

AUTO RETURN
BELT DRIVE
TURNTABLE

KD-2055

INSTRUCTION MANUAL

INTRODUCTION

Thank you for purchasing our turntable. Because we take great pride in the long tradition of quality components the name KENWOOD represents, your choice of our product places you in a distinguished family of connoisseurs of superb high-fidelity sound reproduction.

The purpose of this manual is to acquaint you with the operating features of your new turntable. You will notice that in every detail of planning, engineering, styling, operating convenience, and adaptability, we have sought to anticipate your needs and desires.

We suggest that you read this manual carefully. Knowing how to set up your turntable, to the best advantage, will enhance your listening pleasure right from the start. You will also become aware of the ease with which you can adjust your turntable to meet your special requirements.

FEATURES

- Anti-Resonance Compression Base
- Variable Speed Automatic Return Mechanism
- Automatic Cut Mechanism
- Low Wow Flutter Belt Drive System
- Unique S-Shaped Tonearm
- Viscous-Damped Cueing Device
- Anti-Skating Device
- Cushion Insulator
- Free Stop Type Dust Cover



the sound approach to quality
KENWOOD

NOTES

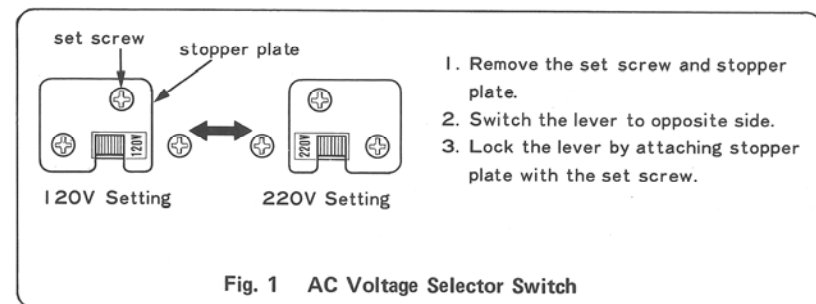
LINE VOLTAGE

In every district there is its own combination of power supply voltage and frequency. This unit is shipped after it has been preset to the condition in destination. However, if it should deviate from the required setting, then it must be rearranged by use of the AC voltage selector switch and the extra pulley in accordance with the following information:

Destination	AC voltage	Frequency	AC voltage selector
U.S.A.	120V	60 Hz	Not provided
Canada	120V	60 Hz	Not provided
Scandinavia	220V	50 Hz	Not provided
Australia	220V	50 Hz	Not provided
Europe	120 ~ 220V	50 / 60 Hz	Provided
Other nations	120 ~ 220V	50 / 60 Hz	Provided

MODIFICATION OF AC VOLTAGE

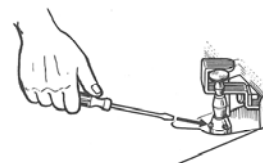
The AC voltage can be switched over always after pulling off the AC plug from the wall outlet (Fig. 1).



Our warranty does not cover damage caused by excessive line voltage due to improper setting of the AC voltage selector switch.

ADJUSTING TO YOUR LINE FREQUENCY

An extra pulley and screwdriver are supplied with all turntables shipped to certain areas where both 50 and 60 Hz AC power is available, so that the pulley that matches the line frequency can be used. They are not supplied with turntables shipped to areas where only 50 Hz or 60 Hz AC is available.



1. Remove the line plug from the AC outlet.
2. Remove the turntable platter.
3. Loosen the set screws on the motor pulley and change the motor pulley.
4. Tighten the two set screws.
5. At the same time, pass the drive belt, which is underneath the turntable platter, through the guide arm and hook it over the motor pulley.

Fig. 2 Adjusting to Your Line Frequency

PRECAUTIONS CONCERNING INSTALLATION

Close attention to the following installation hints will help you to get best performance from this turntable.

