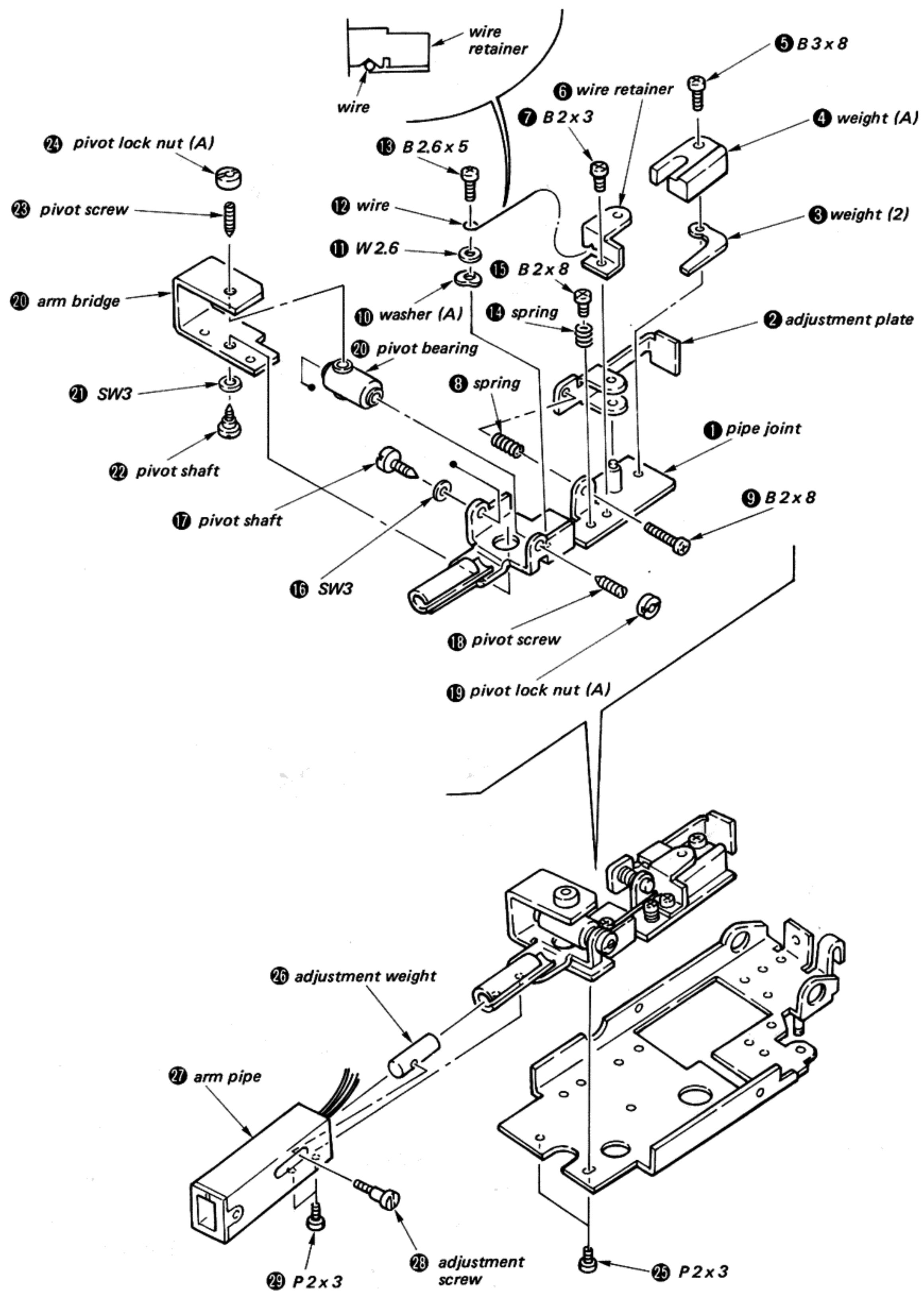


2-2. TONEARM ASSEMBLING

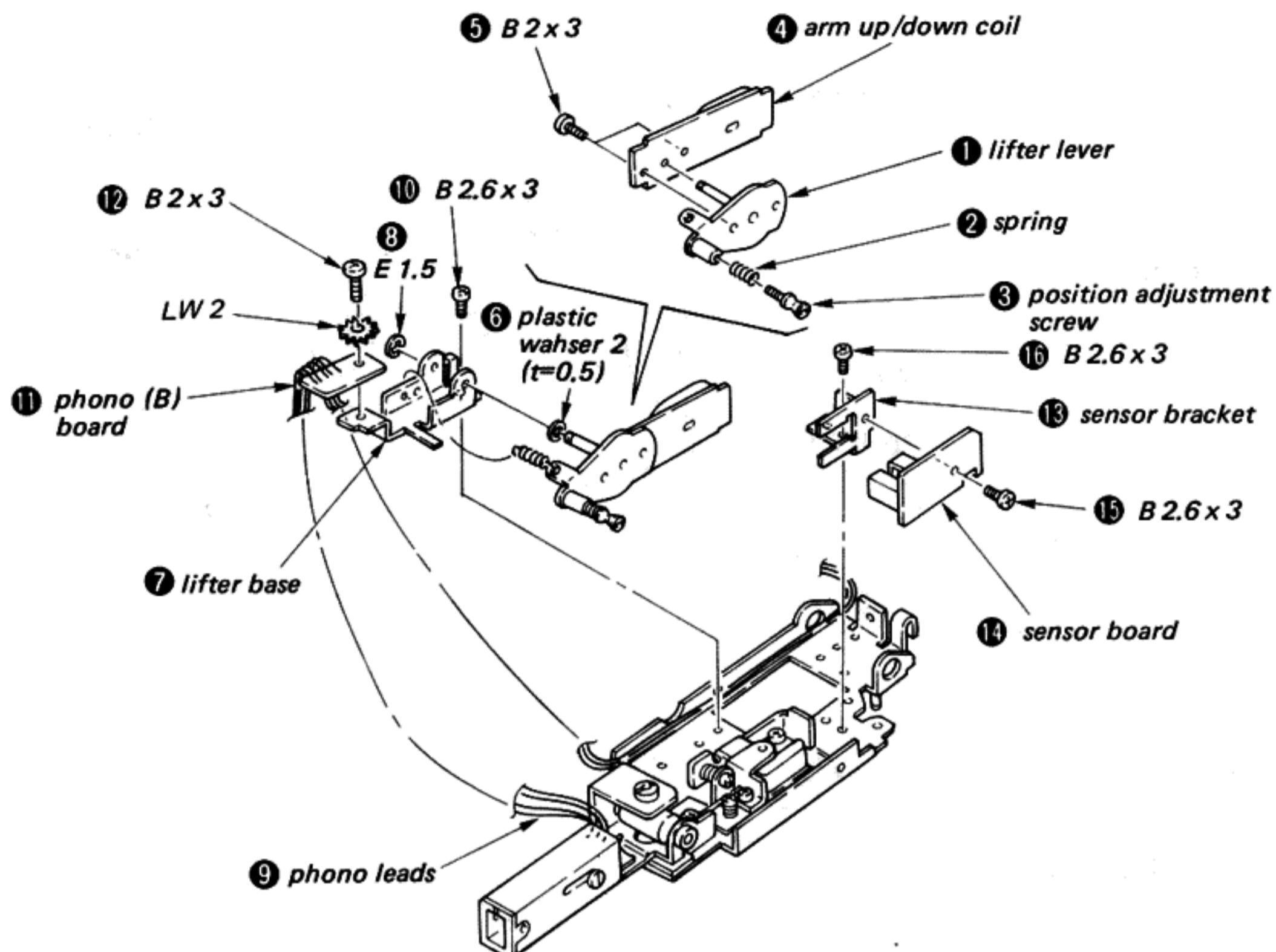
TONEARM ASSEMBLING (1)



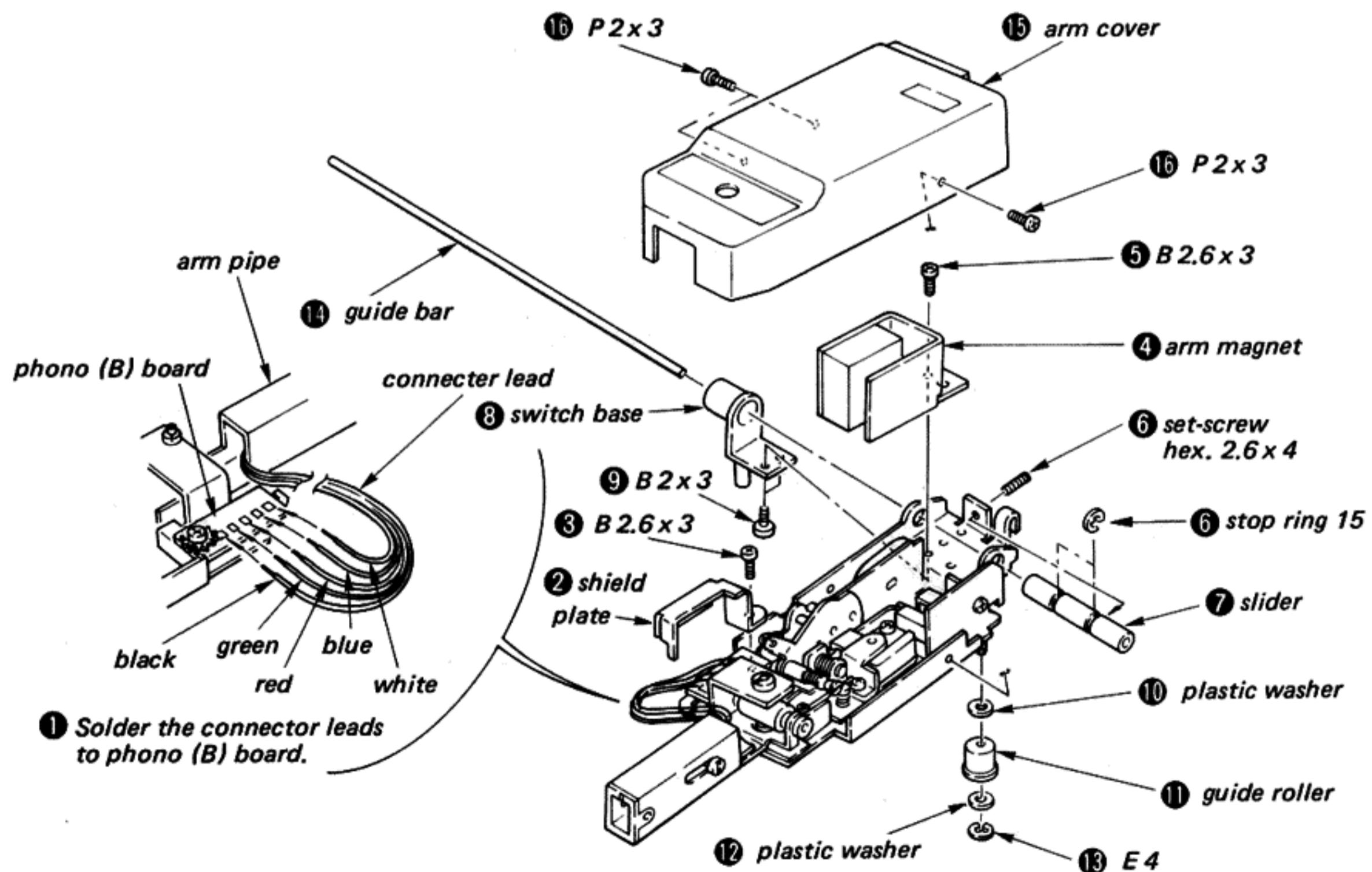
TONEARM ASSEMBLING (2)



TONEARM ASSEMBLING (3)

