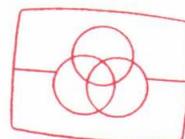




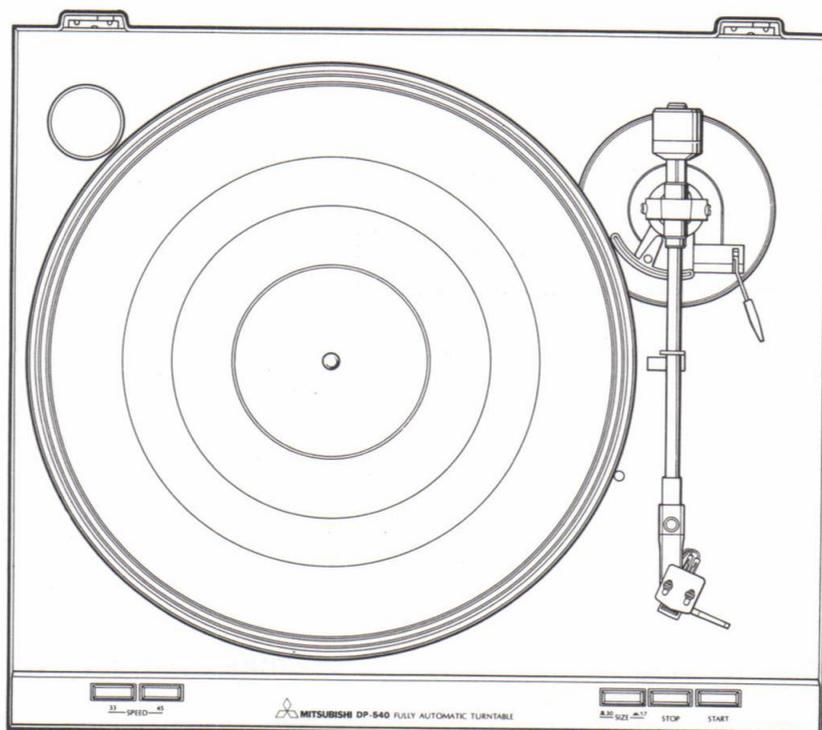
SERVICE MANUAL
TURNTABLE
 MODEL DP-540



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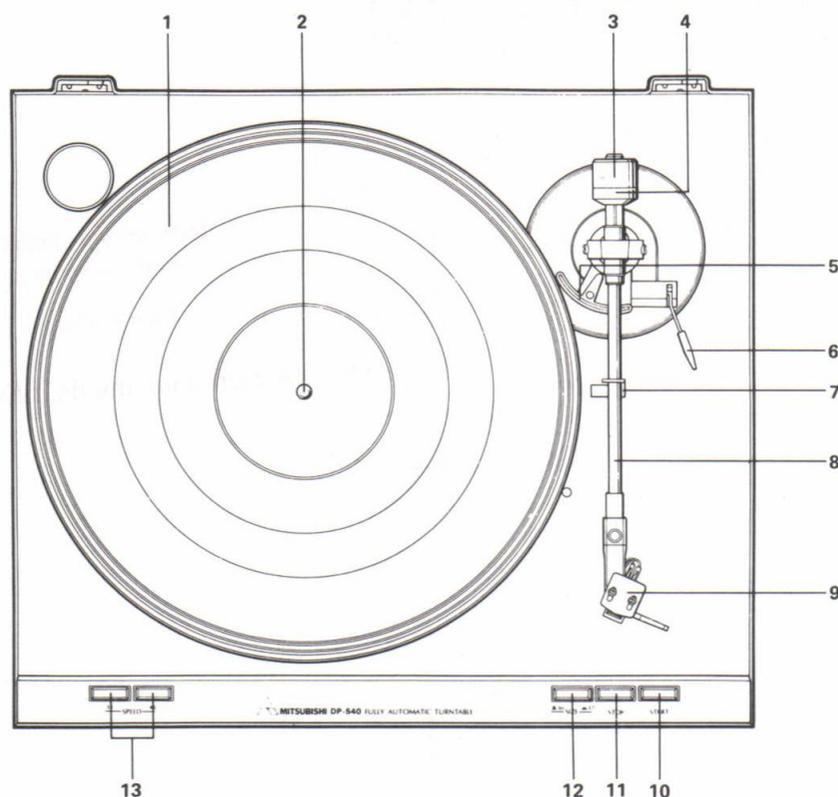


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NAMES OF PARTS / SPECIFICATIONS:



1. PLATTER MAT
2. CENTRE SHAFT
3. COUNTER BALANCE WEIGHT
4. TRACKING FORCE ADJUSTING KNOB
5. ARM LIFTER
6. CUE/LIFT LEVER
7. ARM REST
8. TONEARM
9. HEADSHELL
10. START BUTTON
11. STOP BUTTON
12. DISC SIZE SELECT BUTTON
13. SPEED SELECT BUTTON

SPECIFICATIONS:

1. TURNTABLE SECTION

Drive mechanism	Belt drive
Motor	4-pole synchronous
Platter Diameter	30cm (12")
Material	Aluminum diecast
Platter speed	33-1/3, 45 r.p.m.
Wow and flutter	±0.15% (DIN Wp-p)
	0.09% (Wrms)
Signal to noise ratio	50 dB (IEC-B)
	65 dB (DIN-B)

2. TONEARM SECTION

Type	Static balance, straight arm
Overall length	27 cm (10-5/8")
Effective length	21.3 cm (8-3/8")
Overhang	14 mm (9/16")
Tracking error (30 cm LP)	+3° ~ -1°
Offset angle	23.5°
Possible cartridge weight	5g to 9g
Tracking force adjustment	0 to 3g (0.5g step)

3. CARTRIDGE SECTION

Type	Dual moving magnet
Stylus	0.6 mil diamond
Recommended tracking force	2g
Output level (1 kHz, 5cm/sec)	3 mV
Channel separation (1 kHz)	20 dB

4. GENERAL

Power consumption	10 W
Dimensions (W x H x D)	424 x 384 x 137 mm (16-11/16 x 15-1/8 x 5-3/8")
Weight	4.2 kg (9-1/4 lb)

Design and specifications are subject to change without notice for improvement.

DISASSEMBLY INSTRUCTIONS:**1. Removing the Tonearm**

- 1) First remove the turntable base.
- 2) Next remove the drive lever E-ring (Fig. 1- (A)), and remove the drive lever from the main chassis.
- 3) Disconnect the output lead wires soldered to the terminals.
- 4) Loosen the 2 lever securing screws in the tonearm axis, and then remove the lever from the tonearm.
- 5) Remove the tonearm securing nut and washer.
- 6) The tonearm can then be removed from the turntable cabinet.

2. Removing the Return Gear

- 1) Remove the turntable base.
- 2) Remove the drive lever from the main chassis.
- 3) Remove the repeat lever E-ring (Fig. 1- (B)). Then while pushing the start lever in the direction of arrow X in Fig. 1, push the repeat lever in the direction of arrow Y. This will enable the start lever to be removed by moving it in the direction of arrow Z, and the repeat lever from the shaft.
- 4) Since the start lever is mounted below the repeat lever (see Fig. 2), remove the E-ring and the CS-ring. Then remove the start lever from the shaft.
- 5) Remove the selector guide lever E-ring (Fig. 1 (C)). The selector guide lever can then be removed from the shaft.
- 6) Also remove the return gear E-ring (Fig. 1 (D)), thereby enabling the removal of the return gear from the main chassis.