- Install the turntable in a perfectly horizontal position on a firm foundation that is free from vibration.
- Avoid locations that are subject to direct sunlight, and those adjacent to heaters or stoves.
- Best performance may not be obtained in extremely cold, freezing temperatures.
- Avoid damp locations and places where there is no ventilation.
- It is advisable to keep the turntable as far away from the speakers as possible to prevent howling and feedback problems.

WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

SERIAL NUMBER

Record your SERIAL NUMBER on the spaces designated on the warranty card. You will find the serial number on the back of the unit.

UNPACKING AND SETTING-UP

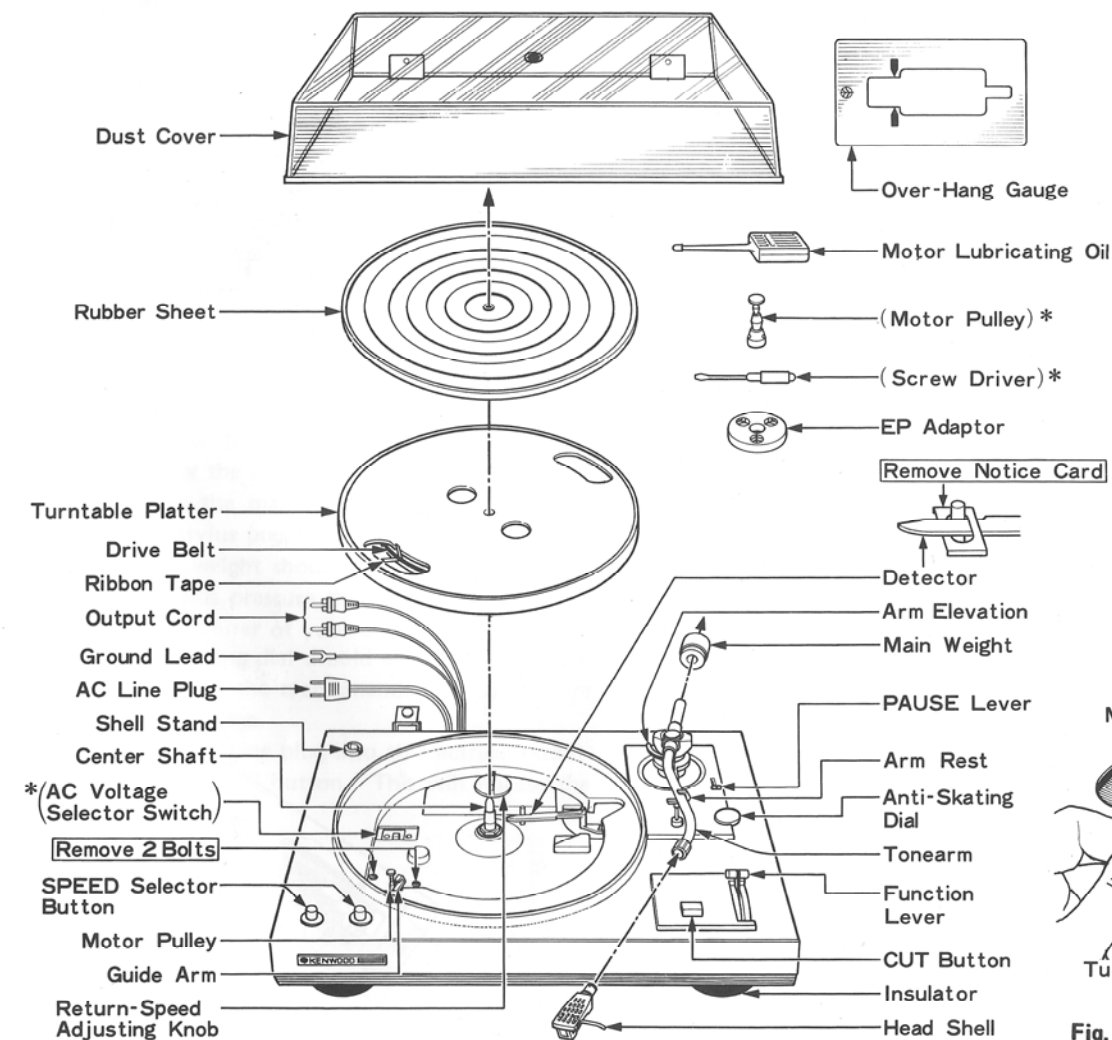


Fig. 3 Location of Parts

1. Refer to Fig. 3 and confirm that all parts are correctly furnished. (See page 8)
2. Be sure to remove the two bolts and notice card located beneath the turntable platter position that are used to protect the motor and detector arm during shipment.
3. Place the turntable platter on the center shaft, and attach the drive belt to the motor pulley and guide arm. This can be done easily by using ribbon tape as shown in Fig. 4.
Place the rubber sheet on the turntable platter.
4. Attach the cartridge to the head shell as described under "How to attach the cartridge" on page 4.
Turn the ring on the tonearm in the direction illustrated. This locks the head into the tonearm securely. (Fig. 5)
