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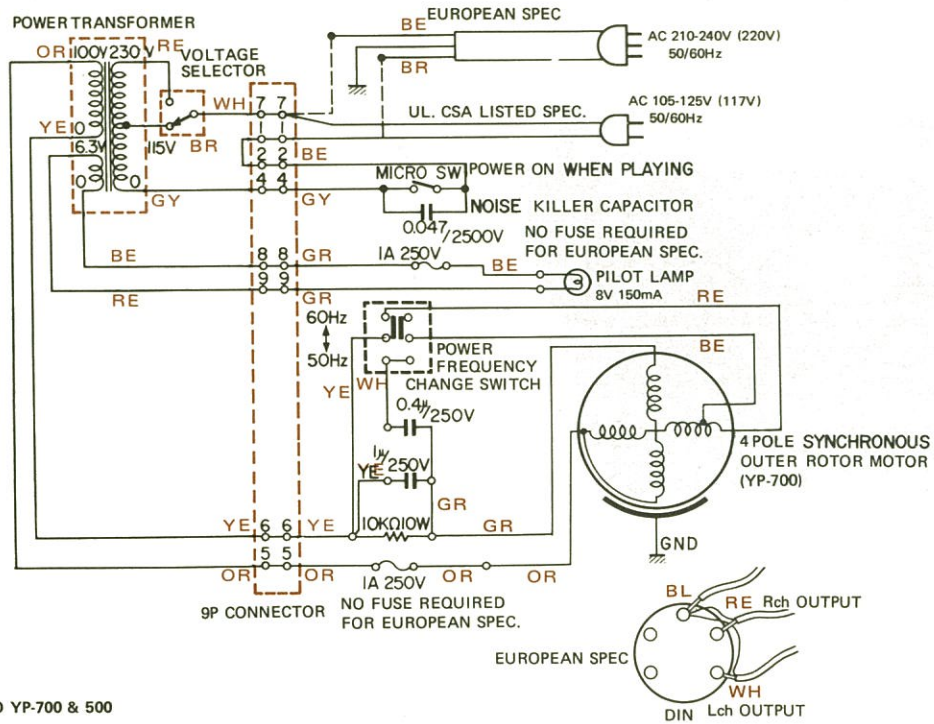
**1. SPECIFICATIONS**

	YP-700	YP-500
<b>TURNTABLE</b>		
Type:	2-speed (33-1/3 & 45 rpm), Belt drive	2-speed (33-1/3 & 45 rpm), Belt drive
Motor:	Synchronous outer rotor type motor	4-pole synchronous motor
Turntable platter:	30 cm in dia., Aluminum diecast	30 cm in dia., Aluminum diecast
Wow & flutter:	0.05 %	0.08 %
S/N ratio:	50 dB or better	48 dB or better
<b>TONE ARM</b>		
Type:	Static balance type S-formed pipe arm w/automatic start/return mechanism plus cueing control.	Static balance type J-formed pipe arm w/automatic start/return mechanism plus cueing control.
Stylus pressure:	0. – 4 gr.	-same-
Head shell:	Universal plug-in type, 12 gr. in weight.	-same-
<b>CARTRIDGE</b>		
Type:	YAMAHA CG-7000, or equivalent MM (moving magnet) type stereo cartridge weighing 5 – 15 gr.	-same-
Output level:	4 mV	-same-
Stylus pressure:	1.5 gr., Optimum	-same-
Frequency response:	10 – 25,000 Hz.	10 – 25,000 Hz.
Stylus:	Diamond tip, 0.7 mil.	-same-
Channel separation:	30 dB	-same-
<b>POWER SUPPLY:</b>	AC 105–125 V/210–240 V, switchable w/ voltage selector	-same-
<b>POWER CONSUMPTION:</b>	15 W.	-same-
<b>DIMENSIONS</b>		
(W x D x H):	480 x 410 x 161 mm (19 x 6-1/4 x 16-1/4")	441 x 387 x 165 mm (17-1/4 x 15-1/4 x 6-1/2")
<b>WEIGHT:</b>	9.2 kg. (20.2 lbs.)	-same-

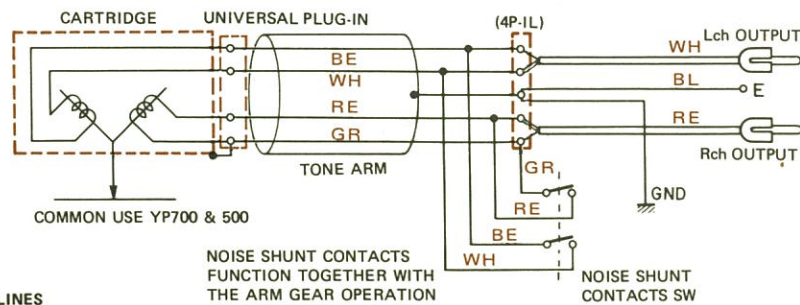
The above specifications are subject to change without prior notice.

## 2. SCHEMATIC DIAGRAM

POWER SUPPLY LINES  
Exclusive for YP-700



COMMON USE TO YP-700 & 500



POWER SUPPLY LINES  
Exclusive for YP-500

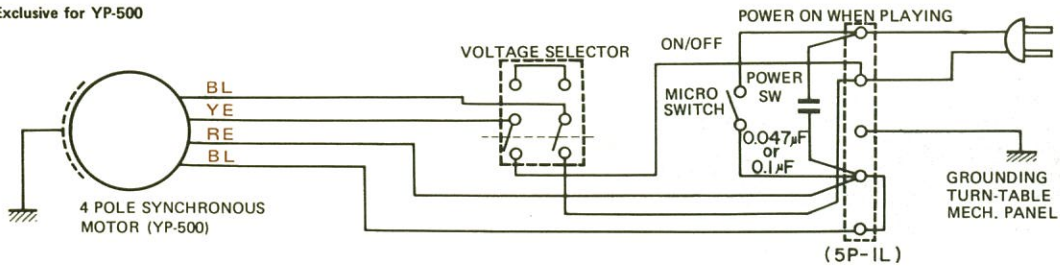


Fig.1

Abbreviations

BL: BLACK	GR: GREEN
BR: BROWN	BE: BLUE
RE: RED	GR: GRAY
OR: ORANGE	WH: WHITE
YE: YELLOW	BL: BLACK

### 3. APPELLATIONS OF PARTS

#### 3-1. OVERALL VIEW YP-700

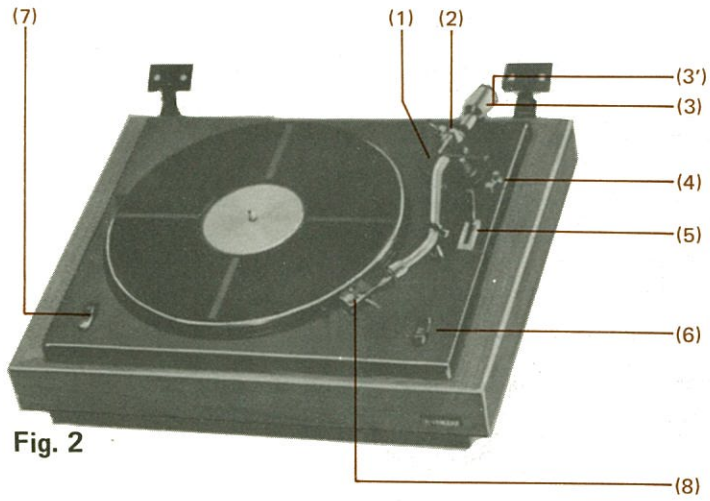


Fig. 2

- 1. CUEING MECH. ELEVATION-LIFT
- 2. LATERAL BALANCE
- 3. MAIN WEIGHT            3.' SUB WEIGHT
- 4. ANTI-SKATER WGT
- 5. CUE-LEVER
- 6. AUTO START SW KNOB (POWER ON/OFF)
- 7. SPEED CHANGE
- 8. UNIVERSAL PLUG-IN FOR HEAD SHELL

#### 3-2. OVERALL VIEW YP-500

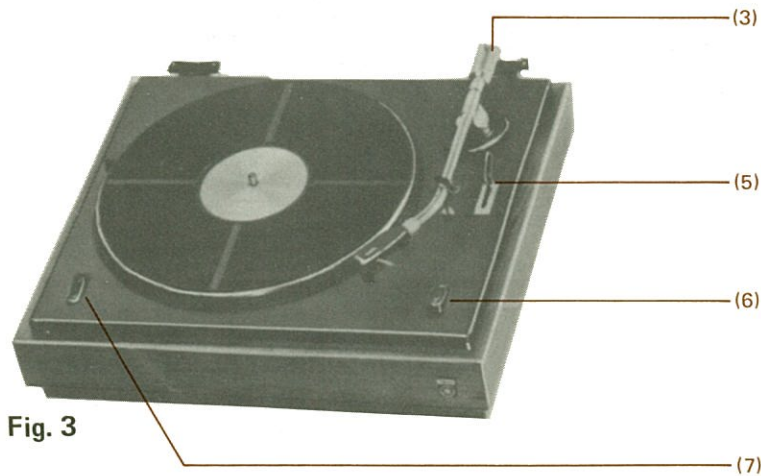


Fig. 3

3-3. TOP VIEW OF MECHANISM PANEL (W/O TURNTABLE), YP-700

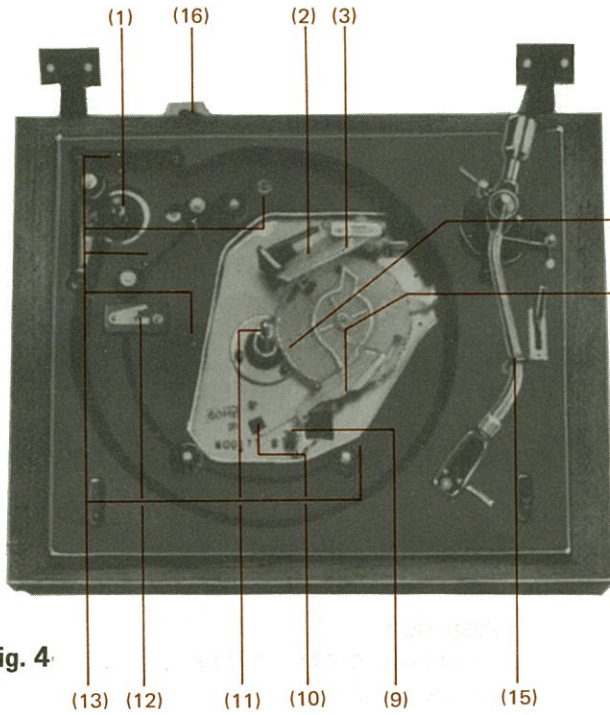


Fig. 4

- 1. MOTOR PULLEY
- 2. STOPPER PLATE B
- 3. STOPPER PLATE A
- 4. CROSS ARM
- 5. SPUR GEAR ASSY
- 6. PINION GEAR
- 7. PUSH-UP LEVER
- 8. SHORTCIRCUIT SWITCH
- 9. MICRO SW ON-OFF LEVER
- 10. MICRO SW
- 11. CENTER SHAFT
- 12. POWER FREQ. SELECTOR
- 13. TRANSIT LOCK SCREW
- 14. FLOATING PANEL SUSPENSION
- 15. ARM REST
- 16. VOLTAGE SELECTOR