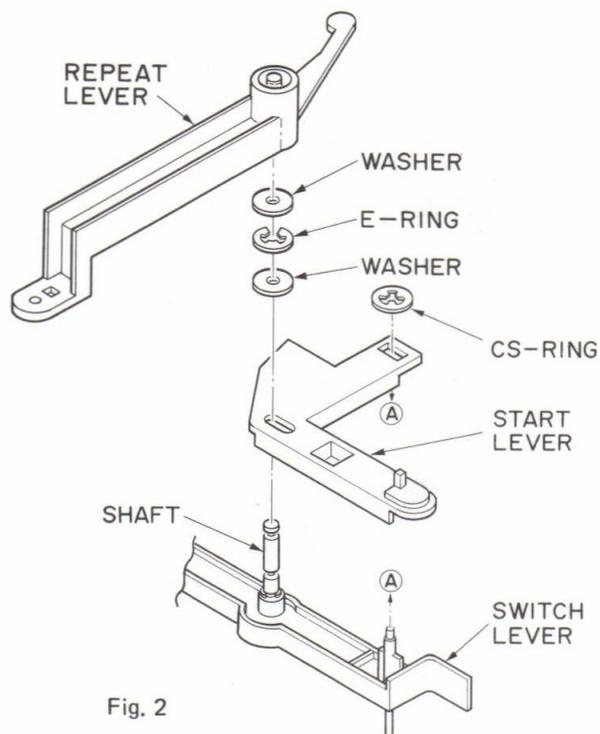
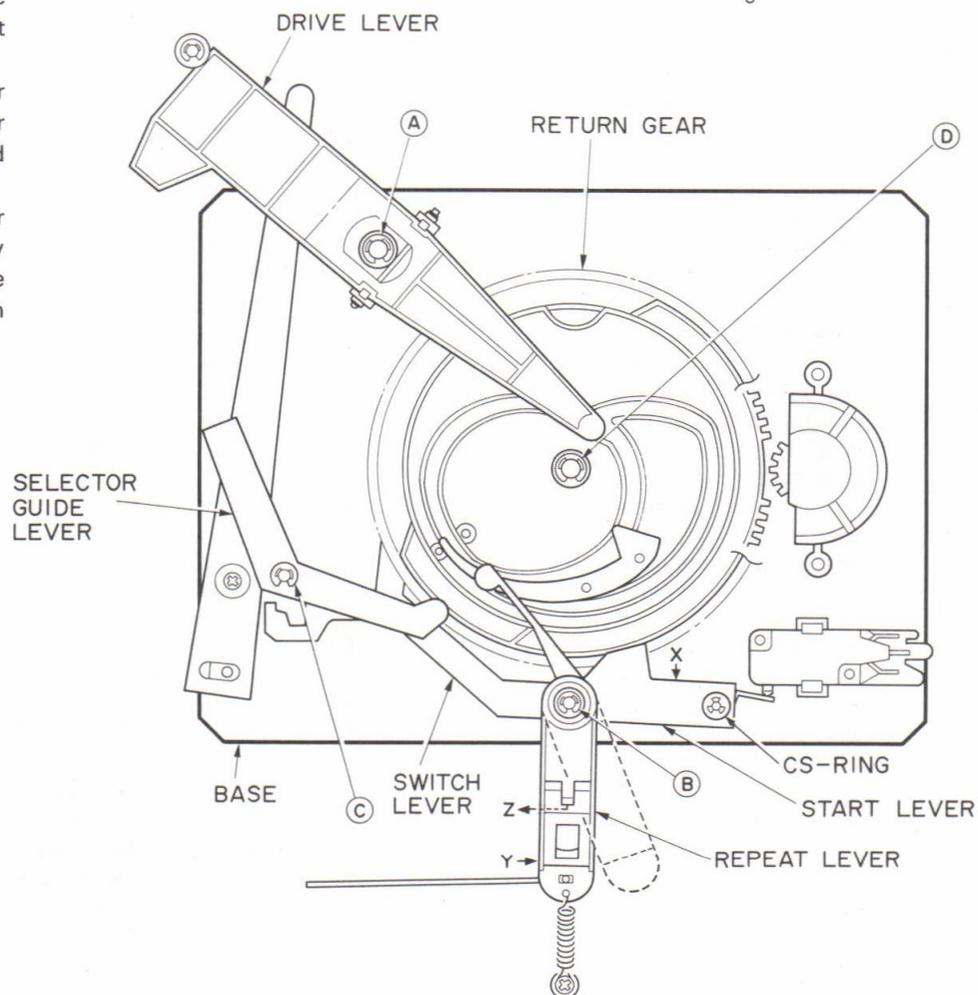