5. Attach the main weight to the rear of the tonearm by turning it to the right.

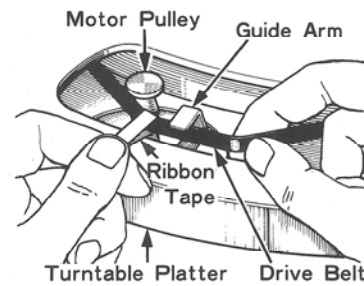


Fig. 4 How to Attach the Belt

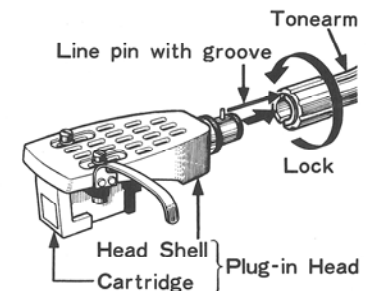


Fig. 5 Attaching the Plug-in Head

CONNECTIONS

- Connect the output cord (White : L, Red : R) extending from the rear part of the turntable to the "PHONO" input terminals that are available usually on the rear panel of most amplifiers. The ground lead from the turntable should also be connected to the "GND" terminal of your amplifier.
- When a low output, moving coil (MC) type cartridge is used, connect a step-up transformer or an amplifier designed for use with MC type cartridges.
- If a non-standard cartridge is used, connect it to the amplifier by following the instruction manual for the cartridge.

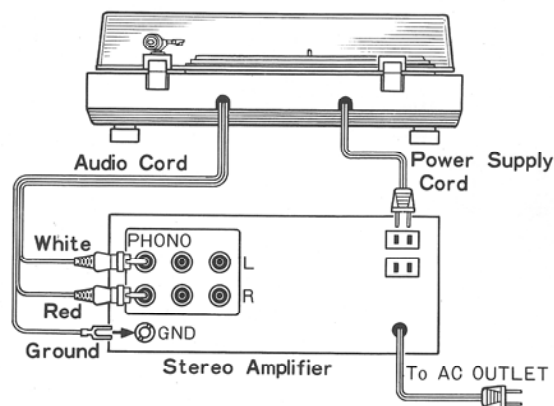


Fig. 6 Amplifier and Connections

HOW TO ATTACH THE CARTRIDGE

- Cartridge can be attached easily as follows. The tonearm uses EIA standard connectors that can accept any headshell on the market that conforms to this standard.

1. According to Fig. 7 mount the cartridge of your choice but keep the two screws slightly loose so that the cartridge can be shifted forward and backward as desired. Use appropriate length screws.
2. Slip the overhang gauge over the head shell as shown in Fig. 8 and move the cartridge so that the stylus point lines up with the gauge arrow-marks. Now tighten the cartridge locking screws. This completes correct stylus overhang adjustment for this turntable.

