



NIVICO

STEREO RECORD PLAYER

MODEL SRP-471E RUN NO. 3



FEATURES

FEATHER-TOUCH SYSTEM

Landing of the tone arm on and off the record is made automatically by the FEATHER-TOUCH SYSTEM for record protection.

PERFECT TONE ARM

Perfectly balanced on all directions for ideal performance and protection of the record.

MAGNETIC CARTRIDGE WITH DIAMOND NEEDLE

A moving-magnet type cartridge is employed.

SIX-POLE OUTER-ROTOR CONDENSER MOTOR

Professional combination of six-pole and outer-rotor system for the best Hi-Fi phonomotor. Outer-rotor features the utmost stability and compactness developed by the NIVICO engineering.

DRIVING WHEEL SYSTEM (PAT. PEND.)

Driving wheel inserted additionally between turntable and conventional idler wheel absorbs any of vibrations, increasing signal to noise ratio of the record performance.

TURNTABLE

11-inch turntable for wow-flutter-free record performance.

UNIVERSAL SUPPLY TRANSFORMER

This player can be adjusted for use on 100~240 volts supply.

INSTALLATION PRECAUTION

This player is designed for use on 100~240 volt, 50/60 Hz power supply. Before connecting power cord plug to your house current outlet, please make sure that the set is properly adjusted for your supply voltage. To adjust, connect a voltage selecting plug at the rear of player making sure that the arrow marking on that plug matches the voltage of your AC power source as shown Fig. 1.

