

TOSHIBA

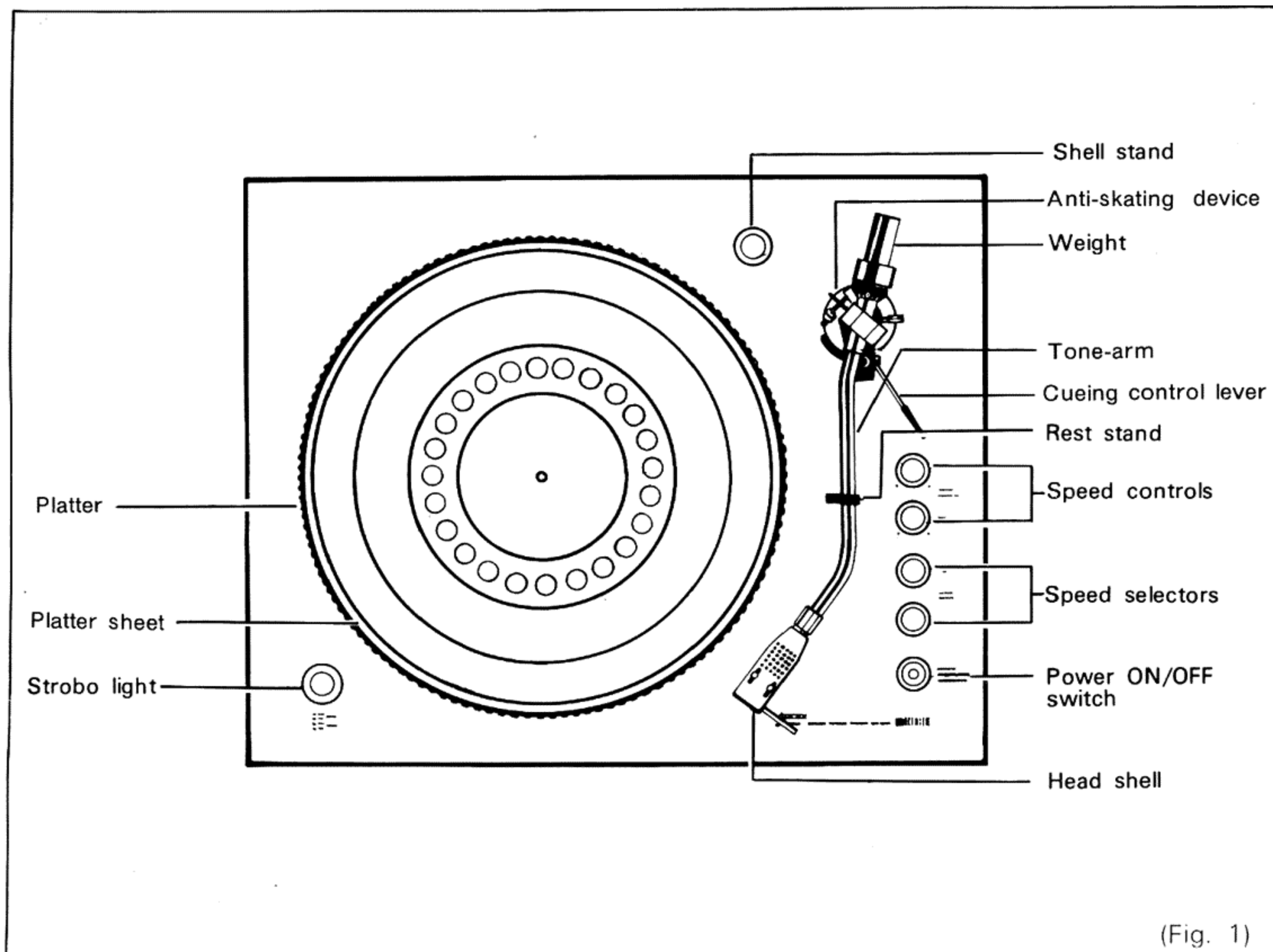
DIRECT DRIVE RECORD PLAYER

SR-370



Please read this owner's manual thoroughly to ensure correct operation of your new record player.
Warning: To prevent fire or shock hazard, do not expose this appliance to moisture.

FUNCTIONS



UNPACKING

■ Preliminary procedure

To prevent troubles due to vibrations or shocks during transportation, the player body is packed separately from the platter and other parts of weight or precision parts.

These parts must be prepared for operation according to the following procedures.

■ Unpacking

1. Take out a small case on the packing material.
2. Take out the record player and packing material from the carton.
3. Unfasten the tone-arm by removing the tape.
4. Take out the head shell, the weight, the sub weight and the overhang gauge from the small case.