Note: Usable cartridge weight 4 ~ 13 grams

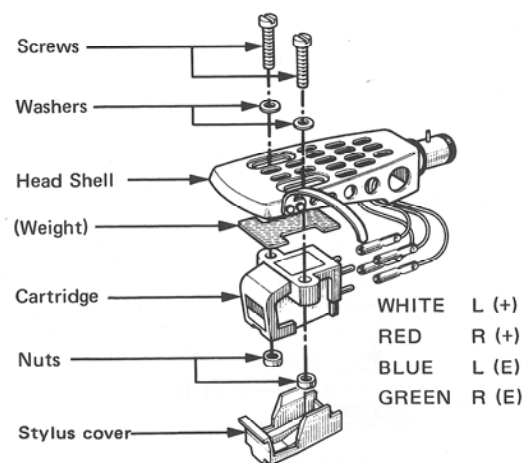


Fig. 7 Attaching the Cartridge

HOW TO ATTACH THE DUST COVER

- You can attach the dust cover easily as shown below. This can be done with a "one-touch" operation.

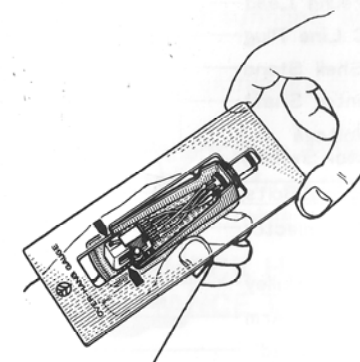
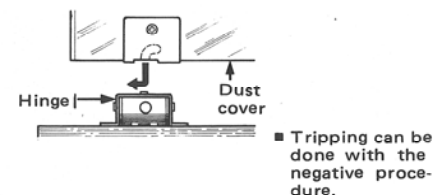


Fig. 8 Adjusting the Over-hang

STYLUS PRESSURE ADJUSTMENT

• Adjustment should be carried out in the sequential order as shown below. The optimum stylus pressure of the KENWOOD cartridge V-39 Mk-II is 2 grams. Therefore, both stylus pressure and anti-skating should be set to 2. If another cartridge is used, setting should conform to the specified stylus pressure of that cartridge.

1. Set the anti-skating dial to "B".
2. Remove the stylus cover and release the tonearm from the arm rest lock of the arm stand.
3. Set the pause lever to "X".
4. Switch the function lever to "PLAY". This will cause the arm elevation to descend.
5. Obtain perfect horizontal balance of the tonearm by moving the main weight either forward or backward.
This can be done by turning the main weight one way or the other.
6. Now hold the main weight in place and turn only the stylus pressure indicator to "0" reading.
7. The main weight should be now turned and set to the stylus pressure that is recommended by the manufacturer of your cartridge.
8. The anti-skating dial should always be set to the same value as the recommended stylus pressure of your cartridge.
9. Insert the AC line plug into an electrical outlet. Push the "CUT" button. This will release the function lever.

