



SR-1050

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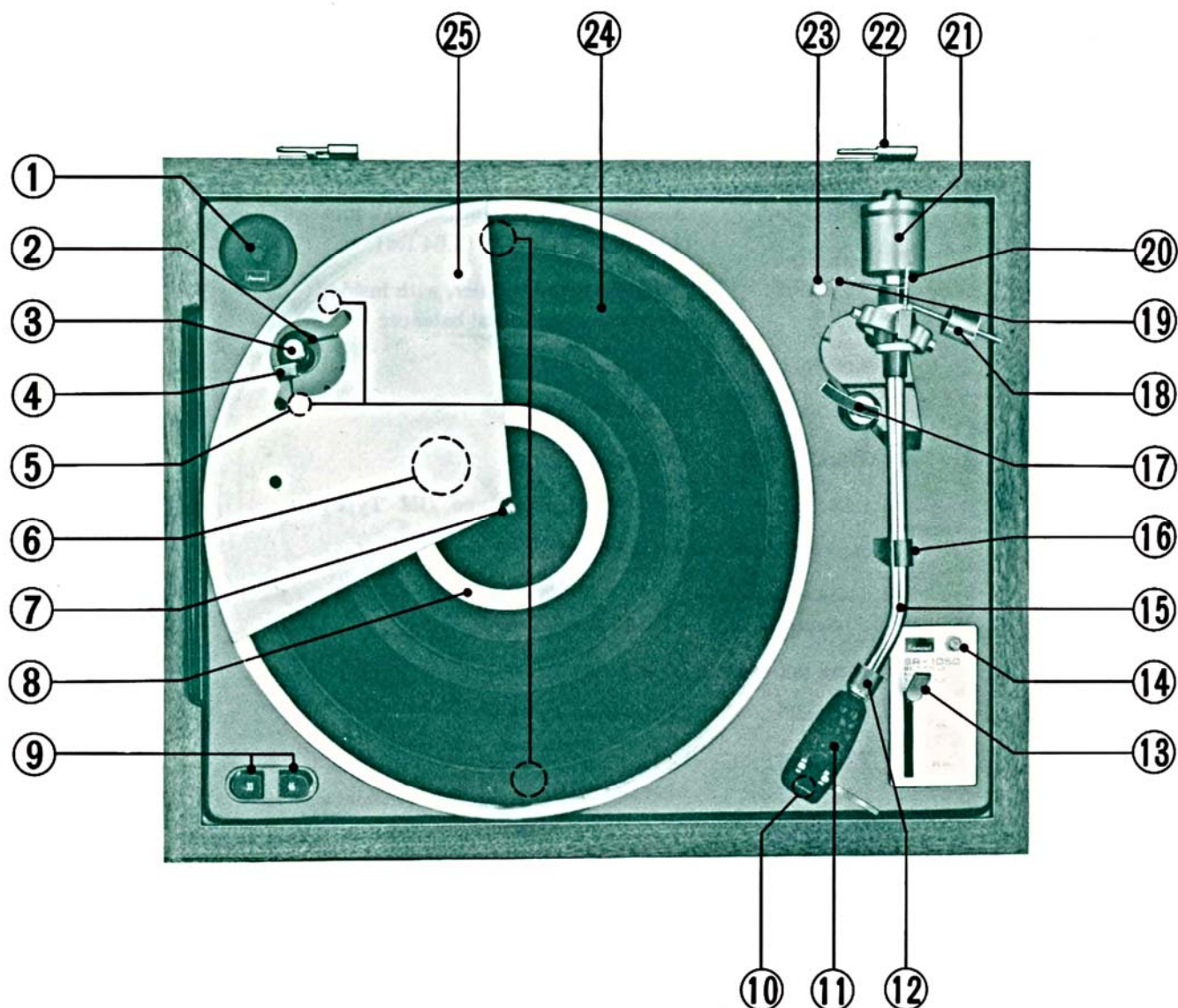
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1. SPECIFICATION

Type:	2-speed, belt-driven manual turntable
Rated speeds:	33 ¹ / ₃ , 45 rpm
Motor:	4-pole synchronous
Turntable (Platter):	Aluminum alloy die-cast, 301 mm (11 ¹³ / ₁₆ ") ϕ , 1.3 kg (2.64 lbs)
Tonearm:	Static-balanced tubular, with inside force canceler, lateral balancer
Arm length:	220 mm (8 ² / ₃₂ ")
Overhang:	15 mm (1 ⁹ / ₃₂ ")
Tracking error:	Less than $\pm 1.5^\circ$
Cartridge:	Induced magnet type (IM Type)
Stylus:	0.5 mil diamond
Stylus compliance:	17 $\times 10^{-6}$ cm/dyne
Load impedance:	50 k Ω
S/N ratio:	Better than 40 dB
Wow and flutter:	Less than 0.07 %
Frequency response:	20 $\sim$ 20,000 Hz
Output voltage:	5 mV
Crosstalk:	Better than 25 dB at 1 kHz
Stylus pressure:	1.5 $\sim$ 2 gram
Dust cover:	Smoked acrylic dust cover
Cabinet:	Walnut, open-pore finished
Power source:	100 V, 115 V, 130 V, 200 V, 230 V and 250 V , 50/60 Hz
Dimensions:	Width 440 mm (17 ² / ₆₄ "), depth 350 mm (13 ²⁵ / ₃₂ "), height 190 mm (7 ³ / ₆₄ ")
Weight:	9.8 kg (21.6 1 bs)

※ Manufacturer reserves a right to change design and/or specifications without notice for purpose of improvement.

2. CONTROLS, INDICATORS AND OTHERS



- | | | |
|---------------------|-------------------------|------------------------|
| ① 45 rpm adaptor | ⑨ Speed selector switch | ⑰ Arm lifter |
| ② Belt | ⑩ Cartridge (Stylus) | ⑱ Lateral weight |
| ③ Capstan | ⑪ Shell | ⑲ Bias hook |
| ④ Belt guide | ⑫ Locking nut | ⑳ Bias cursor |
| ⑤ Shipping bolts | ⑬ Control lever | ㉑ Main weight |
| ⑥ Voltage selector | ⑭ Pilot lamp | ㉒ Hinge |
| ⑦ Turntable spindle | ⑮ Tonearm | ㉓ Bias weight |
| ⑧ Turntable ring | ⑯ Arm rest | ㉔ Turntable rubber mat |
| | | ㉕ Turntable (Platter) |

3. MAINTENANCE

3-1. Changing the capstan

The SR-1050's power source frequency has been properly adjusted for the area. If the turntable is brought to the country or area where electrical cycles change from 50 to 60 Hz or vice versa, an adjustment in the turntable speed is necessary as follows.