ASSEMBLY PROCEDURE

■ Preparation

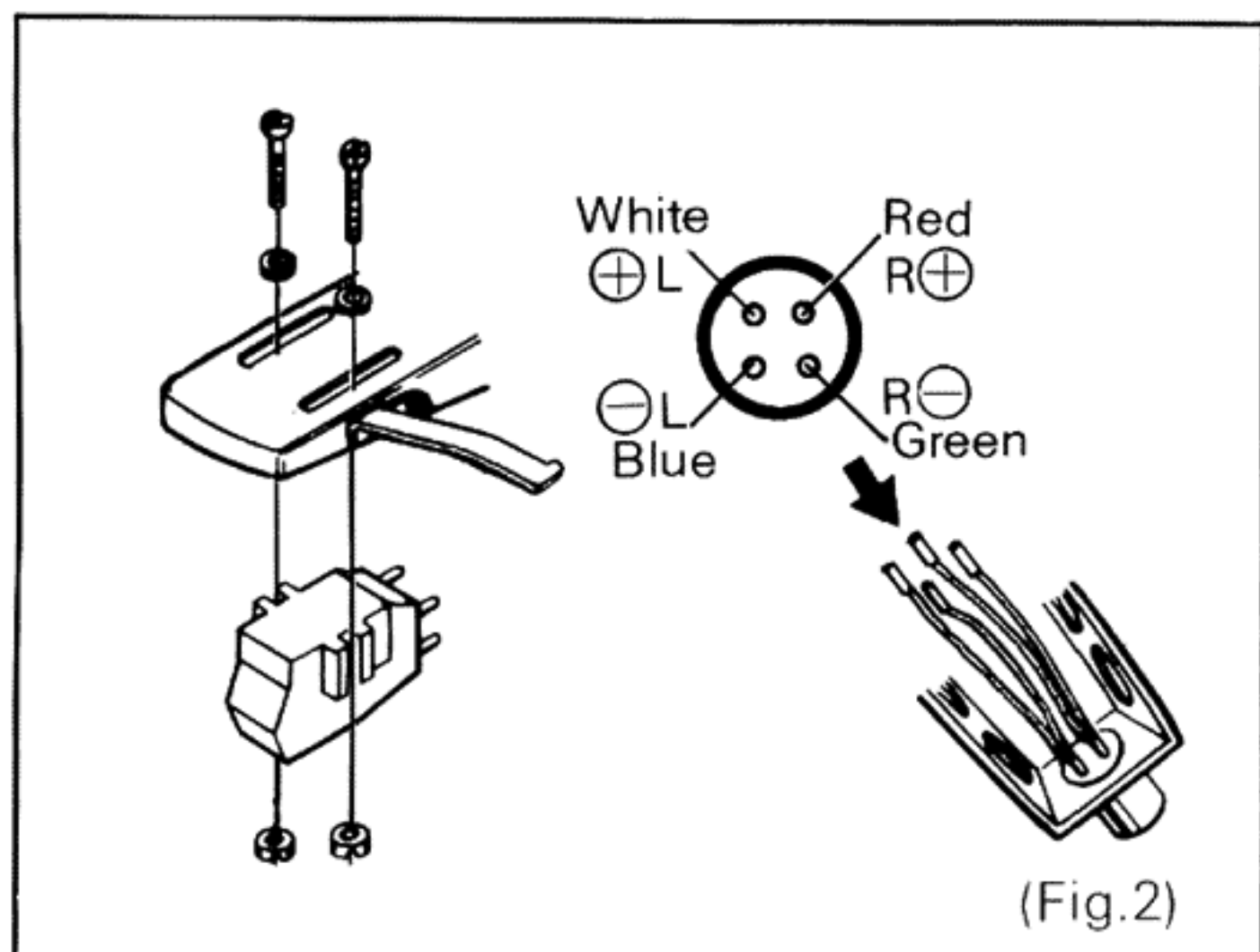
Prepare the record player according to the following procedures.

1. Take out the platter from the packing and install it on the record player.
2. Place the platter sheet on the platter.
3. Attach the head shell (with cartridge) and the weight.
4. Adjust the tracking force. (See "Adjustment of tracking force")

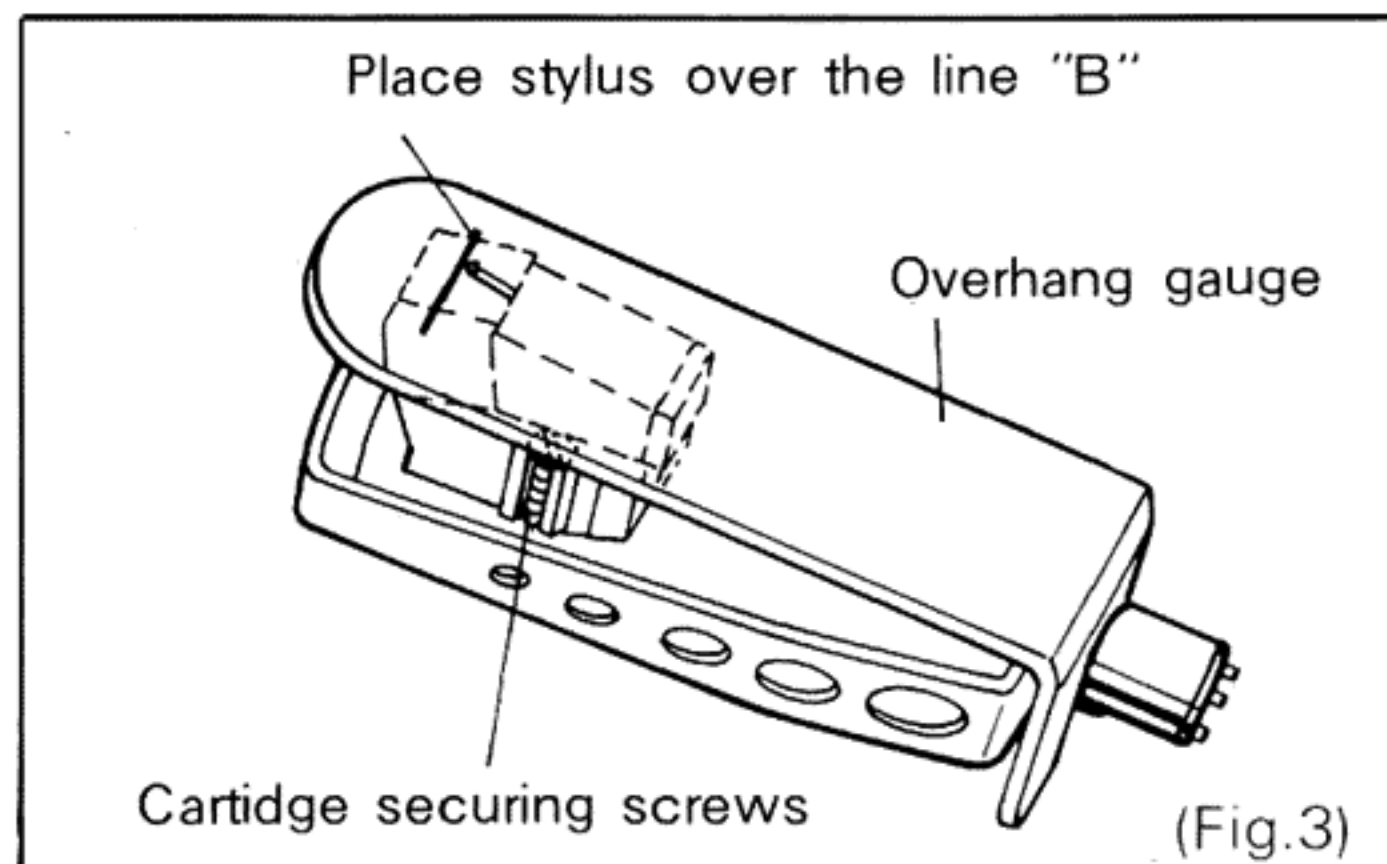
■ Installation

The record player should be installed horizontally at a place as far apart from the loudspeakers as possible in order to avoid the adverse effect of vibration of the loudspeakers. It should not be installed at a place of high moisture content, subject to direct sunlight or of high temperature.

