

SERVICE MANUAL

FISHER

MT-6310

**DC Servo
Stereo Turntable
(EUROPE)**



The first name in high fidelity

Nominal Specifications for Information only.

TURNTABLE	MT-6310
Motor	DC Servo
Drive	Belt
Wow and Flutter (WRMS)	0.04%
Rumble (DIN 45539B)	-68 dB
Speed Variation	±0.8%
Speed Control Range	±3%
Tracking Force Range	0.6-3.5 grams
Platter Diameter	314 mm
Platter Weight	1.0 kg
Strobe Light	Yes
Record Speed Selector	33/45 rpm
Auto Function	
Stop	Yes
Reject	Yes
Manual Function	
Start	Yes
Stop	Yes
Tone Arm Data	
Resonance	<10 Hz
Balance Adjustment	Counter-Weight
Effective Length	222 mm
Shape	S-Form
Bearing-Type	
Horizontal	Thrust
Friction Sensitivity	0.2 gram
Vertical	Pivot
Friction Sensitivity	0.25 gram
Max. Tracking Error	±2.0°
Anti Skate Control	Adjustable
Cueing	Viscous Damped
Overhang Indicator	Yes
GENERAL	
Power Requirements	AC: 110/220V 50/60 Hz
Dimensions (W x D x H)	440x380x138 mm
Weight (approx.)	4.6 kg

Because Fisher products are subject to continuous improvement, Fisher reserves the right to modify, change, or alter any design or specifications without notice and without incurring any obligation. Fisher reserves the right to make changes and improvements upon its products without any obligation to install such changes upon any of its products previously manufactured.

MOUNTING THE CARTRIDGE

1. Carefully mount cartridge according to instructions given by the cartridge manufacturer. Do not tighten mounting screws as yet.
2. Connect the four colored wires found in the cartridge shell to the cartridge terminals. It is important that connections are made correctly. That is, colors of wires and cartridge terminals must be matched.
 Red = Right output
 Green = Right ground
 White = Left output
 Blue = Left ground
3. Plug cartridge shell into tone arm and tighten cartridge shell ring by turning it counterclockwise (as seen from shell side).
4. Move the tone arm over the overhang indicator and adjust cartridge until the stylus point is located exactly above the overhang indicator. Fix cartridge in this location by tightening mounting screws.

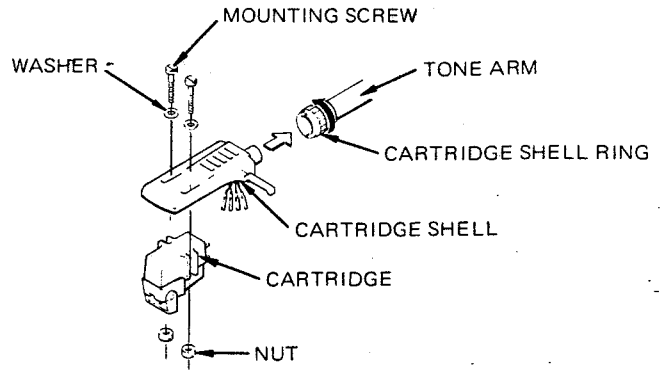


Fig. 1

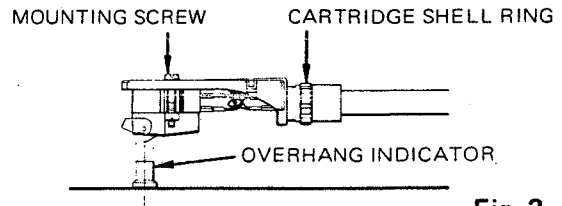


Fig. 2

PICK-UP ARM HEIGHT ADJUSTMENT

When using the cueing lever or the auto-return, perform the pick-up arm height adjustments by turning each adjusting screw as illustrated in Fig. 3. Turn the adjusting screw clockwise to raise the Pick-up Arm, and counter-clockwise to lower it.

PICK-UP RISING POSITION ADJUSTMENT (Return Point)

Change the return point either to inward or outward by turning the return adjusting cum (37).