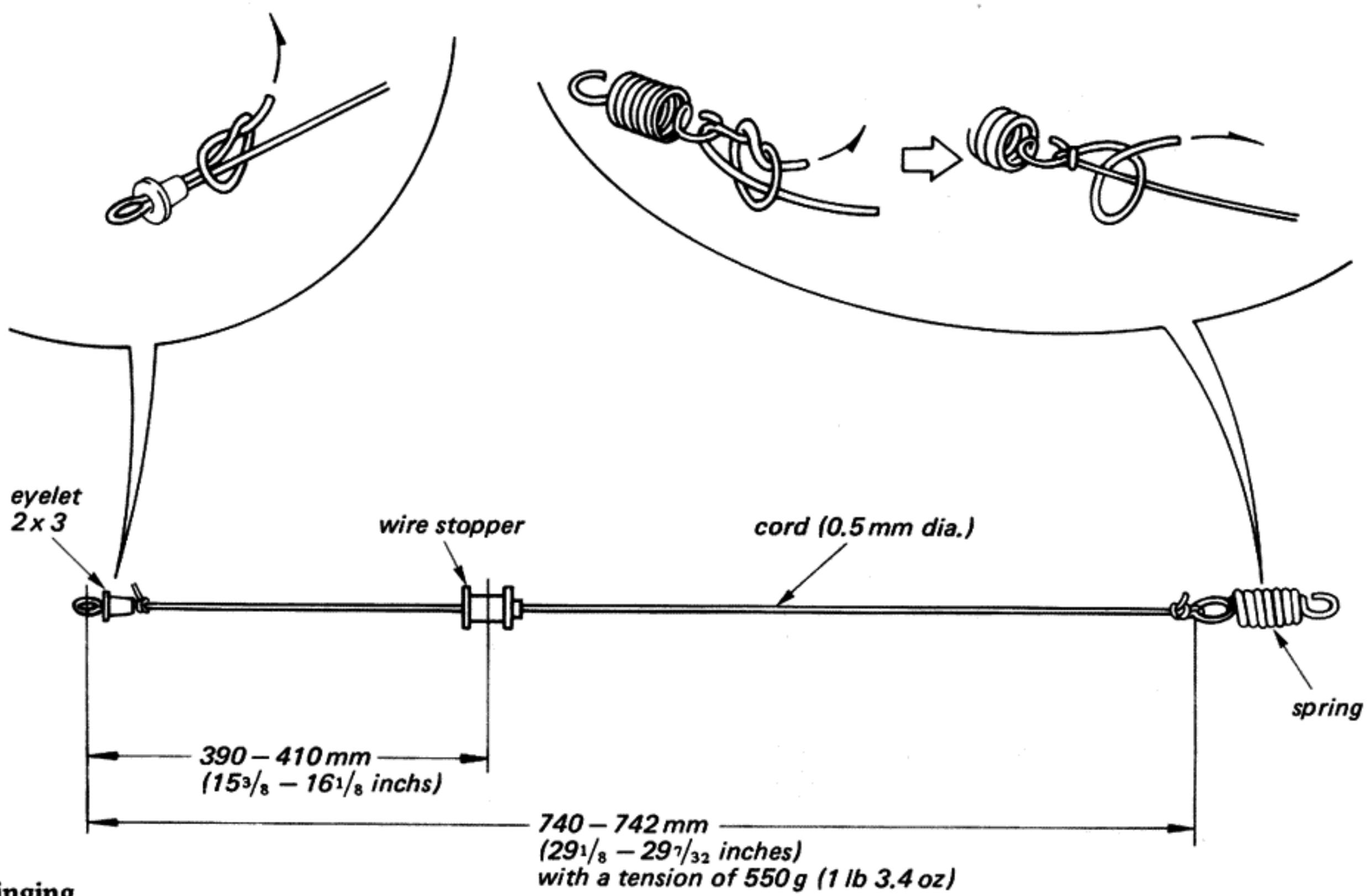


TONEARM ASSEMBLING (4)

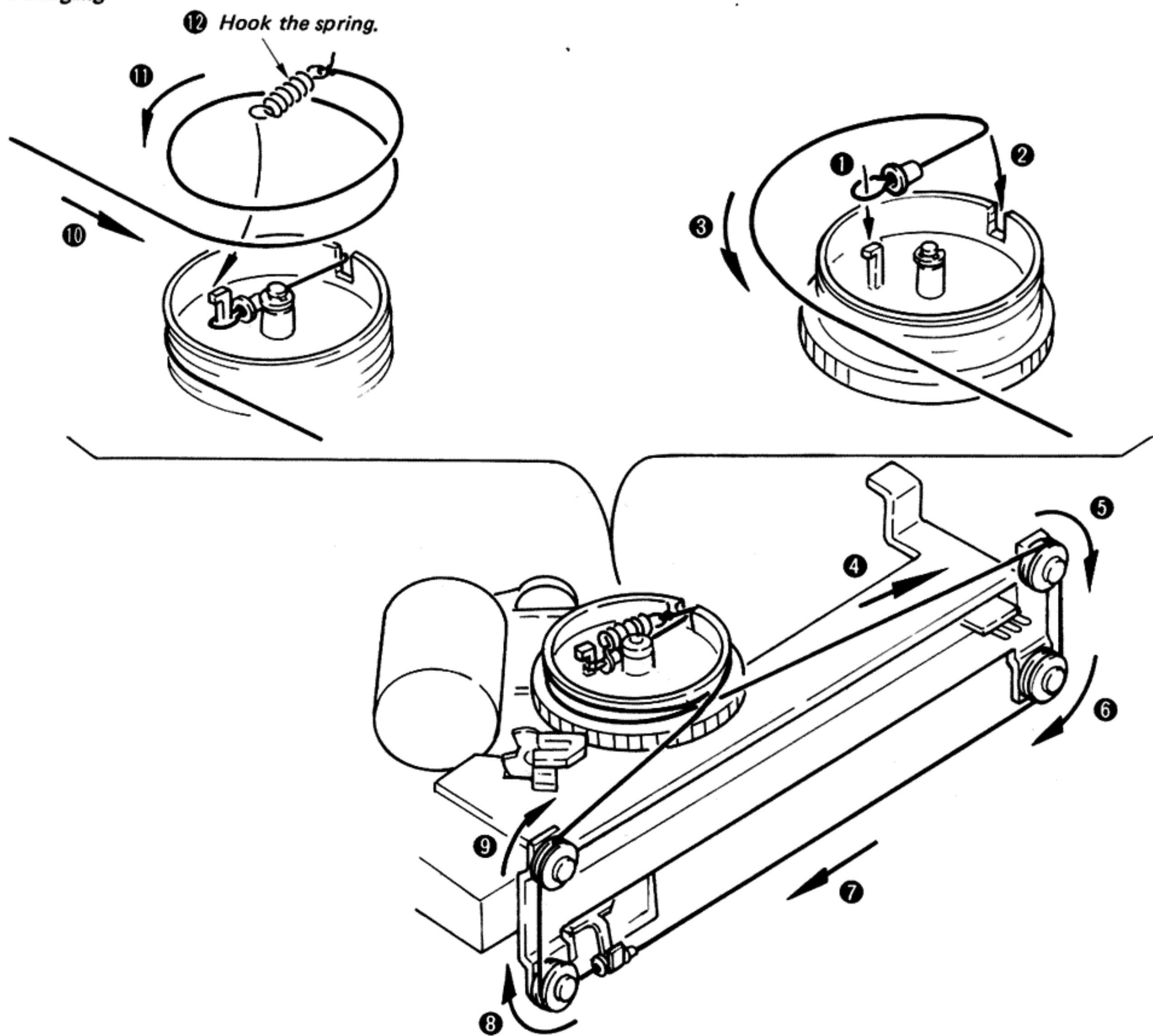


2-3. TONEARM DRIVE CORD STRINGING

(1) Preparation



(2) Stringing

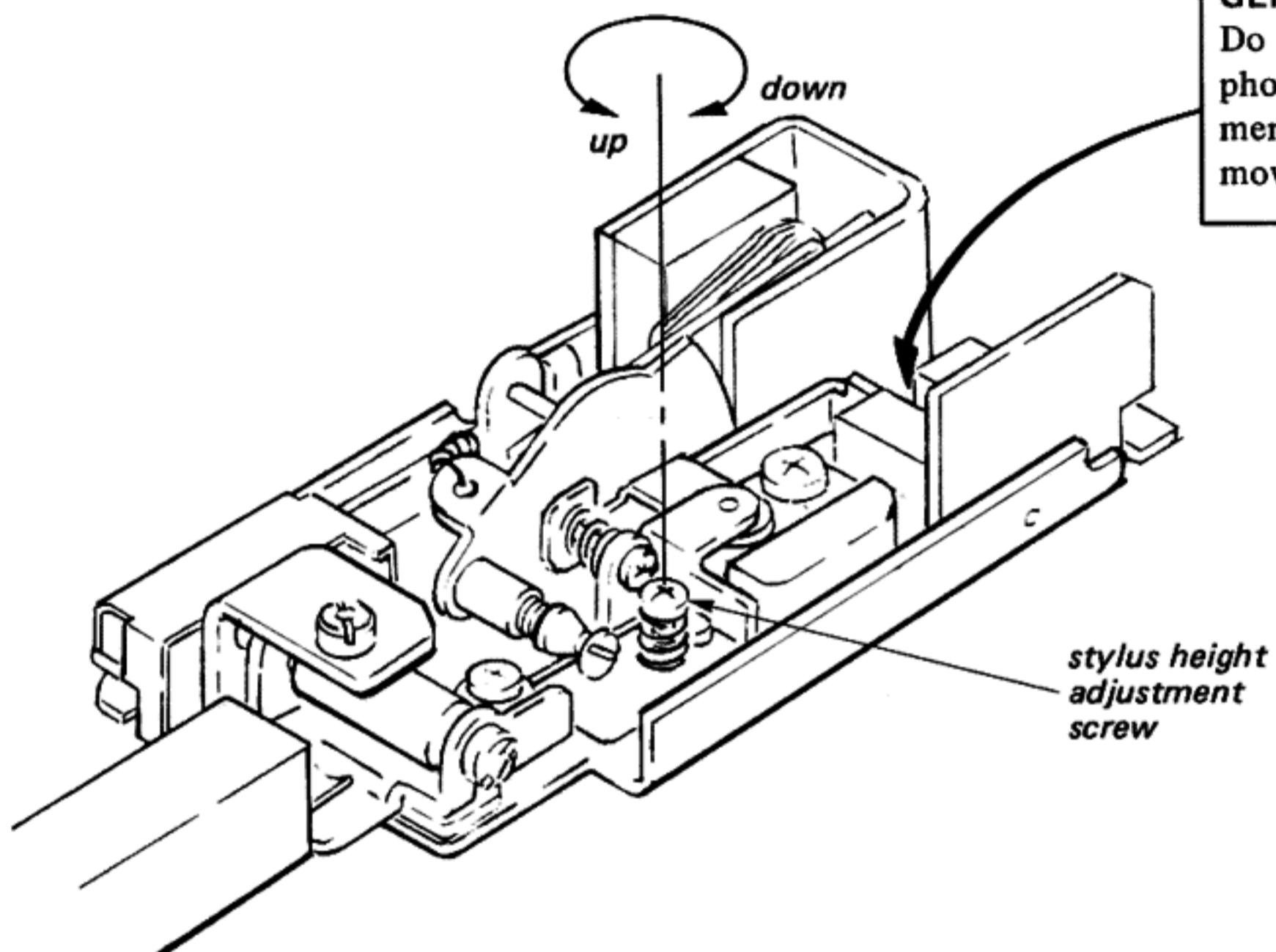
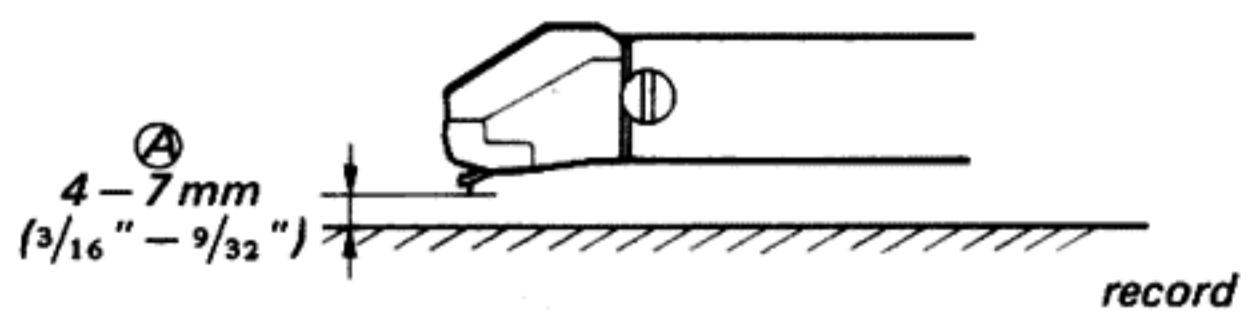


SECTION 3 ADJUSTMENTS

3-1. MECHANICAL ADJUSTMENTS

Stylus Height Adjustment

1. Put a record.
2. Press ARM TRANSPORT button (\blacktriangleleft) and move the arm outside the record.
3. Make sure that clearance **A** is 4 – 7 mm ($3/16$ – $9/32$ inches). If necessary, adjust the stylus height adjustment screw.