■ Adjustment of overhang



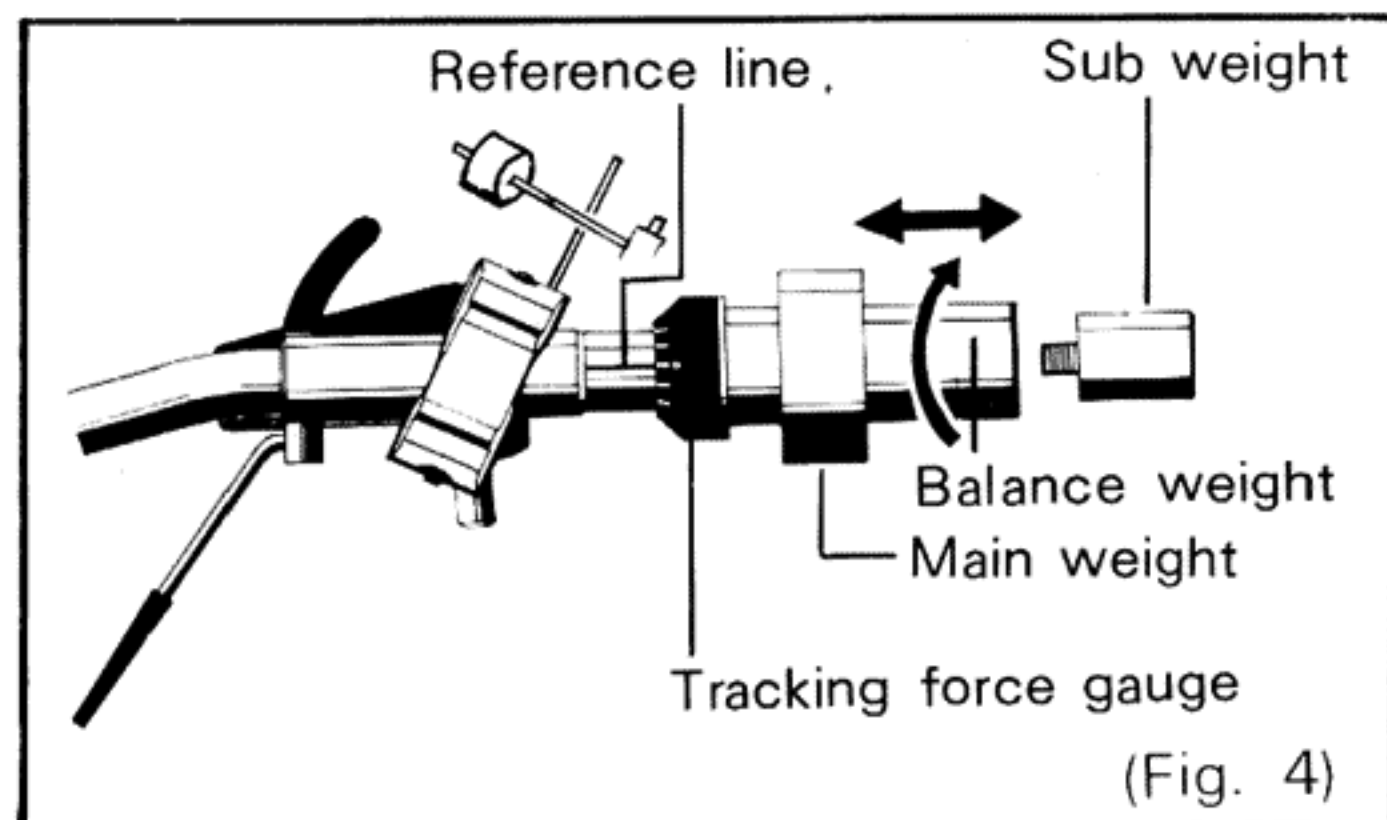
1. Fix the cartridge to the head shell, and connect the leads of the head shell to the cartridge correctly. (Fig. 2)
2. Adjustment of the overhang is required, when the cartridge is fixed. As shown in the figure below apply an overhang gauge from the connector side, and fasten the cartridge securing screws so that the stylus tip comes to line B on the overhang gauge. An optimum overhang is then provided. By so doing, the tracking performance of the cartridge is exhibited to the fullest extent. (Fig. 3)