1. Remove the turntable (platter) and belt.
2. Loosen the setscrew of the capstan and pull the capstan up.
3. Attach a proper capstan (the thicker one is for 50 Hz).
4. Adjust the height of the capstan so that the belt moves smoothly while changing the turntable speed from $33\frac{1}{3}$ to 45 rpm or vice versa, then tighten the setscrew of the capstan securely.

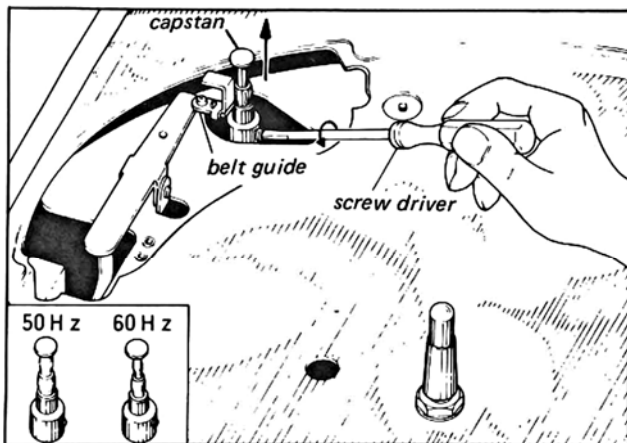


Fig. 3-1

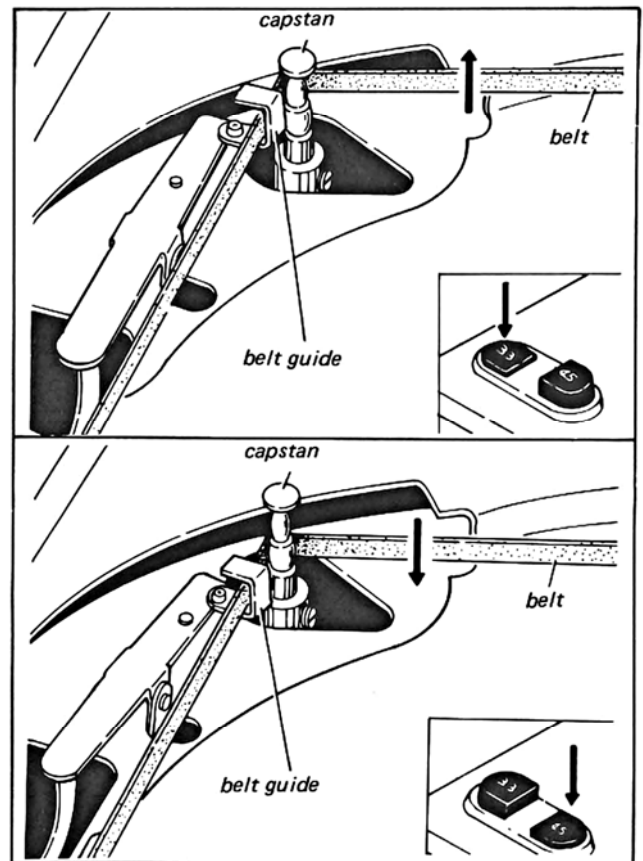


Fig. 3-2

3-2. Replacing the cartridge

1. Turn the locking nut counterclockwise and pull the shell out.
2. Remove the cartridge by loosening the nuts and disconnecting the leads.
3. Attach the cartridge and connect the leads in place correctly.
4. After replacement, adjust the stylus pressure again. (See page 4-5, 4-1. Adjusting the stylus pressure.)

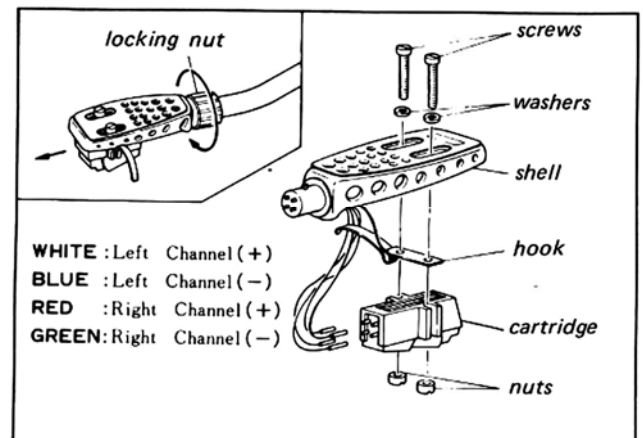


Fig. 3-3

3-3. Oiling

Although the need for oiling depends on usage, oiling should be performed once a year (every 1,000 hours of operation).

1. Motor

Remove the turntable (platter) and apply a few drops of oil.

Use only the oil attached with the turntable. Be careful that the oil does not stain the belt or capstan.

2. Turntable spindle

Remove the bottom board from the cabinet and loosen the setscrew in the bearing section of the turntable spindle, pull the spindle up and apply a few drops of oil.