3-4. TOP VIEW OF MECHANISM PANEL (W/O TURNTABLE), YP-500

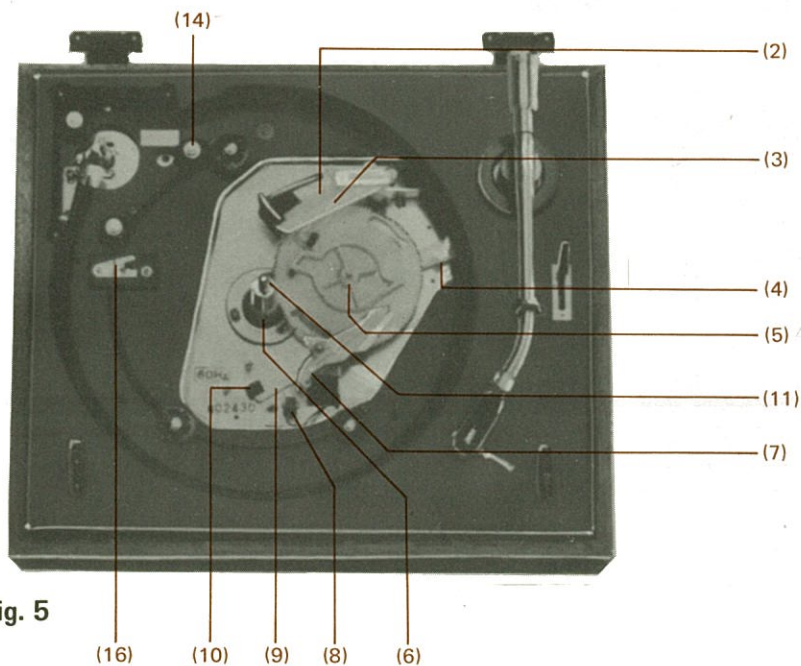


Fig. 5

3-5. BOTTOM VIEW OF MECHANISM PANEL, YP-700

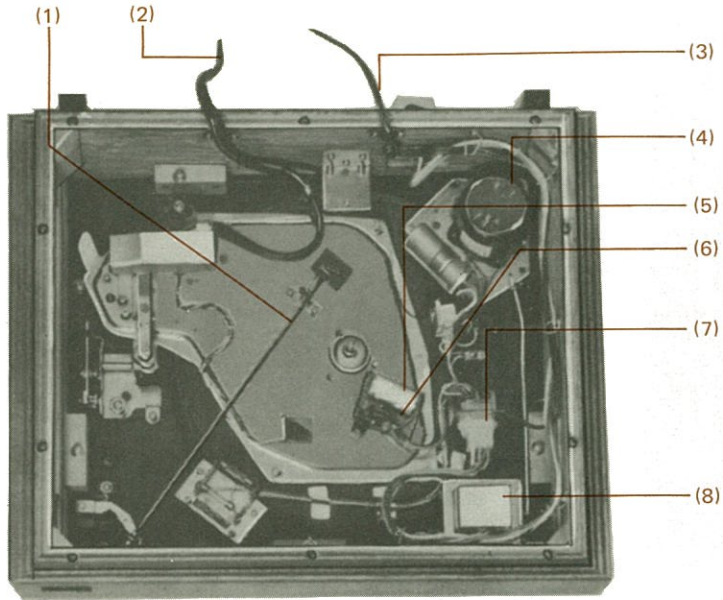


Fig. 6

1. PUSH ROD
2. AF SIGNAL OUTPUT CABLE
3. POWER CORD
4. MOTOR
5. NOISE-KILLER CAPACITOR
6. MICRO SW (POWER ON-OFF)
7. 9-P PLUG-IN CONNECTOR
8. POWER TRANSFORMER

3-6. BOTTOM VIEW OF MECHANISM PANEL, YP-500

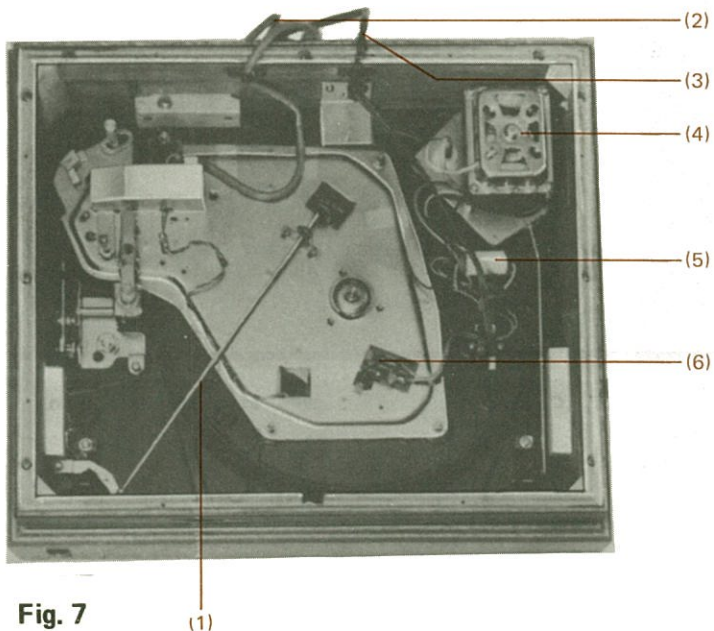


Fig. 7

3-7. ACCESSORIES

3-7-1. COMMON TO BOTH MODELS

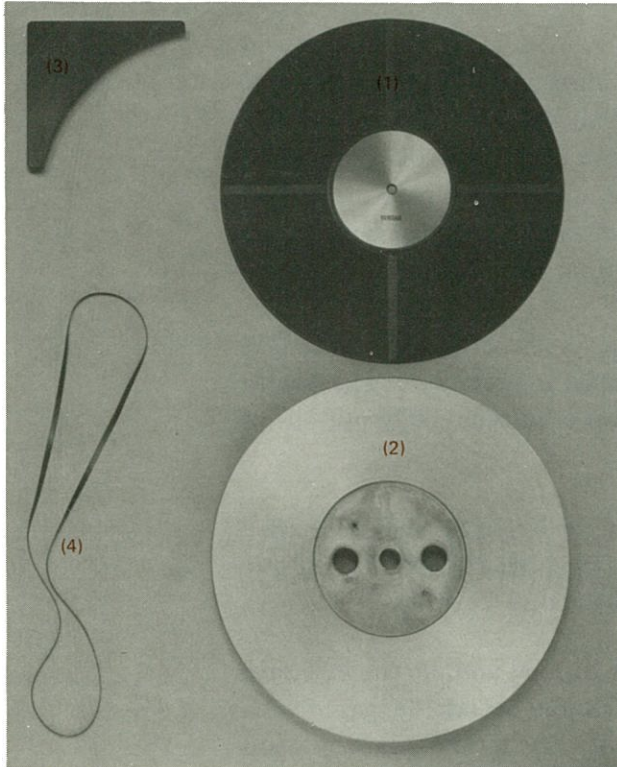


Fig. 8

(Refer to Fig. 8)

1. TURNTABLE RUBBER MAT
2. TURNTABLE PLATTER
3. BELT COVER
4. DRIVE BELT - C B 0 61860

(Refer to Fig. 9.10)

1. 45-RPM ADAPTOR
2. SILICON CLOTH
3. SCREWDRIVER
4. DISC CLEANER
5. HEAD SHELL & CARTRIDGE
6. MAIN WEIGHT
7. SUB-WEIGHT
8. LATERAL BALANCER
9. ANTI-SKATER (INSIDE FORCE CANCELLER) WEIGHT
10. CARTRIDGE WEIGHT ADJUSTING PLATE
11. DISC BRUSH
12. LUBRICATING OIL

3-7-2. EXCLUSIVE FOR YP-700

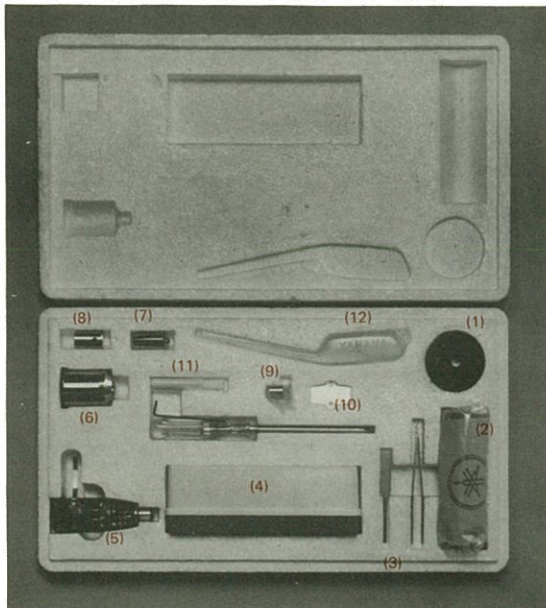


Fig. 9

3-7-3. EXCLUSIVE FOR YP-500

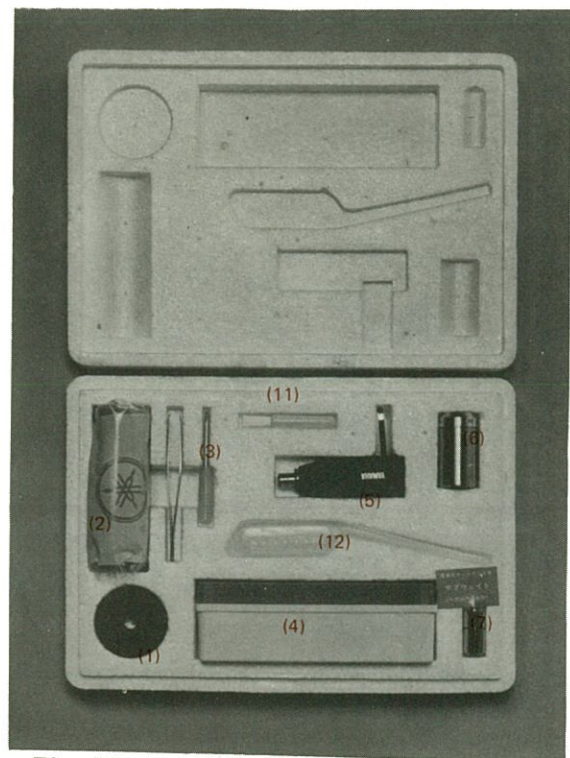


Fig. 10

## 4. FUNCTIONAL DESCRIPTION OF TURNTABLE MECHANISM

### 4-1. AUTO-START (Refer to Fig. 11)

1. Remove the tone arm from the arm rest and place it at such a position that the stylus tip may be directly above the first groove of a disc (record). Then, depress PLAY/OFF Switch.
2. Depressing PLAY/OFF Switch in the direction indicated by the arrow (1) causes Link Arm to move in the direction indicated by the arrow (2). This movement of the Arm causes Push Rod to move in the horizontal direction as indicated by the arrow (3). Pushed by Push Rod in the direction indicated by the arrow (4), Stopper Plate B becomes disengaged from Cam A of Upper Cam Assembly of Spur Gear Assembly, thus releasing Spur Gear Assembly from the locked position.