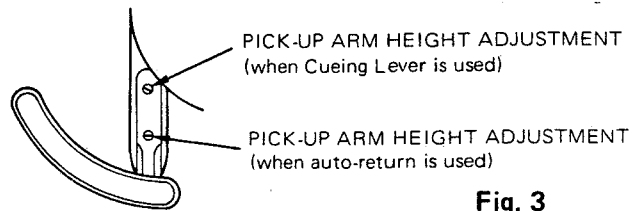
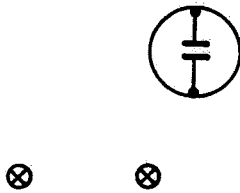
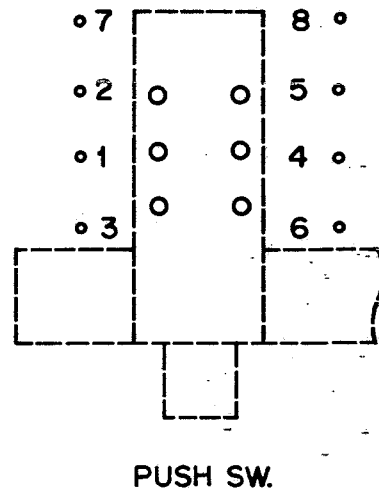


Fig. 3

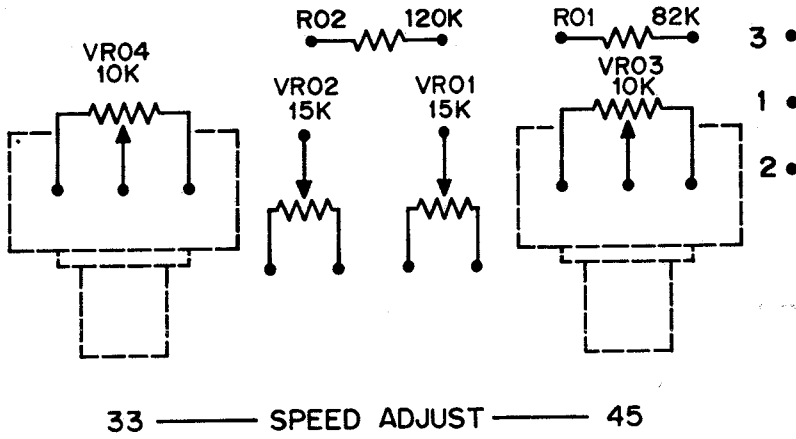
NEON LAMP P.C.BOARD



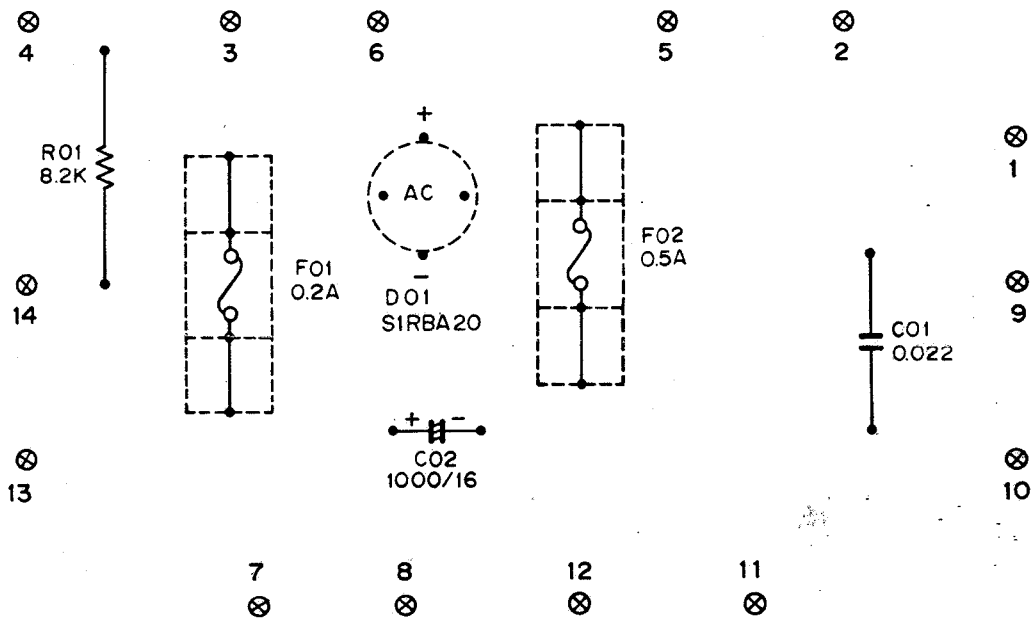
SPEED SELECT P.C.BOARD



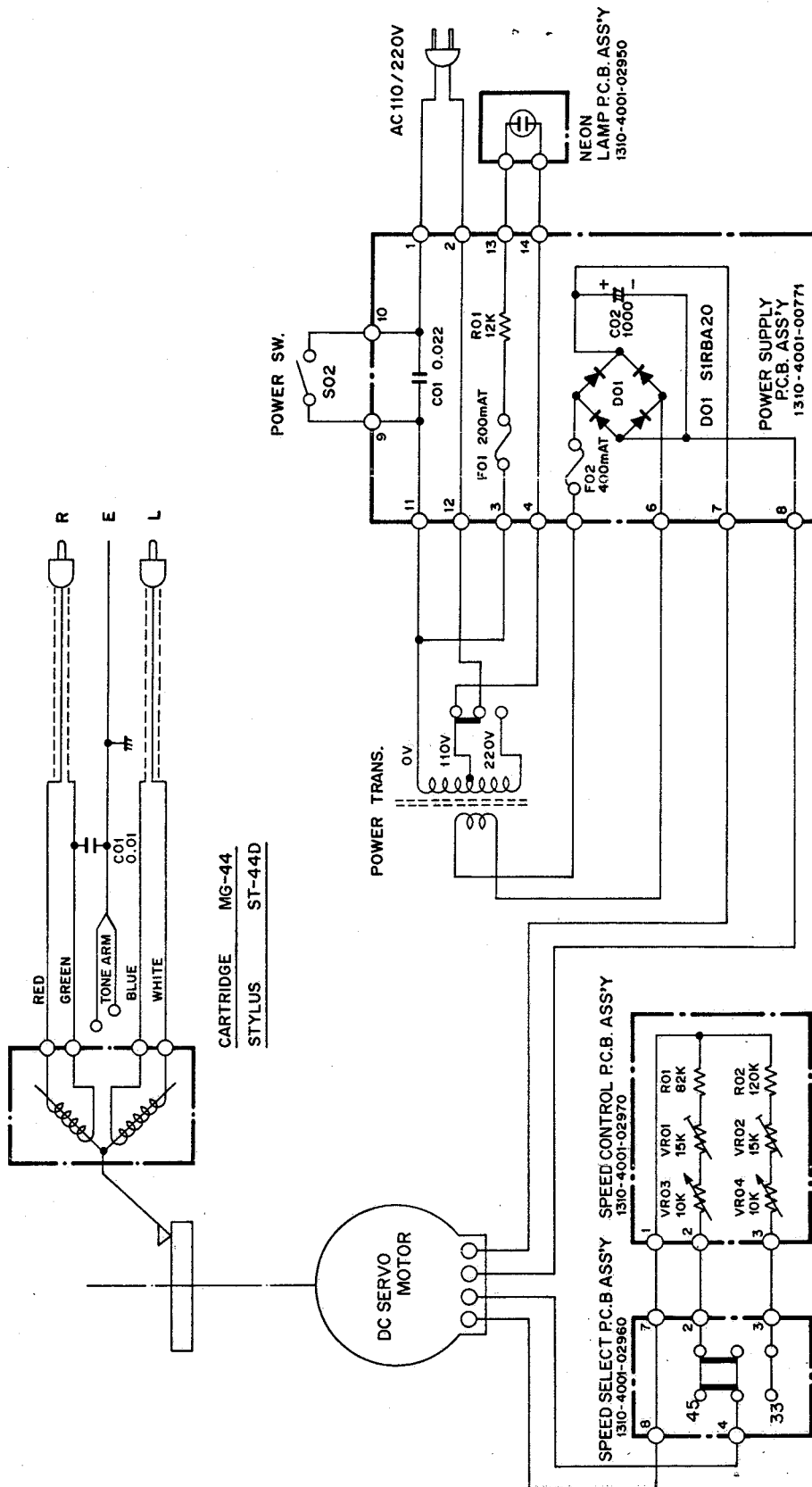
SPEED CONTROL P.C.BOARD



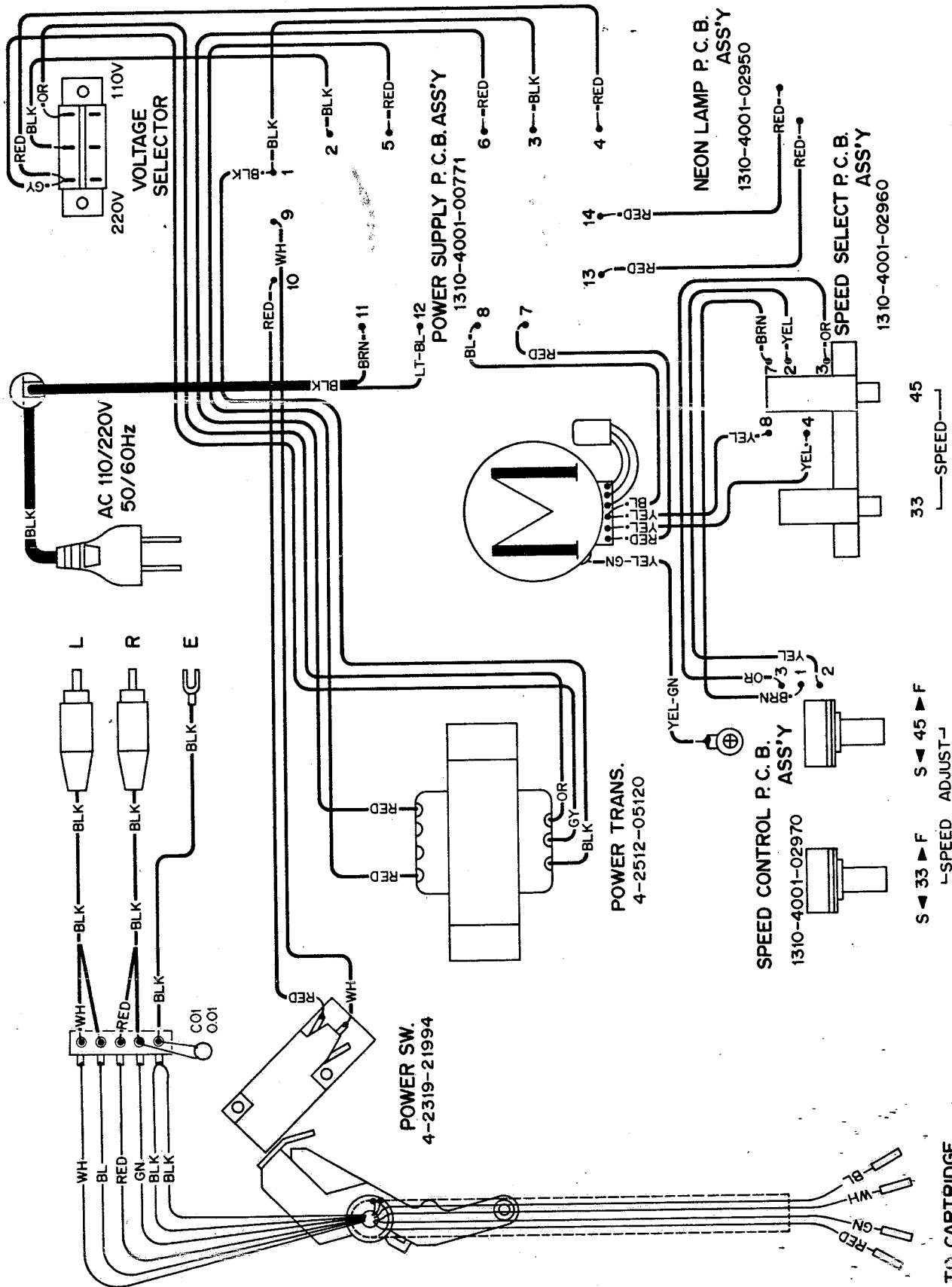
POWER SUPPLY P.C.BOARD



SCHEMATIC DIAGRAM



POINT TO POINT WIRING DIAGRAM



PARTS LIST

PARTS LIST

PACKING PARTS LIST

Ref. No.	Parts Number	Description
	131 6 1139 79400	Box Corrugate-EXP
	131 6 2119 01362	Bag Polyethylene-EXP (Cabinet)
	131 6 2119 01690	Bag Polyethylene-EXP (Lid)
	131 6 2519 01300	Bag Polyethylene-EXP Ind.
	131 6 3009 27520	Pad (Lid Top)
	131 6 3009 29180	Pad (Right)
	131 6 3009 29190	Pad (Left)

ACCESSORIES PARTS LIST

Ref. No.	Parts Number	Description
	131 6 2279 10801	Bag Fan
	131 6 4119 77700	Explanatory Booklet
	131 6 4519 15700	Guarantee Certificate
	134 2 2301 10700	Adapter EP

CABINET PARTS LIST

Ref. No.	Parts Number	Description
1	131 0 2022 90220	Lid Assy
2	131 2 2904 13000	Pad Lid
3	131 0 2002 15000	Hinge Assy (Lid)
4	131 2 1101 41800	Cabinet
5	131 2 1105 24600	Plate Bottom
6	131 0 1003 13500	Leg (Plate Bottom)
7	131 2 1310 30217	Name Plate (Cabinet Rear)
8	131 2 1601 56800	Knob (Speed Select)
9	131 2 1601 56900	Knob (Speed Adjust)
10	131 2 1601 56000	Knob (Reject)
11	131 2 6111 21300	Bushing (SR-4P/1AC Cord)
12	131 2 6308 18101	Filter (Stroke Filter)
13	134 2 5102 13900	Spring Mounting (Leg, Left-Rear)
14	134 2 5102 13901	Spring Mounting (Leg, Right-Front)
15	134 2 5102 13902	Spring Mounting (Leg, Right-Front)
16	131 2 3608 11000	Cramp Wire (Phono Cord)
17*	131 2 4202 12900	Flange Nut

TURNTABLE PARTS LIST

Ref. No.	Parts Number	Description
	131 2 4201 19502	Screw (Screw, Button Head Tapping B-TITE 3) 21-9
	131 2 3610 10401	Lug Egg Like (Unit Plate)
	131 2 4220 10600	Ring Snap (Spindle Turntable)
	134 2 6101 12501	Turntable
	134 2 6101 14400	Spindle Turntable (Unit Plate)
	134 2 6302 10800	Belt (Turntable)
	134 0 6022 12200	Plate PU Fix Assy
	134 0 6030 11301	Gear Cycling Assy
	134 2 4110 11100	Gear Cycling
	134 2 4122 11800	Trip
	134 2 4122 12000	Trip
	134 0 6033 11600	Return Plate Assy
	134 2 4203 21800	Angle Mount (Reject Angle)
	134 2 4108 21000	Plate (Switch Plate)
	134 2 4108 24500	Plate (Reject Angle)
	134 2 4112 01200	Red (Reject Rod)
	134 2 4120 18200	Lever (Reject Level)
	134 2 4120 18300	Lever (Pick-up)
	134 2 4123 19100	Arm (Return Arm)
	134 2 4124 12200	Cum (Return Adjust)
	134 2 5101 20500	Spring (Pick-up)
	134 2 5101 28000	Spring (Return Plate)
	134 2 5101 30700	Spring (Reject)
	134 2 5101 30800	Spring (Switch Plate)
	131 2 4220 10201	Ring Snap

TURNTABLE PARTS LIST

Ref. No.	Parts Number	Description
	131 2 4201 19501	Screw (Screw, Button Head Tapping B-TITE 3) 32-2
	134 0 6042 10700	Holder Pick-up
	134 2 1601 18200	Knob (Cueing)
	134 2 3301 13500	Armrest
	134 2 4108 24400	Plate (Cueing Plate)
	134 2 4116 11800	Spindle Lifting
	134 2 4120 18400	Lever (Cueing)
	134 2 4121 12000	Guide (Cueing Lever)
	134 2 4201 13200	Screw M3x16 (Support Arm Adj.)
	134 2 5103 10900	Spring (Spindle Lifting)
	104 3 1102 60000	Nut, Hex Head 1.2, 6
	108 3 1102 00000	Ring E 2.0
	131 2 4201 20703	Screw (Screw, Button Head Tapping B-TITE 3) 45-1

Ref. No.	Parts Number	Description
	131 2 4201 19503	Screw (Screw, Button Head Tapping B-TITE 3) 69-2
	4 2512 05120	Power Transformer
	134 2 6103 11501	Mat Turntable
	4 2372 00260	Terminal Lug 1.4PL
	CIHYDZ103A	Ceramic 0.01 μF 50V +80-20%

Ref. No.	Parts Number	Description
	131 2 4201 19505	Screw (Screw, Button Head Tapping B-TITE 3) 65-2
	131 0 4001 02950	Neon Lamp P.C.B. Assy
	4 6129 20795	Neon Lamp (100V 5mA)
	131 0 4001 02970	Speed Control P.C.B. Assy
	4 2222 00710	VR 15K-B
	4 2222 01130	VR 10K-Bx1
	R2EDPJ124A	Carbon 82K 1/4W ±5%
	131 0 4001 00771	Power Supply P.C.B. Assy
	4 2359 23060	Socket
	4 2372 00060	Receptacle
	4 2349 20960	Fuse 0.2A
	4 2349 20131	Fuse 0.4A
	C2EHRM223A	Metallized Prepar. 0.022 μF 250V ±20%
	C10RE-108A	Electrolytic 1000 μF 16V
	SEMICONDUCATORS	
	DDD-STRBA20	Diode Bridge 1A
	RESISTORS	
	R3AXBJ123A	Oxide Metal Film 12k ohm 1W ±5%

Note: * Asterisk indicates not a service part.
The numbers for screws, nuts, and washers, shown in Description, correspond with Ref. Nos. of the parts using these screws, nuts and washers.

Example: 3 means Ref. No. 2 means Qty.

EXPLODED VIEW OF CABINET & TURNTABLE