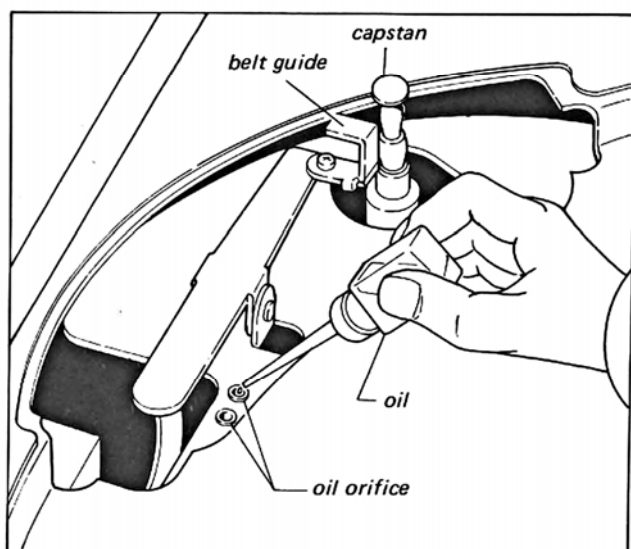


Fig. 3-4

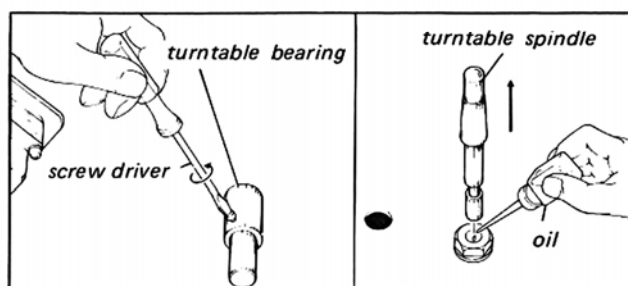


Fig. 3-5

3-4. Changing the LINE voltage

The SR-1050 can be used at six different voltages: 100 V, 115 V, 130 V, 200 V, 230 V and 250 V. Be careful not to switch to the wrong position.

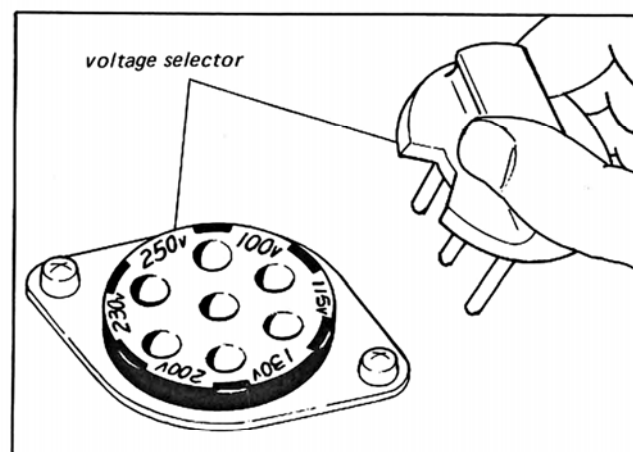


Fig. 3-6

4. ADJUSTMENT

4-1. Adjusting the stylus pressure

1. Remove the stylus cover from the cartridge and set the control lever to PLAY.
2. Remove the tonearm from its rest.
3. Set the stylus in the notch of the stylus pressure gauge so that the number on the gauge coincides with the stylus pressure as Fig. 4-1. Each notch represents 0.5 gram.
4. Move the main weight back and forth until the stylus pressure gauge balances.

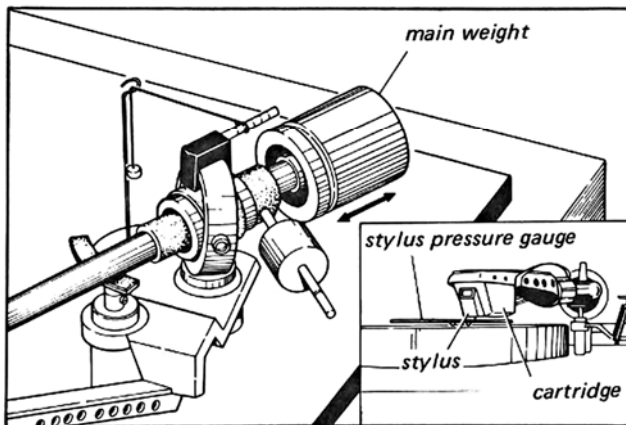


Fig. 4-1

4-2. Adjusting the inside force canceler

1. Thread the loop of the bias weight over the bias cursor and drop the thread into the bias hook.
2. Each notch on the bias lever represents 0.5 gram. Position the loop in the groove corresponding to the stylus pressure being used.

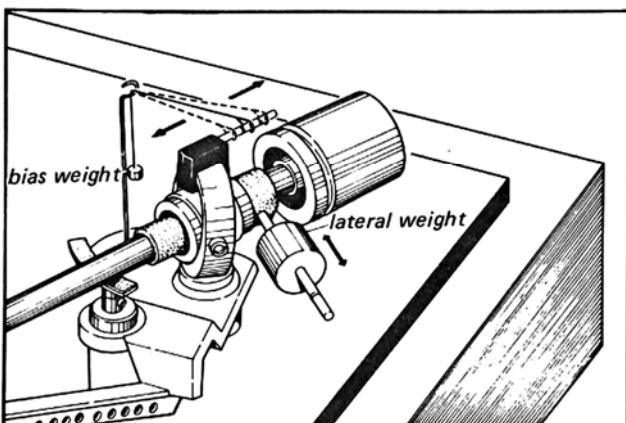
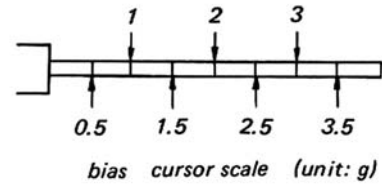