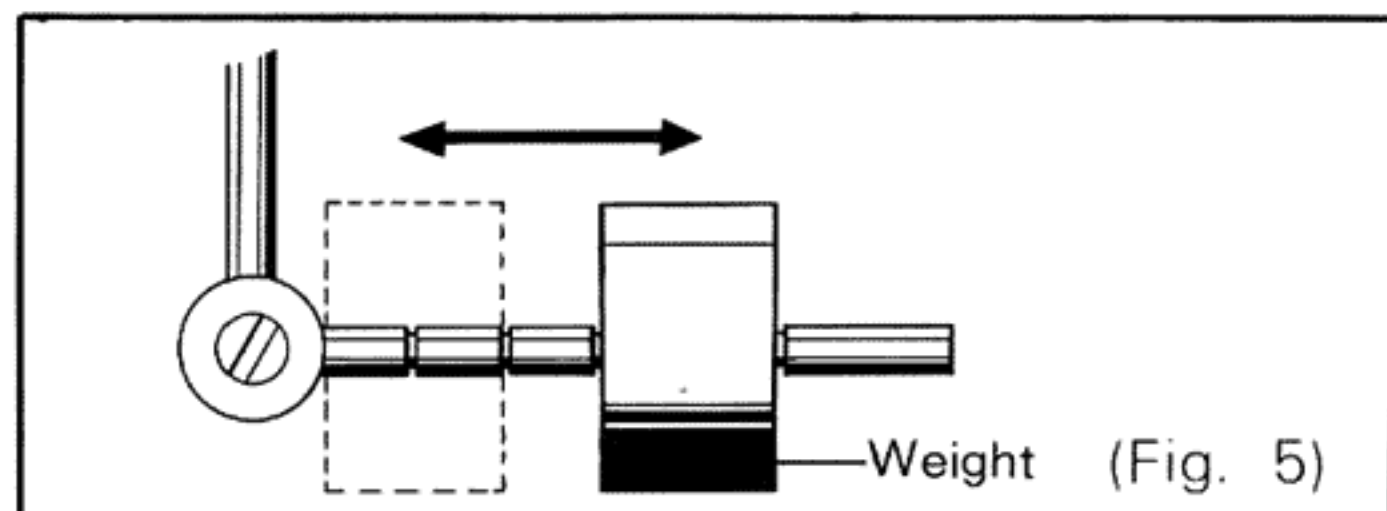
■ Adjustment of tracking force

(Be sure to adjust)

1. Lower the ceiling lever, then loosen the tone-arm from the rest stand by hand. At this time, take care that the stylus tip does not strike the platter sheet.
2. By turning the weight, adjust the tone-arm until it levels. Then turn the tracking force gauge to set the "0" mark to the reference line of the tone-arm.
3. Turn the balance weight in the direction of arrow and adjust to an appropriate tracking force.



■ Adjustment of anti-skating device

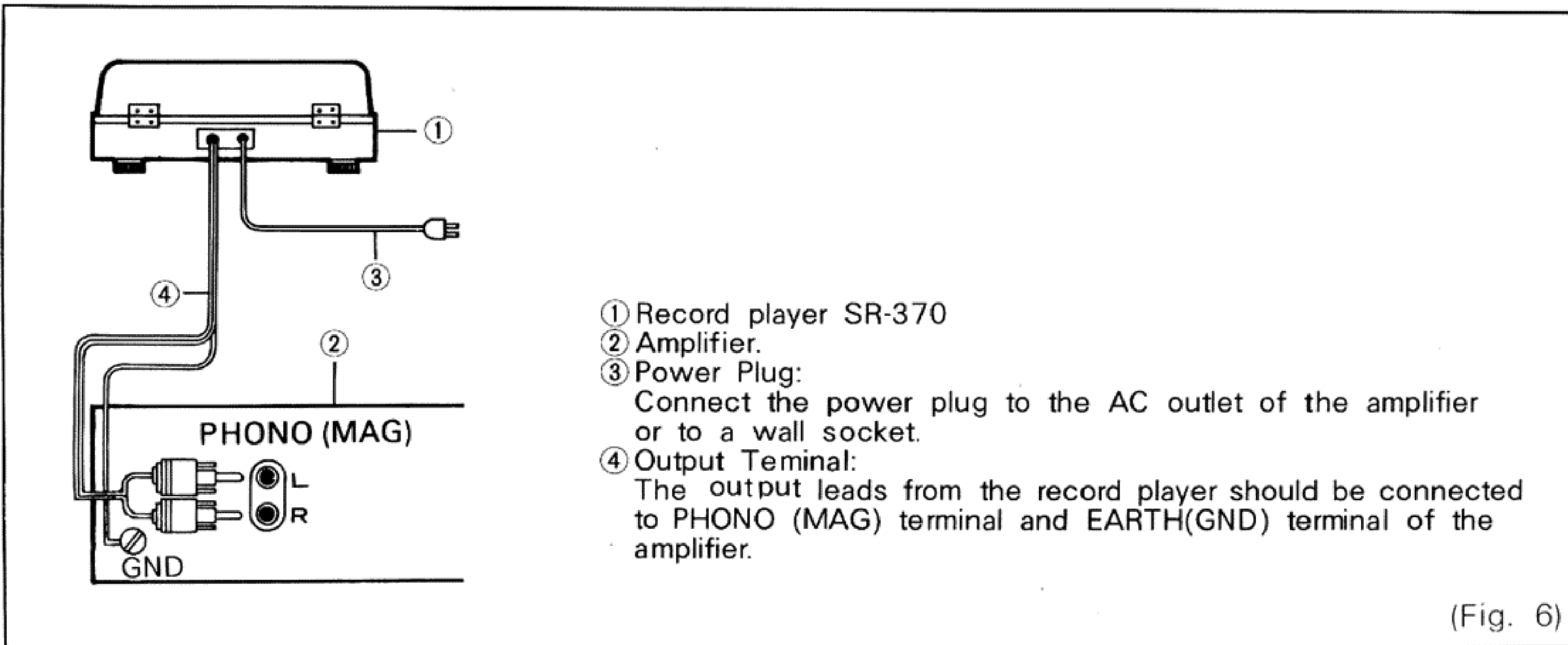


1. To get the optimum performance, set the weight of the anti-skating adjustment at the position which corresponds to the tracking force.
2. The weight at the left end as shown corresponds the minimum tracking force of one gram and it gains every 0.5 grams as it shifts every click.

NOTE

When you use heavy cartridge, screw in the subweight as shown in (Fig. 4)