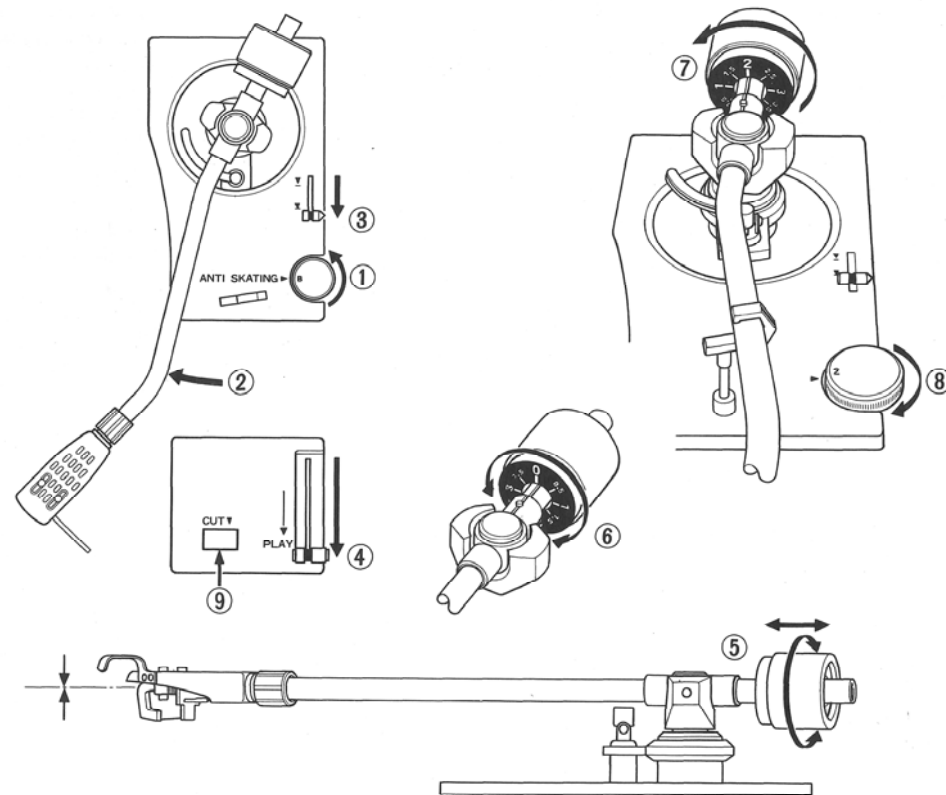


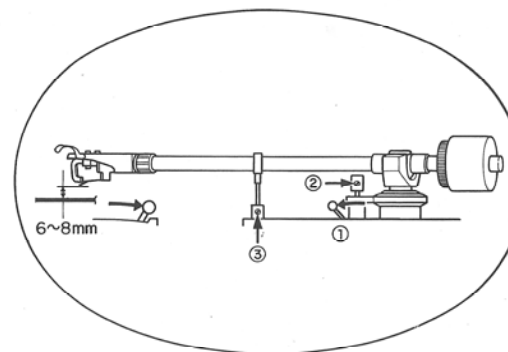
Fig. 9

OPERATING INSTRUCTION

- Before operating the turntable, recheck the connections to the amplifier and the amplifier control settings and see that they have been made correctly.
1. Place a record on the turntable platter. If an EP record is used, you have to insert the supplied EP adaptor into the center shaft.
 2. Set the pause lever to "▼" position.
 3. Switch the function lever to "PLAY".
 4. Push the speed selector button to the correct speed of the record.
 5. Move the tonearm to the record starting position.
 6. Switch the pause lever to "▼" position. This will cause the arm elevation to descend and record play will begin.
 7. At the end of the record play, the tonearm will return to the arm rest and the function lever will be released.
 8. When it is desired to interrupt record play, set the pause lever to "▼". The tonearm will then ascend, forcing the stylus to leave the record surface, and come to a stop above the record which will continue to turn. Setting the pause lever to "▼" position will cause record play to resume at approximately the same place where it was cut off.
 9. When it is desired to stop part ways through a record play, push the "Cut" button.

* When adjustment of the stylus tips height become necessary by exchanging the cartridge, recheck the operation lever to position as shown illustration and adjust it as follows:

- (1) Set the pause lever to "▼" position.
- (2) Unloose the screw of the arm elevation, and adjust its height so that the stylus tip may move the record surface of 6 ~ 8 mm.
- (3) Unloose the screw of the arm rest and adjust its height, forcing the tone arm to return the arm rest smoothly.



Record play cannot be started within a radius of $2\frac{1}{2}$ " (63mm) from the center of the disc.

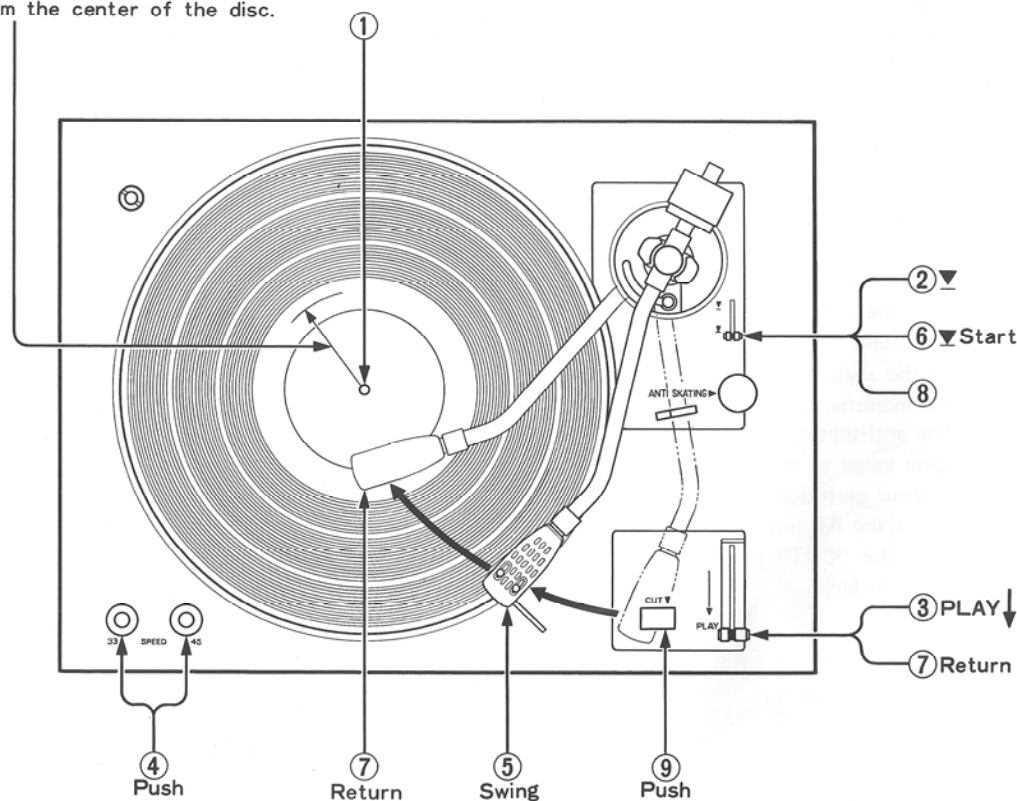


Fig. 10

MAINTENANCE

ADJUSTING THE AUTO-RETURN SPEED OF THE TONEARM

The auto-return speed of the tonearm may become fast or slow when the turntable is used under extreme temperature conditions. When the turntable platter is removed, the speed of this action is adjustable as shown in Fig. 11.

LUBRICATION

When the turntable platter is removed, you will notice a lubricating hole as shown in Fig. 12. The light motor oil supplied with this turntable should be used for application here.

Special care should be taken not to drop oil on rubber components or parts which come into contact with them.

CLEANING THE CASE AND THE DUST COVER

Clean the case and dust cover gently with dry cloth or silicone cloth. In case they are badly dirtied, wipe them with cloth wetted in soapsuds and wrung.

Never use thinner, alcohol, benzine or other volatile liquid.

CLEANING OR REPLACING THE DRIVE BELT

If the drive belt is kept clean and special care is taken periodically to wipe off with alcohol this belt and all parts coming into contact with it, as well as the motor pulley, you can expect reliable, long service life from this turntable. Remember that dust and oil accumulation on the drive belt can cause slipping, with resulting wow and flutter problems. Always use alcohol to clean. Avoid thinner or benzene.

The part number for a replacement drive belt set (Orange box) is D16-9004-00. (Drive belt — D16-0037-13).

ABOUT THE V-39 Mk-II CARTRIDGE

The V-39 Mk-II cartridge is supplied with turntables that are shipped to certain areas of the world.

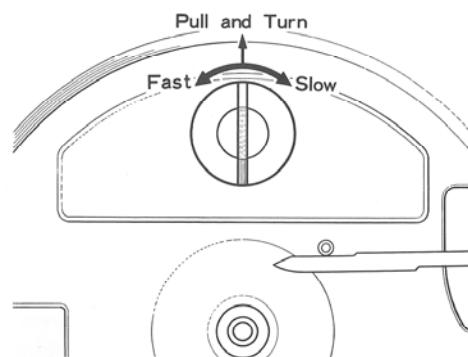


Fig. 11 Adjusting the Return Speed

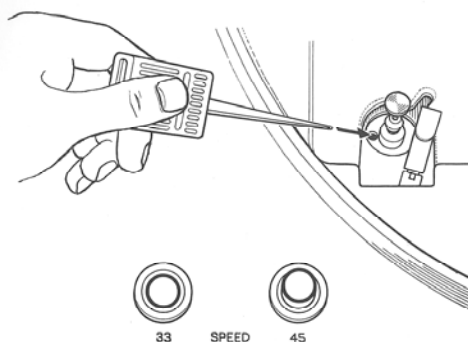


Fig. 12 Lubricating Point

STYLUS PRESSURE ADJUSTMENT

Two grams is the recommended optimum stylus pressure for this V-39 Mk-II cartridge.

Stylus pressure and anti-skating adjustments should be made accordingly to "2" as explained on page 5.

LIFE OF A STYLUS

Diamond stylus is used in this cartridge. It is normally good for 500 hours for LP records on one side, but this varies greatly depending on how it is used.

A worn stylus will cause treble tones to increase in harshness. To prevent excessive record wear, a stylus should be replaced as soon as this becomes noticeable.

HOW TO REPLACEMENT THE STYLUS

N-39 Mk-II is the designation of the replacement stylus for that in the V-39 Mk-II cartridge.

Replacement stylus may be obtained from the dealer from whom you purchased this turntable.

You can replace the stylus easily as shown below.

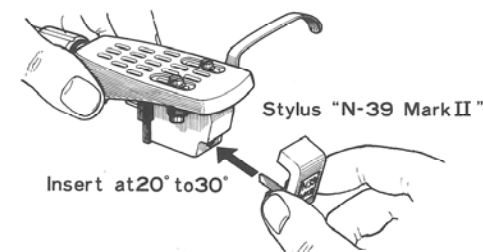


Fig. 13 How to Replace the Stylus

TROUBLE SHOOTING

Check the unit again.

Hum (boom, zzz noise) is generated.

- Check whether the audio cord and the ground wire are respectively connected between turntable and amplifier.
- Check whether the plug-in head is perfectly mounted.
- Rearrange the audio cord and try to change the turntable position.
- Try to reverse insertion of the AC line plug.

Howling occurs:

- Howling is caused by transmission of speaker's sound pressure or floor vibration to the turntable. The speaker systems should be installed as far from the turntable as possible. The turntable must be installed where the floor condition is sound and stable.

PERIODICAL CHECK-UP

Generally, machines operated over long periods without proper care and maintenance may develop trouble due to poor lubrication, wear, deterioration or the like. To ensure a long service life and stable operation, periodical check-up at an interval of two years or so, if possible, is recommended even if the equipment is normal condition.

Please have such a periodical check-up made through the dealer.

RATING

Power Consumption:	7 W
Dimensions:	W 480 mm (18-7/8")
	D 363 mm (14-5/16")
	H 146 mm (5-3/4")
Weight:	11 kg (24.3 lbs.)

AFTER UNPACKING

After unpacking, we recommend you inspect and examine the unit for any possible shipping damage. If your unit is damaged or fails to operate, notify your dealer immediately. If your unit was shipped to you directly, notify the shipping company without delay. Only the consignee (the person or company receiving the unit) can file a claim against the carrier for shipping damage.

We recommend you retain the original carton and packing materials to prevent any damage should you transport or ship your unit in the future.



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