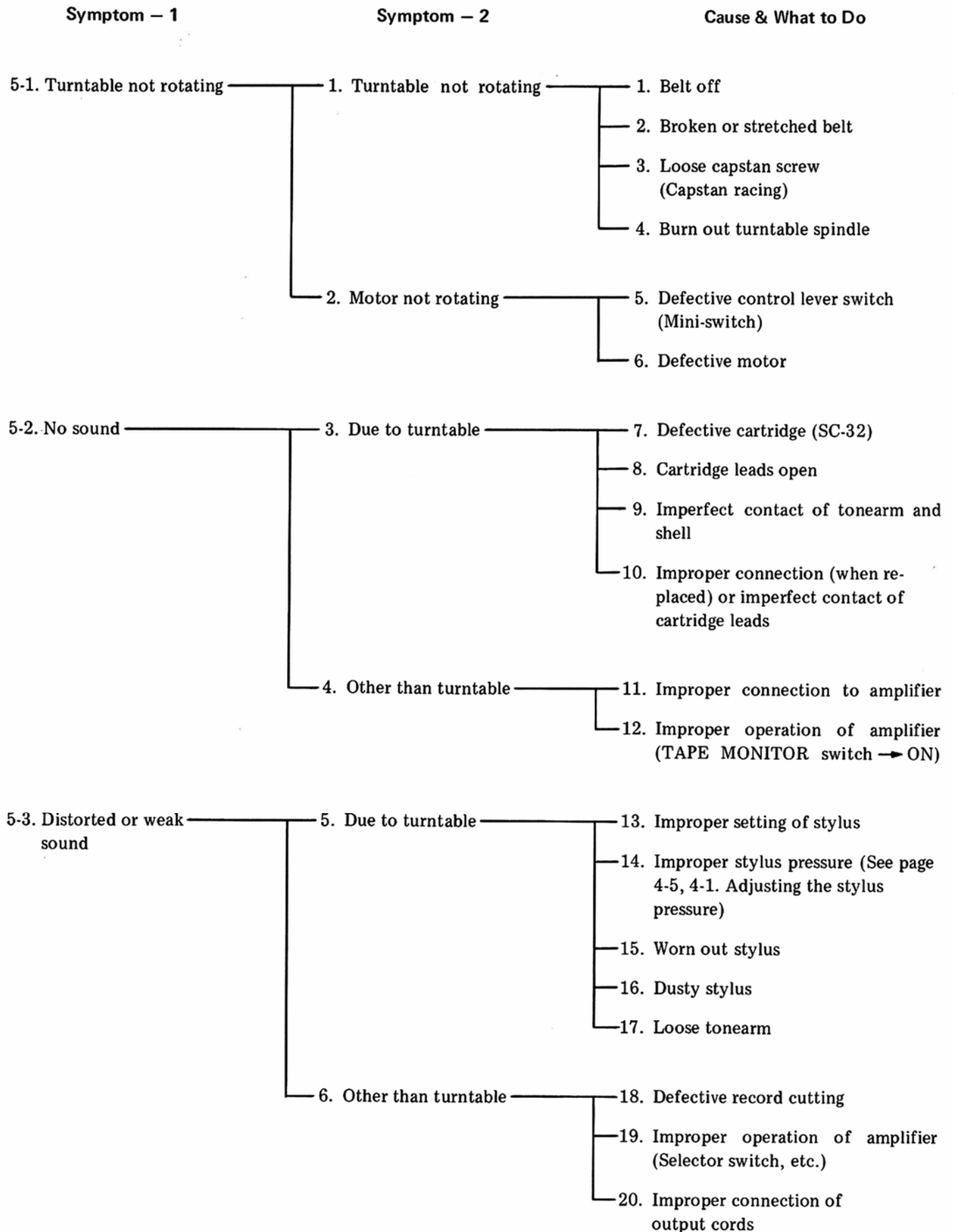
Fig. 4-2

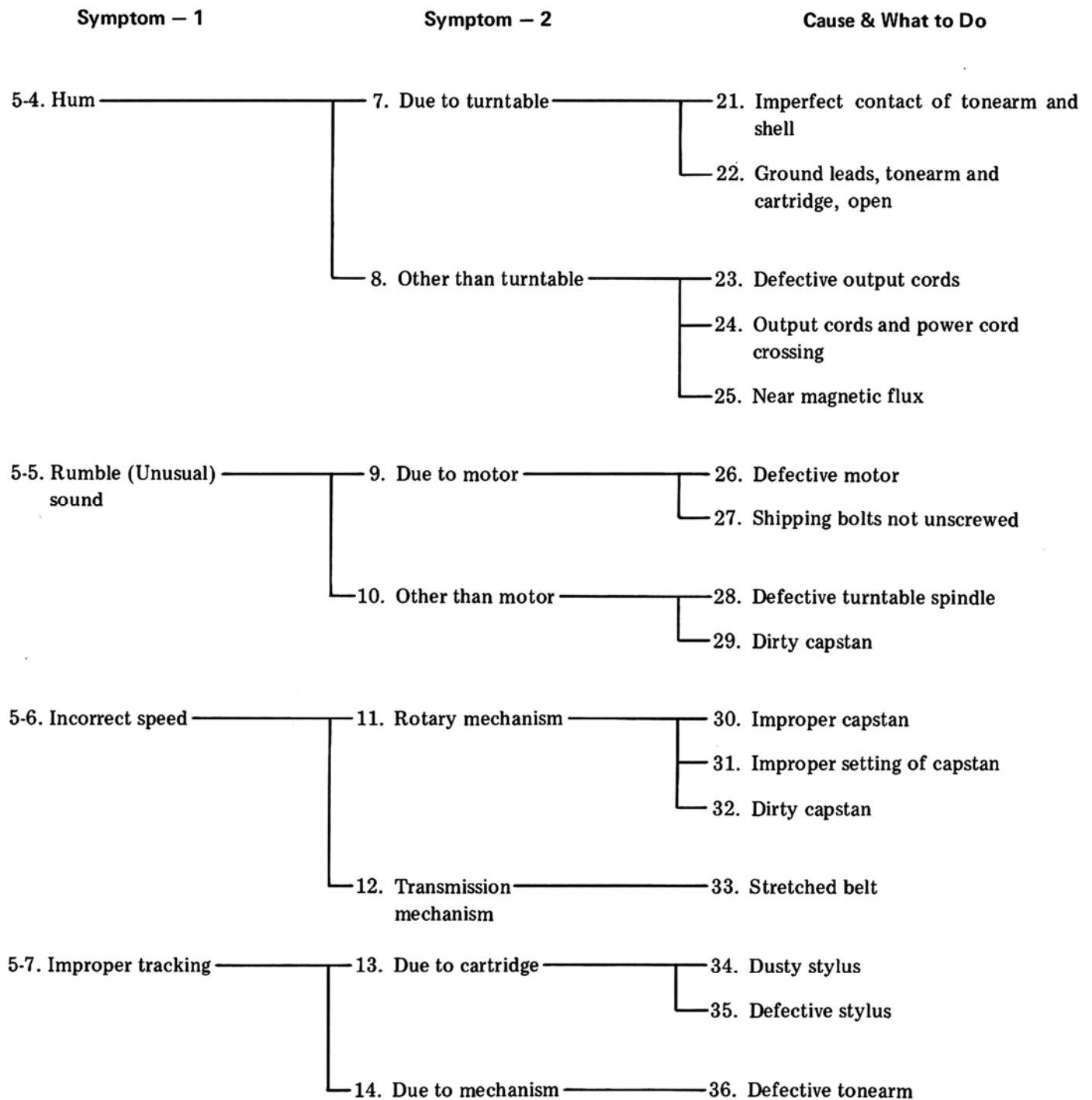


4-3. Adjusting the lateral balancer

1. Cut the AC power off.
2. Balance the tonearm.
3. Move the lateral weight until the tonearm stops at any position as it is placed, while raising the rear bottom edge (hinged side) of the SR-1050 about four inch high.
4. Lateral balance is pre-adjusted for the attached cartridge.