■Connections



OPERATION

■Operation procedure

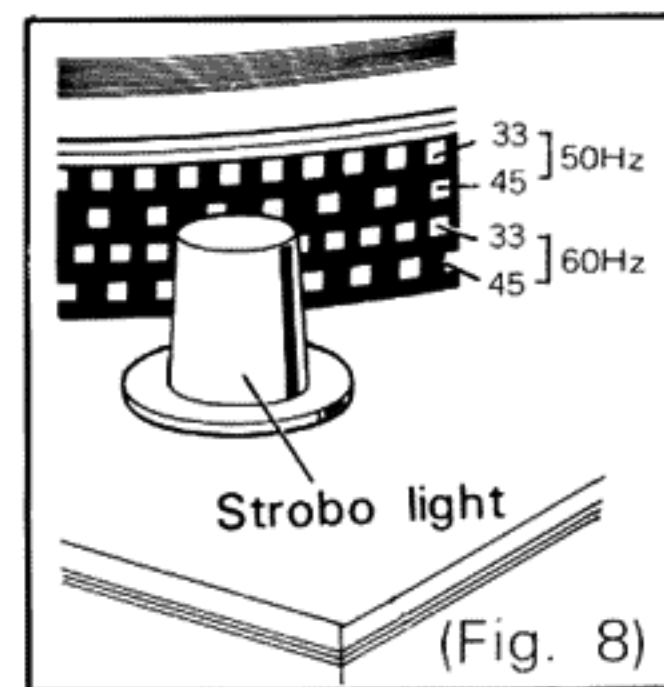
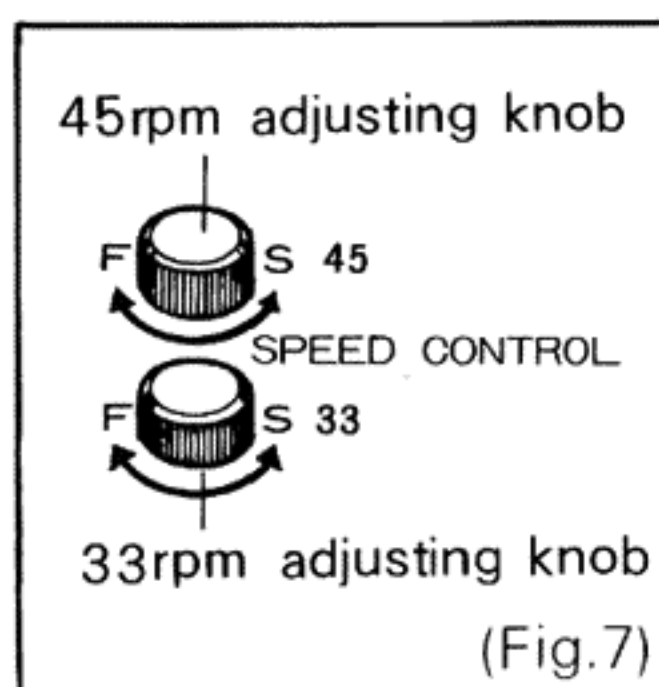
In operating the record player, set the volume control of the amplifier to the minimum position.

1. Place the record on the platter.
2. Push the power switch. Then the platter begins to rotate.
3. Set the speed to your record speed.
4. Lift the cueing lever, move the tone-arm on the record, then move the cueing lever downward. The stylus will be lowered quietly onto the surface of the record to start playing.
5. When the record is finished or you wish to stop the playing before it is finished, move the cueing lever upward and return the tone-arm to the rest stand with your hand.
6. Push the power switch again. The power is cut off, and the platter will cease to move.

■Adjustment of platter speed

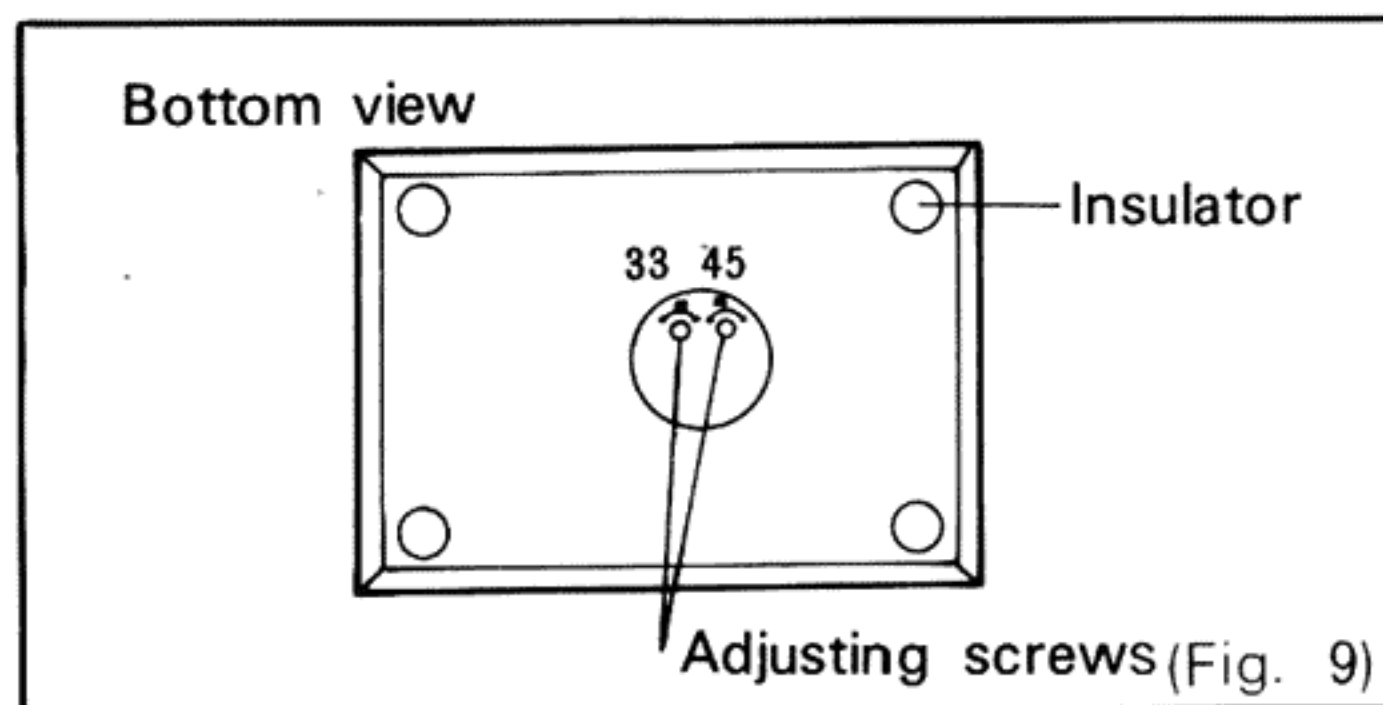
To perform the fine adjustment of platter speed, first, push the 33rpm(or 45rpm.)speed selector button and then turn the 33rpm(or 45rpm.)speed control knob. Turning this knob in the "F" direction(clockwise)will make the turning speed fast, and turning it in the "S" direction(counter-clockwise)will make it slow.