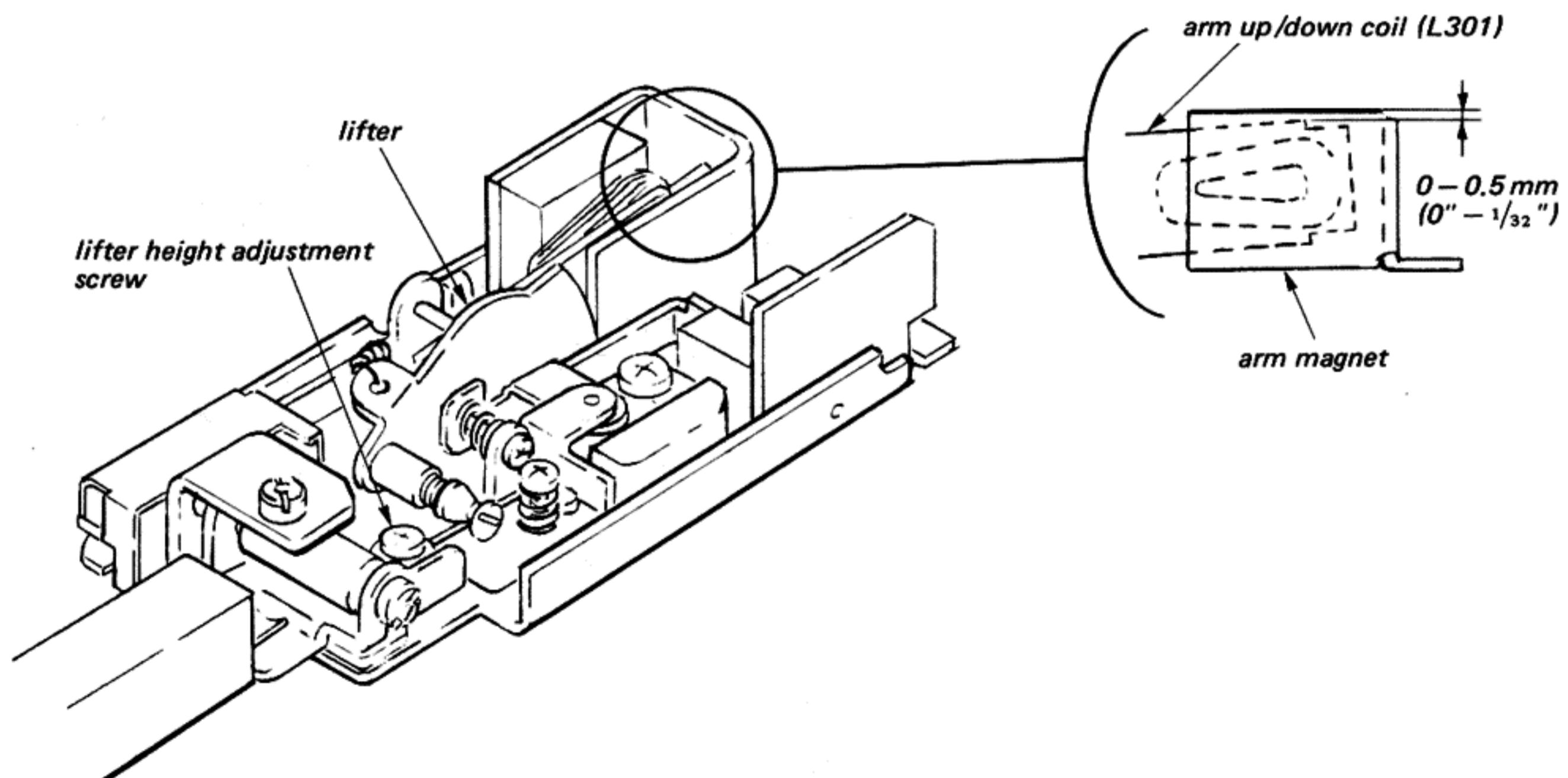


GENERAL NOTE:

Do not let a strong light get in the groove of photo interruptor during mechanical adjustment. Otherwise, misoperation of stoppage or moving may occur to the tonearm base.

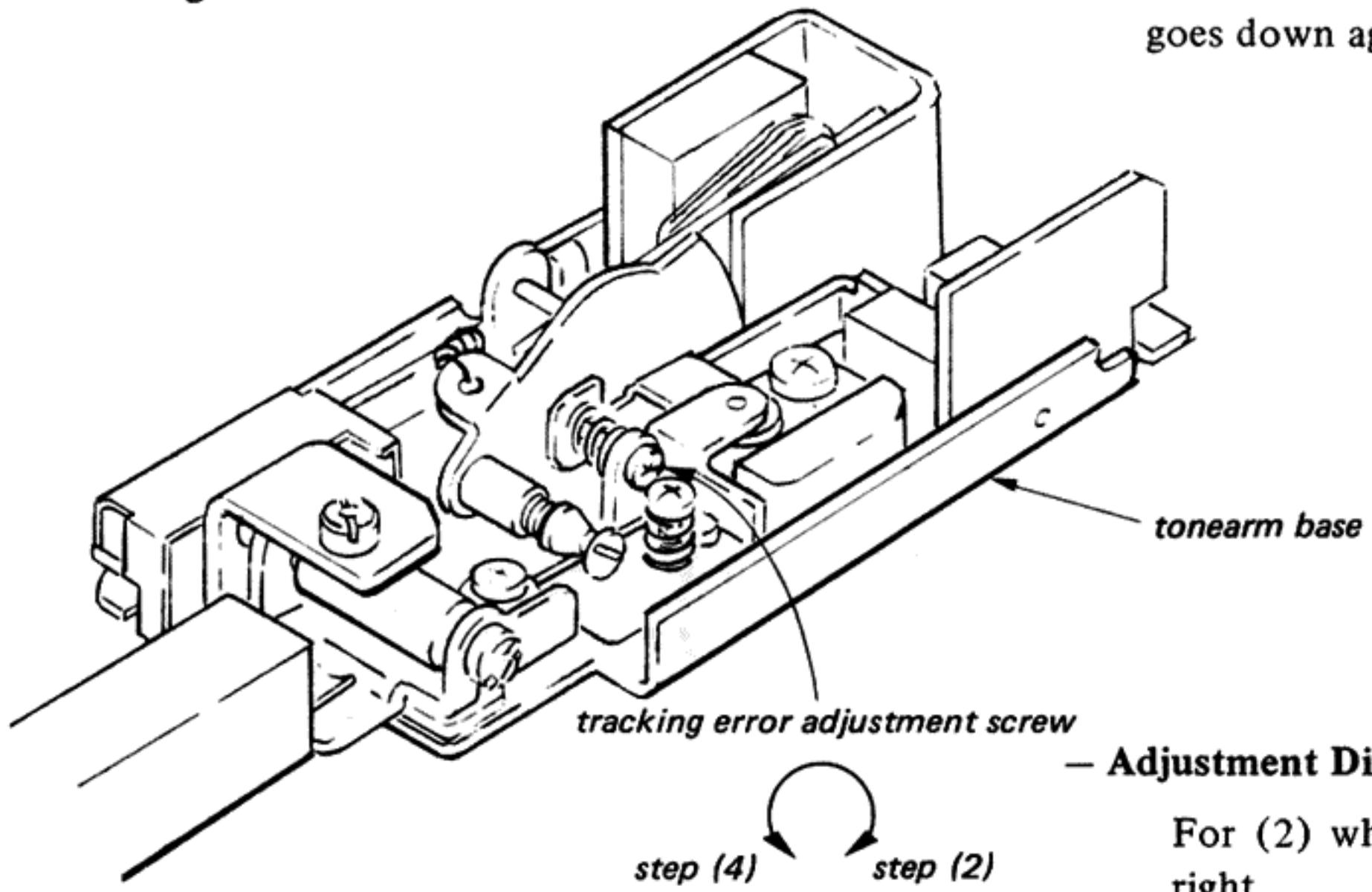
Lifter Height Adjustment

Adjust the lifter height adjustment screw so that the arm up/down coil position is 0 – 0.5 mm (0" – $1/32$ ") as shown below.



Tracking Error Adjustment

- (1) Place a test record (YFSC-16) on the turntable and press the START/STOP button for lead-in.
- (2) Adjust with the adjustment screw so that the tonearm base does not move just after the tonearm goes down.
- (3) After completing step (2), cause the tonearm to lead in, and then go UP after the tonearm base moves.
- (4) Check the count at this time, and then check that the difference in count when the tonearm goes down again is within 5 counts.



— Adjustment Direction —

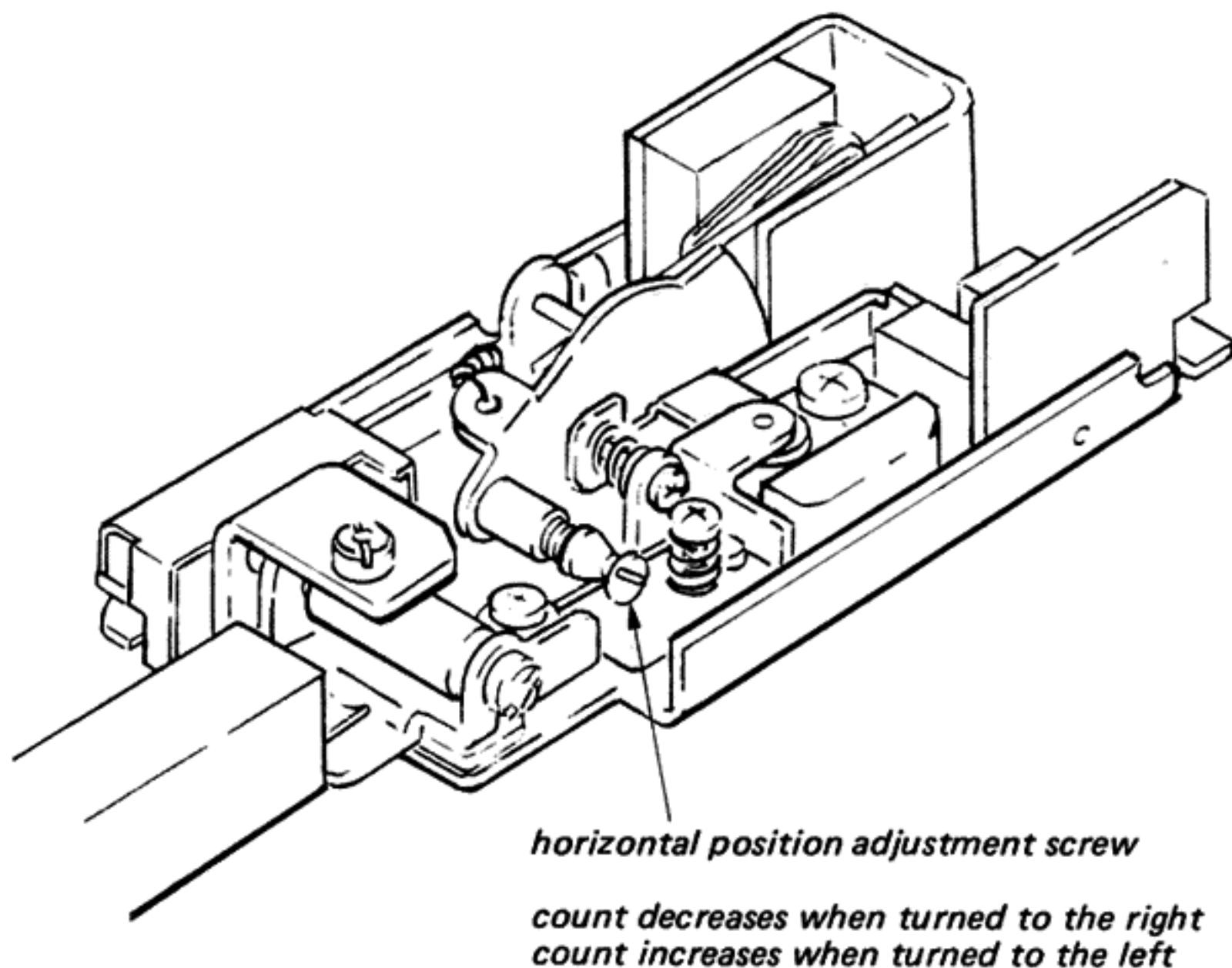
For (2) when the arm base moves, turn to the right.

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

Drop Point (30 cm) 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.