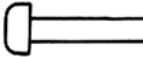
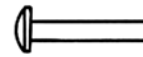
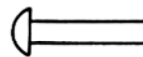
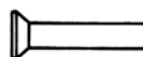
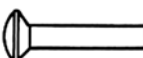
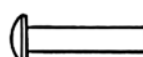
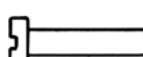
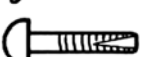
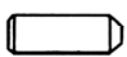
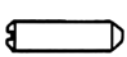
5. TROUBLESHOOTING





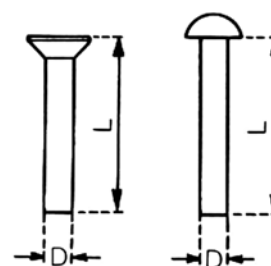
6. EXPLODED VIEW & PARTS LIST

Hardware Nomenclature

	Name	Abbreviation		Type
SCREW	Pan Head Screw	P		
	Binding Head Screw	B		
	Round Head Screw	R		
	Flat Countersunk Head Screw	F		
	Oval Countersunk Head Screw	O		
	Truss Head Screw	T		
	Flat Fillister Screw	FS		
	Oval Countersunk Wood Screw	OC		
	Flat Countersunk Wood Screw	FC		
	Pan Head Tapping Screw	PT		
SETSCREW	Hex. Socket Setscrew	S		
	Slot Type Setscrew	SS		
WASHER	Retaining Ring (E washer)	E		
	Plane Washer	P		
	Spring Washer	S		
	Corrugated Washer	C		
	Toothed Lock Washer	TL		

EXAMPLE

FS	type Screw, M3 x 6 (BLK)	
	-----	Color
	-----	Length in mm (L)
	-----	Diameter in mm (D)
	-----	Type & Name



All screws conform to ISO standards, unless otherwise noted.

6-1. Exploded view (1) and parts list (See Fig. 6-1)

※ Use the stock number for parts order. If the stock number is unknown, use the model's name, fig. number, parts number and parts name correctly.

Parts No.	Stock No.	Description
1	5100063	B Type Screw, M4 x 10
2	5111060	Hex. Cap Nut, M4
3	5100063	B Type Screw, M4 x 10
4	5111060	Hex. Cap Nut, M4
5	6922020	Hinge A
6	5100063	B Type Screw, M4 x 10
7	5111060	Hex. Cap Nut, M4
8	5100063	B Type Screw, M4 x 10
9	5111060	Hex. Cap Nut, M4
10	6922010	Hinge C
	7022010	Stay Ass'y
11		Setscrew, stay
12		Washer, stay
13		Setscrew, stay
14		Arm, stay
15		Color, stay
16	5362010	Name Plate, dust cover
17	5362010	Name Plate, dust cover
18	5062010	Dust Cover
19	5392050	Ring, turntable
20	5502110	Rubber Mat, turntable
21	6112040	Turntable
22	6032040	Belt
23	5143026	FC Type Screw, M3.1 x 13
24	5143026	FC Type Screw, M3.1 x 13
25	5143026	FC Type Screw, M3.1 x 13
26	5143026	FC Type Screw, M3.1 x 13
27	5143026	FC Type Screw, M3.1 x 13
28	5143026	FC Type Screw, M3.1 x 13
29	5143026	FC Type Screw, M3.1 x 13
30	5143026	FC Type Screw, M3.1 x 13

Parts No.	Stock No.	Description
31	5143026	FC Type Screw, M3.1 x 13
32	5143026	FC Type Screw, M3.1 x 13
33	5512040	Insulator C
34	5512020	Insulator B
35	5512040	Insulator C
36	5512040	Insulator C
37	5732030	Bottom Cover
38	5101067	B Type Screw, M4 x 18
39		P Type Washer, 4 x 12 x 1.2
40	5101067	B Type Screw, M4 x 18
41		P Type Washer, 4 x 12 x 1.2
42	5101067	B Type Screw, M4 x 18
43		P Type Washer, 4 x 12 x 1.2
44	5101067	B Type Screw, M4 x 18
45		P Type Washer, 4 x 12 x 1.2
46		Output Cords
47		AC Cord
48	5143026	FC Type Screw, M3.1 x 13
49	5143026	FC Type Screw, M3.1 x 13
50	5143026	FC Type Screw, M3.1 x 13
51	6922020	Hinge B
52	5143026	FC Type Screw, M3.1 x 13
53	5143026	FC Type Screw, M3.1 x 13
54	5143026	FC Type Screw, M3.1 x 13
55	6922010	Hinge D
56	5502020	Cushion
57	5502020	Cushion
58	5332020	Badge
59	5732040	Cabinet

Fig. 6-1

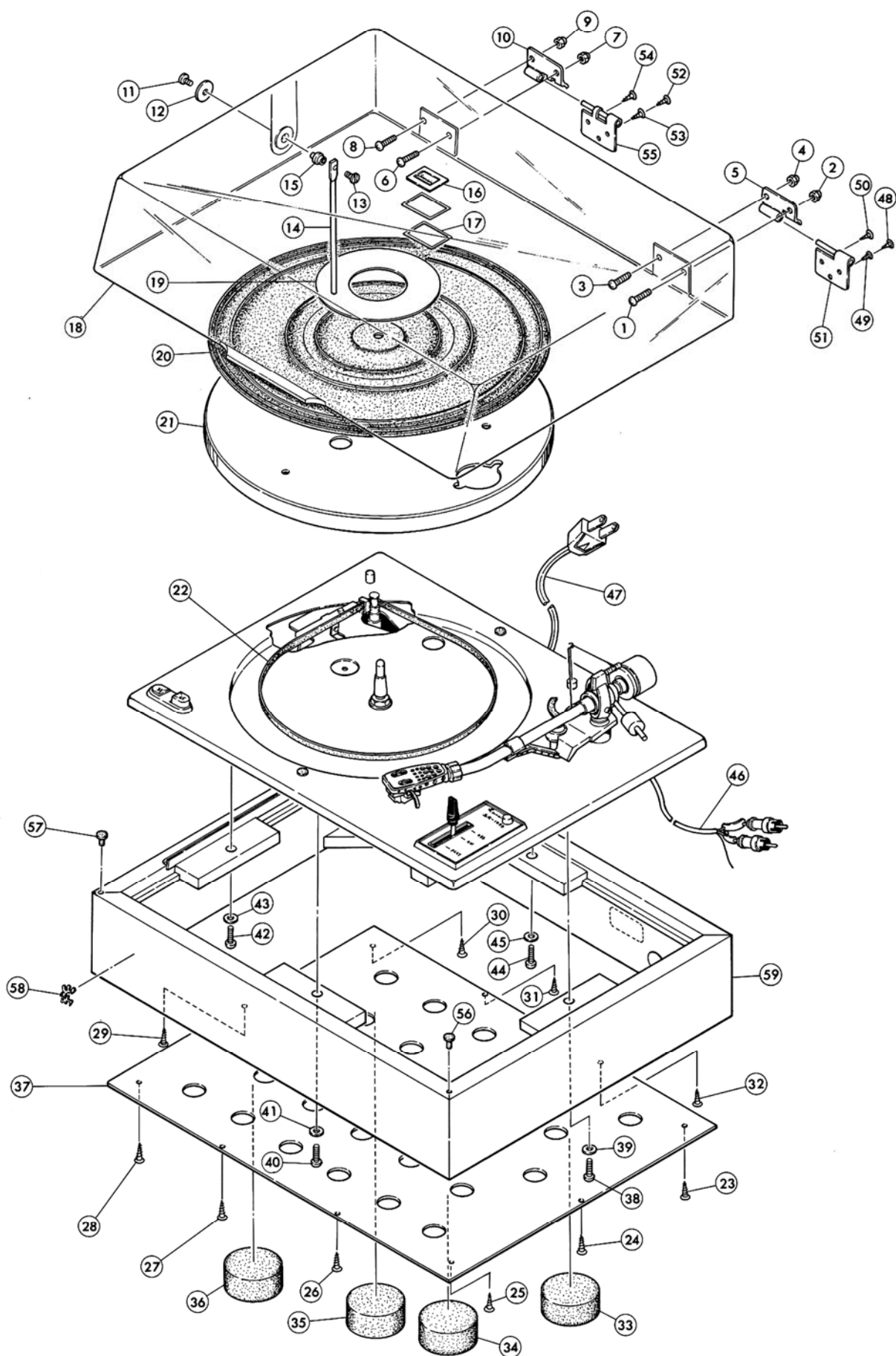
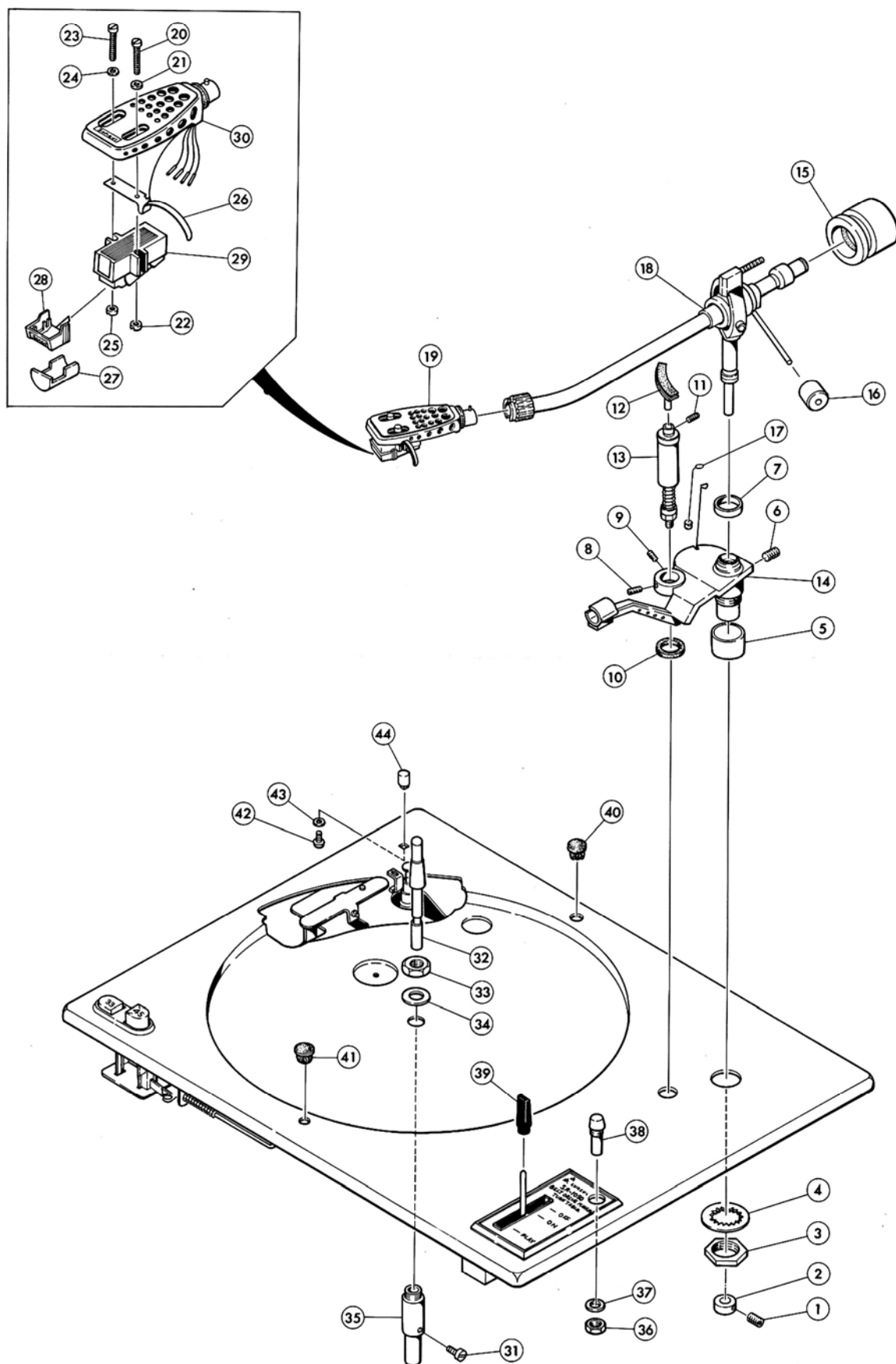


Fig. 6-2



6-2. Exploded view (2) and parts list (See Fig. 6-2)

※ Use the stock number for parts order. If the stock number is unknown, use the model's name, fig. number, parts number and parts name correctly.