Now free to turn and pushed by Push-up Lever in the arrow (5) indicated direction, Spur Gear revolves counterclockwise until it becomes engaged with Pinion Gear, whereupon Micro Switch On-Off Lever is automatically put out of touch with Micro Switch. This turns Micro Switch on.

3. Combined action of Lower Cam (Cam C) of Spur Gear Assembly and Slide Base makes Arm Lifter descend. This naturally makes the tone arm descend, consequently bringing down the stylus onto a groove of the disc (record).
4. In the meantime, Spur Gear Assembly keeps on turning and, at the end of a half-turn (180 degrees), Cam B of Upper Cam Assembly becomes engaged with Stopper Plate B to get the entire Spur Gear Assembly locked again in Stop position, while making Spur Gear disengaged from Pinion Gear at the same time.

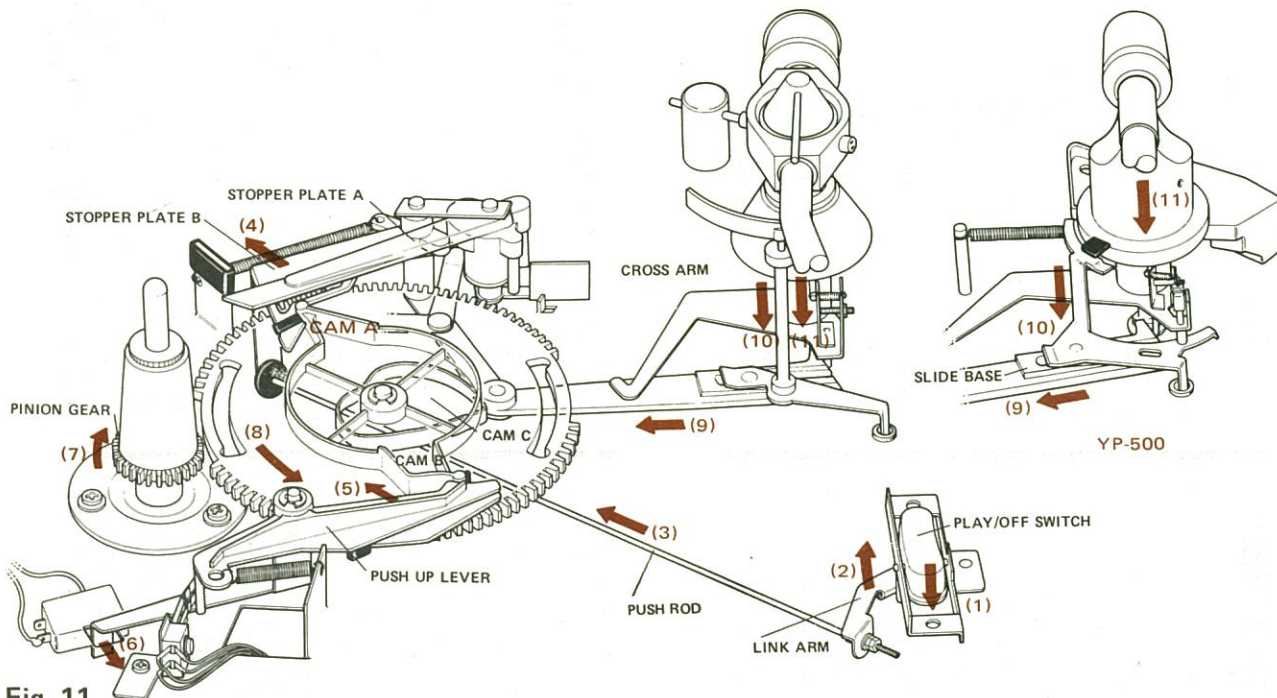


Fig. 11



#### 4-2. AUTO-RETURN (Refer to Fig. 12)

1. With the stylus having reached the ending groove of the disc (record), Cross Arm comes to push Stopper (in the arrow (1) indicated direction), which in turn causes Stopper Plate A to swing in the counterclockwise direction as indicated by the arrow (2).
2. As Stopper Plate A swings further, it gets caught by Catch Pin provided on the underside of the turntable platter. Held by Catch Pin, Stopper Plate A moves on further with the turntable until Stopper Plate B becomes disengaged from Cam B of Upper Cam Assembly, whereupon Stopper Plate A slips out of Catch Pin and automatically swings back to the original position. Now unlocked and free to turn, Spur Gear Assembly starts turning in the direction indicated by the arrow (3), to become engaged with Pinion Gear in the same manner as previously mentioned.
3. The combined action of Cam C (Lower Cam Ass'y) of Spur Gear Assembly and Slide Base so activated pushes up Arm Lifter this time.
4. Activated next is Cross Arm which functions to bring the tone arm back onto the arm rest.
5. As Spur Gear Assembly comes to the end of a half-turn, it becomes locked by means of Stopper Plate B as stated previously, at which time Micro Switch is automatically turned off.

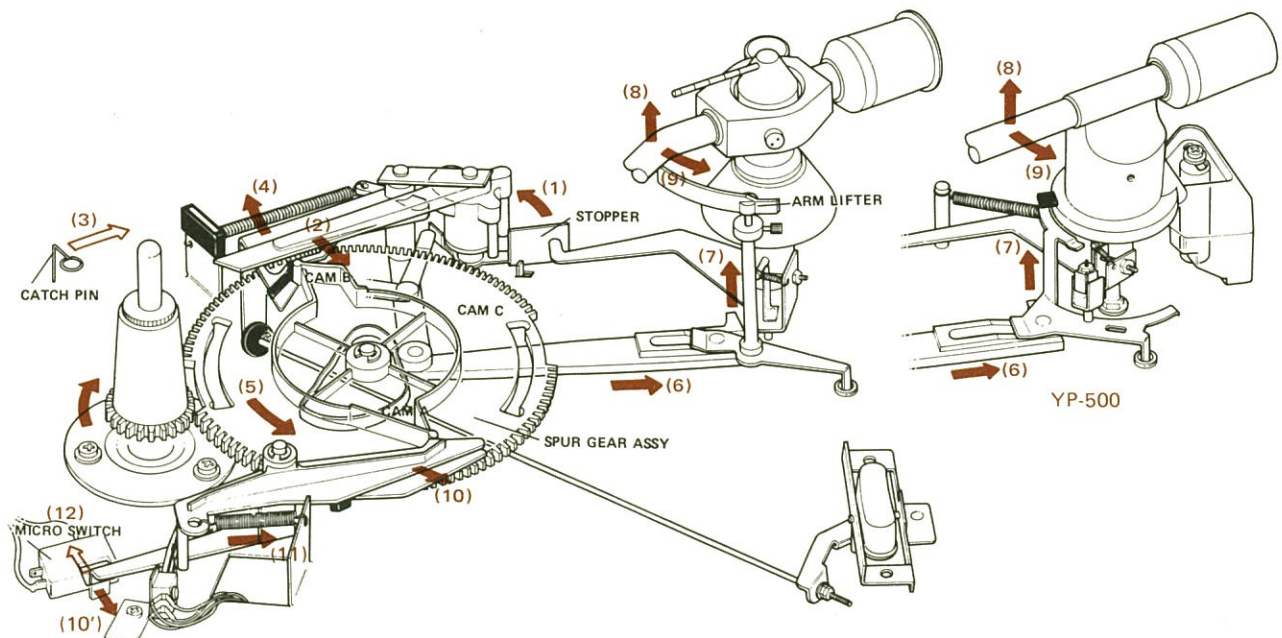


Fig. 12

**4-3. AUTO-CUT (Automatic Play-cut) (Refer to Fig. 13)**

The tone arm can be automatically returned to the arm rest anytime before the ending groove of a disc (record) is reached. To achieve this, simply press PLAY/OFF Switch. Spur Gear Assembly becomes disengaged from Stopper Plate B the moment PLAY/OFF Switch is depressed, thereby activating the auto-return mechanism in the same manner as described under 5-2. Auto-return.

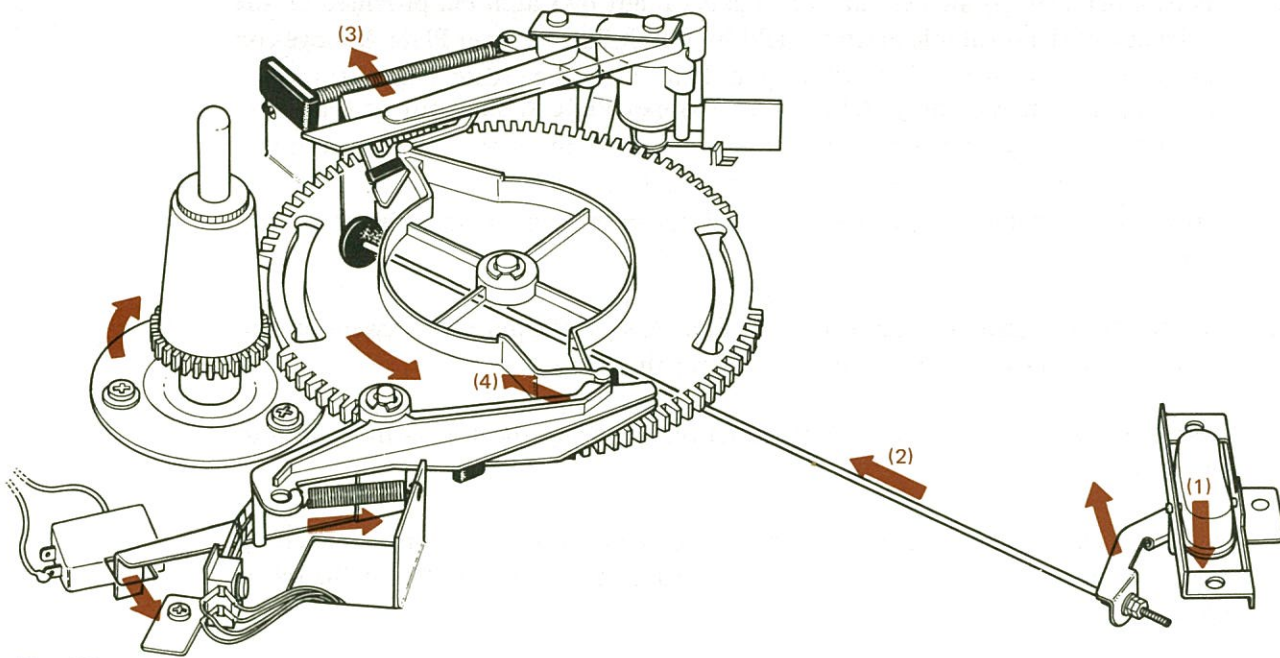


Fig. 13

## 5. PRELIMINARY CHECKPOINTS

### 5-1. TRANSIT LOCK SCREWS:

To protect the turntable mechanism and other important mechanical parts from possible damage during transit, YAMAHA Stereo Turntable is shipped with its mechanism panel held tight in place by means of the 5 transit lock screws (red-topped). Some important moving parts of the turntable mechanism are further taped securely in place for the same purpose. More often than not, troubles occur simply because the lock screws and tapes were not removed before starting to operate the machine. So, make sure they have been removed.