When the stroboscope ceases to move, you have got the right speed.



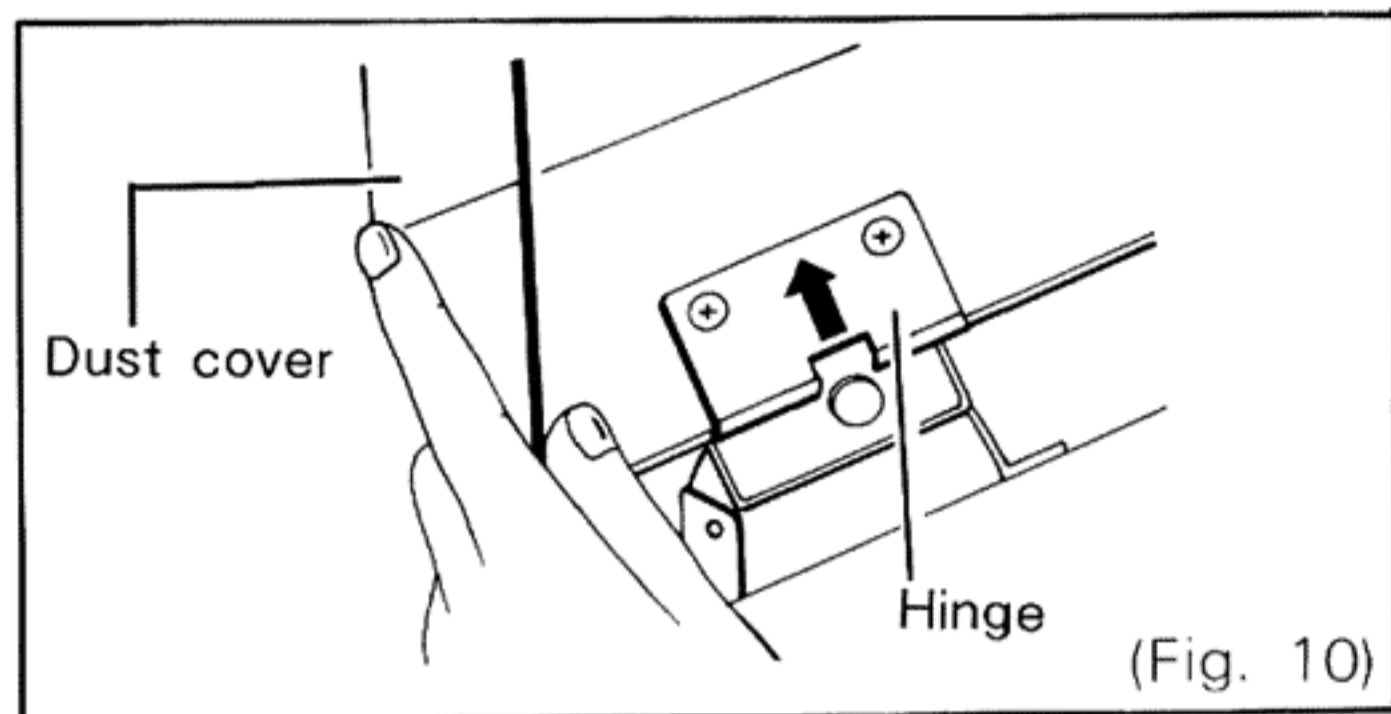
* Note

Do not touch the adjusting screws on the bottom of the record player. These screws are adjusted in the factory so that the middle of the fine adjustment range of the platter speed coincides with the center of the turning range of the speed control knobs.



■ Cautions

1. When the record player is not used, keep the cueing lever downward.
2. A dirty stylus may cause distortion or deterioration of sound.
It may also cause incorrect tracking of the stylus. To clean it, use a soft brush and dust off the stylus tip gently.
3. To take the dust cover off, lift it fully upward holding the cover side near the hinge as shown in the illustration. (Fig. 9)



■ Lubrication

This record player uses an oilless bearing and needs no lubrication.

■ Transport of record player

When the record player is to be transported, use the original carton and packing materials. If the carton and packing materials are unavailable, the record player should be packed in the following manner.

1. Take out the platter and the platter sheet together and pack them carefully to prevent scratches.
2. Place the tone-arm on the rest stand and lock it with a string.
3. Take out the weight and the head shell with cartridge from the tone-arm and park them in a small box.
4. Wrap the cabinet in a blanket or soft paper to avoid scratches.

FEATURES

1. Direct drive system

The SR-370 employs a direct drive system. Unlike conventional types of record players using a drive belt or an idling wheel, the platter is directly connected with the motor shaft. And this assures lasting performance.

2. DC servo control motor

The DC servo motor is completely free from the effect of variations of power frequency, and provides smooth and stable revolution.

Changeover of platter speed is accomplished by an electronic push-button system. Fine adjustment of 33 1/3 or 45 rpm. can be done independently by the stroboscope and the speed control knob.

3. Deluxe S-shaped static balance tone-arm.

The tone-arm features exceptional sensitivity in both horizontal and vertical directions. It permits the cartridge to offer the ultimate in performance.

4. Cueing lever.

The tone-arm is easily raised and lowered by the lever not to harm your records or stylus.

5. Plug-in head

The plug-in head shell system permits your choice of a variety of cartridges available in the market.

6. Non-resonance and non-vibration cabinet.

The cabinet is made of newly developed acoustic damping, solid material.

This prevents resonance or vibration and minimizes acoustic feedback.

7. 31.5cm platter with stroboscope.

The platter with its wider (31.5cm) diameter maintains correct operation.

8. Insulator

The unique insulators attached to the four bottom corners of the cabinet prevent acoustic feedback and vibration from external source. They are also effective in minimizing shocks during operation.