Parts No.	Stock No.	Description
	7092040	Tonearm Ass'y
1		S Type Screw, M3 x 5 (BLK)
2		Bearing, tonearm
3		Hex. Nut, M16
4		TL Type Washer, M16
5		Ring A, tonearm
6		S Type Screw, M4 x 5 (BLK)
7		Ring B, tonearm
8		SS Type Screw, M2.6 x 4
9		SS Type Screw, M2.6 x 4
10		Rubber Ring, arm lifter
11		SS Type Screw, M2.6 x 3
12	5292030	Guide, arm
13	7082040	Lifter, arm
14	6632020	Arm Base Ass'y
15	6912040	Weight, main
16	6912050	Weight, lateral
17	6912060	Weight, bias
18		Tonearm
19		Shell (with Cartridge)
20		FS Type Screw, M2.6 x 15 (BLK)
21		Washer, rigid polyvinyl chloride
22		Nut, M2.6
23		FS Type Screw, M2.6 x 15 (BLK)

Parts No.	Stock No.	Description
24		Washer, rigid polyvinyl chloride
25		Nut, M2.6
26		Hook, shell
27		Cover, stylus
28	4940030	Stylus (SN-31)
29	4310030	Cartridge (SC-32)
30	6642030	Sheel
	7032040	Turntable Spindle Ass'y
31		Setscrew, turntable spindle
32		Spindle, turntable
33		Hex. Nut, M10
34		P Type Washer, 10 x 16 x 1.0
35		Bearing, turntable
36		Hex. Nut, M7.5
37		P Type Washer, 7.5 x 10 x 0.5
38		Lamp, neon
39	5312030	Cap, control lever
40	5062050	Rubber Plug
41	5062050	Rubber Plug
42		PT Type Screw, M2.6 x 6
43		P Type Washer, 2.6 x 10 x 0.8
44		Stay, adaptor

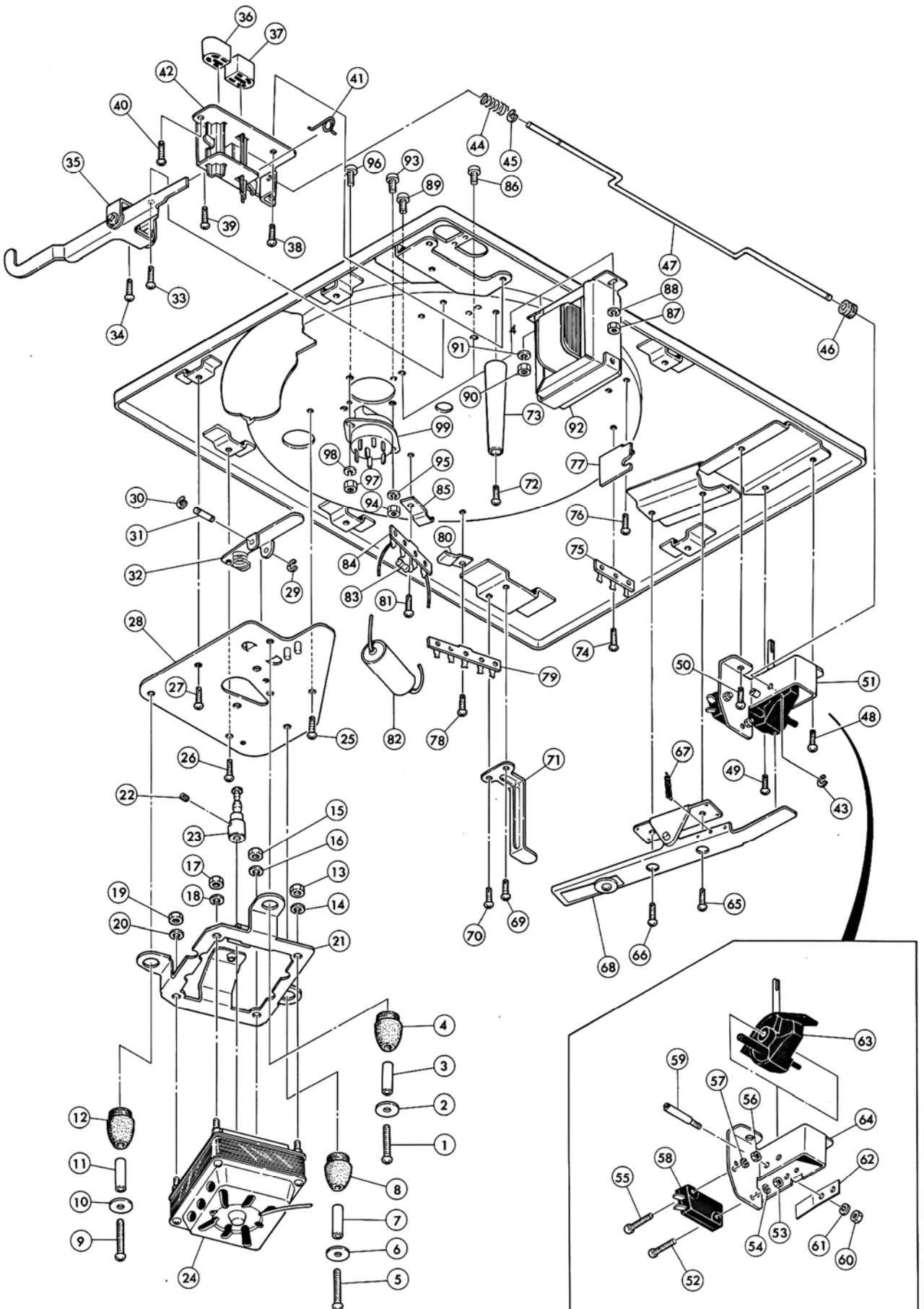
6-3. Exploded view (3) and parts list (See Fig. 6-3)

※ Use the stock number for parts order. If the stock number is unknown, use the model's name, fig. number, parts number and parts name correctly.