### 5-2. VOLTAGE SELECTOR:

Both YP-500 and 700 models permit operation with AC 105 – 125V and 210 – 240V power supplies, provided the Voltage Selector is set accordingly.

Voltage Selector of YP-500 is a toggle switch type and located on the mechanism panel. Set it at 105 – 125 V position for operation with AC 105 – 125V power supply and at 210 – 240V for AC 210 – 240V. For YP-700, find Voltage Selector on the rear side of cabinet. A 3-pin plug-in type, it can be easily plugged into the plug receptacle to select any of AC operating voltages indicated; AC 100V, 110V, 117V, 125V, 220V and 240V. Improper setting of Voltage Selector naturally results in fuse blowout and/or other troubles. See Fig. 14 & 15.

### 5-3. POWER FREQUENCY SELECTOR:

Both models are designed to ensure wow-free operation whether used in AC 105 – 125V or 210 – 240V area. YP-700 has Frequency Selector Switch provided on the top side of the mechanism panel. Set

the Switch at 50Hz position if the power frequency is 50Hz. and at 60Hz if 60Hz. For YP-500, the same can be achieved by changing the motor pulley. (A spare pulley is supplied for this purpose.) Of the two motor pulleys, the one with the groove around is for a 60Hz area and the other for 50Hz. Improper setting results in increased wow and flutter. See Fig. 16 & 17.

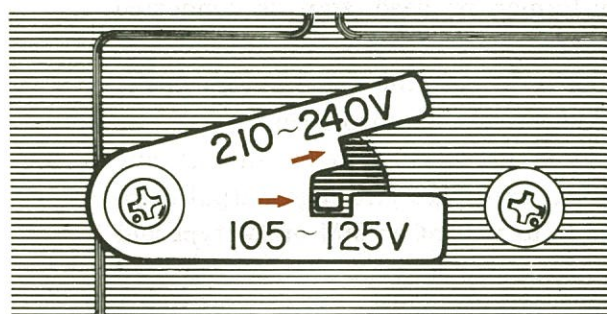


Fig. 14 VOLTAGE SELECTOR FOR YP-500

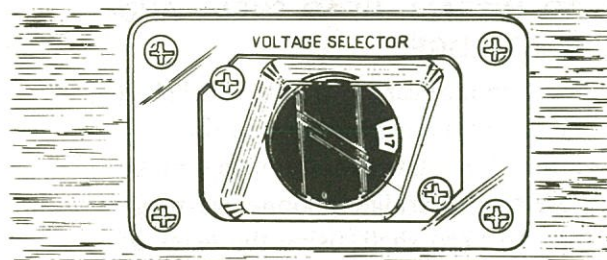


Fig. 15 VOLTAGE SELECTOR FOR YP-700

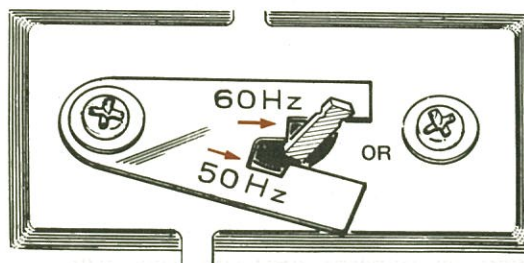


Fig. 16 FREQUENCY SELECTOR FOR-YP-700

MOTOR PULLEY FOR 60Hz YP-500



Fig. 17

## 6. HEAD SHELL AND CARTRIDGE

### 6-1. ACCEPTABLE TYPES OF HEAD SHELL AND CARTRIDGE:

Any universal plug-in type head shell can be readily attached to the tone arm. Except moving coil (MC) type, a magnetic type cartridge like moving magnet (MM) or induced magnet (IM) type can be readily used with the YAMAHA STEREO TURNTABLES, YP-500 and YP-700. An MC type cartridge may be used if a step-up transformer or head amp. is connected between the YAMAHA Turntable and its amplifier to raise the signal output of the cartridge to the required level.

(Note: Some of the more recent high output MC cartridges give high output comparable to that of an MM or IM type and can, therefore, be readily employed with these turntables as is an MM or IM type.)

### 6-2. TO INSTALL HEAD SHELL AND CARTRIDGE:

- a. First, mount cartridge onto head shell before attaching the shell to the tone arm. For cartridge mounting, make sure that cartridge is connected properly to head shell, using the leads of the shell; the red lead to R. Ch. (+) terminal of the cartridge, the green to R. Ch. (-) terminal, the white to L. Ch. (+) terminal and the blue to L. Ch. (-) terminal. Now, place the cartridge properly on the head shell and hold it tight in place by means of the mounting screws. The head shell with the cartridge so mounted will then be plugged into the tone arm and fastened thereto by turning the lock nut. **See Fig. 18.**
- b. Use a cartridge which measures 13.5 – 18.5mm in height or, combined with YAMAHA Head Shell

that is 4.5mm thick, 18 – 25mm from the top side of the shell to the stylus tip. If the cartridge is too large, its body can scrape the disc (record), causing damage.

- c. Cartridge weight is another factor to be considered. A suitable cartridge weight ranges from 5 gr. to 15 gr., in which case the desired stylus pressure can be easily obtained.

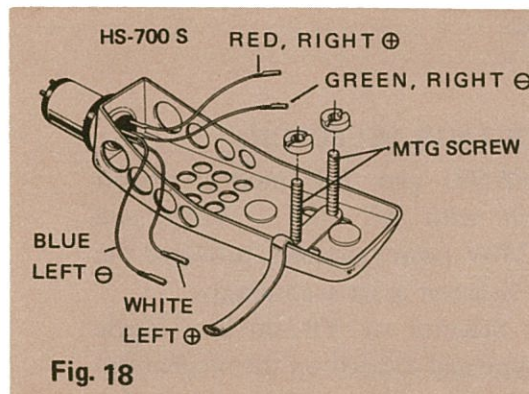


Fig. 18

## 7. ADJUSTMENT PROCEDURS

### 7-1. OVERHANG ALIGNMENT:

After the cartridge installation, the first thing to do is, usually, to make the overhang alignment. The alignment procedures are different between the two models, as instructed below.

1) For YP-500:

11-mm overhang is desired for the optimum performance. The distance is measured from the center of center shaft to the stylus tip as indicated in **Fig. 19** when the tone arm is held perfectly horizontal. Find two pairs of cartridge mounting screw holes (four in all) provided in the head shell. Use either the front or rear pair of the screw holes to obtain the required overhang according to type of cartridge used.

2) For YP-700:

The power on-off indicator lamp also serves as the overhang alignment marker. The cartridge mounting screws can be easily slid forward or backward for adjustment of the cartridge mounting position. Adjust the cartridge position so that the stylus tip may be aligned with the center of the indicator lamp when the tone arm is held horizontal. This completes the overhang alignment for YP-700. See **Fig. 20**.

- b) Place YP-500 on a flat and level place.
- c) Pull Cueing Lever toward yourself.
- d) Get the tone arm well-balanced in level position by screwing the main weight in or out.

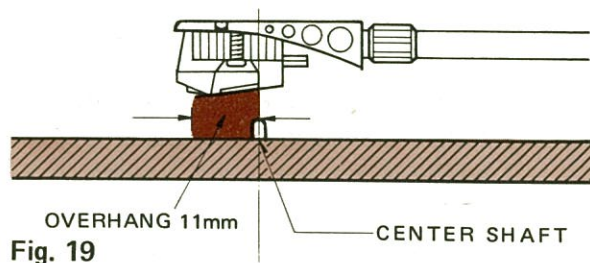


Fig. 19

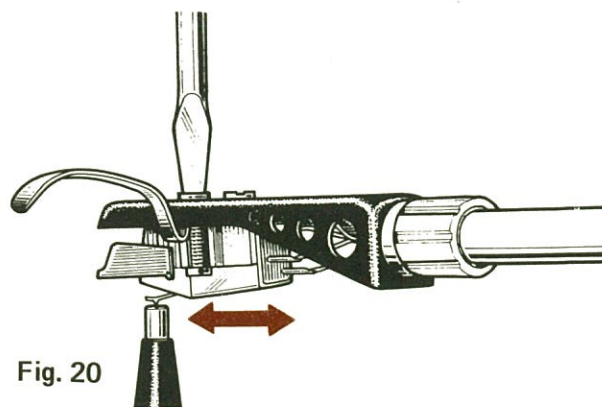


Fig. 20

### 7-2. STYLUS PRESSURE ADJUSTMENT

1) For YP-500:

- a) Make sure the cartridge and main weight have been properly attached to the tone arm and that the overhang alignment has been properly made.

- e) Turn the adjuster ring of the main weight until the scale of 1.5 (grams) marked on the rim of the ring is aligned with the center mark of the tone arm. This gives the optimum stylus pressure of 1.5 gms.

When turning the adjuster ring as above, be sure to hold the main weight with your fingers so that the main weight less the adjuster ring will not turn. **See Fig. 21.**

- f) If use of the main weight alone can not give the desired stylus pressure because a heavier cartridge is employed, use one or both sub-weights (supplied) in addition to the main weight. They can be easily screwed in for mounting onto the tone arm. **See Fig. 22.**

2) For YP-700:

- a) Make sure that the cartridge, main weight, lateral balance weight and anti-skater weight have been attached to the tone arm and that the overhang alignment has been already made.

- b) Place YP-700 in a level place.

- c) Slide the lateral balance weight and set it aligned with the notch marked on the rod.

- d) Fasten the string of the anti-skater weight (often referred to as inside force canceller) to the #2 notch, **See Fig. 24**

Detailed discussion of the anti-skater weight will be given in the page 16.

- e) Take steps described in c) thru e), 1) For YP-500, above.