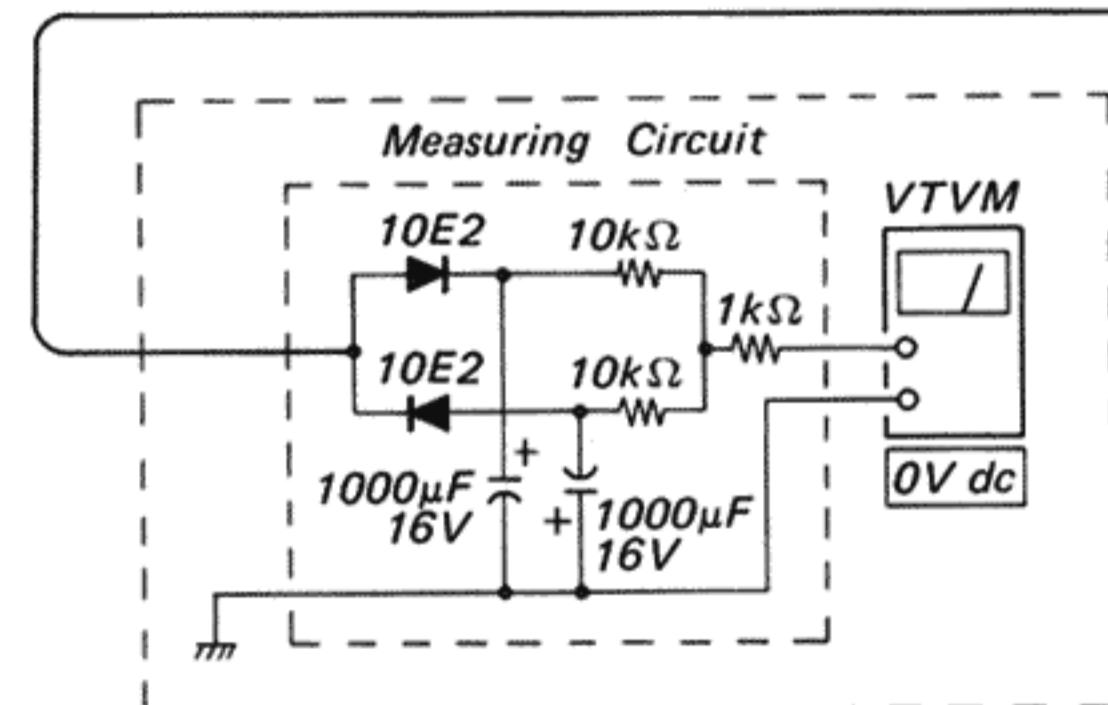
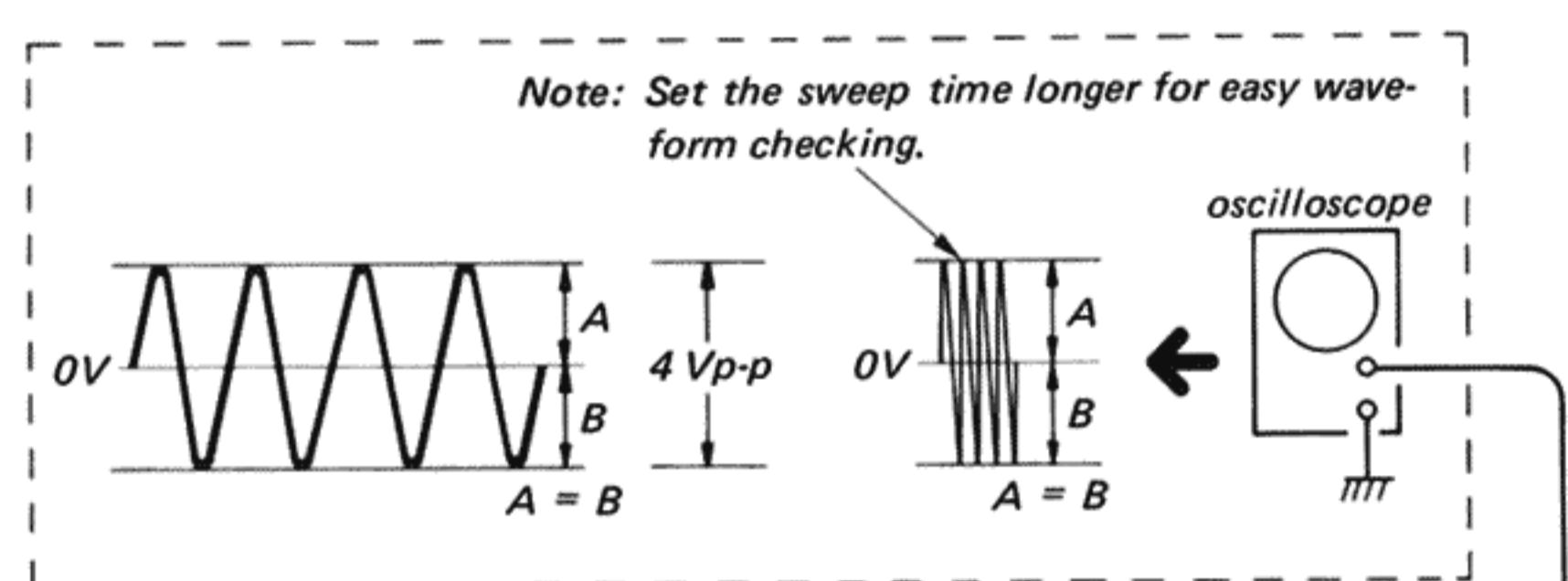
Specification: 9 – 14 counts



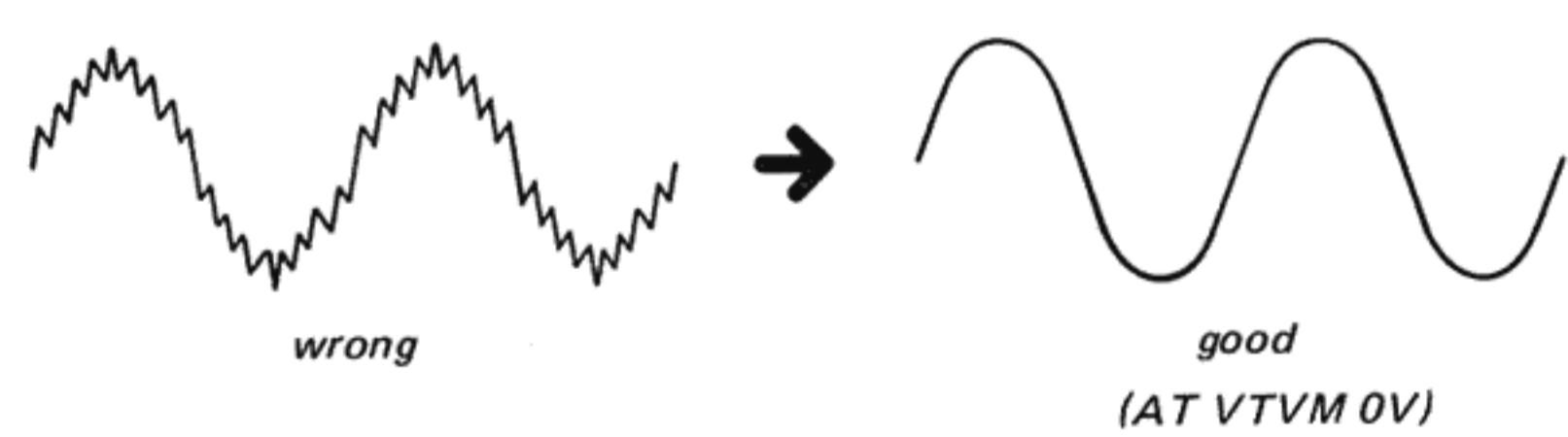
3-2. ELECTRICAL ADJUSTMENT

Gain/Offset Adjustment

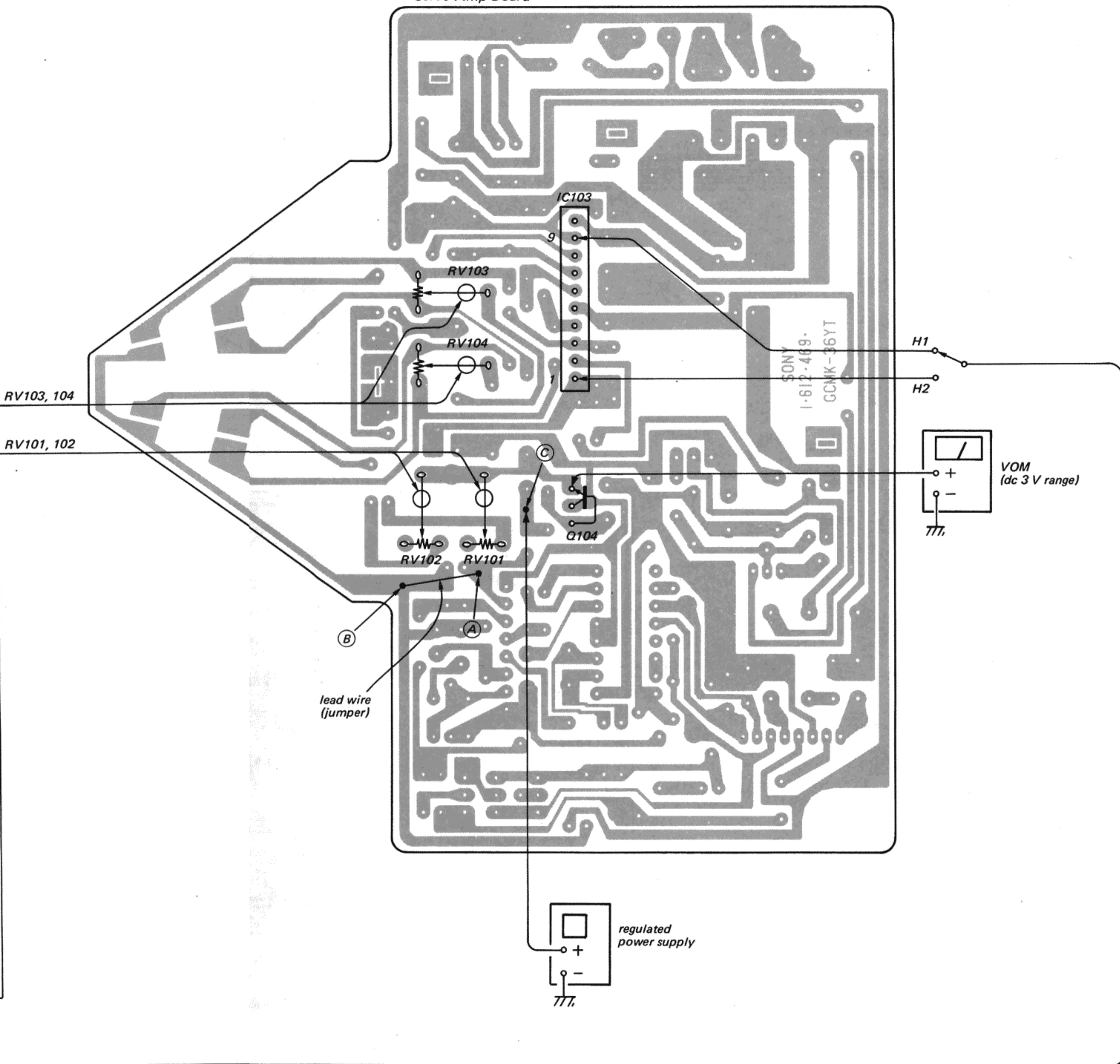
1. Connect the pattern **(A)** to **(B)**, and apply regulated power supply (0V DC) to point **(C)**.
2. Connect a VOM to the emitter of Q104, and adjust the regulated power supply voltage for 1V DC.
3. Adjust RV101 (H1) and RV102 (H2) so that the terminal voltage of IC103 **(9)** (H1) and **(1)** (H2) are 4Vp-p. Gain Adjustment
4. Adjust RV103 (H1) and RV104 (H2) so that the terminal waveforms of IC103 **(9)** (H1) and **(1)** (H2) are as shown below (or so that DC potential is 0V). Offset Adjustment
5. After adjustment, remove the lead wire connecting pattern **(A)** to **(B)**.