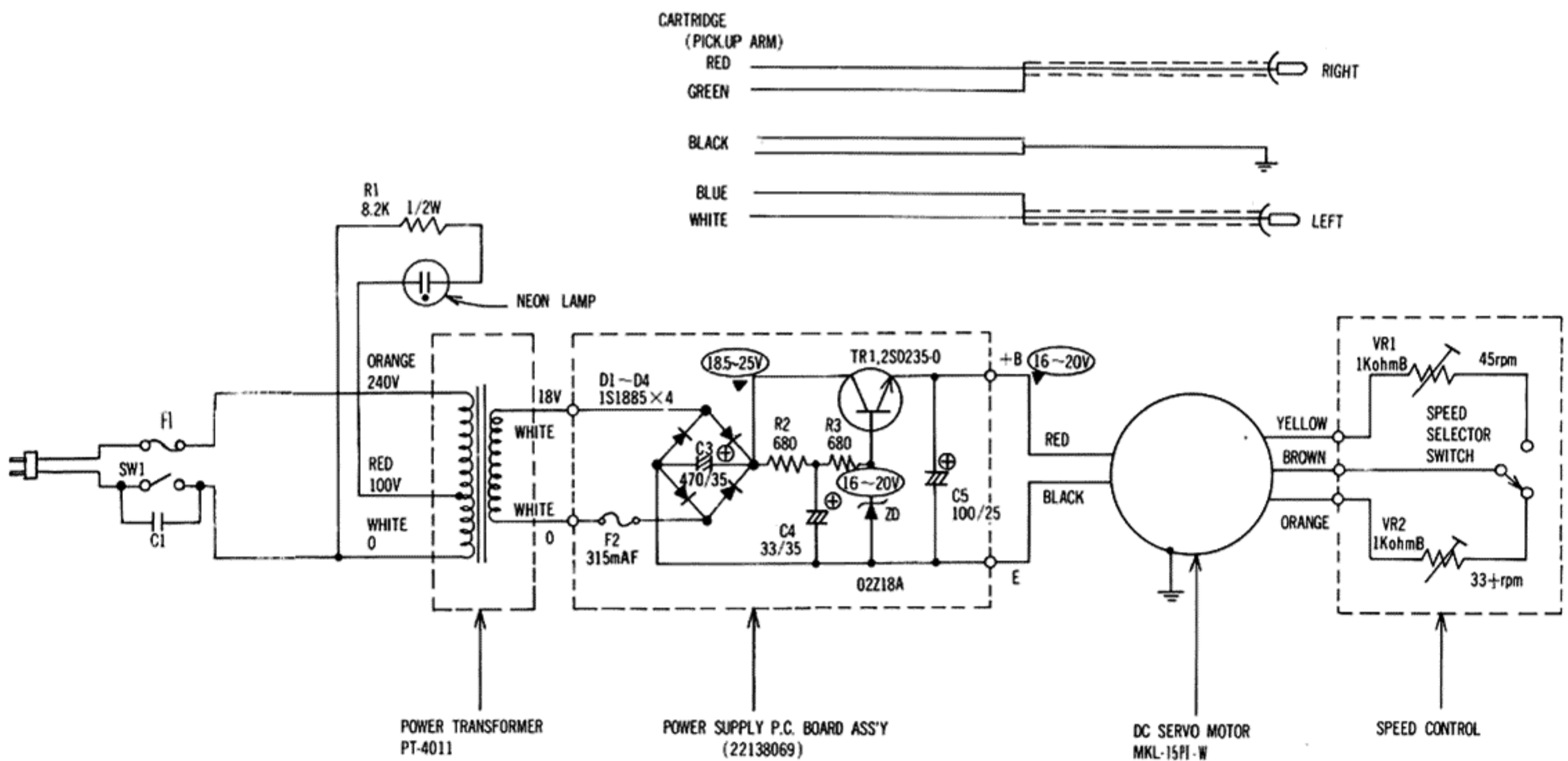
SPECIFICATIONS

Drive system: Direct drive.
Drive motor: DC servo motor (8 poles, 24 slots)
Speeds: 2 Speeds, 33-1/3 and 45 rpm
Speed requation range: Within 2% (individual control for 33 and 45 rpm)
Platter: Aluminum die-cast, with stroboscope, (1.5Kg)
Tone-arm: Static balance type S-shaped pipe arm
 Effective length 237mm
 Overhang 15mm
 Tracking error angle +2° ~ -1°30'
 Tracking force direct-read system
 Stylus pressure response type anti-skating system
 Usable cartridge weight range 4gram minimum- 20gram maximum

SN ratio: 60 dB
Wow & Flutter: 0.04% WRMS
Power source: AC 220V-240V 50Hz
Power consumption: 5W
Dimensions: 471(W)×373(D)×180(H) mm.
Weight: 15Kgram
Completed with: Cueing control device
 Shell stand
 Insulators
 Detachable hinges

Downloaded from www.vinylengine.com

SR-370 SCHEMATIC DIAGRAM



All specifications subject to change without prior notice.

■ This part is for England Model only.

IMPORTANT

The wires in this mains lead are coloured in accordance with the following code:

Blue:	Neutral
Brown:	Live

- As the colours of the wires in the mains lead of this apparatus may not correspond with the coloured markings identifying the terminals in your plug proceed as follows.
- The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured blue or black.
- The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured brown or red.