- f) If the main weight alone is not enough to provide the desired stylus pressure due to use of a heavier cartridge, use the sub-weight (supplied) in addition thereto. **See Fig. 23**

- g) Attach the cartridge plate (also supplied) to the cartridge if it is found hard to get the desired stylus pressure because the cartridge is too light.

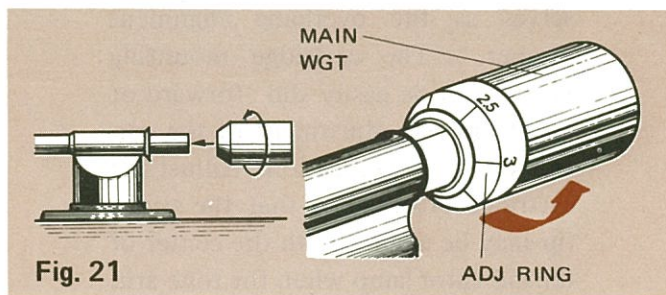


Fig. 21

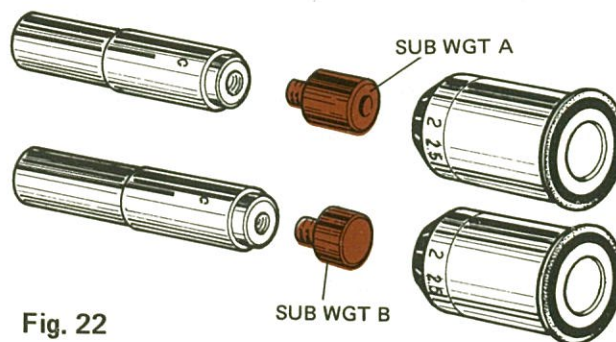


Fig. 22

**7-3. LATERAL BALANCE ADJUSTMENT (For YP-700 only):**

For lateral balance adjustment, the tone arm must be combined with the main weight (sub-weight also included if necessary). However, the anti-skater weight should be either detached from the tone arm assembly or its string loosened as indicated in **Fig. 25**. Take the following steps for the adjustment:

- a) Pull Cueing Lever toward yourself.
- b) Adjust the stylus pressure to zero by means of the main weight (and sub-weight) and the tone arm will be balanced level.
- c) Lift up the left side of the cabinet and see if the tone arm will swing neither leftward nor

rightward. If it's found swinging to your right, slide the lateral balancer weight leftward until the tone arm comes to stand still at any given point. If swinging to your left, slide the lateral balancer weight rightward for the adjustment.

- d) Tighten the side screw of the lateral balancer weight to hold the weight securely at the right point determined as above.

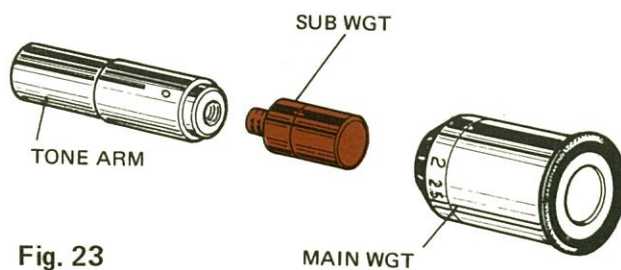


Fig. 23

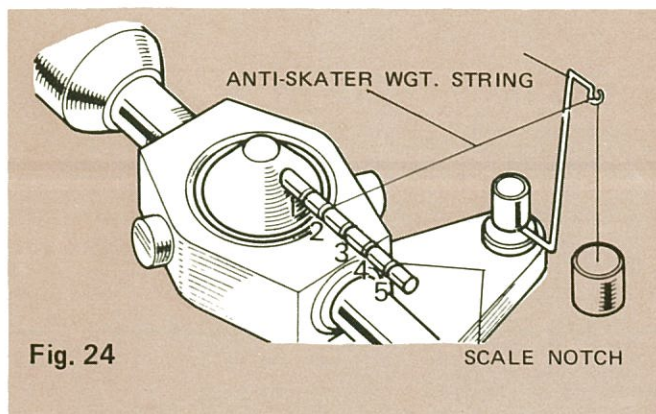


Fig. 24

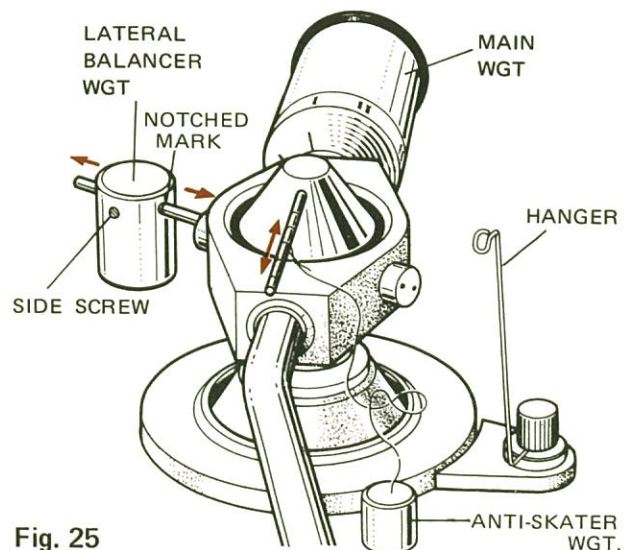


Fig. 25

#### 7-4. ANTI-SKATER WEIGHT BALANCE ADJUSTMENT (For YP-700 only):

Often called as “inside force canceller”, the anti-skater weight is used to cancel the “inside force” for proper adjustment of tracking force.

- a) Install the hanger, fasten the string to the tone arm assembly and mount the weight as indicated in **Fig. 24**
- b) Fasten the string to an appropriate notch according to the stylus pressure, referring to the table below:

STYLUS PRESSURE	SCALE NOTCH
1.0 gr.	# 1
1.5	2
2.0	3
2.5	4
3.0	5

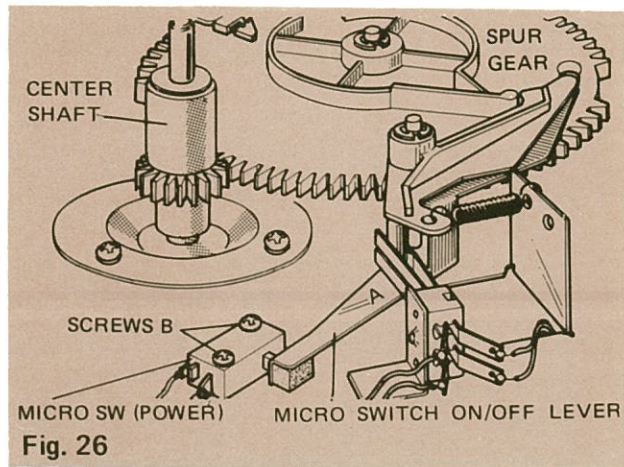


**8. LUBRICATION**

PART TO BE LUBRICATED	TYPE OF LUBRICANT	REMARKS
Arm shaft	Anti-knock grease # 1	
Arm pivot bearing	Spindle oil 200L	
Counter-weight	Anti-knock grease #7	
Turntable centershaft	Turbine oil # 140	
Push-up lever shaft	Silicon grease	KS-64
Stopper plate shaft	Silicon grease	"
Pinion gear	Silicon grease	"
Upper cam, Spur gear ass'y	Silicon grease	"
Lower cam, Spur gear ass'y	Silicon grease	"
Slide base lift plate	Silicon grease	"
3 spots involv. shifter knob ass'y	Spindle oil 200L	
1 spot involv. belt shifter ass'y	Spindle oil 200L	Not to lubricate shifter knob
1 spot for belt shifter	Spindle oil 200L	Not to stain the part adjacent to the belt
Reset lever shaft	Silicon oil	KF-96-300cs
Rotary arm shaft	Spindle oil 200L	

9. TROUBLE-SHOOTING CHART

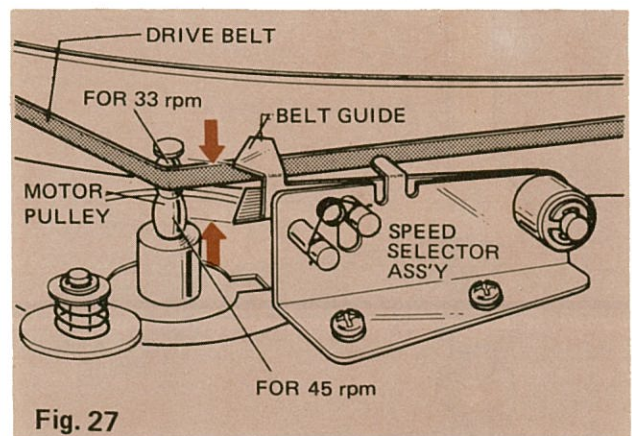
SYMPTOM	POSSIBLE CAUSE	REMEDY
<b>TURNTABLE NOT REVOLVING:</b>		
1. Motor still fails to revolve even with Play/Off Switch pressed.	<p>When micro switch fails to turn on:</p> <p>a. The switch lever marked A in Fig. 26 fails to become separated from micro switch.</p> <p>b. The spur gear fails to function:</p>	<p>Loosen setscrews (marked B) and adjust the switch position, or bend the Micro SW ON-Off lever as required. <b>See Fig. 26.</b></p> <p>Referring to 5, FUNCTIONAL DESCRIPTION OF TURNTABLE MECHANISM, check the spur gear ass'y to find the cause and take remedy therefor.</p>
	<p>When micro switch turns on:</p> <p>a. Broken wiring of motor or defective soldering.</p> <p>b. Motor itself defective.</p> <p>c. Micro switch defective.</p>	<p>Re-solder.</p> <p>Replace.</p> <p>Replace.</p>



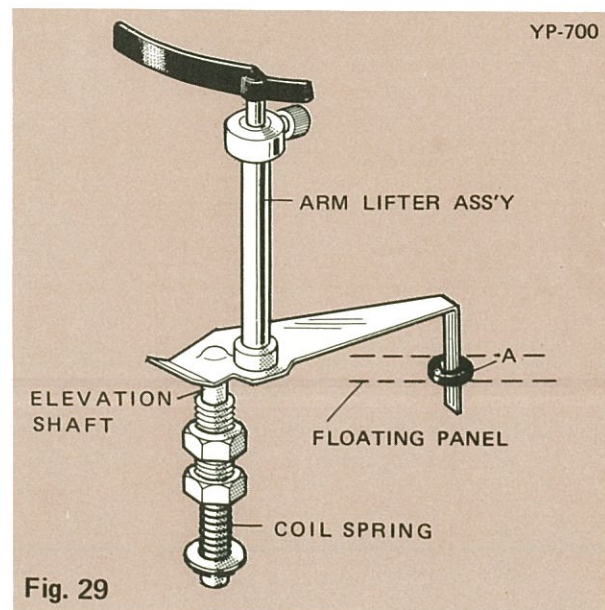
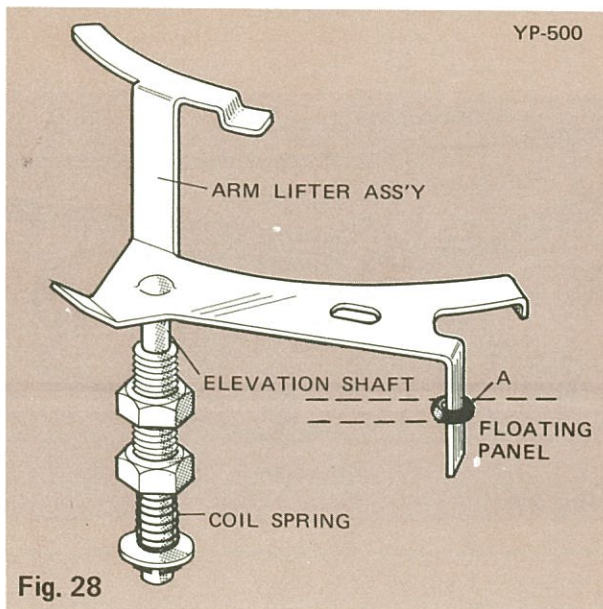
- |  |   |                                  |
|--|---|----------------------------------|
| 2. Motor operates but not the turntable. | Drive belt out of place, broken or slipping.<br>The turntable center shaft defective; seized. | Re-mount or replace.<br>Replace. |
|--|---|----------------------------------|

\* For troubles involving the auto-return mechanism including the spur gear assembly, please refer to Functional Description of Turntable Mechanism given previously.

- |                  |   |   |
|------------------|---|---|
| SPEED IRREGULAR: | Drive belt defective:<br>Elongation, partial wear, etc. | Replace.  |
|                  | Motor pulley positioned inadequately in height.         | Adjust the position so that the drive belt may be on the middle as indicated. in Fig. 27. |
|                  | Motor defective, irregular revolution, lowered torque.  | Replace.  |



SYMPTOM	POSSIBLE CAUSE	REMEDY
<b>NOISE OCCURS WITH MOTOR REVOLUTION:</b>		
Noise comes from motor.	Defective motor indicated.	Replace.
Noise comes from speed selector mechanism.	Motor pulley position inadequate.	Adjust motor pulley as indicated in <b>Fig. 27</b> .
Noise comes from center shaft.	Center shaft rumbling or squeaking.	Replace washer or center shaft itself.
Noise comes from turntable.	Turntable rim hits something around it.	Adjust position of floating panel by float springs.
<b>TONE ARM NOT DESCENDING SMOOTHLY:</b>		
Arm lifter fails to descend.	Arm lifter catching the floating panel at the spot marked A in <b>Figs. 28 &amp; 29</b> . Coil spring worn out.	Realign arm lifter position. Replace.
Tone arm descends half-way.	Arm lifter catching the panel at A in <b>Figs. 28 &amp; 29</b> . Unsmooth sliding of slide base. Unsmooth sliding of elevation shaft.	Realign arm lifter position. Apply silicon grease. "



SYMPTOM	POSSIBLE CAUSE	REMEDY
NO SPEED CHANGEOVER	Defective speed selector mechanism: the rod, spring or the like broken. Improper height adjustment of motor pulley. <b>Refer to Fig. 27.</b>	Replace the parts concerned. Readjust.
NO SOUND REPRODUCTION (FROM ONE CHANNEL OR BOTH):	Defective cartridge; broken leads, etc. Defective soldering of connector pin tips, or shortcircuiting at B in <b>Fig. 30</b> due to loose connections. Shortcircuit switch maladjusted.  Broken leads of tone arm, or defective pin plug contacts.	Replace. Resolder, or tighten connections.  Adjust the clearance. <b>(Refer to Fig. 31.)</b>  Mend the leads, or clean pin-plug contacts.
SOUND DISTORTION:	Defective cartridge. Defective stylus; stylus tip worn out. Stylus tip dirty. Stylus pressure improper.	Replace. Replace. Clean. Readjust.

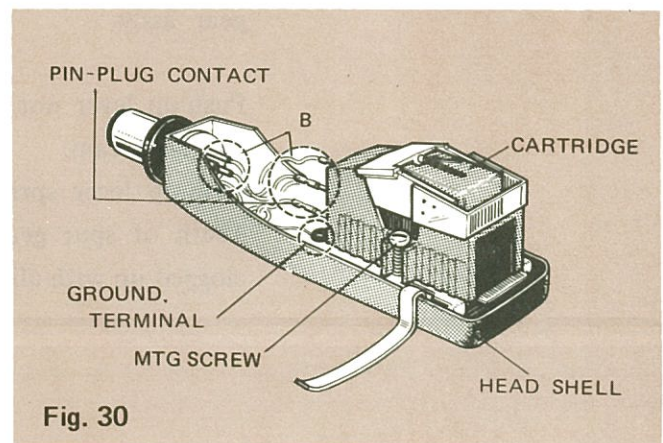
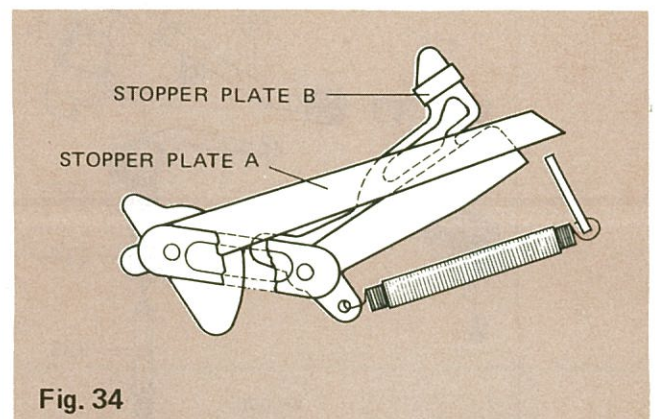
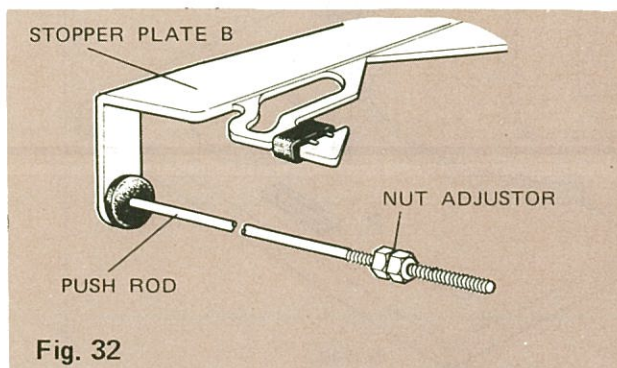
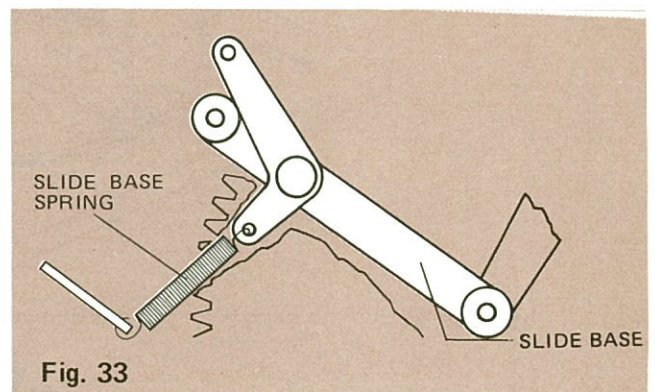
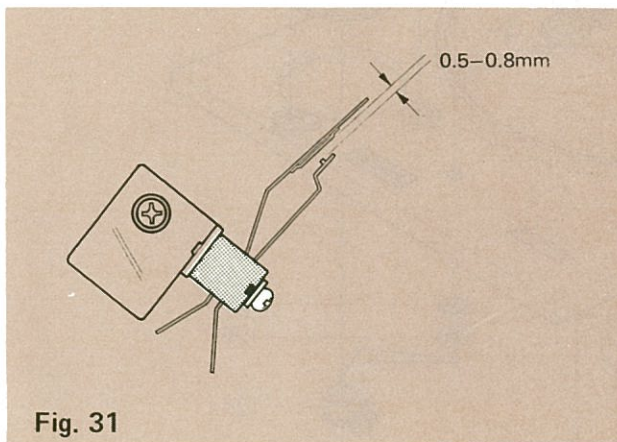


Fig. 30

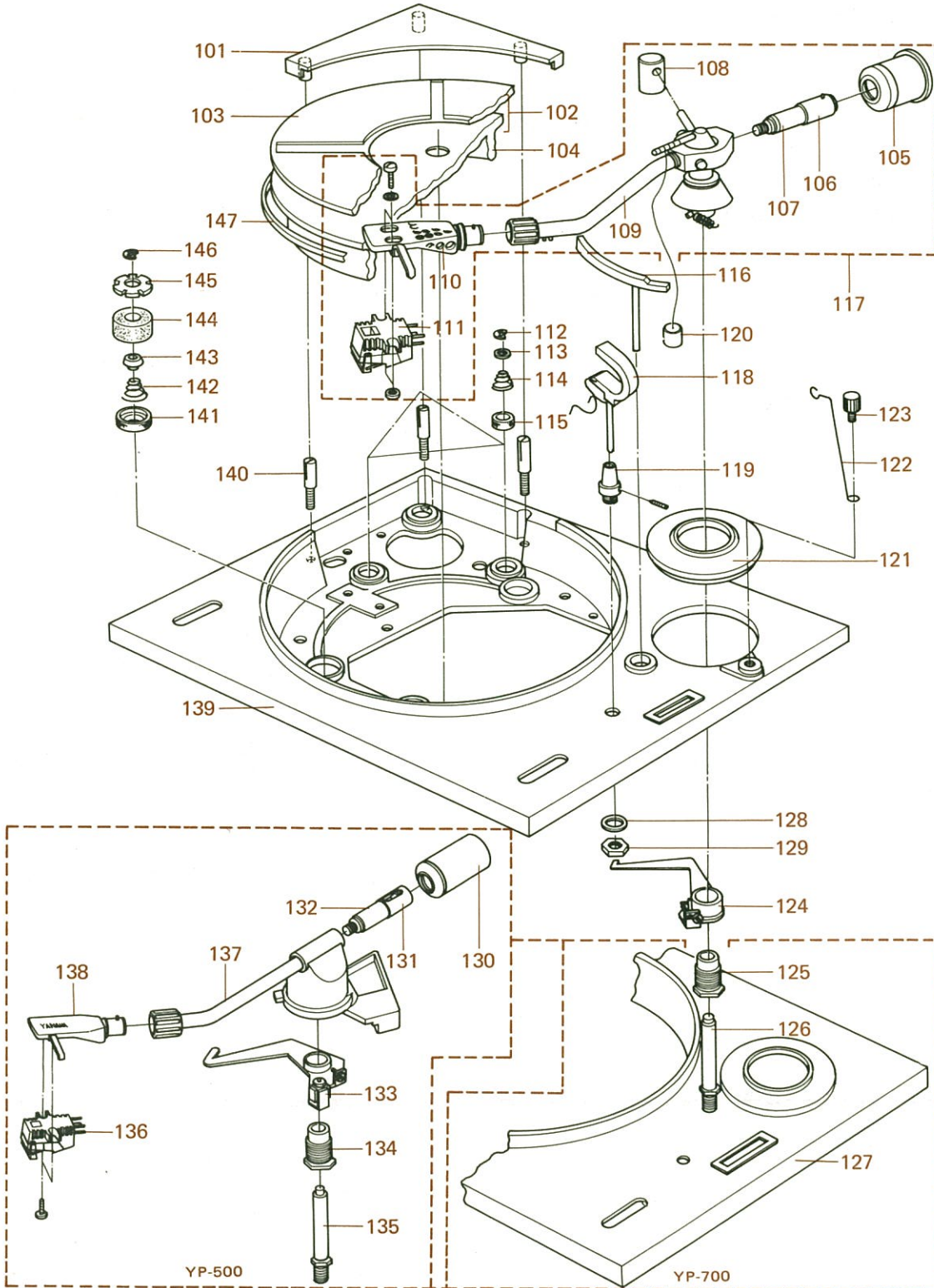
SYMPTOM	POSSIBLE CAUSE	REMEDY
OTHER NOISES THAN PREVIOUSLY MENTIONED:	Defective cartridge. Electrostatic noise of record (disc).	Replace. Clean the record with appropriate cleaner or agent.
HUM:	Defective cartridge. Defective soldering of tone arm leads, pin-plug connections at B, <b>Fig. 30</b> . Cartridge shield plate not grounded. <b>Refer to Fig. 30.</b>	Replace. Resolder Ground.
TIMING TO START AND/OR END SOUND REPRODUCTION NOT ALIGNED BETWEEN TWO CHANNELS:	Shortcircuit switch timing differs for each of the two channels.	Make the switch clearance identical for both channels. <b>Refer to Fig. 31.</b>
UNABLE TO START:	Stopper plate B fails to release spur gear ass'y. Push-up lever not properly aligned with spur gear cam. Push-up lever spring tension too weak. Teeth of spur gear and/or pinion gear clogged up with alien objects.	Adjust push rod length by double-nut adjuster. <b>See Fig. 32.</b> Realign properly. Replace the spring. Clean. <b>Refer to Fig. 26</b>

SYMPTOM	POSSIBLE CAUSE	REMEDY
TONE ARM FAILS TO DESCEND:	Slide base spring tension too weak. See Fig. 33.	Replace the spring.
TONE ARM RETURNS SHORTLY AFTER PLAY STARTED:	Push rod length maladjusted (too long).	Adjust the length by double-nut adjuster. Refer to Fig. 32.
NO AUTO-RETURN:	Stopper plate A catches lock plate. Cams of stopper plates A and B stained with oil, thus slipping. See Fig. 34.	Loosen. Wipe them clean.



### 10. EXPLODED VIEWS & PARTS LISTS

#### 10-1. EXPLODED VIEW OF PARTS ABOVE MECHANISM PANEL

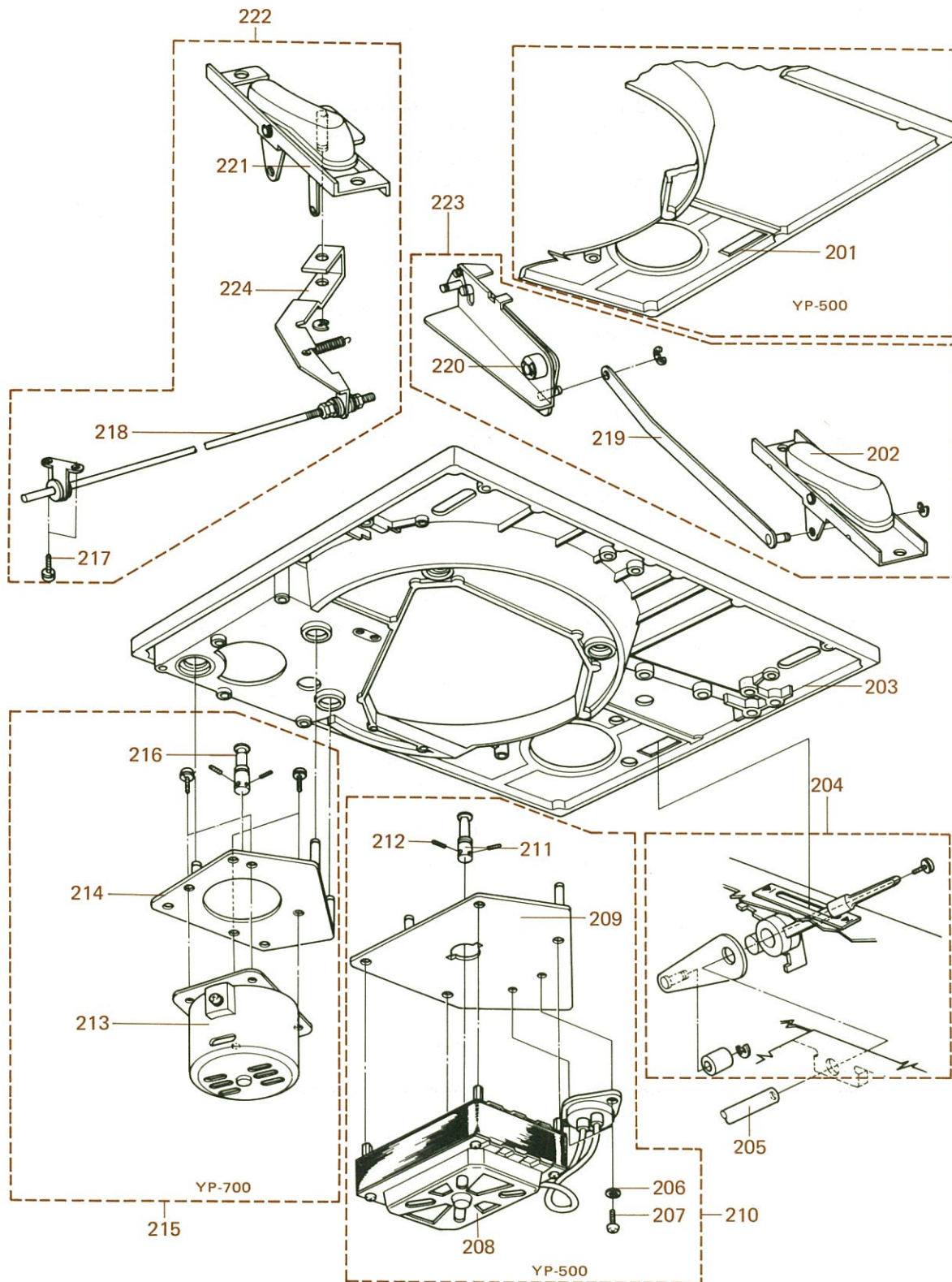




## 10-2. PARTS LISTS, PARTS ABOVE MECHANISM PANEL

Symb. No.	Parts No.	DESCRIPTION
101	CB 6180	Belt Cover
102		Turntable Assy
103	CB 6340	Turntable Platter Sheet Rubber
104	BA 6073	Turntable Platter
105		Main Weight
106	BA 6133	Weight Shut
107	BB 6156	Sub-Weight
108		Lateral Balance Weight
109		Tubing Pipe Arm, S-Formed YT-8
110		Head Shell
111	SO 6006	Cartridge, SHURE M75
112	EK 0004	E-Ring 4 $\phi$
113	FJ 1106	Flat Washer, Round 6S
114	AA 6574	Conical Spring
115	CB6193	Anti-Vibration Spacer
116	NB 6379	Elevation Assy
117		Arm Assy
118	CB 6525	Tone Arm Rest
119	BB 6233	Arm Rest Stand
120		Anti-Skater Balance Weight
121	CB 6182	Plastic Base Cover, Arm Support
122	AA 7027	Anti-Skater Hook (Inside force canceller hook)
123	BB 6234	Anti-Skater (Inside force stand) Retainer Post
124	NB 6386	Traveling Arm Assy
125	BB 6082	Traveling Arm Bearing (Bush)
126	BB 6055	Arm Shaft
127	BA 6103	Chassis Panel
128	EJ 1108	Flat Washer
129	EF 0008	Hex Nut, Grade 2, 8S
		J Formed Tone Arm
130	BB 6154	Main Weight
131	BA 6133	Weight (Shut)
132	BB 6156	Sub-Weight
133	BA 6224	Traveling Arm
134	BB 6082	Traveling Arm Bearing (Bush)
135	BB 6055	Tone Arm Shaft
136		Cartridge
137	BA 6221	Tone Arm Tubing Pipe
138	BA 6101	Head Shell
139	BA 6318	Chassis Panel
140	BB 6045	Belt Cover Guide-Pin
141	CB 6183	Rubber Bushing (Grommet)
142	AA 6574	Conical Spring
143	CB 6309	Rubber Grommet Spring Shoe
144	CB 6433	Anti-Vibration Spacer
145		Rasial washer
146	EK 0004	E-Ring 4 $\phi$
147	CB 6186	Driving Belt <i>FRX 34.5</i>