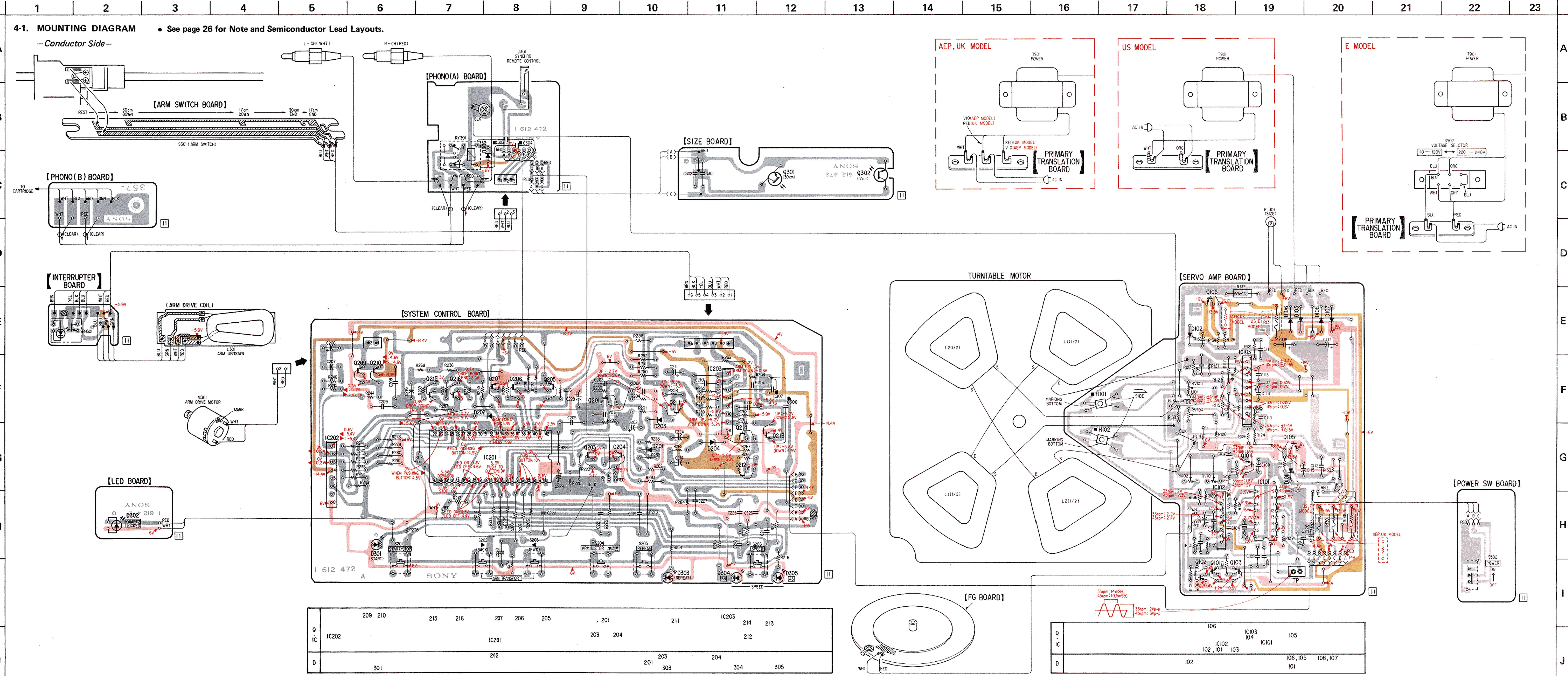
Offset Adjustment



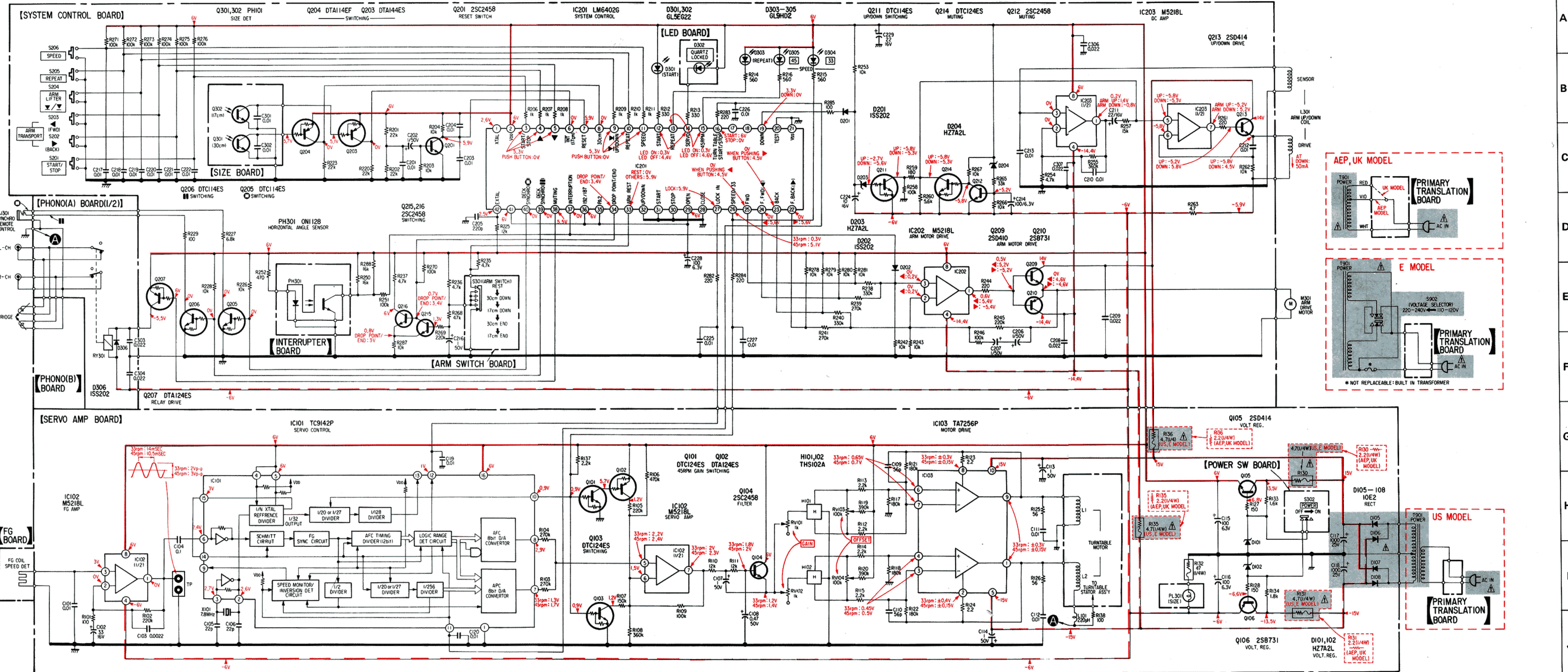
—Servo Amp Board—



SECTION 4 DIAGRAMS

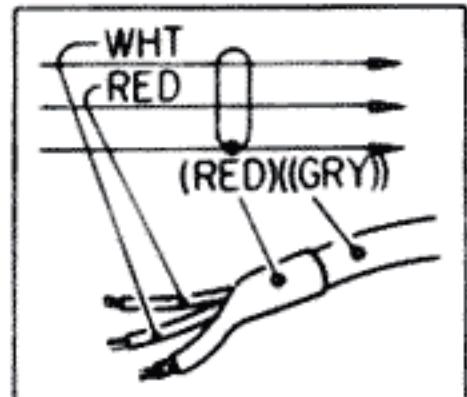


4-2. SCHEMATIC DIAGRAM



Note for MOUNTING DIAGRAM:

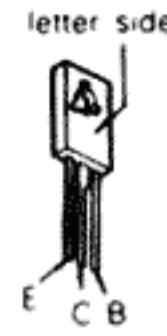
- Color code of sleeving over the end of the jacket.



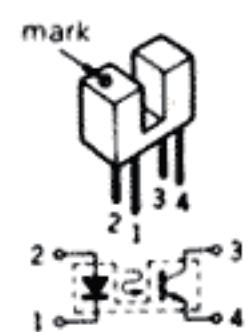
- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : part mounted on the conductor side.
- : B + pattern
- : B - pattern

● Semiconductor Lead Layouts

**2SB731
2SD809**



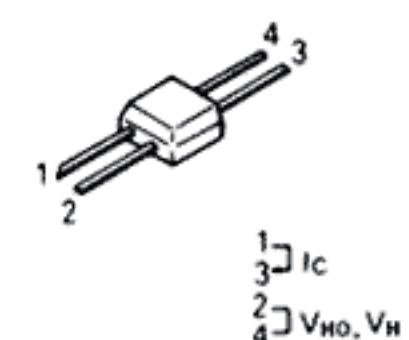
ON1128



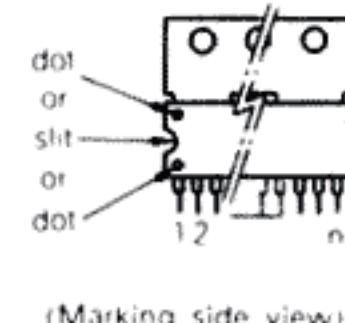
**2SC2458
DTA114ES
DTA124ES
DTA144ES
DTC124ES**



**TH102A
THS102A**



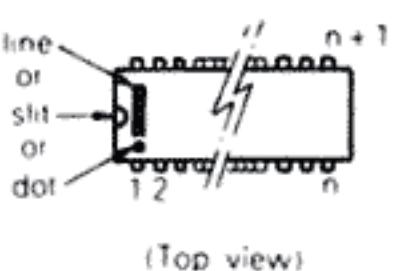
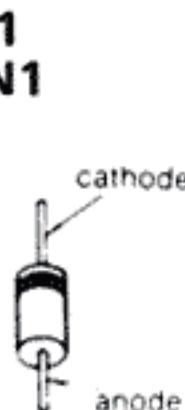
TA7256P



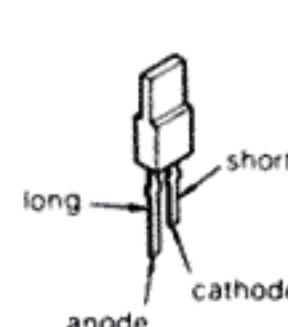
PH101



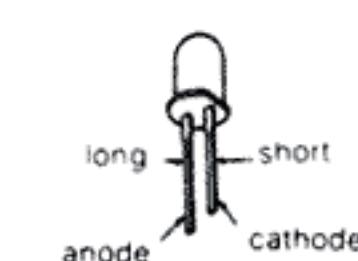
**TC9142P
LM6402G-356**



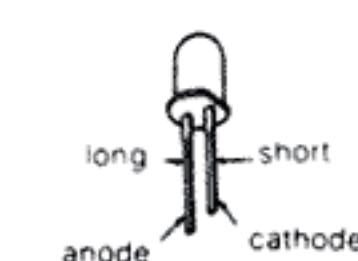
M5218L



GL-9HD2



GL-5EG22



Note for SCHEMATIC DIAGRAM:

- All capacitors are in μF unless otherwise noted. pF : $\mu\mu\text{F}$ 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, $1/6\text{ W}$ unless otherwise noted.
 $\text{k}\Omega$: $1000\ \Omega$, $\text{M}\Omega$: $1000\ \text{k}\Omega$
- : fusible resistor.
- : transistor with resistor
- : adjustment for repair.
- : B+ bus.
- : B- bus.
- Readings are taken under no-signal conditions with a VOM ($50\ \text{k}\Omega/\text{V}$).
- Voltage variations may be noted due to normal production tolerances.
- Switches

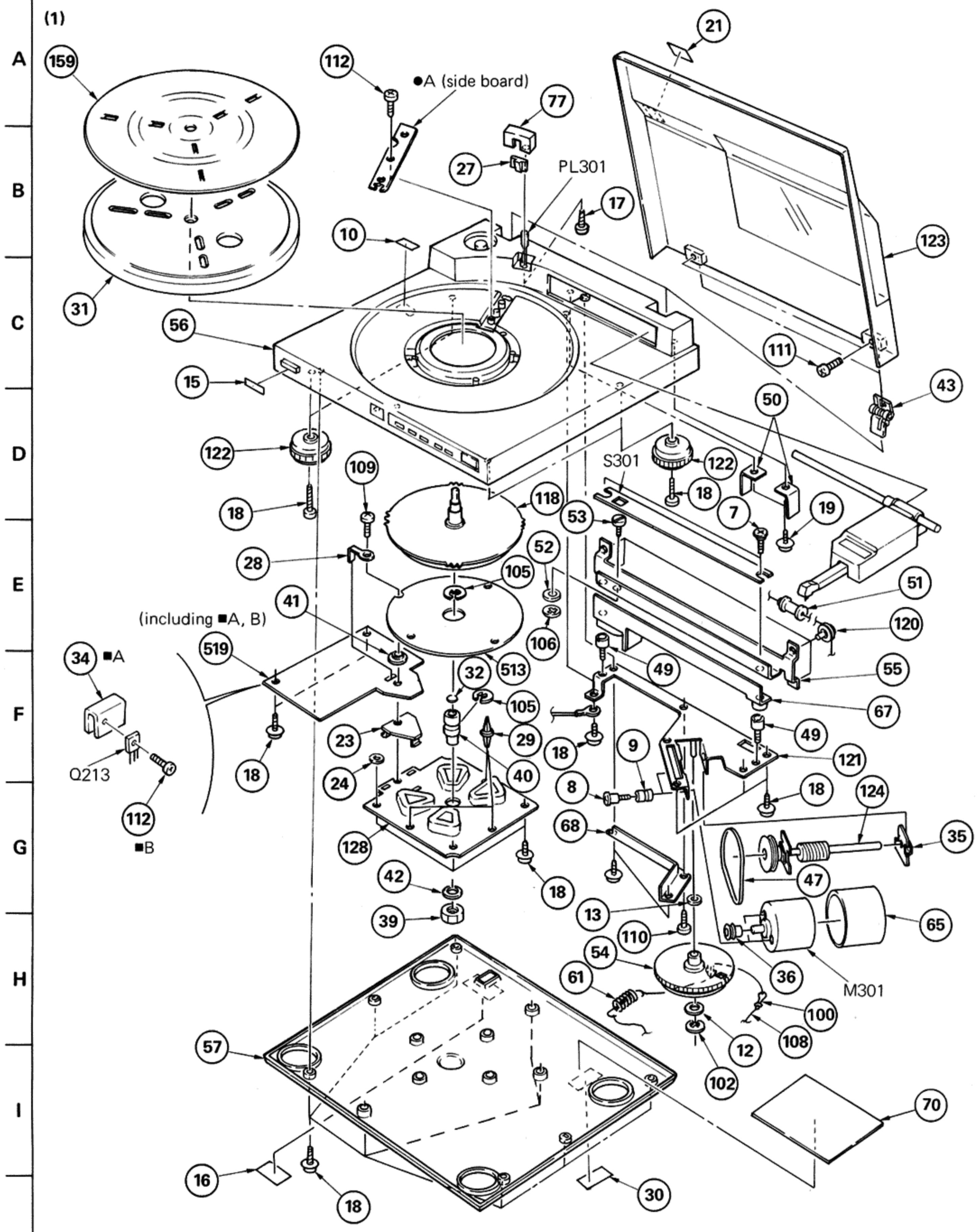
| Ref. No. | Switch | Position |
|----------|-------------------|----------|
| S201 | START/STOP | OFF |
| S202 | ARM TRANSPORT ► | OFF |
| S203 | ARM TRANSPORT ◀ | OFF |
| S204 | ARM LIFTER | OFF |
| S205 | REPEAT | OFF |
| S206 | SPEED | OFF |
| S301 | Arm Position Det. | REST |
| S302 | POWER | OFF |

Note: Voltages are measured with a VOM ($50\ \text{k}\Omega/\text{V}$).

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

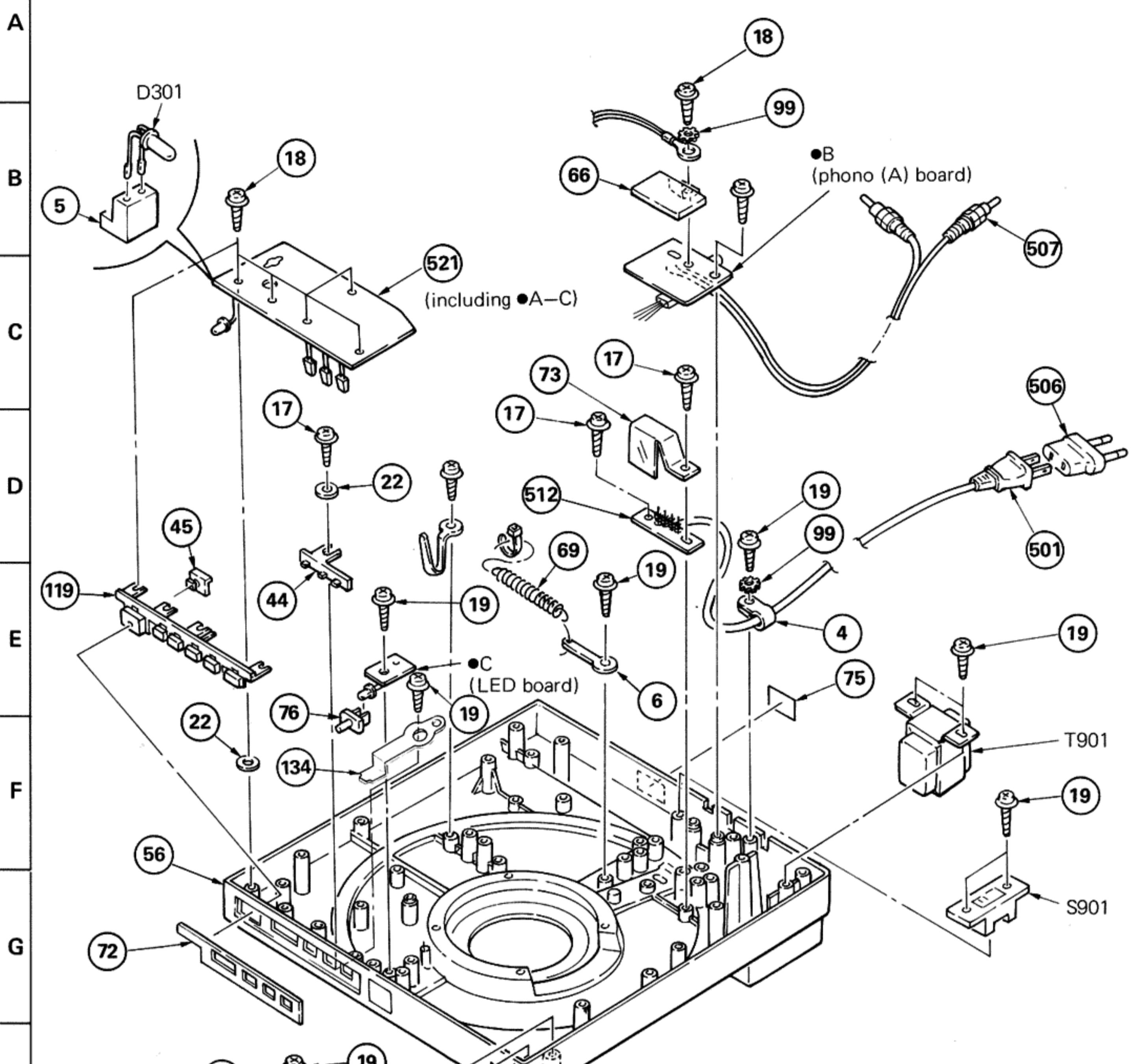
SECTION 5
EXPLODED VIEWS AND PARTS LIST

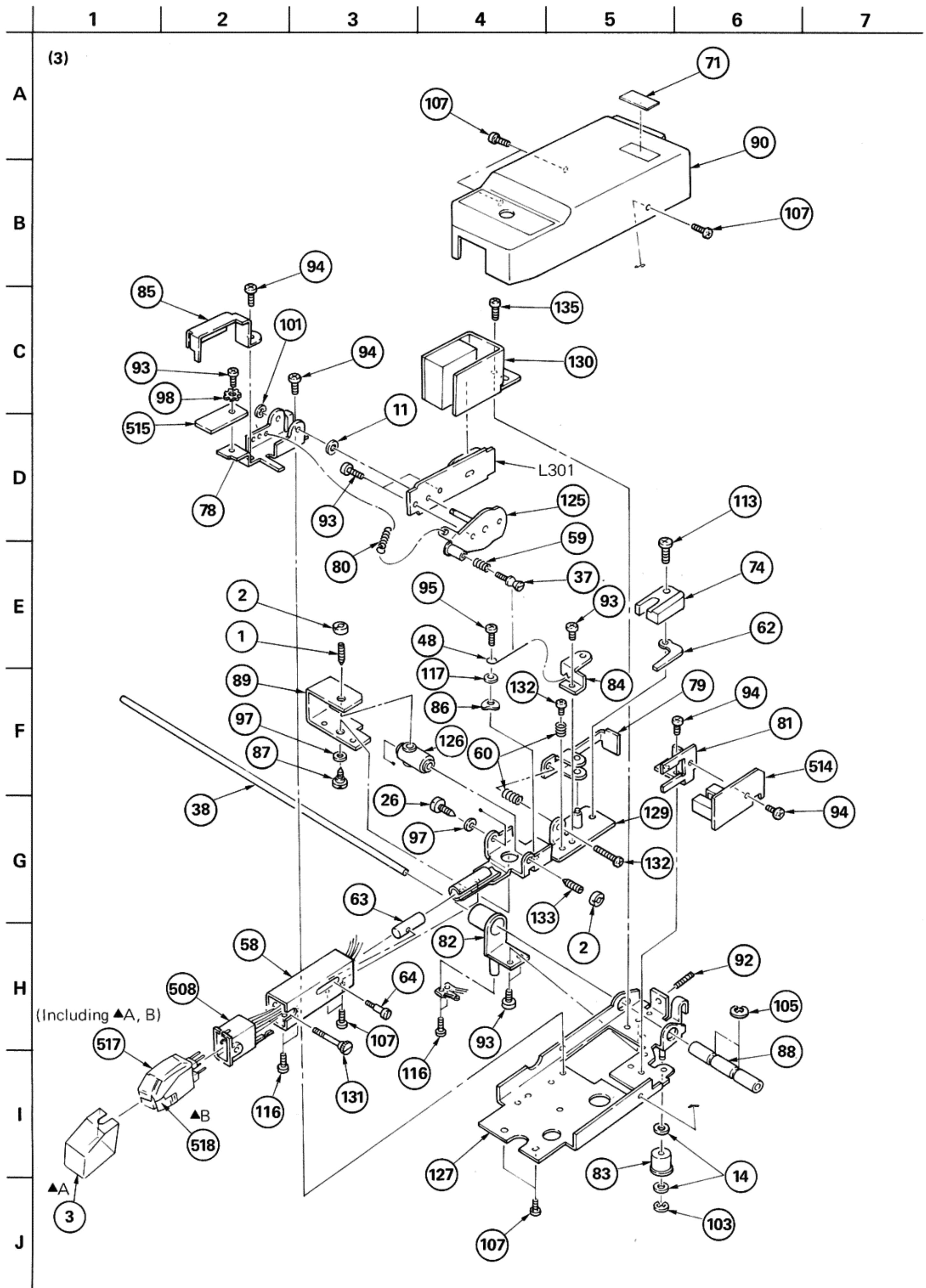
1 2 3 4 5 6 7



1 2 3 4 5 6 7

(2)





GENERAL SECTION

| No. | Part No. | Description |
|-----|---------------|-------------------------------------|
| 1 | 2-203-518-71 | SCREW, PIVOT |
| 2 | 2-203-519-00 | NUT (A), LOCK, PIVOT |
| 3 | 2-231-824-01 | (AEP,UK,E)...COVER, STULUS |
| 4 | 4-3001-707-01 | HOLDER, WIRE |
| 5 | 4-317-118-00 | HOLDER (A), LED |
| 6 | 3-460-077-00 | CLAMP, WIRE |
| 7 | 4-3465-048-00 | SHAFT |
| 8 | 3-570-027-00 | SCREW, MOTOR |
| 9 | 3-570-118-00 | CUSHION, MOTOR |
| 10 | 3-701-030-00 | LABEL, SERIAL NUMBER |
| 11 | 3-701-437-21 | WASHER, 2 (t=0.5) |
| 12 | 3-701-441-01 | WASHER, 4 (t=0.13) |
| 13 | 3-701-441-21 | WASHER, 4 (t=0.5) |
| 14 | 3-701-443-21 | WASHER, 5 (t=0.25) |
| 15 | 4-301-690-00 | (UK)....LABEL, MADE IN JAPAN |
| 16 | 3-703-043-21 | (UK)....LABEL, CAUTION, MAIN |
| 16 | 3-703-845-01 | (US)....LABEL (N), CAUTION |
| 17 | 3-703-135-00 | SCREW, PTPWH 3X8 |
| 18 | 3-703-136-00 | SCREW, PTPWH 3X12 |
| 19 | 3-703-137-00 | SCREW, PTPWH 3X10 |
| 20 | 4-303-677-00 | (US)....LABEL, CAUTION, MAIN NEW UL |
| 21 | 3-703-705-01 | STICKER, SONY SYMBOL (30) |
| 22 | 4-830-092-00 | WASHER, FIBER |
| 23 | 4-857-642-00 | HOLDER, PC BOARD |
| 24 | 4-866-147-11 | SPACER |
| 25 | 4-875-501-00 | GUIDE, POWER KNOB |
| 26 | 4-877-816-00 | SHAFT, PIVOT |
| 27 | 4-879-741-00 | WINDOW, LAMP |
| 28 | 4-881-629-00 | PLATE (A), GROUND |
| 29 | 4-881-636-11 | SUPPORT (TMD), PC |
| 30 | 4-881-683-00 | (E).....LABEL, VOLTAGE |
| 31 | 4-883-720-00 | TURNTABLE |
| 32 | 4-885-135-00 | RETAINER, THRUST |
| 33 | 4-885-183-00 | CUSHION (D) |
| 34 | 4-885-562-11 | HEAT SINK |
| 35 | 4-885-703-00 | GUIDE, WORM SHAFT |
| 36 | 4-885-704-03 | PULLEY, MOTOR |
| 37 | 4-885-706-04 | SCREW, ADJUSTMENT, POSITION |
| 38 | 4-885-709-00 | BAR, GUIDE |
| 39 | 4-885-723-00 | NUT, BEARING |
| 40 | 4-885-724-00 | BEARING |
| 41 | 4-885-727-00 | SPACER |
| 42 | 4-885-728-00 | PACKING |
| 43 | 4-885-731-00 | HINGE |
| 44 | 4-885-732-11 | ESCUtCHEON (A), LED |
| 45 | 4-885-733-11 | ESCUtCHEON (B), LED |

GENERAL SECTION

| No. | Part No. | Description |
|-----|--------------|---------------------------------|
| 46 | 4-885-734-00 | BUTTON, POWER |
| 47 | 4-885-735-00 | BELT, DRIVING |
| 48 | 4-885-737-00 | WIRE |
| 49 | 4-885-741-00 | SPACER |
| 50 | 4-885-742-00 | BRACKET, GUIDE |
| 51 | 4-885-744-00 | STOPPER, WIRE |
| 52 | 4-885-747-00 | WASHER (H) |
| 53 | 4-885-748-00 | PIN, ADJUSTMENT |
| 54 | 4-885-749-00 | WHEEL, WORM |
| 55 | 4-885-750-00 | GUIDE, ROLLER |
| 56 | 4-885-757-00 | FRAME |
| 57 | 4-885-759-01 | (US,AEP,UK)...PLATE, BOTTOM |
| 57 | 4-885-759-11 | (E).....PLATE, BOTTOM |
| 58 | 4-885-760-00 | PIPE, ARM |
| 59 | 4-885-764-02 | SPRING, COMPRESSION |
| 60 | 4-885-766-00 | SPRING, COMPRESSION |
| 61 | 4-885-767-00 | SPRING, TENSION |
| 62 | 4-885-768-00 | WEIGHT (2) |
| 63 | 4-885-770-00 | WEIGHT, ADJUSTMENT |
| 64 | 4-885-771-00 | SCREW, ADJUSTMENT |
| 65 | 4-885-775-00 | CAP, MOTOR |
| 66 | 4-885-776-00 | PLATE (P), SHIELD |
| 67 | 4-885-777-00 | ESCUtCHEON, ROLLER GUIDE |
| 68 | 4-885-787-00 | GUIDE, LEAD WIRE |
| 69 | 4-885-789-00 | SPRING, TENSION |
| 70 | 4-885-790-11 | LABEL, CAUTION, ARM FITTING |
| 71 | 4-885-792-00 | PLUG IN SEAL (A) |
| 72 | 4-885-796-11 | LABEL, PANEL |
| 73 | 4-885-798-00 | COVER, POWER |
| 74 | 4-887-310-00 | WEIGHT (A) |
| 75 | 4-887-313-01 | (AEP)...LABEL, MODEL NUMBER |
| 75 | 4-887-314-01 | (UK)....LABEL, MODEL NUMBER |
| 75 | 4-887-315-01 | (E).....LABEL, MODEL NUMBER |
| 75 | 4-887-316-01 | (US)....LABEL, MODEL NUMBER |
| 76 | 4-887-317-01 | WINDOW, INDICATION, QUARTZ LOCK |
| 77 | 4-887-412-21 | HOLDER, LAMP |
| 78 | 4-887-437-01 | BASE, LIFTER |
| 79 | 4-887-438-01 | PLATE, ADJUSTMENT |
| 80 | 4-887-439-01 | SPRING, TENSION |
| 81 | 4-887-440-01 | BRACKET, SENSOR |
| 82 | 4-887-442-01 | BASE, SWITCH |
| 83 | 4-887-443-01 | ROLLER, GUIDE |
| 84 | 4-887-444-01 | RETAINER, WIRE |
| 85 | 4-887-446-01 | PLATE, SHIELD |
| 86 | 4-887-448-01 | WASHER (A) |
| 87 | 4-887-449-01 | SHAFT, PIVOT |

NOTE:

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- Due to standardization, parts with part numbers ($\Delta-\Delta\Delta-\Delta\Delta\Delta-XX$ or $\Delta-\Delta\Delta\Delta-\Delta\Delta\Delta-X$) may be different from those used in the set.
- 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:

All capacitors are in μ F. Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μ F, PF: $\mu\mu$ F.