Fig. 1

Fig. 2

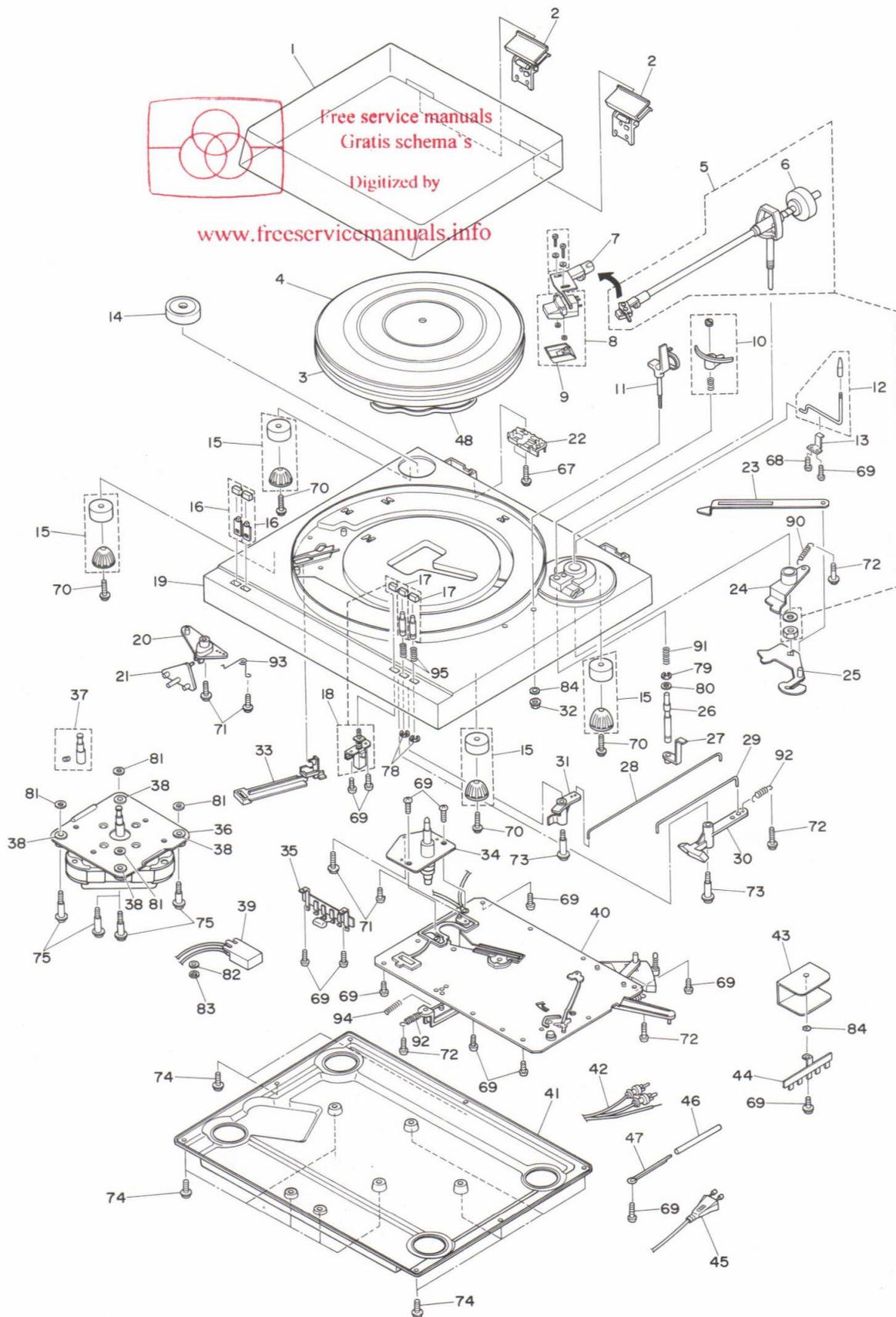


PARTS LIST:

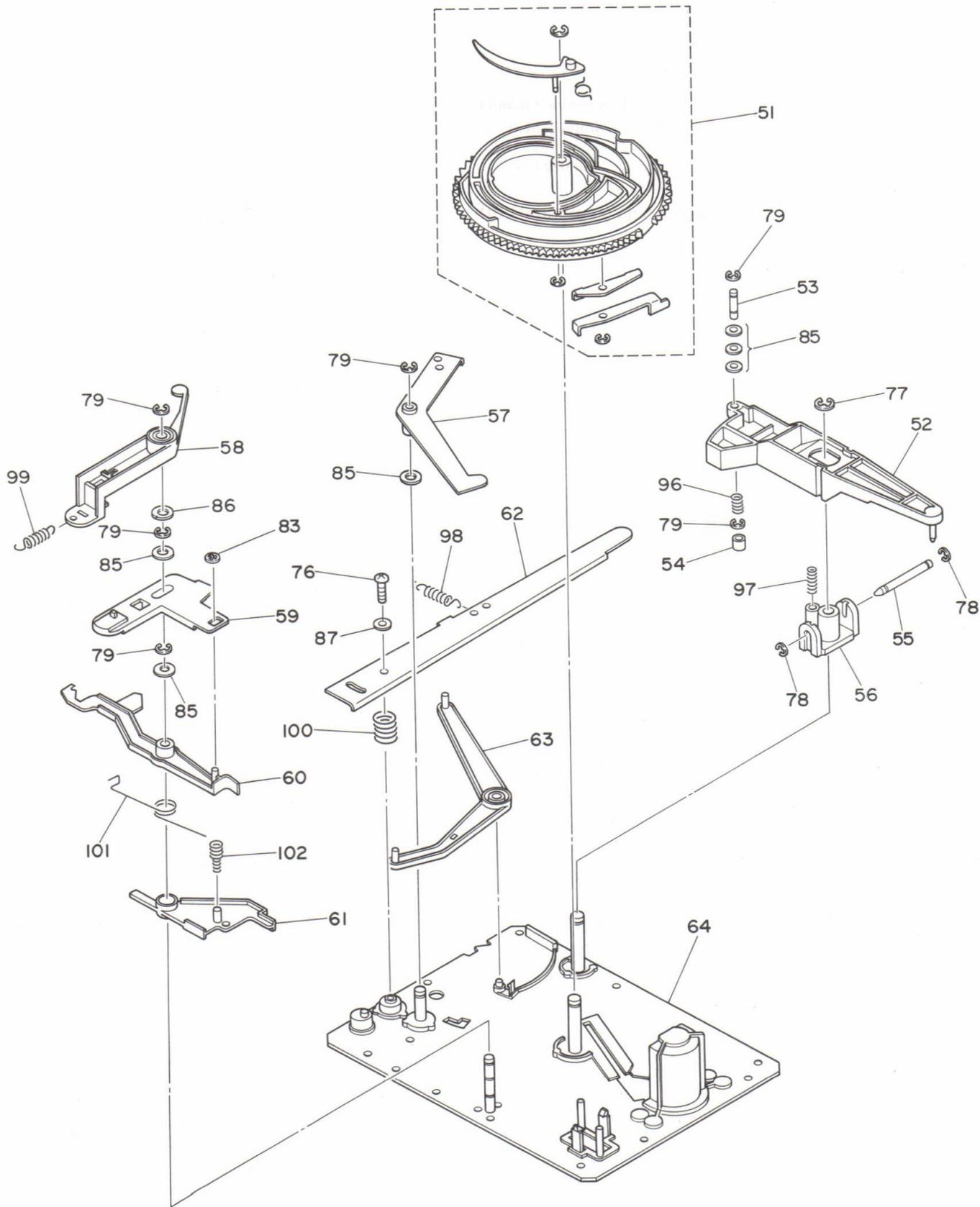
Symbol No.	Parts No.	Description
1	M07557130	Dust Cover
2	M07557140	Hinge
3	M07558620	Platter
4	M07558622	Platter Rubber Mat
5	M07563600	Tonearm Assy
6	M07558618	Main Weight
7	M07558616	Head Shell
8	M04168610	Cartridge (MAG-47)
9	M04168612	Stylus (3D-47M)
10	M07558604	Arm Lifter
11	M07558602	Armrest
12		Lifter Lever Assy
13		Holder
14	M07558005	Adaptor (45 rpm)
15	M07558190	Leg Assy
16	M07558201	Knob (Speed Selector)
17	M07558200	Knob (Start, Stop)
18	M07558355	Switch Assy
19		Cabinet
20		Cam
21		Change Arm
22		Holder
23		Lever
24		Selector Lever
25		Slide Lever
26		Shaft (Elevation)
27		Holder
28		Link
29		Link
30	M07558737	Cam (Start)
31	M07558736	RS Cam
32		Flange Nut
33		Guide Plate for Belt
34	M07558679	Shaft Assy
35		Lug Terminal
36	M07563550	Motor
37	M07558632	Pulley Assy (with Screw)
38	M07558180	Rubber washer (for Motor)
39	M07558380	Switch-Micro (Power)
40		Mechanism Assy
41	M07558106	Case-Bottom
42	M07558495	Output-Cord
43		Shield Plate
44		Lug Terminal
45	M07564490	Power-Cord
46		Tube-UL
47		Clamper
48	M07558713	Belt
49		
50		
51	M07558730	Main Gear Assy
52		Rotate Plate
53		Shaft
54	M07558181	Friction Rubber
55		Shaft