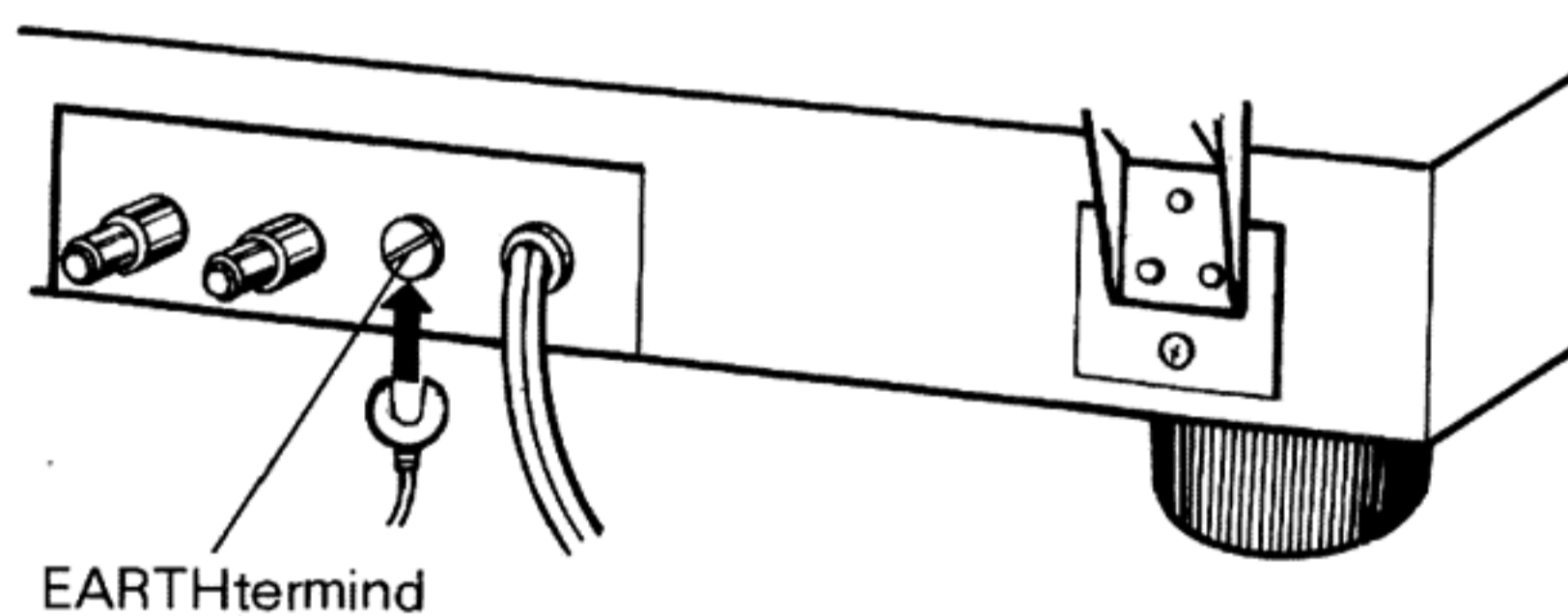
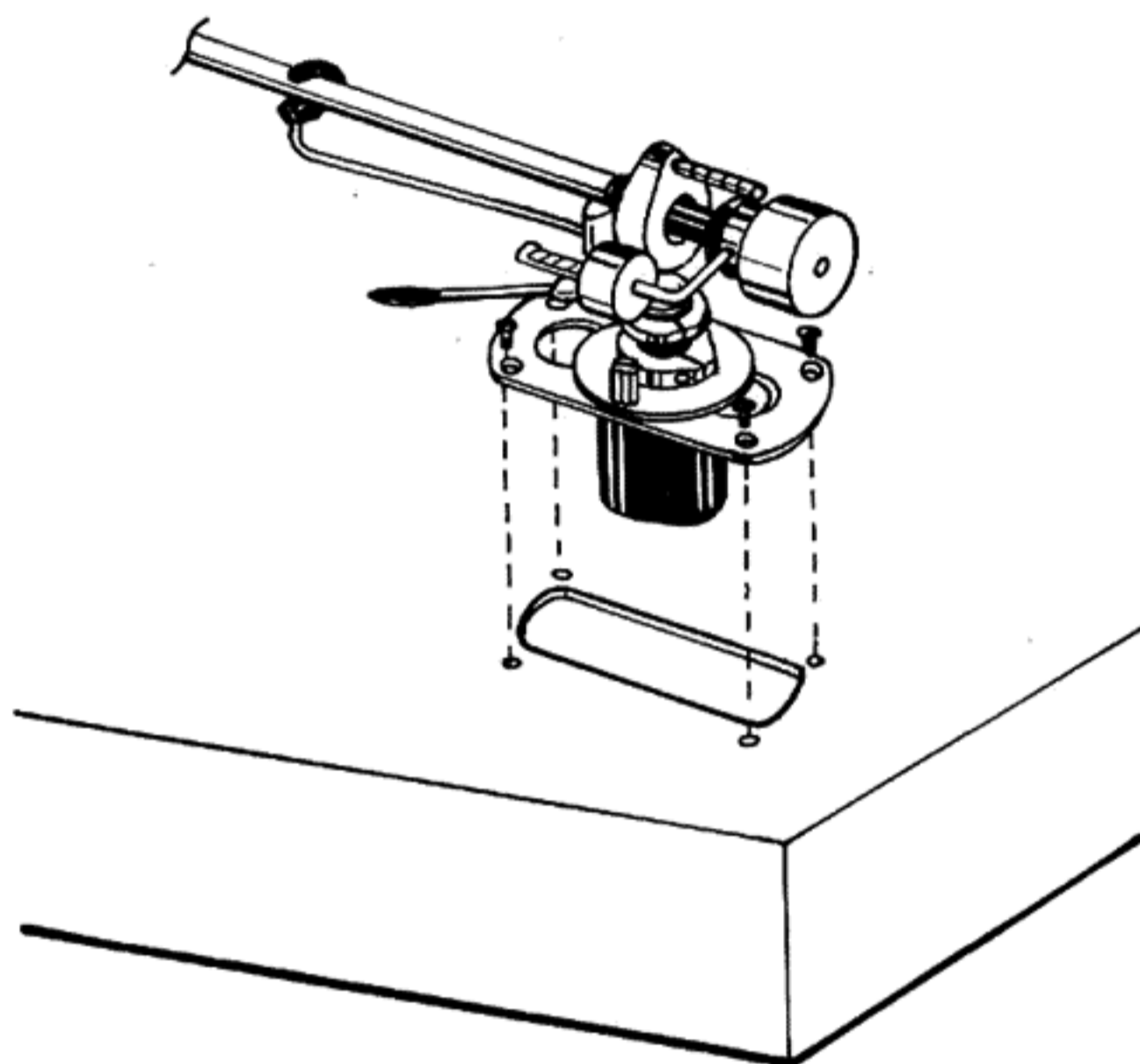
This player is made after model SR-370 but the TONE ARM Specifications are the same as that of SR-370
The following is how to to fix SME TONE ARM
The tuning and handling are described in "OWNER'S MANUAL" of TONE ARM

1. HOW to fix SME TONE ARM.

Fix your SME TONE ARM with the attached four screws (M3)

2. HOW to earth TONE ARM.

Fix the earth terminal with a screw at the G-terminal at the back of the player.





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