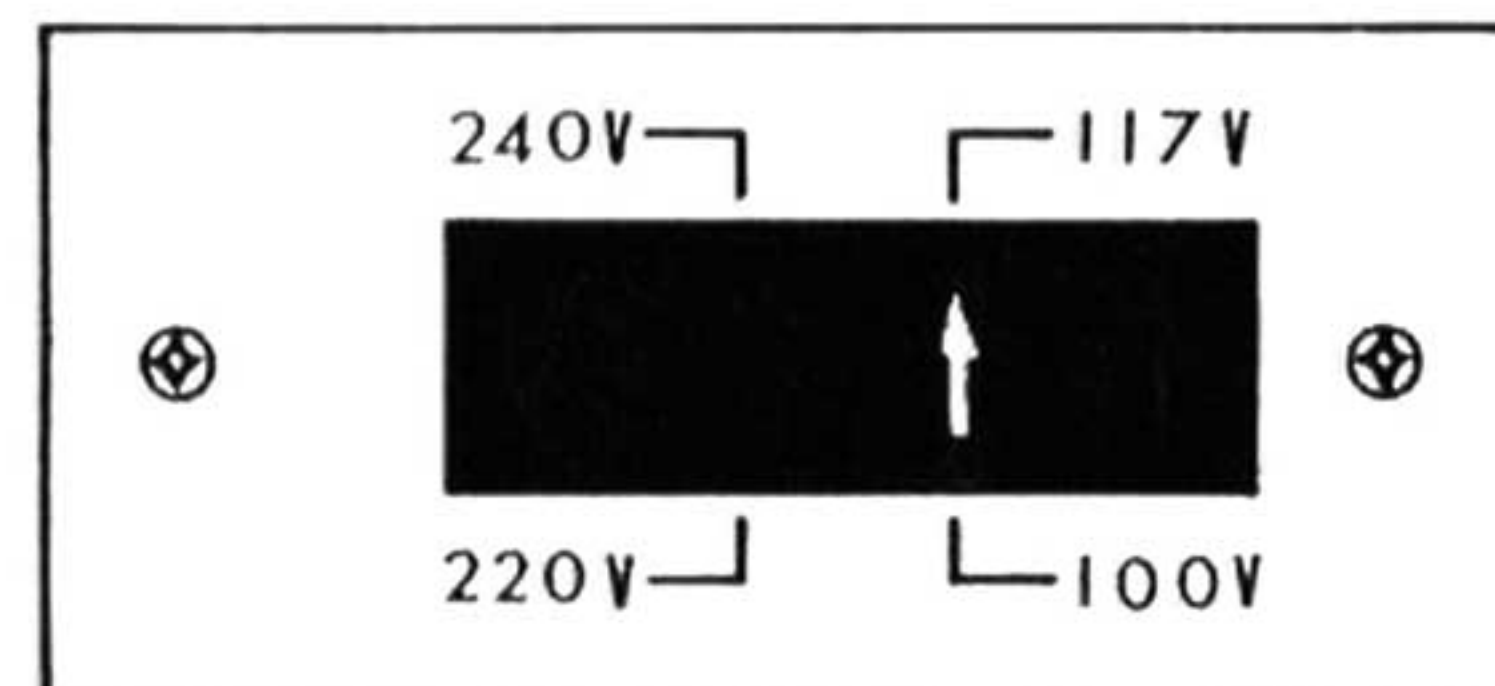


Fig. 1

UNPACKING AND INSTALLATION

1. Remove 3 screws C, D, E by turning counter-clockwise, and insert 3 little caps.

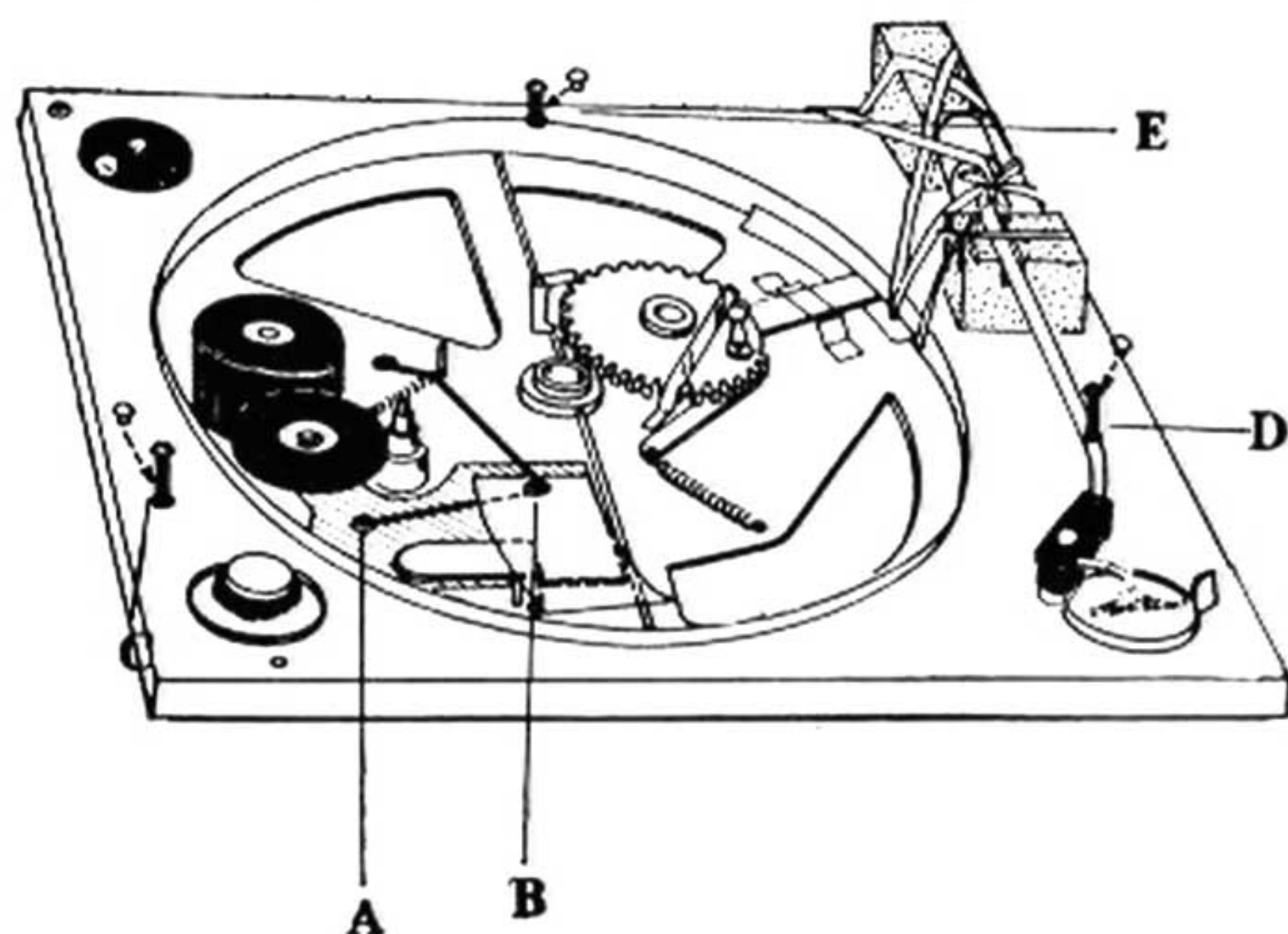


Fig. 2

2. Remove 3 screws (red-headed Ⓐ Ⓑ) fastening motor.
3. Remove idler wheel clamp.
4. Remove adhesive tape and polyfoam clamping gear, knobs and tone arm.
5. Hang the inside bias compensating weight of tone arm through the pole as shown in Fig. 4.
6. Before loading the turntable, set the SPEED SELECT knob in between 33 and 45.

(A) Confirm that the main gear position of the driving mechanism coincides with Fig. 3 Ⓐ. If not, adjust it by turning the gear counter-clockwise.

(B) Push Ⓑ all the way to the arrow direction.

(C) Pull Ⓒ all the way to the arrow direction so that the coil spring is in free position.

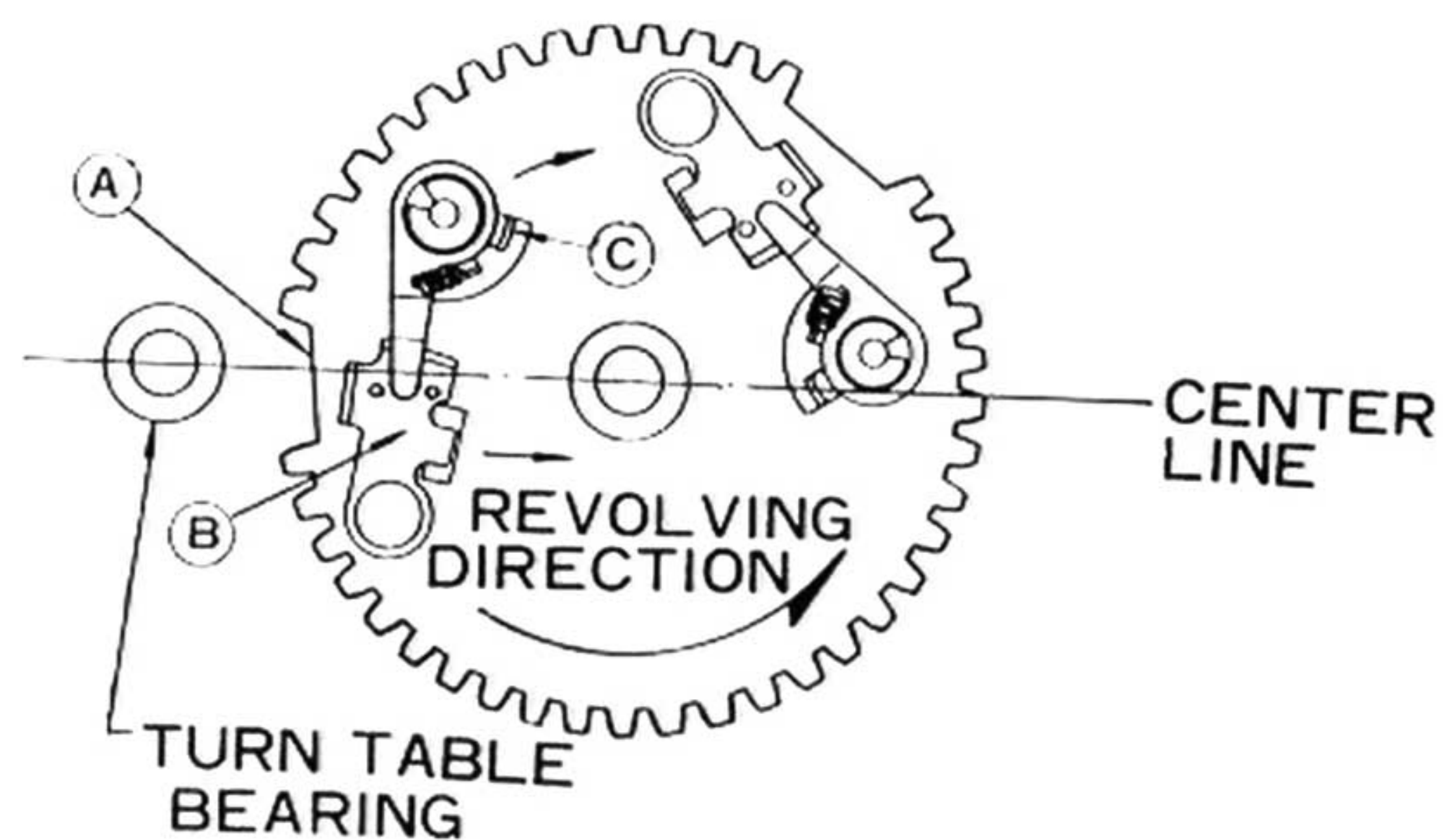


Fig. 3

TURNTABLE SPEED ADJUSTMENT

This adjustment should be done under artificial light such as fluorescent light.