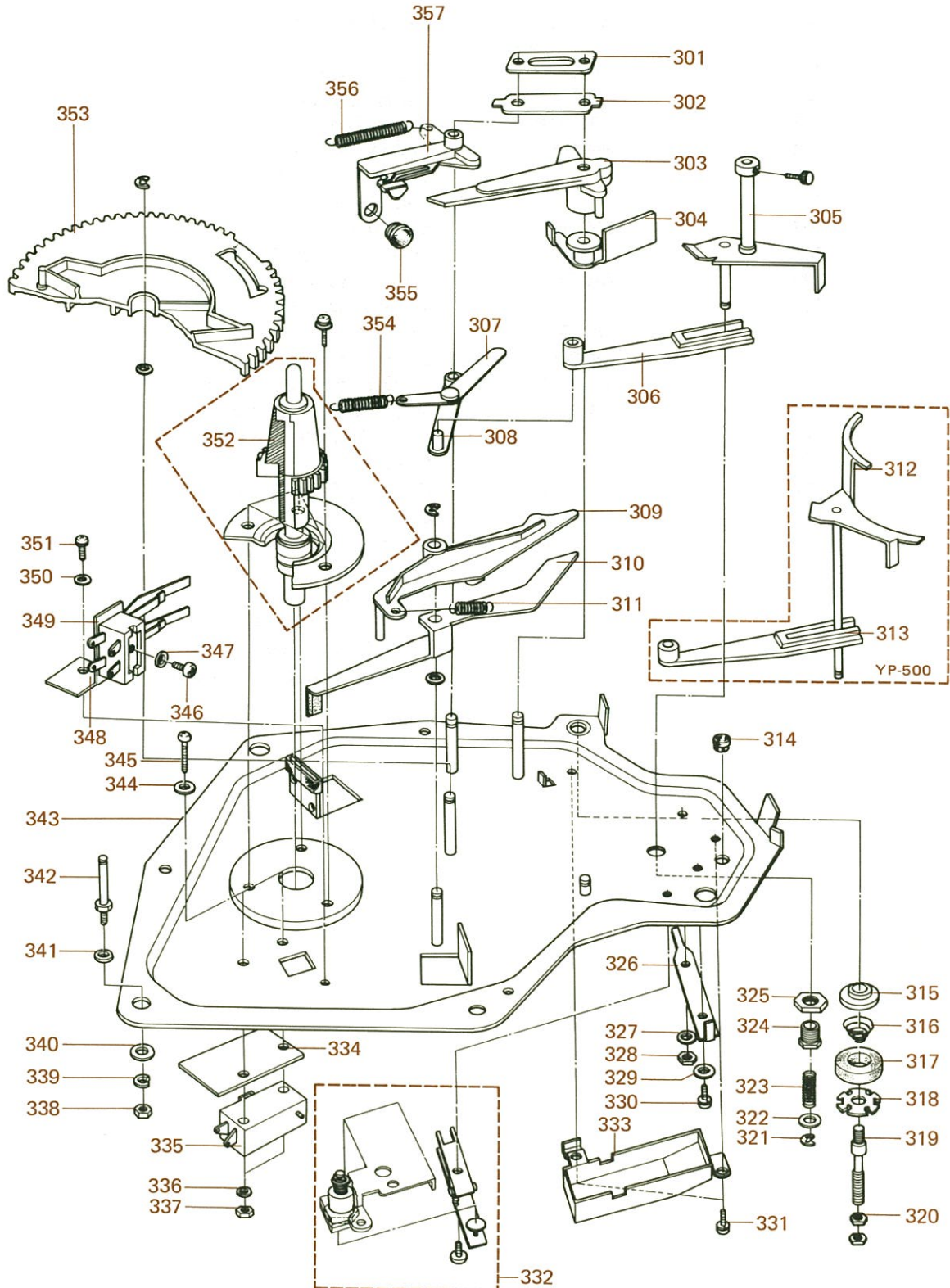
10-3. EXPLODED VIEW OF PARTS BELOW MECHANISM PANEL



## 10-4. PARTS LIST, BELOW MECHANISM PANEL

Symb. No.	Part No.	DESCRIPTION
201	BA 6103	Chassis Panel
202		Speed Selector knob Assy
203	BA 6318	Chassis Panel
204	NB 6363	Cueing Lever Assy
205		Cueing Lever Base
206		Flat Washer
207	EM 2606	Mounting Screw
208	JC 6002	Motor 4MS-20HM
209	AA 6532	Motor Sheet Plate Assy
210		Motor Assy, YP-500
211	BB 6053	Motor Pulley
212	EK 3003	Screw, Round Top, 3 x 3S
213	JC 6004	Outer Rotor Motor, 4-pole
214	NB 6382	Motor Sheet Plate Assy
215		Motor Assy, YP-700
216		Motor Pulley
217	EM 4008	Mounting Screw 4 x 8S
218	AA 6761	Crank Rod,
219	AA 6350	Lever,
220	NB 6032	Shifter Assy
221		Knob Assy
222		Auto-PLAY Knob Assy
223		Speed Change Selector Assy
224		Auto-PLAY Toggle arm (lever)

10-5. EXPLODED VIEW OF FLOATING PANEL MECHANISM



## 10-6. FLOATING PANEL PARTS LIST

Symb. No.	Parts No.	DESCRIPTION
301	BA 6079	Retainer
302	BB 6093	Lock-Plate
303	CB 6176	Stopper Plate A
304	BA 6084	Stopper Plate B
305	NB 6380	Lift-Plate
306	CB 6174	Slide Base
307	AA 6362	Push-Arm, Auto-Play
308		Slide Base Retainer
309	CB 6178	Lift-up Lever (or push-up lever)
310	AA 6365	Micro Switch Lever, Power Supply
311	AA 6394	Push up Lever Spring
312	AA 6809	Lift-Plate Unit
313	CB 6174	Slide-Base
314	CB 6224	Lift-Plate Bushing
315	CB 6187	Spring Rubber-Bearing
316	AA 6575	Conical Spring
317	CB 6193	Vibration-Free Spacer
318	AA 6560	Radial Washer
319	BB 6060	Floating panel Retainer Shield Shaft
320	EF 0006	Hex Nut, 2nd Grade, 6BS (Smaller size)
321	EK 0003	E-Ring 3 $\phi$
322	EJ 1104	Flat Washer
323	AA 6391	Lift-Plate, Spring
324	BB 6067	Elevator bearing
325	BB 6068	Nut, Unit Locking
326	AA 6358	Centering Adjust Plate
327	EJ 1104	Flat Washer
328	EJ 2106	Toothed Washer
329		Nut Specified
330	EM 4006	Cross-Resess Mtg Screw 4 x 6S
331	EM 4008	Mounting Screw 4 x 8S
332		Cueing Lever Assy
333	AA 6763	Shield Cover
334	CB 6245	Insulator, Power Supply Micro Switch
335	KA 6025	Micro switch, Easy-Operate
336	EJ 1103	Flat Washer, Round 3S
337		Hex Nut Micro Switch Retainer
338	EF 0004	Hex Nut, Grade 2
339		Spring Washer
340	AA 6375	Washer, Specified
341		Flat Washer, Double Support
342	BB 6060	Hook-axis, Floating Panel
343		Floating Panel Assy
344	EJ 1003	Flat Washer, Round 3S
345	EM 3018	Cross-Recessed Mounting Screw 3 x 18S
346	EM 3012	Cross-Recessed Mounting Screw 3 x 1S
347	EJ 1003	Flat Washer, Round 3S

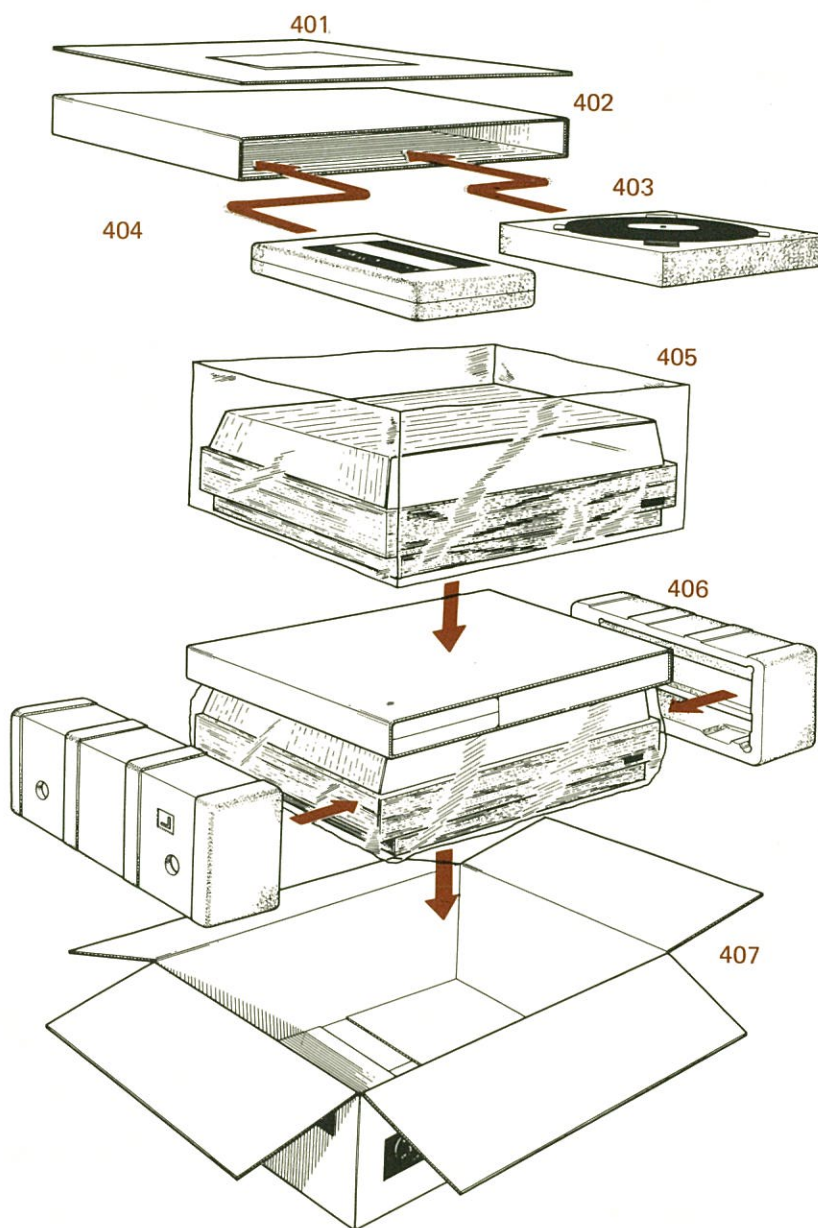
**10-6-2. PARTS LIST**

Symb. No.	Part No.	DESCRIPTION
348	AA 6368	Switch Bracket
349		Click-Shunt Contact
350	EJ 1103	Flat Washer, Round 3S
351	EM 3006	Cross-Recessed Mounting Screw 3 x 6S
352	NB 6054	Main Shaft Assy
353	CB 6177	Flat Gear
354	AA 6397	Push-Arm, Spring
355	CB 6184	Rubber Bush, Grommet
356	AA 6392	Stopper-Plate Retainer, Spring
357		Stopper Plate Assy

**11. MISCELLANEOUS**

Part No.	DESCRIPTION	
FF6001	Capacitor 0.4 $\mu$ F + 1.0 $\mu$ F 250WV	YP-700
GA6029U	Power transformer	YP-700
JB6014	Pilot lamp	YP-500/700
KA6025	Micro switch	YP-500/700
	Fuse 1A 250V	YP-700
	Capacitor 0.4 $\mu$ F 250WV	YP-700
	Resistor 5K $\Omega$ 10W	YP-700

12. PACKING INSTRUCTIONS & LIST



- 401. INSTRUCTION BOOK
- 402. INNER FLAT CARTON
- 403. TURNTABLE PLATTER
- 404. ACCESSORY BOX
- 405. MAIN UNIT WRAPPED UP  
IN VYNIL BAG
- 406. STYROL FOAM PACKING
- 407. YAMAHA INNER CARTON

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