Parts No.	Stock No.	Description
1	5103070	P Type Screw, M4 x 30
2		P Type Washer, 4 x 15 x 0.8
3	5232060	Spacer, motor
4	5502120	Rubber Cushion, motor
5	5103070	P Type Screw, M4 x 30
6		P Type Washer, 4 x 15 x 0.8
7	5232060	Spacer, motor
8	5502120	Rubber Cushion, motor
9	5103070	P Type Screw, M4 x 30
10		P Type Washer, 4 x 15 x 0.8
11	5232060	Spacer, motor
12	5502120	Rubber Cushion, motor
13	5110361	Hex. Nut, M4 x 7 x 3.2
14	5121260	S Type Washer, 4 x 1.4 x 1.0
15	5110361	Hex. Nut, M4 x 7 x 3.2
16	5121260	S Type Washer, 4 x 1.4 x 1.0
17	5110361	Hex. Nut, M4 x 7 x 3.2
18	5121260	S Type Washer, 4 x 1.4 x 1.0
19	5110361	Hex. Nut, M4 x 7 x 3.2
20	5121260	S Type Washer, 4 x 1.4 x 1.0
21	5242100	Sheet, motor
22		SS Type Screw, M3 x 4
23	6142070	Capstan (50 Hz)
	6142080	Capstan (60 Hz)
24	4320070	Motor
25	5103542	PT Type Screw, M3 x 8
26	5103542	PT Type Screw, M3 x 8
27	5103542	PT Type Screw, M3 x 8
28		Sub Panel
29	5151002	E Type Ring, 2 ϕ
30	5151002	E Type Ring, 2 ϕ
31		Shaft, step lever
32	7052100	Step Lever Ass'y
33	5103542	PT Type Screw, M3 x 8
34	5103542	PT Type Screw, M3 x 8
35	7052110	Selector Lever Ass'y
36	5322010	Pushbutton (45)
37	5322020	Pushbutton (33)
38	5103542	PT Type Screw, M3 x 8
39	5103542	PT Type Screw, M3 x 8
40	5103542	PT Type Screw, M3 x 8
41		Spring, speed selector
42		Speed Selector Ass'y
43	5151002	E Type Ring, 2 ϕ
44		Spring, stopper shaft
45	5151002	E Type Ring, 2 ϕ
46		Rubber Bushing, stopper shaft
47	6512030	Stopper Shaft
48	5103541	PT Type Screw, M3 x 6
49	5103541	PT Type Screw, M3 x 6

Parts No.	Stock No.	Description
50	5103541	PT Type Screw, M3 x 6
51	7052110	Control Lever Ass'y
52	5103029	P Type Screw, M2.6 x 15
53	5110321	Hex. Nut, M2.6 x 5 x 2
54	5121220	S Type Washer, 2.6 x 1.0 x 0.6
55	5103029	P Type Screw, M2.6 x 15
56	5110321	Hex. Nut, M2.6 x 5 x 2
57	5121220	S Type Washer, 2.6 x 1.0 x 0.6
58		Mini-Switch
59		Shaft, lift cam
60	5110361	Hex. Nut, M4 x 7 x 3.2
61	5121260	S Type Washer, 4 x 1.4 x 1.0
62		Leaf Spring, lift cam
63		Lift Cam
64		Case, lift cam
65	5103542	PT Type Screw, M3 x 8
66	5103542	PT Type Screw, M3 x 8
67		Spring, lift lever
68		Lift Lever Ass'y
69	5103542	PT Type Screw, M3 x 8
70	5103542	PT Type Screw, M3 x 8
71		Plate, protector
72	5103542	PT Type Screw, M3 x 8
73	5292050	Pole, protector
74	5103542	PT Type Screw, M3 x 8
75	2110060	2-Lug Terminal Strip
76	5103542	PT Type Screw, M3 x 8
77		Holder, stopper lever
78	5103542	PT Type Screw, M3 x 8
79	2110070	4-Lug Terminal Strip
80		Cord Clamper
81	5103542	PT Type Screw, M3 x 8
82		Oil Capacitor, 0.33 μ F 600 V
83		Carbon Resistor, 150 k Ω $\frac{1}{4}$ W
84	2110120	3-Lug Terminal Strip
85		Cord Clamper
86	5103063	P Type Screw, M4 x 10
87	5110361	Hex. Nut, M4 x 7 x 3.2
88	5121260	S Type Washer, 4 x 1.4 x 1.0
89	5103063	P Type Screw, M4 x 10
90	5110361	Hex. Nut, M4 x 7 x 3.2
91	5121260	S Type Washer, 4 x 1.4 x 1.0
92		Power Transformer
93	5103045	P Type Screw, M3 x 10
94	5110241	Hex. Nut, M3 x 5.5 x 2.4
95	5121340	S Type Washer, 3 x 1.1 x 0.7
96	5103045	P Type Screw, M3 x 10
97	5110241	Hex. Nut, M3 x 5.5 x 2.4
98	5121340	S Type Washer, 3 x 1.1 x 0.7
99		Voltage Selector

Fig. 6-3



6-4. Packing and accessories list

Packing list

Parts No.	Stock No.	Description
1		Carton Case
2		Foamed Polystyrene Package (Lower)
3		Record Player
4		Foamed Polystyrene Package (Upper)
5	5062010	Dust Cover
6	6032040	Belt
7	6112040	Turntable
8	5502110	Turntable Rubber Mat
9		Inner Packing

Accessories list

Parts No.	Stock No.	Description
1	6912040	Main Weight
2	6912060	Bias Weight
3		Shell (with cartridge)
4		45 rpm Adaptor
5		Stylus Pressure Gauge
6		Screwdriver
7		Oil Feeder