1. Set the AUTO-MANUAL knob to M position.
2. Turn the SPEED SELECT knob according to the record to be played.
3. Place the stroboscope attached on the turntable.
4. Pull the START-REJECT lever to the arrow direction. Turntable will start rotating.
5. Observing the stroboscope pattern corresponding with the speed being adjusted, adjust the SPEED REGULATOR knob so that the pattern stays reposed.

This adjustment may also be performed during play.

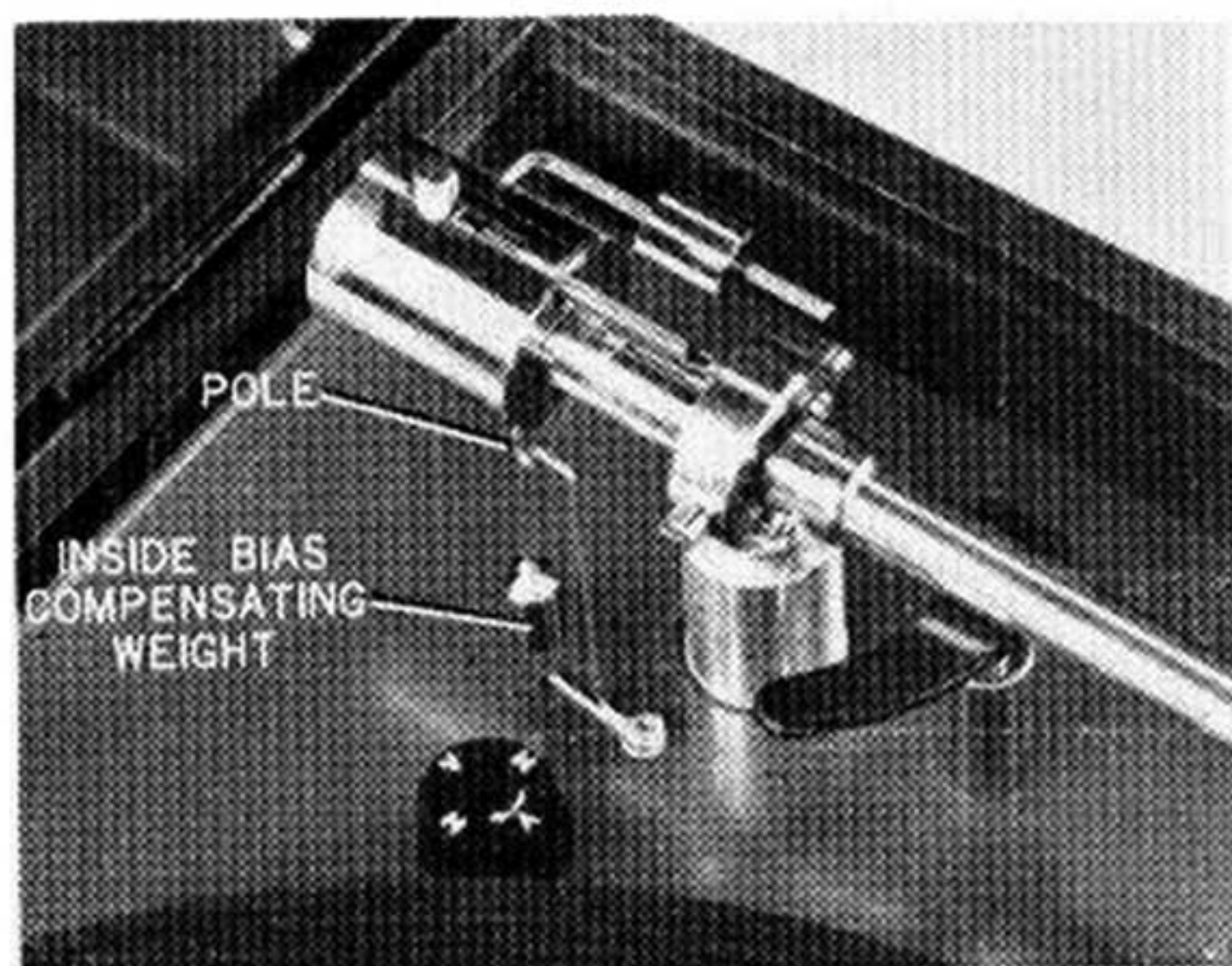


Fig. 4

PLAYING RECORD

(Feather-touch playing)

1. Set the AUTO-MANUAL knob to A position.
2. Place the record on the turntable and select the proper speed by SPEED SELECT knob.
3. Lift and move cartridge over the record to where you want to start playing and leave the cartridge off.
4. Pull the START-REJECT lever to the arrow direction and release.

The motor starts rotating and the cartridge lands on the record.

5. After the record has been played, the tone arm will automatically return to its rest position shutting off the power of the motor.

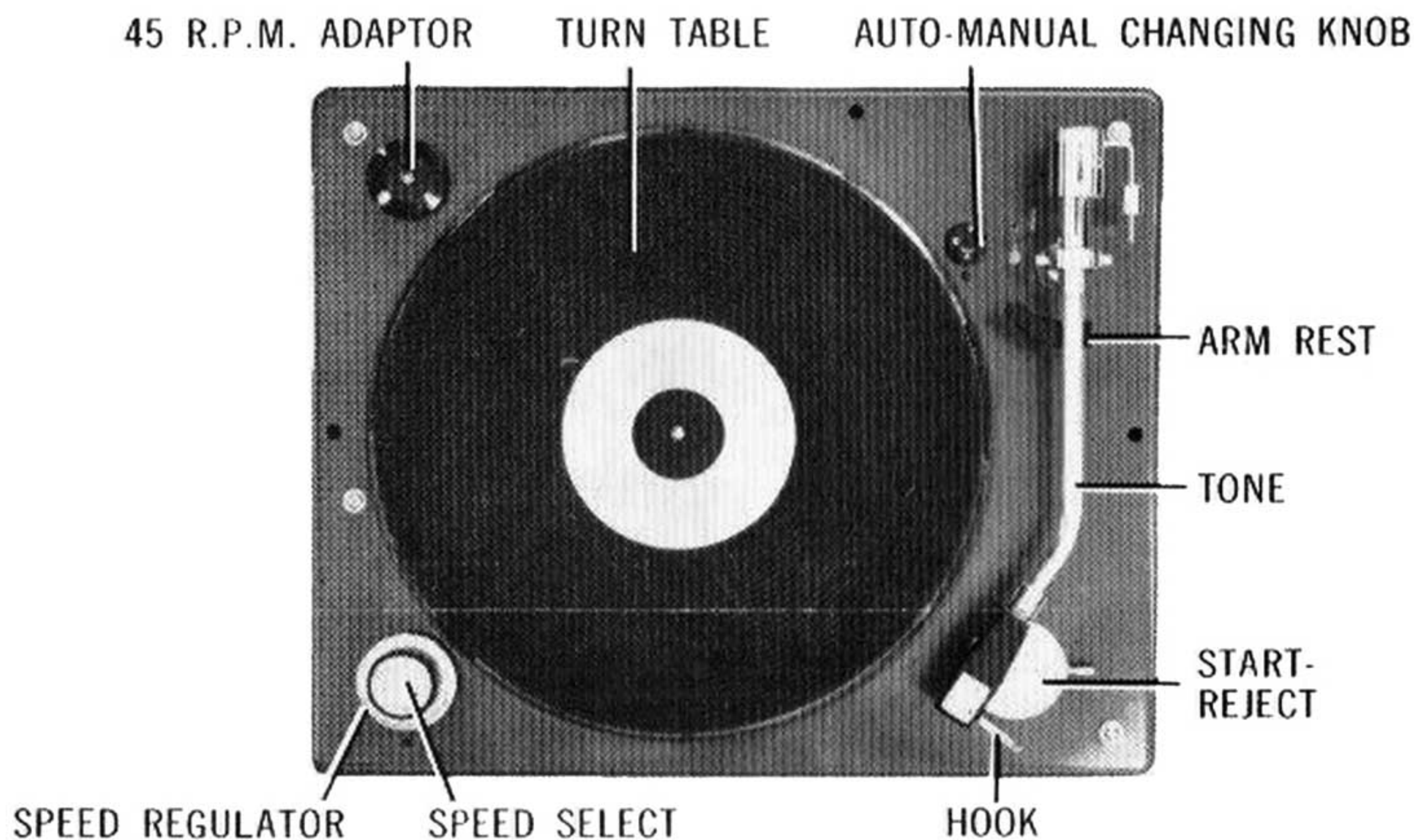


Fig. 5

6. Whenever you want to interrupt playing, pull the START-REJECT lever.

(CAUTION When you intend starting within a circle of 2 3/4 inch radius, the tone arm will immediately return and shut off. In this case please use M position of the AUTO-MANUAL knob.

(Manual playing)

1. Set the AUTO MANUAL knob to M position.
2. Lift and move cartridge over the record to where you want to start playing Then leave the cartridge off.
3. Pull the START REJECT lever to arrow direction. Turntable will start rotating, landing the cartridge on the record.

- After playing, return the tone arm by hand, and pull the START-REJECT lever in the reverse arrow direction to cut the power off.

(45 record adaptor)

An adaptor is attached on the left upper corner of the motor board.

To play 45 R. P. M. record, remove and attach the adaptor on the center spindle.

MAINTENANCE INSTRUCTION

NEEDLE REPLACEMENT (Fig. 6)

To maintain sound quality, needle should be replaced as follows.

Diamond needle DT-16 (for long play and 45 records) : Every 800~1500 playing hours.

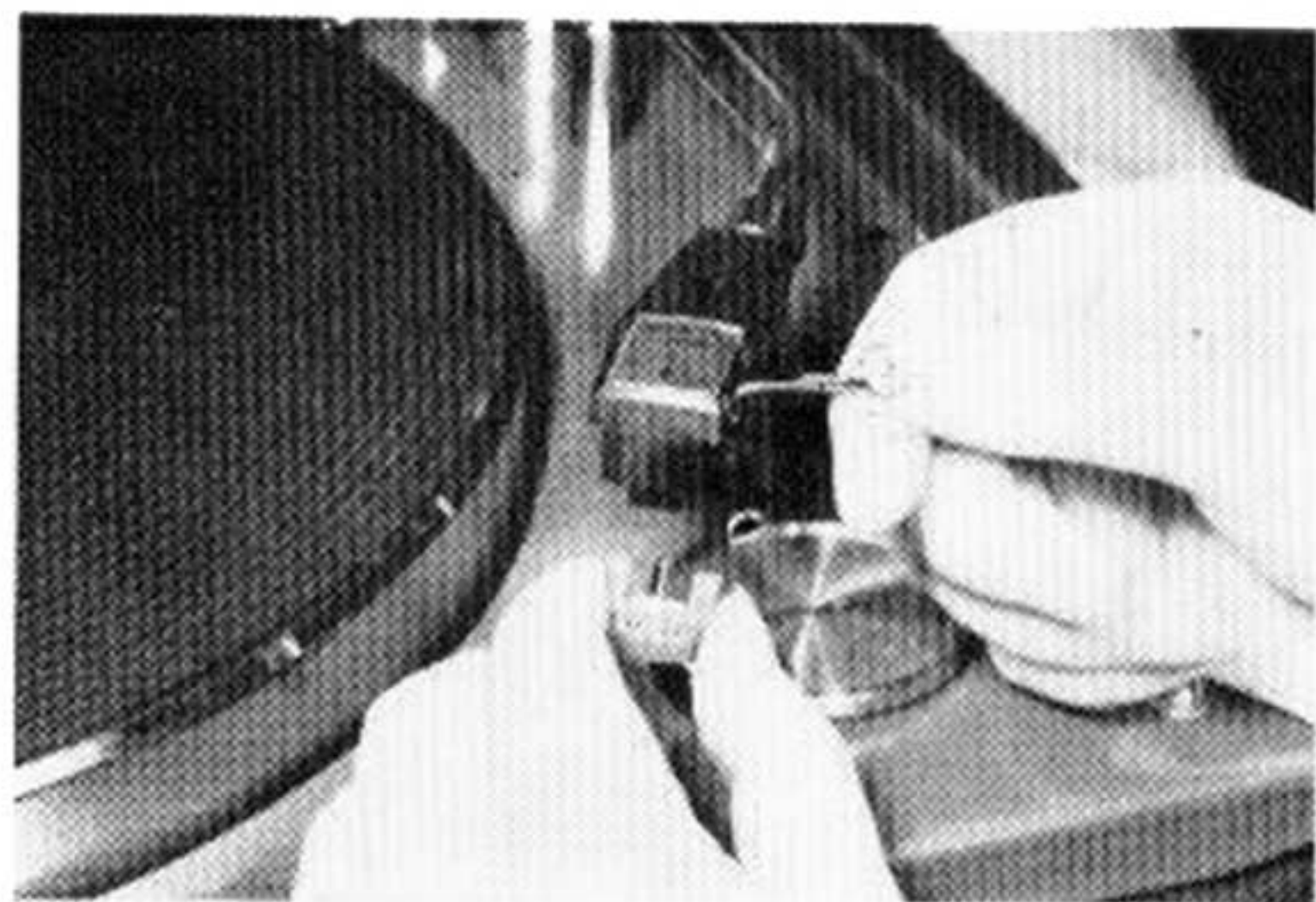


Fig. 6 Needle replacement

LUBRICATION (Fig. 7 and 8)

Every six months, at least, lubricate to the shafts of idler wheel, driving wheel, turntable and phonomotor.

Use one of the holes on the regulating plate in lubricating motor.

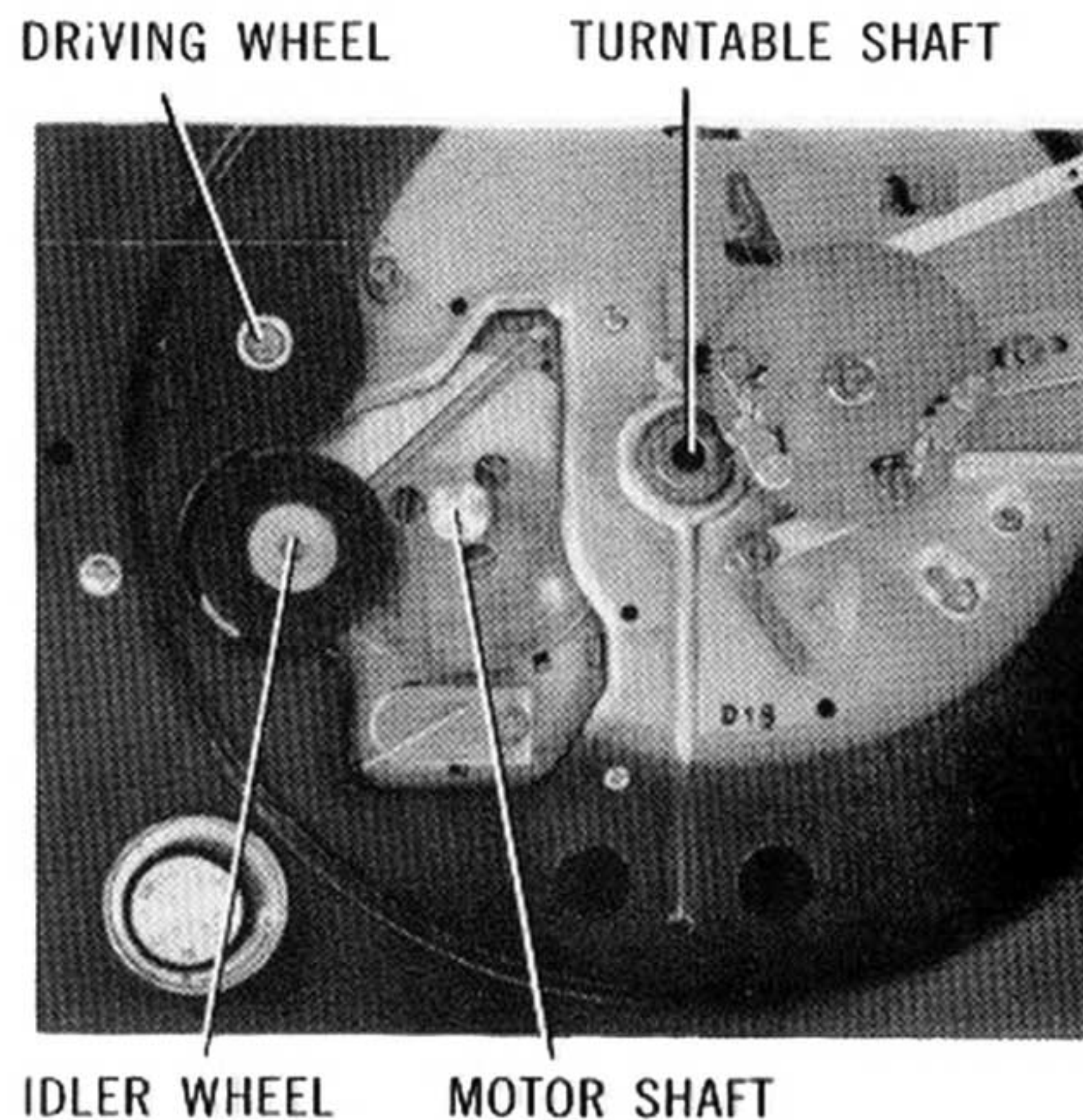


Fig. 7 Lubrication points

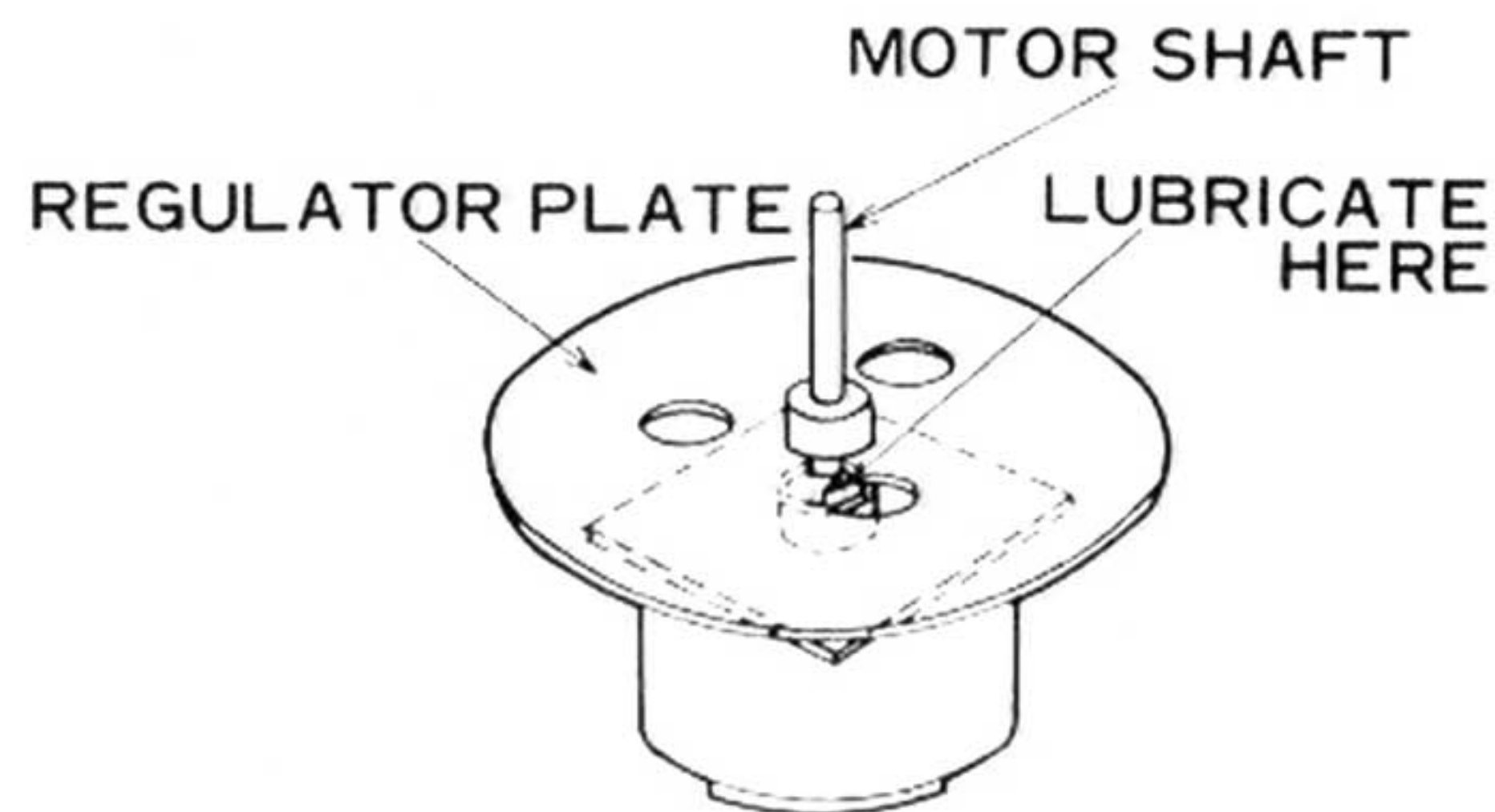


Fig. 8 Lubricating phonomotor

CARTRIDGE REPLACEMENT

1. Replacing with SAME type cartridge

After replacement, adjust needle pressure by NEEDLE PRESSURE ADJUSTING SCREW. (Fig. 9)

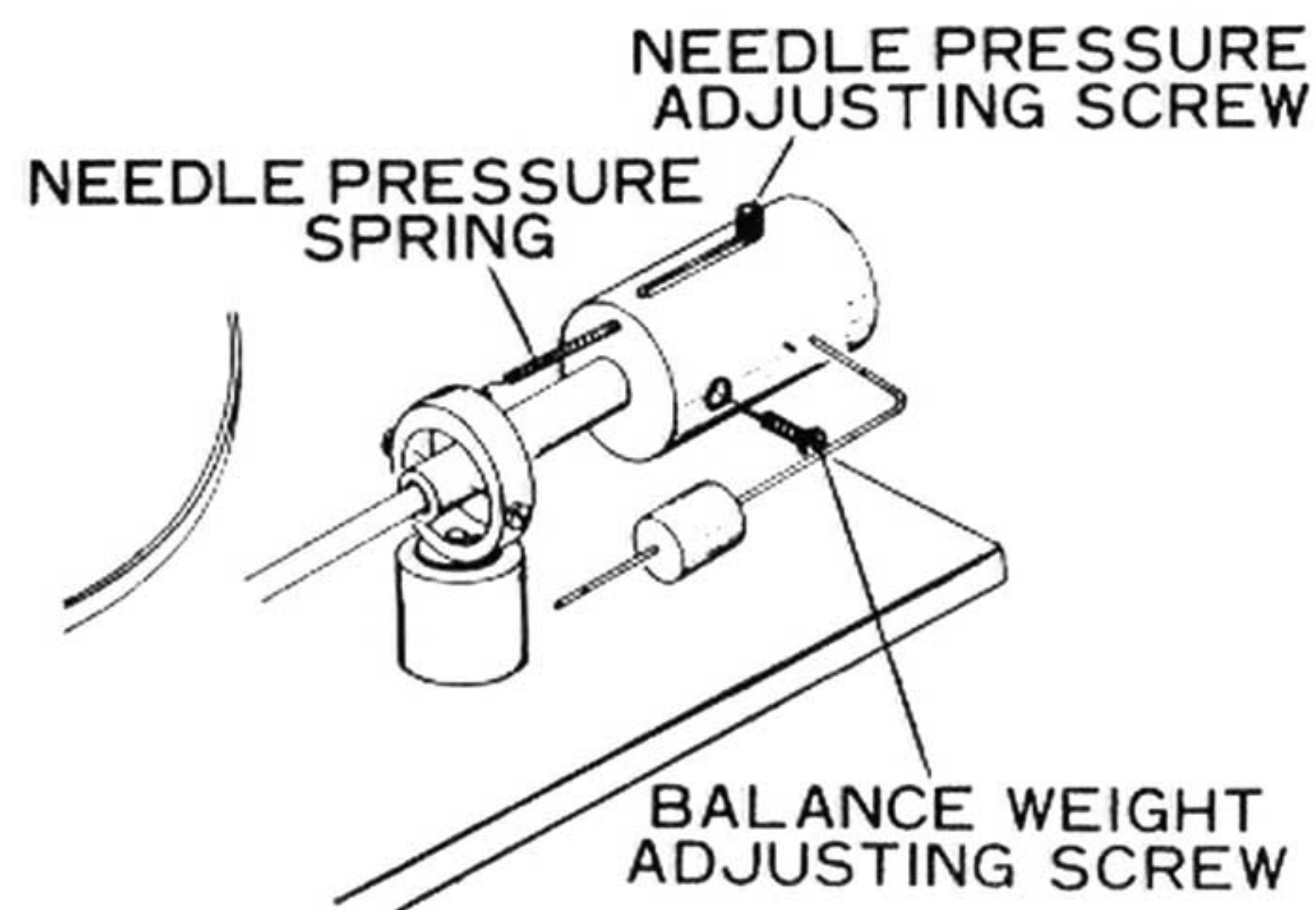


Fig. 9 Tone arm adjustment

RED : R (+)
GREEN : R (-)
WHITE : L (+)
BLUE : L (-)

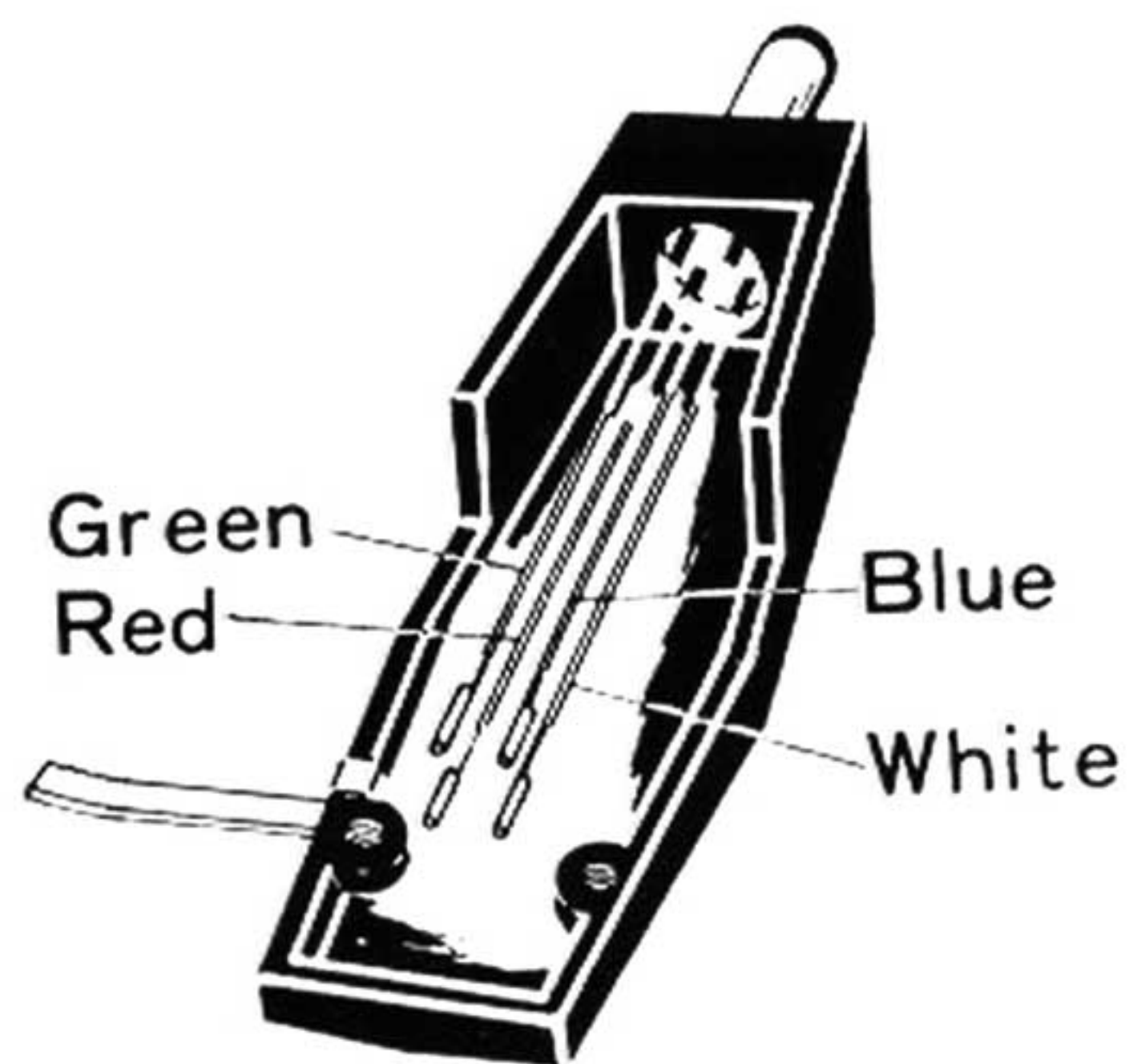


Fig. 10 Cartridge adjustment

2. Replacing with DIFFERENT type cartridge

After replacement, loose NEEDLE PRESSURE ADJUSTING SPRING, and BALANCE WEIGHT ADJUSTING SCREW. Adjust BALANCE WEIGHT for tone arm balance.

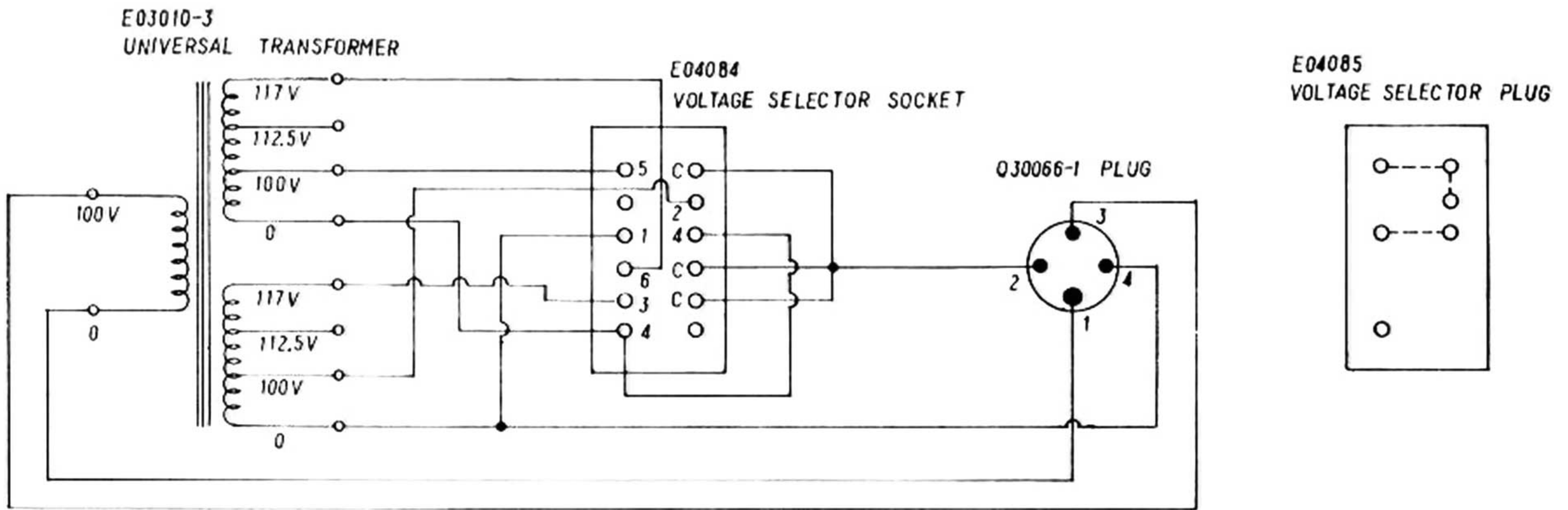
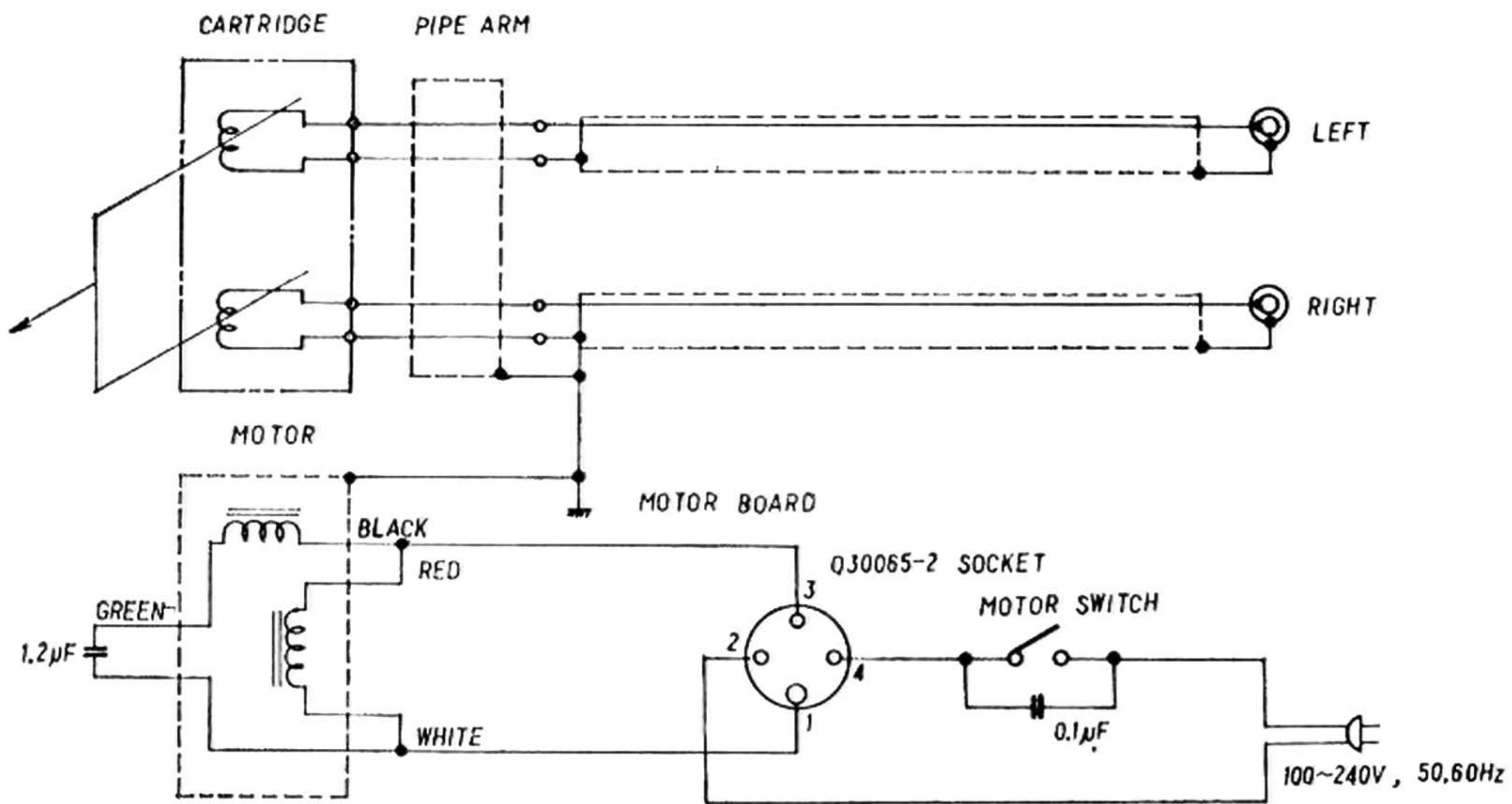
Then tighten BALANCE WEIGHT ADJUSTING SCREW and attach NEEDLE PRESSURE ADJUSTING SCREW. Adjust NEEDLE PRESSURE with NEEDLE PRESSURE ADJUSTING SCREW.

POWER SUPPLY CYCLE CHANGE.

Two kinds of pulley are attached for 50Hz and 60Hz. One is mounted on the motor shaft and the another in separate polyethylene bag.

For cycle modification, just replace motor pulley.

Motor connection needs not to be changed.



SRP-471E Run No. 3 SCHEMATIC DIAGRAM

SPECIFICATION

TURN TABLE :	11 inch
TONE ARM :	Perfect feather-touch system
CARTRIDGE :	Moving magnet type, MD-1004
PHONOMOTOR :	6-pole condenser induction motor with speed regulator
NEEDLE :	Diamond DT-16
FREQUENCY RESPONSE :	20~21,000 Hz, \pm 2db
CROSSTALK RATIO :	Better than 25db.
WOW AND FLUTTER :	Less than 0.1%
DISTORTION :	Less than 1%
SIGNAL TO NOISE RATIO :	Better than 50db
NEEDLE PRESSURE :	3 grams
POWER CONSUMPTION :	7.5W (50 Hz), 9W (60 Hz)
POWER SUPPLY :	100~240 volts, 50/60 Hz
DIMENSION :	Height.....10 $\frac{3}{4}$ ", Width.....18 $\frac{1}{2}$ ", Depth.....15"
WEIGHT :	19 lbs.

Manufactured by
Victor Company of Japan, Limited.
Tokyo, Japan.