COILS

MMH : mH, UH : μ H

SEMICONDUCTORS

In each case, U : μ , for example:
UA...: μ A..., UPA...: μ PA..., UPC...: μ PC,
UPD...: μ PD...

GENERAL SECTION

| No. | Part No. | Description |
|-----|--------------|--|
| 88 | 4-887-451-01 | SLIDER |
| 89 | 4-887-454-01 | BRIDGE, ARM |
| 90 | 4-887-456-01 | COVER, ARM |
| 91 | 7-621-255-10 | SCREW +P 2X3 |
| 92 | 7-621-735-09 | SET-SCT, HEX. 2.6X4 |
| 93 | 7-621-772-00 | SCREW +B 2X3 |
| 94 | 7-621-775-00 | SCREW +B 2.6X3 |
| 95 | 7-621-775-20 | SCREW +B 2.6X5 |
| 96 | 7-621-775-40 | SCREW +B 2.6X8 |
| 97 | 7-623-208-22 | SW 3, TYPE 2 |
| 98 | 7-623-420-07 | LW 2 |
| 99 | 7-623-422-07 | LW 3, TYPE B |
| 100 | 7-623-616-01 | EYELET, 2X3 |
| 101 | 7-624-102-04 | STOP RING 1.5, TYPE -E |
| 102 | 7-624-106-04 | STOP RING 3.0, TYPE -E |
| 103 | 7-624-108-04 | STOP RING 4.0, TYPE -E |
| 104 | 7-624-133-24 | STOP RING 7, TYPE-CE |
| 105 | 7-624-133-94 | STOP RING 15, TYPE-CE |
| 106 | 7-624-190-81 | STOP RING 2, TYPE-CS |
| 107 | 7-627-553-37 | SCREW, PRECISION +P 2X3 |
| 108 | 9-911-825-42 | CORD, TETRON DIAL (0.5MM) |
| 109 | 7-682-149-13 | SCREW +P 3X10 |
| 110 | 7-682-545-04 | SCREW +B 3X4 |
| 111 | 7-682-546-04 | SCREW +B 3X5 |
| 112 | 7-682-547-09 | SCREW +B 3X6 |
| 113 | 7-682-548-09 | SCREW +B 3X8 |
| 114 | 7-685-134-14 | SCREW +P 2.6X8 TYPE2 NON-SLIT |
| 115 | 7-685-147-11 | SCREW +P 3X10 TYPE2 NON-SLIT |
| 116 | 7-685-799-04 | SCREW +PTT 1.7X2.5 |
| 117 | 7-688-002-01 | W 2.6, SMALL |
| 118 | A-4608-232-A | ROTOR ASSY |
| 119 | A-4675-041-A | BUTTON ASSY, CONTROL |
| 120 | X-4856-325-0 | PULLEY ASSY |
| 121 | X-4885-702-0 | BRACKET ASSY, MOTOR |
| 122 | X-4885-704-3 | INSULATOR ASSY |
| 123 | X-4885-708-0 | COVER ASSY, DUST |
| 124 | X-4885-710-0 | WORM ASSY |
| 125 | X-4887-409-1 | LEVER ASSY, LIFTER |
| 126 | X-4887-411-1 | BEARING ASSY, PIVOT |
| 127 | X-4887-412-1 | BASE ASSY, ARM |
| 128 | X-4887-413-1 | STATOR ASSY |
| 129 | X-4887-414-1 | JOINT ASSY, PIPE (WITH STYLUS PRESSURE GUIDE) |
| 130 | X-4887-415-1 | MAGNET ASSY, ARM |
| 131 | 4-885-746-00 | SCREW, FITTING, CARTRIDGE |
| 132 | 7-621-772-40 | SCREW +B 2X8 |

GENERAL SECTION

| No. | Part No. | Description |
|---|--------------|-----------------------------------|
| 133 | 2-203-518-61 | SCREW, PIVOT |
| 134 | 4-887-320-01 | PLATE, GROUNDING |
| 135 | 7-628-253-95 | SCREW +PS 2.6X4 |
| <u>ACCESSORY & PACKING MATERIAL</u> | | |
| No. | Part No. | Description |
| 151 | 3-532-616-00 | BAG, POLYETHYLENE |
| 152 | 3-701-630-00 | BAG, POLYETHYLENE |
| 153 | 3-701-634-00 | BAG, POLYETHYLENE |
| 154 | 3-703-137-00 | SCREW, TAPPING |
| 155 | 3-773-818-11 | (AEP,UK,E)....MANUAL, INSTRUCTION |
| 156 | 3-773-818-21 | (US).....MANUAL, INSTRUCTION |
| 157 | 3-773-818-41 | (AEP).....MANUAL, INSTRUCTION |
| 158 | 4-350-525-00 | SHEET, PROTECTION |
| 159 | 4-883-723-11 | SHEET, TURNTABLE |
| 160 | 4-885-168-00 | ADAPTOR, 45 |
| 161 | 4-885-779-00 | BOLSTER, ARM |
| 162 | 4-885-780-00 | CUSHION, ARM |
| 163 | 4-885-781-00 | PROTECTOR (A) |
| 164 | 4-885-782-00 | PROTECTOR (B) |
| 165 | 4-885-784-00 | HOLDER, TURNTABLE |
| 166 | 4-885-785-00 | CUSHION (LEFT) |
| 167 | 4-885-786-00 | CUSHION (RIGHT) |
| 168 | 4-887-309-11 | LABEL (A), CAUTION |
| 169 | 4-887-318-00 | INDIVIDUAL CARTON |
| 170 | 4-887-441-01 | COVER, ARM LOCK |

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- 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:

- All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: $\mu\mu F$.

COILS

- MMH : mH, UH : μH

SEMICONDUCTORS

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

ELECTRICAL PARTS

| Ref. No. | Part No. | Description |
|-----------------|---------------|--------------------------------------|
| 501 Δ | .1-551-506-XX | (US)....CORD, POWER |
| 501 Δ | .1-556-562-00 | (UK)....CORD, POWER |
| 501 Δ | .1-534-817-XX | (AEP)...CORD, POWER |
| 501 Δ | .1-551-472-00 | (E)....CORD, POWER |
| 502 \clubsuit | ;1-508-802-00 | BASE POST U TYPE |
| 503 \clubsuit | ;1-508-878-00 | BASE POST |
| 504 \clubsuit | ;1-508-880-00 | BASE POST, MCD CONNECTOR 6P |
| 505 | | |
| 506 Δ | .1-526-565-00 | (E)....AC PLUG ADAPTOR |
| 507 | 1-551-294-00 | CORD |
| 508 | 1-556-552-00 | CONNECTOR (PLUG IN TYPE) |
| 509 \clubsuit | ;1-560-200-00 | BASE POST, MCD CONNECTOR 2P |
| 510 \clubsuit | ;1-564-496-11 | PIN, CONNECTOR 3P |
| 511 \clubsuit | ;1-564-501-11 | PIN, CONNECTOR 8P |
| 512 \clubsuit | ;1-608-536-00 | PC BOARD, PRIMARY TRANSLATION |
| 513 \clubsuit | ;1-608-883-00 | PC BOARD, FG |
| 514 \clubsuit | ;1-612-356-11 | PC BOARD, SENSOR |
| 515 \clubsuit | ;1-612-357-11 | PC BOARD, PHONO (B) |
| 516 \clubsuit | ;1-612-470-11 | PC BOARD, PUSH SWITCH |
| 517 | A-4505-089-C | (AEP,UK,E)...CARTRIDGE COMPLETE ASSY |
| 518 | A-4587-071-C | (AEP,UK,E)...STYLUS ASSY, ND-250G |
| 519 \clubsuit | ;A-4619-241-A | (AEP,UK)...MOUNTED PCB, SERVO |
| 519 \clubsuit | ;A-4619-242-A | (US,E)....MOUNTED PCB, SERVO |
| 520 \clubsuit | ;A-4644-209-A | MOUNTED PCB, SYSTEM CONTROL |
| C101 | 1-162-113-00 | CERAMIC |
| C102 | 1-123-318-00 | ELECT |
| C103 | 1-162-111-00 | CERAMIC |
| C104 | 1-161-974-00 | CERAMIC |
| C105 | 1-162-052-00 | CERAMIC |
| C106 | 1-162-052-00 | CERAMIC |
| C107 | 1-123-380-00 | ELECT |
| C108 | 1-123-379-00 | ELECT |
| C109 | 1-162-031-00 | CERAMIC |
| C110 | 1-162-031-00 | CERAMIC |
| C111 | 1-162-113-00 | CERAMIC |
| C112 | 1-162-113-00 | CERAMIC |
| C113 | 1-123-380-00 | ELECT |
| C114 | 1-123-380-00 | ELECT |
| C115 | 1-123-295-00 | ELECT |
| C116 | 1-123-295-00 | ELECT |
| C117 Δ | .1-123-337-00 | ELECT |
| C118 Δ | .1-123-337-00 | ELECT |
| C119 | 1-130-483-00 | MYLAR |
| C120 | 1-130-483-00 | MYLAR |
| C201 | 1-162-113-00 | CERAMIC |

ELECTRICAL PARTS

| Ref. No. | Part No. | Description | | | | |
|---------------|---------------|----------------|---------|-----|------|--|
| C202 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | |
| C203 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C204 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C205 | 1-162-102-00 | CERAMIC | 220PF | 10% | 50V | |
| C206 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | |
| C207 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | |
| C208 | 1-161-494-00 | CERAMIC | 0.022MF | 30% | 25V | |
| C209 | 1-161-494-00 | CERAMIC | 0.022MF | 30% | 25V | |
| C210 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C211 | 1-123-330-00 | ELECT | 22MF | 20% | 16V | |
| C212 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C213 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C214 | 1-123-295-00 | ELECT | 100MF | 20% | 6.3V | |
| C216 | 1-123-380-00 | ELECT | 1MF | 20% | 50V | |
| C217 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C218 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C219 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C220 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C221 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C222 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C224 | 1-123-356-00 | ELECT | 10MF | 20% | 16V | |
| C225 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C226 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C227 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C228 | 1-123-295-00 | ELECT | 100MF | 20% | 6.3V | |
| C301 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C302 | 1-162-113-00 | CERAMIC | 0.01MF | 30% | 16V | |
| C306 | 1-161-494-00 | CERAMIC | 0.022 | 30% | 16V | |
| C307 | 1-161-494-00 | CERAMIC | 0.022 | 30% | 16V | |
| D101 | 8-719-103-36 | DIODE RD6.8JN1 | | | | |
| D102 | 8-719-103-36 | DIODE RD6.8JN1 | | | | |
| D105 Δ | .8-719-200-02 | DIODE 10E-2 | | | | |
| D106 Δ | .8-719-200-02 | DIODE 10E-2 | | | | |
| D107 Δ | .8-719-200-02 | DIODE 10E-2 | | | | |
| D108 Δ | .8-719-200-02 | DIODE 10E-2 | | | | |
| D201 | 8-719-107-94 | DIODE 1SS202-1 | | | | |
| D202 | 8-719-107-94 | DIODE 1SS202-1 | | | | |
| D203 | 8-719-103-36 | DIODE RD6.8JN1 | | | | |
| D204 | 8-719-103-36 | DIODE RD6.8JN1 | | | | |
| D301 | 8-719-907-36 | DIODE GL-5EG22 | | | | |
| D302 | 8-719-907-36 | DIODE GL-5EG22 | | | | |
| D303 | 8-719-902-94 | DIODE GL-9HD2 | | | | |
| D304 | 8-719-902-94 | DIODE GL-9HD2 | | | | |
| D305 | 8-719-902-94 | DIODE GL-9HD2 | | | | |
| D306 | 8-719-107-94 | DIODE 1SS202-1 | | | | |

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CAPACITORS:

All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: $\mu\mu F$.

COILS

MMH : mH, UH : LH

SEMICONDUCTORS

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

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

ELECTRICAL PARTS

| Ref. No. | Part No. | Description |
|----------|--------------|------------------------------|
| H101 | 8-719-800-17 | THS102A |
| H102 | 8-719-800-17 | THS102A |
| IC101 | 8-759-201-58 | IC TC9142P |
| IC102 | 8-759-600-02 | IC M5218L |
| IC103 | 8-759-202-01 | IC TA7256P |
| IC201 | 8-759-801-03 | IC LM6402G-356 |
| IC202 | 8-759-600-02 | IC M5218L |
| IC203 | 8-759-600-02 | IC M5218L |
| J301 | 1-507-813-00 | JACK, SYNCHRO REMOTE CONTROL |
| L101 | 1-408-579-00 | MICRO INDUCTOR 220UH |
| L301 | 1-422-162-11 | COIL |
| M301 | 1-541-218-00 | MOTOR |
| PH301 | 8-719-411-28 | ON1128 |
| PL301 | 1-518-169-XX | LAMP, PILOT |
| Q101 | 8-729-900-36 | TRANSISTOR DTC124ES |
| Q102 | 8-729-900-63 | TRANSISTOR DTA124ES |
| Q103 | 8-729-900-36 | TRANSISTOR DTC124ES |
| Q104 | 7-729-245-83 | TRANSISTOR 2SC2458 |
| Q105 | 8-729-180-93 | TRANSISTOR 2SD809 |
| Q106 | 8-729-173-13 | TRANSISTOR 2SB731 |
| Q201 | 8-729-245-83 | TRANSISTOR 2SC2458 |
| Q203 | 8-729-900-65 | TRANSISTOR DTA144ES |
| Q204 | 8-729-900-61 | TRANSISTOR DTA114ES |
| Q205 | 8-729-900-61 | TRANSISTOR DTA114ES |
| Q206 | 8-729-900-61 | TRANSISTOR DTA114ES |
| Q207 | 8-729-900-63 | TRANSISTOR DTA124ES |
| Q209 | 8-729-180-93 | TRANSISTOR 2SD809 |
| Q210 | 8-729-173-12 | TRANSISTOR 2SB731 |
| Q211 | 8-729-900-61 | TRANSISTOR DTA114ES |
| Q212 | 8-729-245-83 | TRANSISTOR 2SC2458 |
| Q213 | 8-729-180-93 | TRANSISTOR 2SD809 |
| Q214 | 8-729-900-63 | TRANSISTOR DTA124ES |
| Q215 | 8-729-245-83 | TRANSISTOR 2SC2458 |
| Q216 | 8-729-245-83 | TRANSISTOR 2SC2458 |
| Q301 | 8-729-101-01 | TRANSISTOR PH101 |
| Q302 | 8-729-101-01 | TRANSISTOR PH101 |
| R101 | 1-247-807-00 | CARBON 100 5% 1/6W |
| R102 | 1-247-887-00 | CARBON 220K 5% 1/6W |
| R103 | 1-247-889-00 | CARBON 270K 5% 1/6W |
| R104 | 1-247-889-00 | CARBON 270K 5% 1/6W |
| R105 | 1-247-887-00 | CARBON 220K 5% 1/6W |
| R106 | 1-247-895-00 | CARBON 470K 5% 1/6W |

ELECTRICAL PARTS

| Ref. No. | Part No. | Description | Value | Tolerance | Power Rating | Notes |
|----------|----------------|-------------------|-------|-----------|--------------|-------|
| R107 | 1-247-883-00 | CARBON | 150K | 5% | 1/6W | |
| R108 | 1-247-892-00 | CARBON | 360K | 5% | 1/6W | |
| R109 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | |
| R110 | 1-247-857-00 | CARBON | 12K | 5% | 1/6W | |
| R111 | 1-247-857-00 | CARBON | 12K | 5% | 1/6W | |
| R112 | 1-247-839-00 | CARBON | 2.2K | 5% | 1/6W | |
| R113 | 1-247-839-00 | CARBON | 2.2K | 5% | 1/6W | |
| R114 | 1-247-839-00 | CARBON | 2.2K | 5% | 1/6W | |
| R115 | 1-247-839-00 | CARBON | 2.2K | 5% | 1/6W | |
| R117 | 1-247-885-00 | CARBON | 180K | 5% | 1/6W | |
| R118 | 1-247-885-00 | CARBON | 180K | 5% | 1/6W | |
| R119 | 1-247-893-00 | CARBON | 390K | 5% | 1/6W | |
| R120 | 1-247-893-00 | CARBON | 390K | 5% | 1/6W | |
| R121 | 1-247-885-00 | CARBON | 180K | 5% | 1/6W | |
| R122 | 1-247-885-00 | CARBON | 180K | 5% | 1/6W | |
| R123 | 1-247-767-00 | CARBON | 2.2 | 5% | 1/6W | |
| R124 | 1-247-767-00 | CARBON | 2.2 | 5% | 1/6W | |
| R125 | 1-247-801-00 | CARBON | 56 | 5% | 1/6W | |
| R126 | 1-247-801-00 | CARBON | 56 | 5% | 1/6W | |
| R127 | 1-247-811-00 | CARBON | 150 | 5% | 1/6W | |
| R128 | 1-247-811-00 | CARBON | 150 | 5% | 1/6W | |
| R130 | △.1-212-849-00 | (US,E)...FUSIBLE | 4.7 | 5% | 1/4W F | |
| R130 | 1-202-850-00 | (AEP,UK)...SOLID | 2.2 | | 1/4W | |
| R131 | △.1-212-849-00 | (US,E)....FUSIBLE | 4.7 | 5% | 1/4W F | |
| R131 | 1-202-850-00 | (AEP,UK)...SOLID | 2.2 | | 1/4W | |
| R132 | 1-217-395-00 | FUSIBLE | 47 | 5% | 1/4W F | |
| R133 | 1-247-836-00 | CARBON | 1.6K | 5% | 1/6W | |
| R134 | 1-247-837-00 | CARBON | 1.8K | 5% | 1/6W | |
| R135 | △.1-212-849-00 | (US,E)....FUSIBLE | 4.7 | 5% | 1/4W F | |
| R135 | 1-202-850-00 | (AEP,UK)...SOLID | 2.2 | | 1/4W | |
| R136 | △.1-212-849-00 | (US,E)....FUSIBLE | 4.7 | 5% | 1/4W F | |
| R136 | 1-202-850-00 | (AEP,UK)...SOLID | 2.2 | | 1/4W | |
| R137 | 1-247-839-00 | CARBON | 2.2K | 5% | 1/6W | |
| R138 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W | |
| R201 | 1-247-863-00 | CARBON | 22K | 5% | 1/6W | |
| R202 | 1-247-863-00 | CARBON | 22K | 5% | 1/6W | |
| R203 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | |
| R204 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | |
| R206 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W | |
| R207 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W | |
| R208 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W | |
| R209 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W | |
| R210 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W | |
| R211 | 1-247-831-00 | CARBON | 1K | 5% | 1/6W | |

NOTE:

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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 (△-△△△-△△△-XX or △-△△△△-△△△-X) may be different from those used in the set.
- 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:

- All capacitors are in μF . Common capacitors are omitted. Refer to the following lists for their part numbers.
MF: μF , PF: $\mu\mu\text{F}$.

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.

| ELECTRICAL PARTS | | | | | | | ELECTRICAL PARTS | | | | | | |
|------------------|--------------|-------------|------|----|------|--|--------------------|--------------------------------------|--|------|----|------|--|
| Ref. No. | Part No. | Description | | | | | Ref. No. | Part No. | Description | | | | |
| R212 | 1-247-819-00 | CARBON | 330 | 5% | 1/6W | | R273 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | |
| R213 | 1-247-819-00 | CARBON | 330 | 5% | 1/6W | | R274 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | |
| R214 | 1-247-825-00 | CARBON | 560 | 5% | 1/6W | | R275 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | |
| R215 | 1-247-825-00 | CARBON | 560 | 5% | 1/6W | | R276 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | |
| R216 | 1-247-825-00 | CARBON | 560 | 5% | 1/6W | | R278 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | |
| R220 | 1-247-863-00 | CARBON | 22K | 5% | 1/6W | | R279 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | |
| R223 | 1-247-863-00 | CARBON | 22K | 5% | 1/6W | | R280 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | |
| R225 | 1-247-857-00 | CARBON | 12K | 5% | 1/6W | | R281 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | |
| R226 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | | R282 | 1-247-815-00 | CARBON | 220 | 5% | 1/6W | |
| R227 | 1-247-851-00 | CARBON | 6.8K | 5% | 1/6W | | R283 | 1-247-815-00 | CARBON | 220 | 5% | 1/6W | |
| R228 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | | R284 | 1-247-815-00 | CARBON | 220 | 5% | 1/6W | |
| R229 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W | | R285 | 1-247-807-00 | CARBON | 100 | 5% | 1/6W | |
| R235 | 1-247-847-00 | CARBON | 4.7K | 5% | 1/6W | | R287 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | |
| R236 | 1-247-847-00 | CARBON | 4.7K | 5% | 1/6W | | R288 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W | |
| R237 | 1-247-847-00 | CARBON | 4.7K | 5% | 1/6W | | RV101 | 1-226-233-00 | RES, ADJ, CARBON 1K | | | | |
| R238 | 1-247-891-00 | CARBON | 330K | 5% | 1/6W | | RV102 | 1-226-233-00 | RES, ADJ, CARBON 1K | | | | |
| R239 | 1-247-889-00 | CARBON | 270K | 5% | 1/6W | | RV103 | 1-226-239-00 | RES, ADJ, CARBON 100K | | | | |
| R240 | 1-247-891-00 | CARBON | 330K | 5% | 1/6W | | RV104 | 1-226-239-00 | RES, ADJ, CARBON 100K | | | | |
| R241 | 1-247-889-00 | CARBON | 270K | 5% | 1/6W | | RY301 | 1-515-519-00 | RELAY | | | | |
| R242 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | | S201 | 1-553-856-00 | SWITCH, KEY BOARD, START/STOP | | | | |
| R243 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | | S202 | 1-553-856-00 | SWITCH, KEY BOARD, ARM TRANSPORT(BACK) | | | | |
| R244 | 1-247-815-00 | CARBON | 220 | 5% | 1/6W | | S203 | 1-553-856-00 | SWITCH, KEY BOARD, ARM TRANSPORT(FWD) | | | | |
| R245 | 1-247-887-00 | CARBON | 220K | 5% | 1/6W | | S204 | 1-553-856-00 | SWITCH, KEY BOARD, ARM LIFTER | | | | |
| R246 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | | S205 | 1-553-856-00 | SWITCH, KEY BOARD, REPEAT | | | | |
| R250 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W | | S206 | 1-553-856-00 | SWITCH, KEY BOARD, SPEED | | | | |
| R251 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | | S301 | 1-554-817-11 | SWITCH | | | | |
| R252 | 1-247-823-00 | CARBON | 470 | 5% | 1/6W | | S302 | 1-553-331-21 | SWITCH, PUSH, POWER | | | | |
| R253 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | | S902△.1-552-535-00 | (E)...SWITCH, POWER & VOLTAGE CHANGE | | | | | |
| R254 | 1-247-847-00 | CARBON | 4.7K | 5% | 1/6W | | T901△.1-447-515-00 | (US).....TRANSFORMER, POWER | | | | | |
| R255 | 1-247-892-00 | CARBON | 360K | 5% | 1/6W | | T901△.1-447-516-00 | (AEP,UK)...TRANSFORMER, POWER | | | | | |
| R257 | 1-247-859-00 | CARBON | 15K | 5% | 1/6W | | T901△.1-447-517-21 | (E).....TRANSFORMER, POWER | | | | | |
| R258 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | | X101 | 1-567-259-11 | VIBRATOR, CRYSTAL | | | | |
| R259 | 1-247-813-00 | CARBON | 180 | 5% | 1/6W | | | | | | | | |
| R260 | 1-247-849-00 | CARBON | 5.6K | 5% | 1/6W | | | | | | | | |
| R261 | 1-247-815-00 | CARBON | 220 | 5% | 1/6W | | | | | | | | |
| R262 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | | | | | | | | |
| R263 | 1-247-775-00 | CARBON | 4.7 | 5% | 1/6W | | | | | | | | |
| R265 | 1-247-867-00 | CARBON | 33K | 5% | 1/6W | | | | | | | | |
| R266 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | | | | | | | | |
| R267 | 1-247-855-00 | CARBON | 10K | 5% | 1/6W | | | | | | | | |
| R268 | 1-247-871-00 | CARBON | 47K | 5% | 1/6W | | | | | | | | |
| R269 | 1-247-887-00 | CARBON | 220K | 5% | 1/6W | | | | | | | | |
| R270 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | | | | | | | | |
| R271 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | | | | | | | | |
| R272 | 1-247-879-00 | CARBON | 100K | 5% | 1/6W | | | | | | | | |

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Sony Corporation