Symbol No.	Parts No.	Description
56		Mounting Base
57		Selector Guide
58	M07558650	Repeat Lever
59		Start Lever
60		Switch Lever
61		Clutch Lever
62		Selector Arm Assy
63		Switch Lever
64		Mechanism Base
65		
66		
67		Tapping Screw1-3 x 12
68		Tapping Screw1-3 x 8 (FLAT HEAD)
69		B tight Screw 3 x 8
70		Tapping Screw2-4 x 25
71		Tapping Screw1-3 x 8 (with WASHER)
72		Tapping Screw2-3 x 12
73		Screw-Special
74		Tapping Screw1-4 x 12
75		Screw-Special (for motor mount)
76		
77		E-ring 4 φ
78		E-ring 2 φ
79		E-ring 3 φ
80		Washer-PL 4.7 φ x 0.5t
81		Washer-Metal 3.2 φ x 0.5t
82		Washer-Fibre 3 φ x 1t
83		CS-ring 3 φ
84		Toothed Washer 3 φ
85		Washer-Metal 4.7 φ x 0.5t
86		Washer-Metal 4.7 φ x 0.3t
87		Washer-Metal 3.2 φ x 0.8t
88		
89		
90		Spring (for Start Lever)
91		Spring (for Elevation)
92		Spring (for Start Lever)
93	M07558761	Spring (for click stop)
94		Spring (for deferential movement)
95		Spring (for Reject)
96		Spring (for friction)
97		Spring (for Rotate Plate)
98		Spring (for Selector Arm)
99		Spring (Start Lever)
100		Spring (for safety)
101	M07558760	Spring (for Clutch)
102		Spring (for Clutch)
Packing		
201	M07563900	Packing-Box
202	M07558910	Packing-Cushion
203	M07563911	Packing-Sheet
204	M07558930	Packin-Cover
	M07558770	Motor Fastening Screw
	M07564940	Instruction Booklet

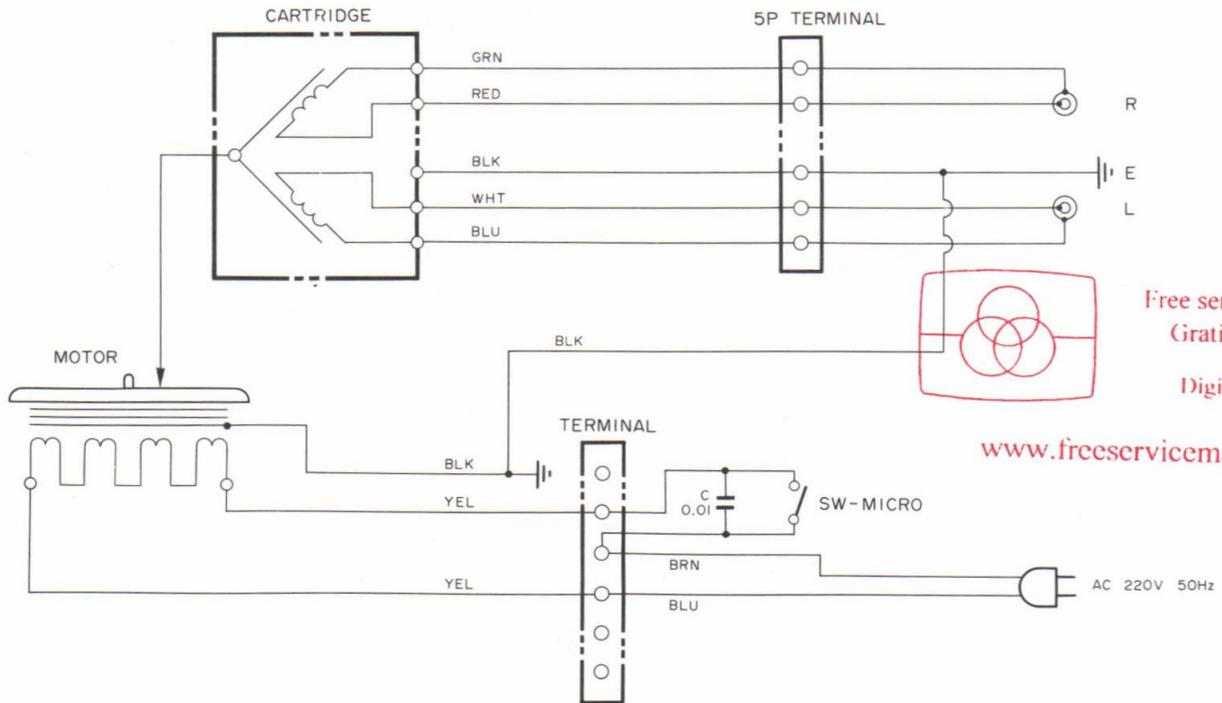
EXPLODED VIEW:



EXPLODED VIEW OF MECHANISM:



SCHEMATIC DIAGRAM:



PACKING INSTRUCTIONS:

