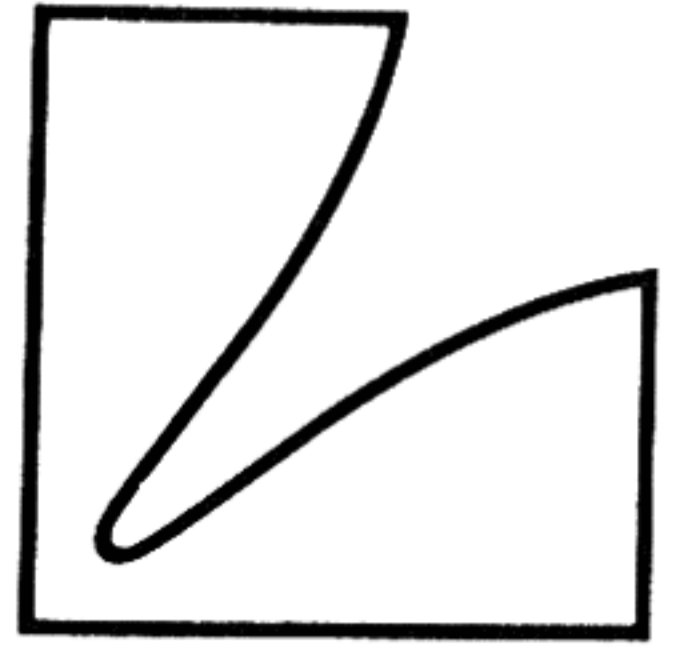


SERVICE MANUAL



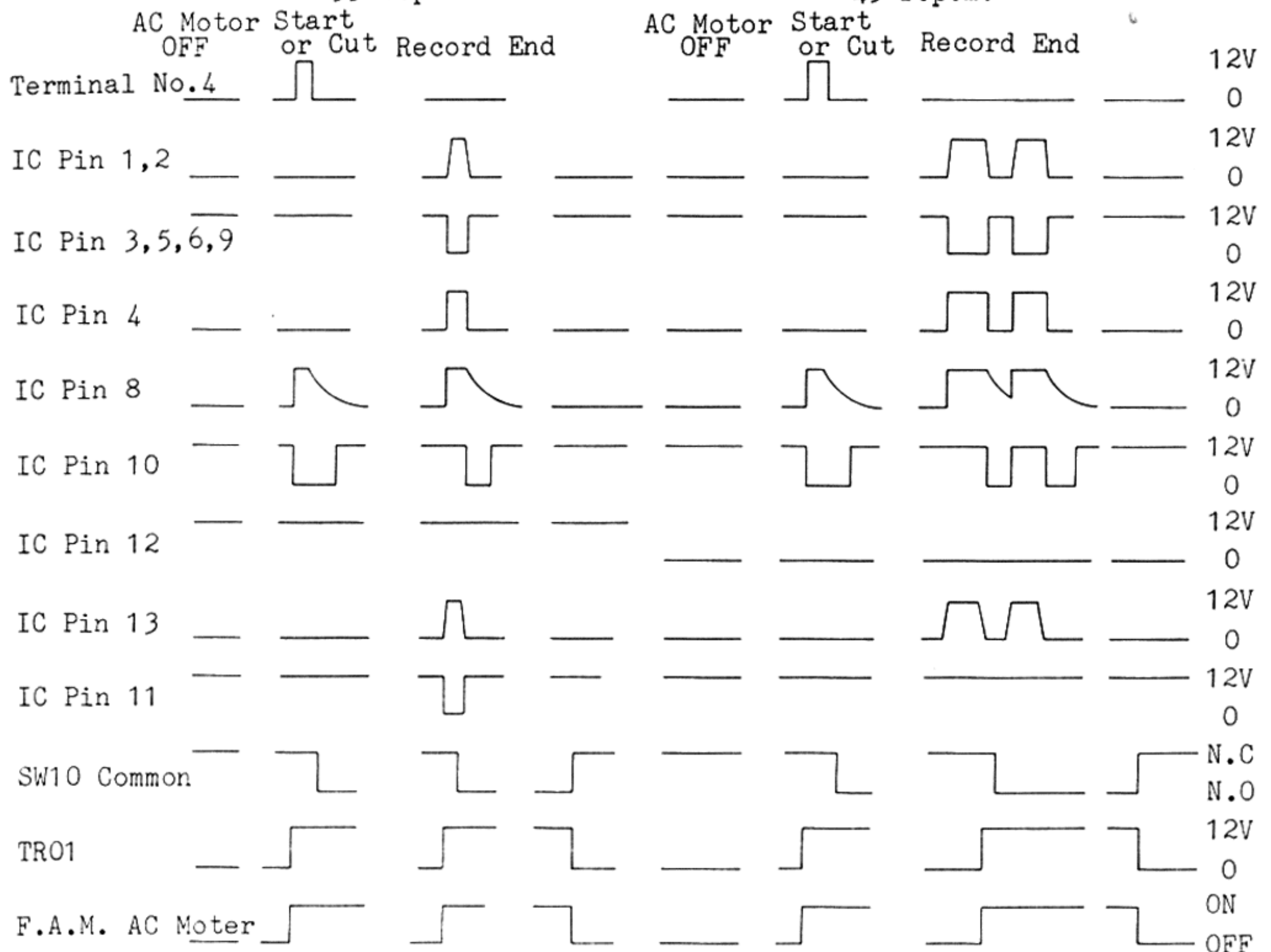
VACUUM DISC STABILIZER
FULLY AUTOMATIC TURNTABLE **PD-375**



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 SPECIFICATIONS

FULL AUTO MECHA. CIRCUIT TIMING CHART
 33 r.p.m. 45 r.p.m.



EXPLANATION ABOUT FULL-AUTO MECHANISM

- (1) Normal (Power SW ON only in Play)
Only NAND Gate input 12 is different between 33 r.p.m. and 45 r.p.m.
- (2) Put on START/CUT Button
NAND Gate output 10 shall be OV, and TRO1 and AC motor shall be ON.
As soon as AC motor has been ON, SW 10 shall rotate until TRO1 becomes OFF after SW 10 on the cam at the final stage has again turned over and the cam at the final stage has turned over half.

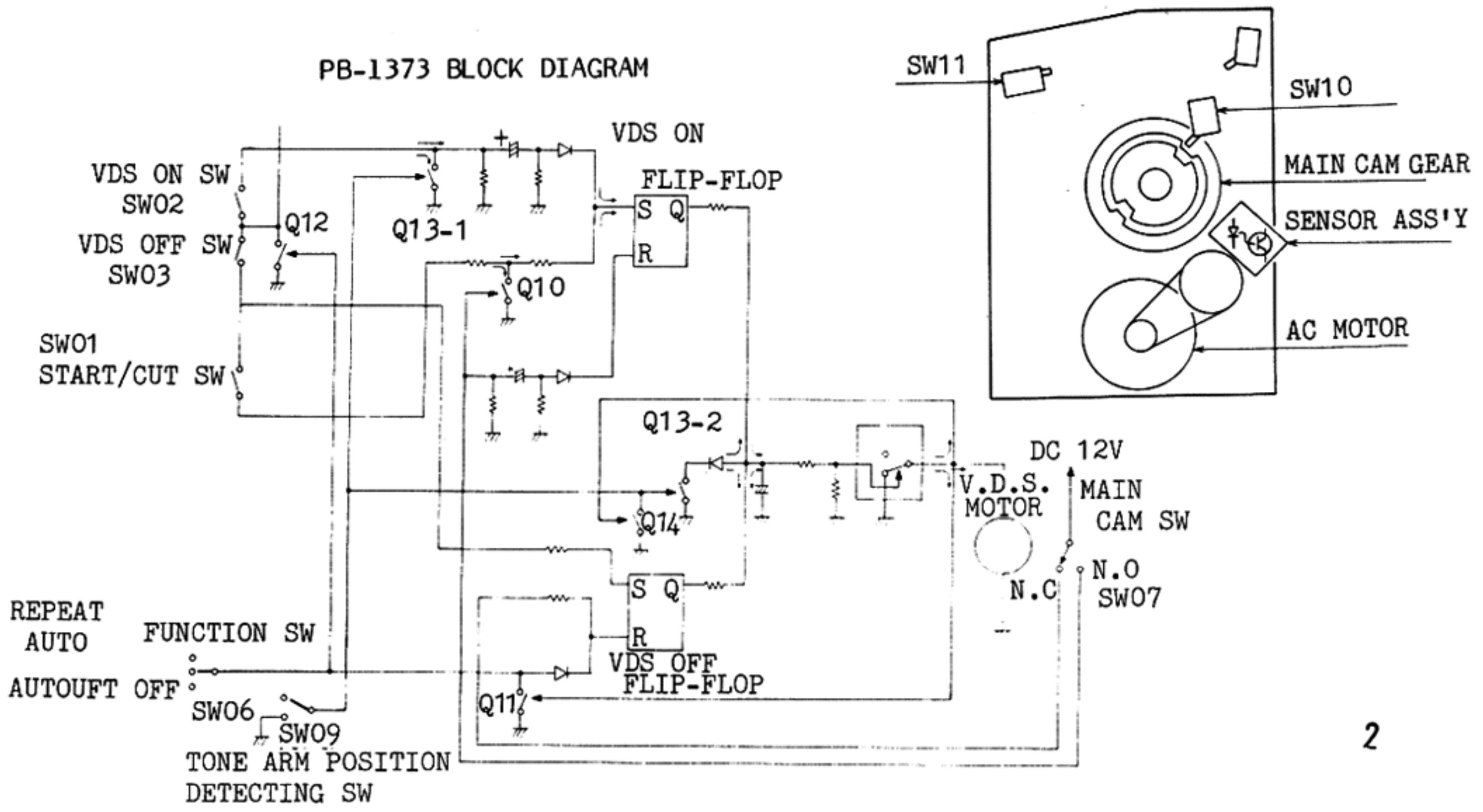
- (3) Record End
As inside most diameters of LP and EP Grooves are different each other, operation is also different (Its change can be done by individual r.p.m.)

33 r.p.m.
When the slit of Rester Lever comes into Sensor Assembly and the photo transistor becomes ON by L.E.D. light, NAND Gate output 11 shall be ON and AC motor Shall begin to rotate.

45 r.p.m.
When the slit of Rester Lever comes into Sensor Assembly with a photo transistor's being ON and the tonearm reaches the inside most with the slit's shutting off L.E.D. light and eventually the photo transistor's being OFF, NAND Gate output 10 shall be OV and AC motor begins to rotate.
(On this occasion when the tonearm returns, the slit of Rester Lever again passes through Sensor Assembly and the above mentioned signal shall be input. However, it is not directly related since AC motor is in operation by SW 10.)

- (4) Repeat
When the tonearm returns to the armrest in REPEAT mode, 12V shall be loaded to the 6P connector by SW 11 and same operation shall be made as in case of pressing START/CUT button.

REMARKS: As mentioned above be careful for any light from outside to come especially into Sensor Assembly when you are repairing since this full-auto mechanism is optical one.



EXPLANATION ABOUT TRANSISTOR'S

Q 10 2SC945

When the rotation started by depressing the "Start/Cut" button after the suction by V.D.S. button, this transistor works to cancel the set signal to FLIP-FLOP circuit of " V.D.S. on ".

---This prevents the mis-suction when the suction operates again once already sucked.

Q 11 2SC945

When the mode is set at " REPEAT ", the reset signal comes into the V.D.S. off FLIP-FLOP circuit. While the V.D.S. motor is rotating, this transistor operates to cancel this very reset signal until the motor stops rotating by the reset signal coming from SW-07 at the main cam.

---When the mode is set at " REPEAT " while V.D.S. motor is rotating, no problem to activate "V.D.S. on ". But when the "V.D.S. off " is depressed, V.D.S. motor stops rotating on the way, and the platter is locked. This transistor was adopted to avoid this trouble.

While the reset signal of V.D.S. off FLIP-FLOP circuit is to delete memory of V.D.S. off.

Q 12 2SC945

This works to cancel DC 12V fed into V.D.S. switch at the "REPEAT" mode.

---This transistor is used so that the V.D.S. on/off switch should not operate at " REPEAT " mode.

Q 13-1 2SC945

This operates to cancel not the set signal to be fed to V.D.S. off FLIP-FLOP circuit but the set signal to V.D.S. on FLIP-FLOP circuit except in the case that the tonearm is put on the arm rest position by the tonearm position detecting switch 09.

Q 13-2 2SC945

This operate to cancel the output coming from " V.D.S. on/off " FLIP-FLOP circuit so that the V.D.S. motor should not rotate except when the tonearm is at the arm rest by the tonearm detector switch 09.

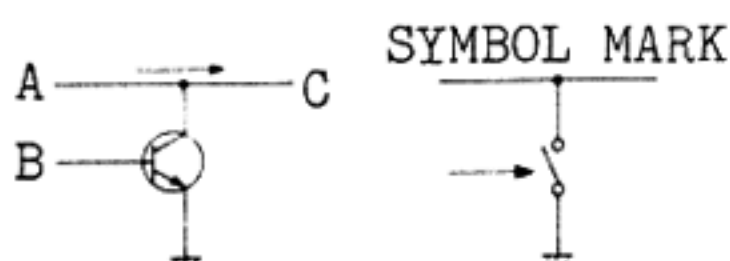
While when the " V.D.S. off " FLIP-FLOP circuit is set on, the V.D.S. operation starts after the tonearm get back to arm rest position.

---This transistor is adopted so that the platter should not be mechanically locked even if "V.D.S. on/off " button is switched on while playing.

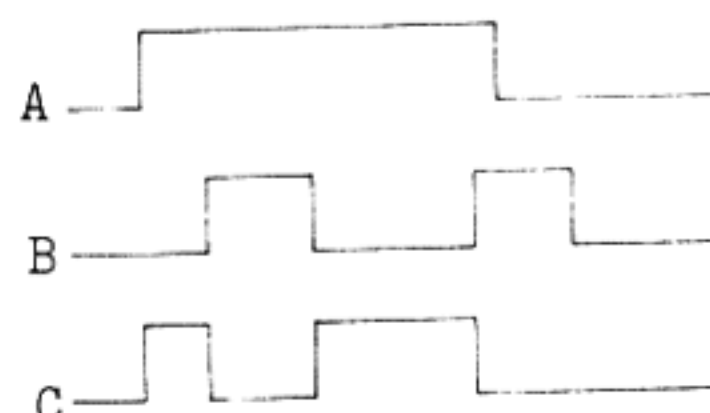
Q 14 2SC945

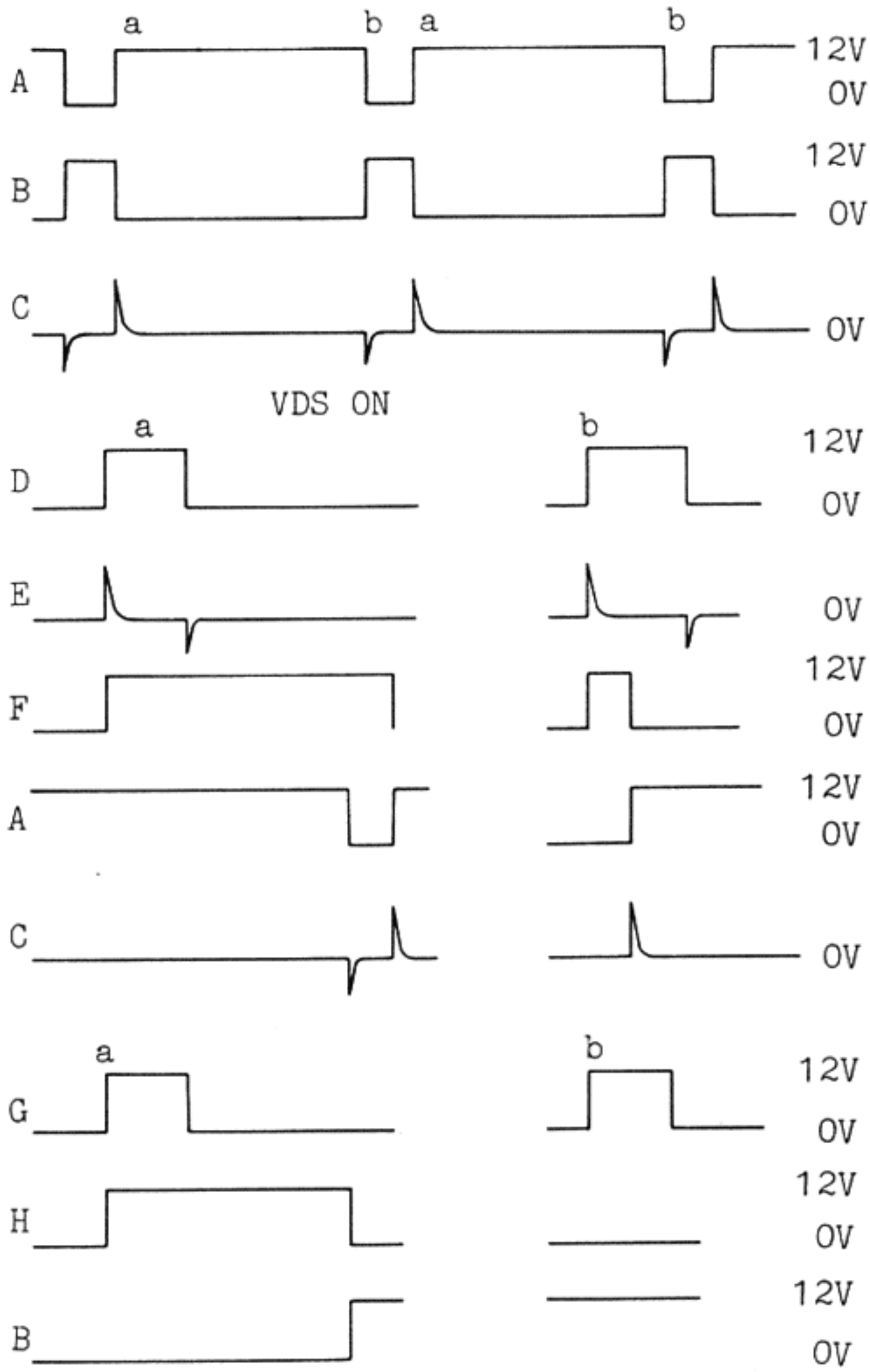
When the tonearm left from the arm rest, the output of V.D.S. on/off FLIP/FLOP circuit is cancelled by Q 13-2. While the tonearm is placed at the arm rest, V.D.S. operation starts, and even if the tonearm left the arm rest before the V.D.S. operation completes, this transistor works to cancel this blocking signal until the V.D.S. operation is achived.

MUTING CIRCUIT (CANCEL CIRCUIT)

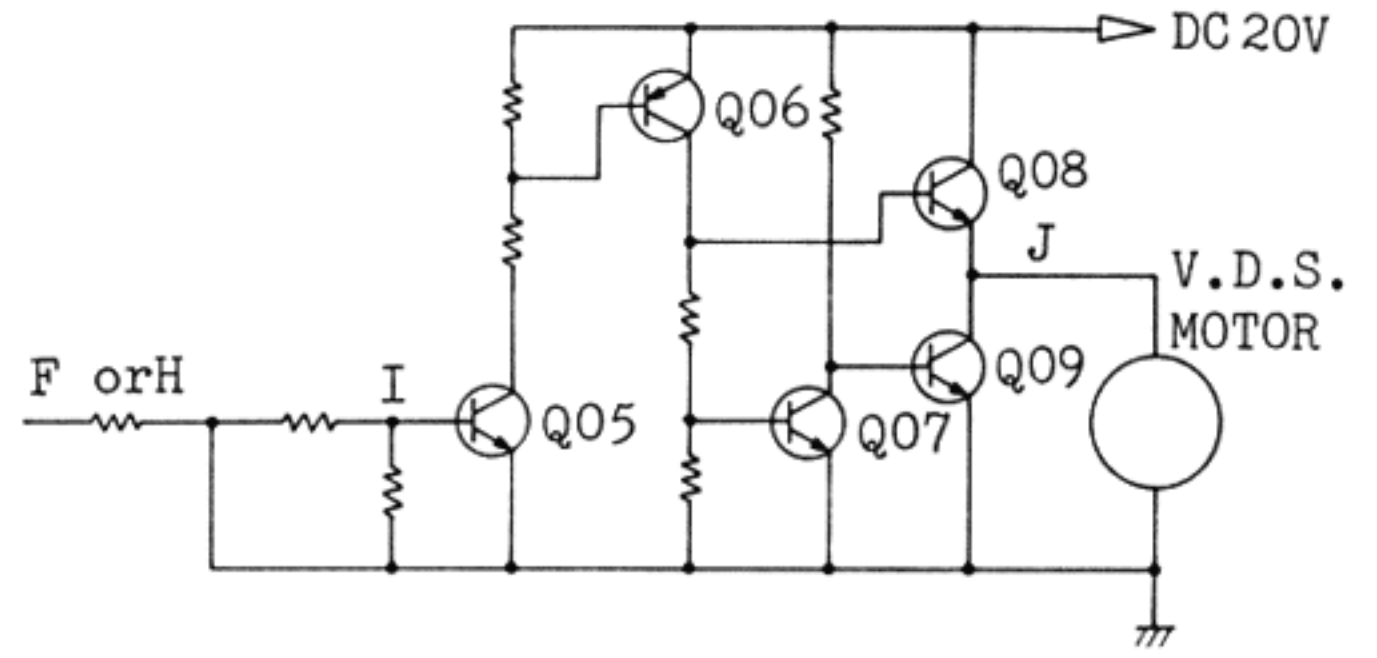


MUTING CIRCUIT TIMING CHART

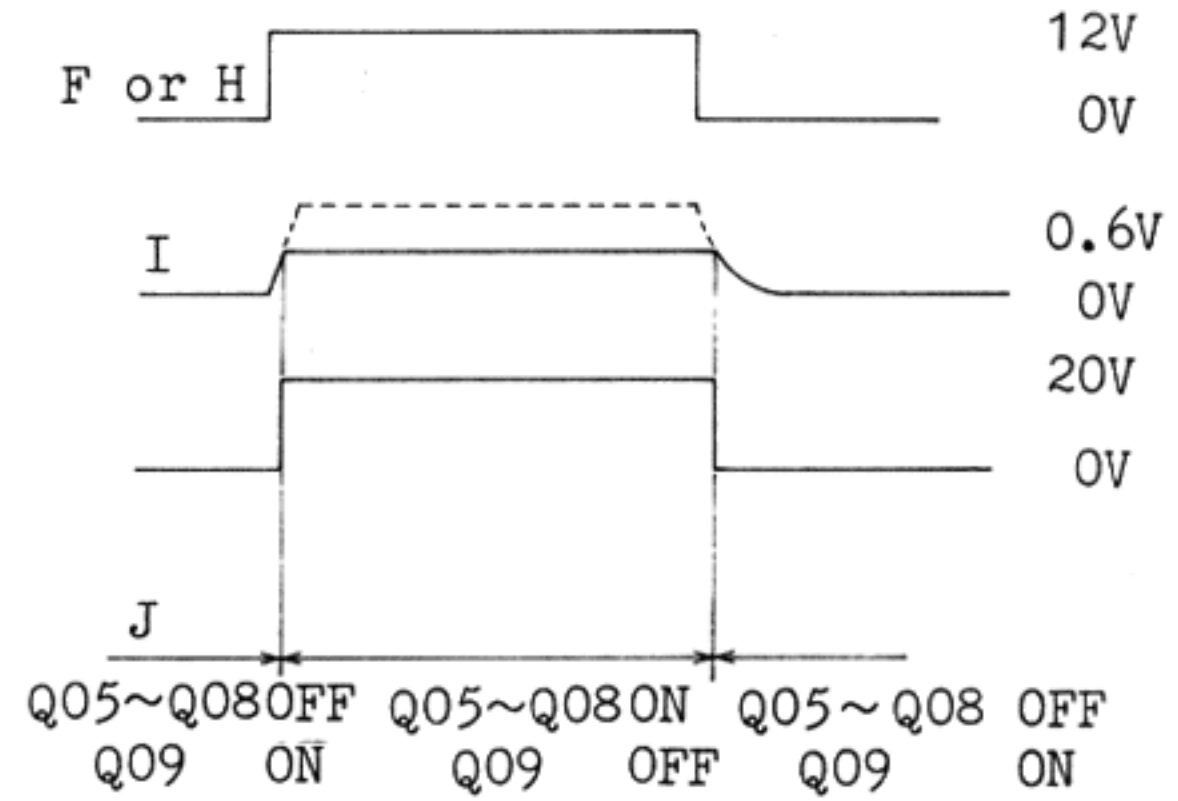




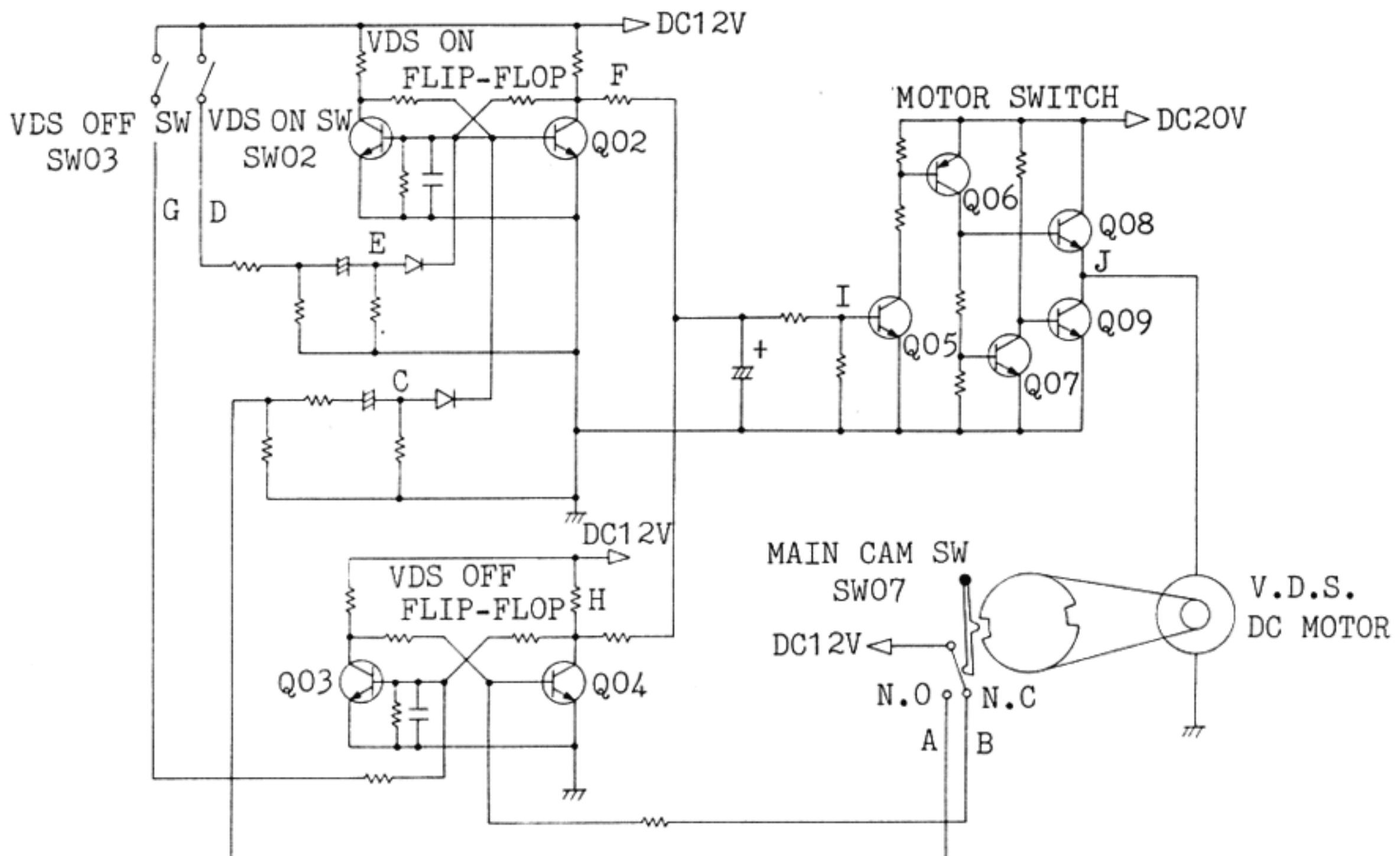
MOTOR SWITCH CIRCUIT



MOTOR SWITCH CIRCUIT TIMING CHART



PB-1373 CIRCUIT DIAGRAM



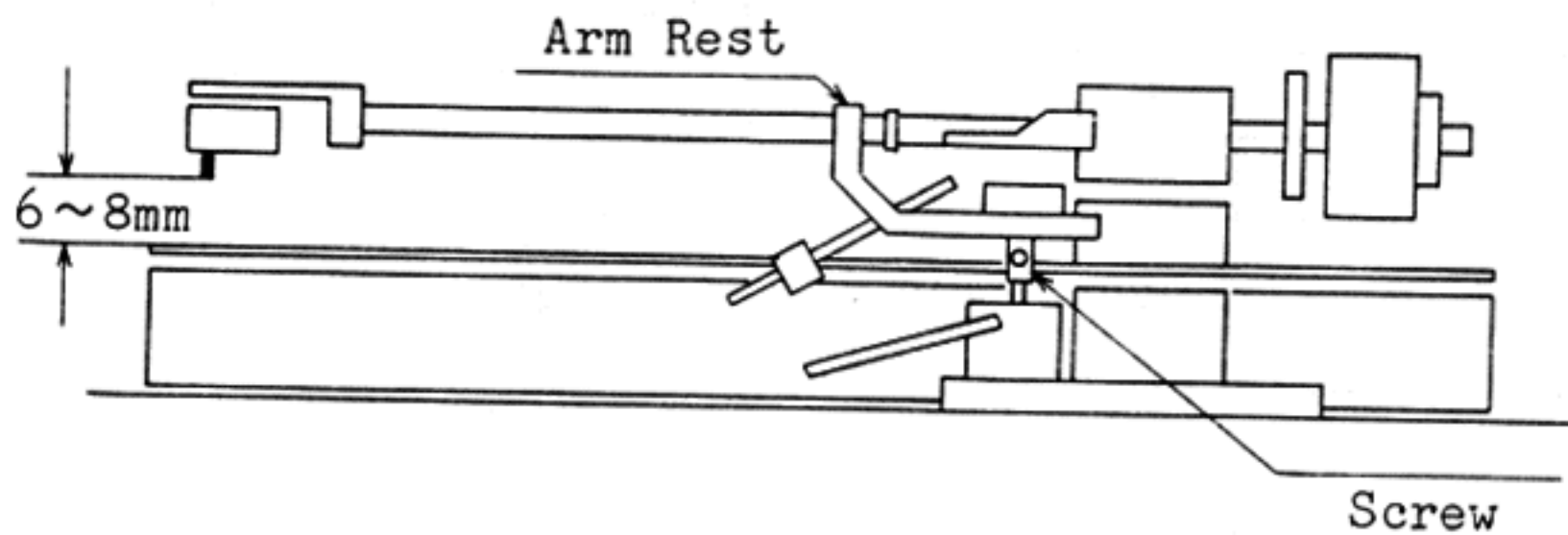
FULL-AUTO MECHANISM ALIGNMENT PROCEDURES

The re-alignment may be required due to the probable deviation in the measurements of the cartridge and disc employed although the complete alignment is already made at the factory side.

(1) Height adjustment of Arm-Lifter

- a. Set the disc sucked and put the unit into the playback mode.
- b. Loosen the fixing screw for arm-lifter, and adjust the height so that the clearance between the stylus tip and surface of the disc could be procured by about 6--8mm.

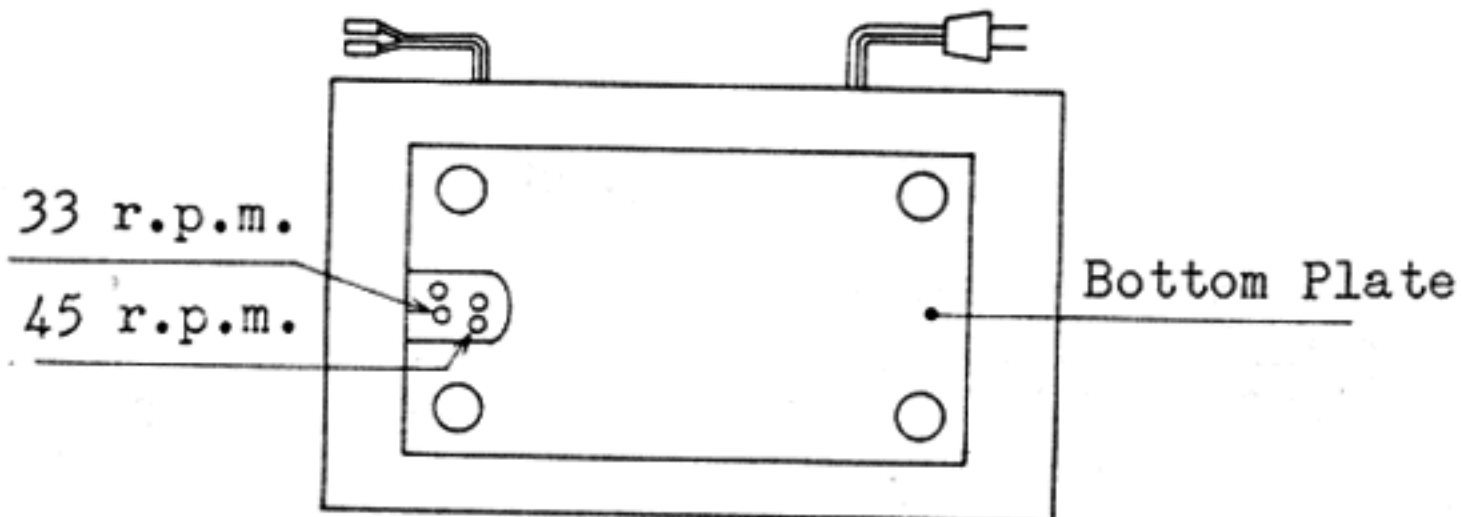
Remarks: Proceed this alignment so that the tone-arm should not be hooked by the arm-rest.



(2) Lead-In Adjustment

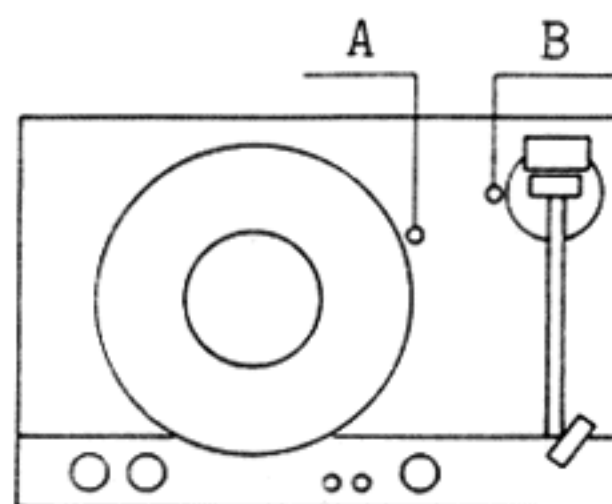
- a. Obtain the playback mode, and press the Start/Cut switch.
- b. Insert the (-) driver from the holes as illustrated in the drawing, and adjust the Lead-In position by rotating the eccentric pin.

33 r.p.m. and 45 r.p.m. can be adjusted separately.



(3) Lead-Out Adjustment

- a. Insert the (+) driver from the (A) as depicted, and loosen the screw for the sensor assembly.
- b. Insert the (-) driver from the hole (B) as shown in illustration, and adjust the Lead-Out position by moving the position of sensor assembly.
- c. After adjustment, fasten the same screw explained in the step (3)-a.



FULL-AUTO MECHANISM CIRCUIT ALIGNMENT PROCEDURES

There happen to be eccentric record discs among those which are available in markets and in case these eccentric ones are used for playing, the wave form will be as per Fig. 1 when the rester lever slit passes through the light axis of the sensor.



Fig.1

When eccentricity is remarkable, the wave form reads as per Fig. 2 and mis-operation shall be caused as for EP discs.

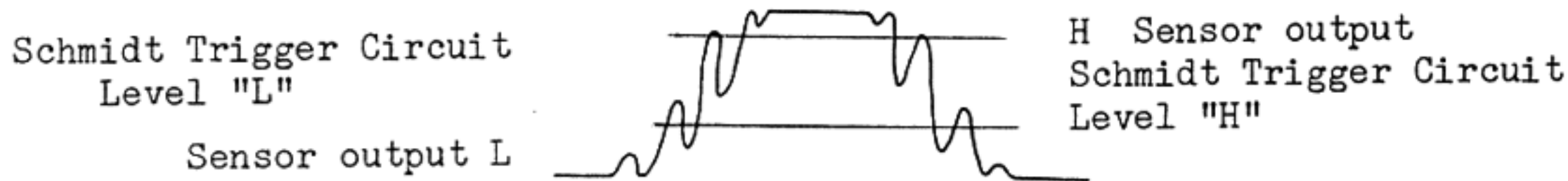


Fig.2

As return action is made on EP discs when output of schmidt trigger circuit comes to be "L" from "H", mis-operation shall be caused at the portion of the enlarged curve in Fig. 2.

So, prevent from mis-operation, make the hysteresis as wide as possible and adjust output level of the sensor to it.

Widening of the hysteresis in schmidt trigger circuit will be efective to prevention of outcoming noises, etc.

Adjustments of the hysteresis and output level of the sensor are made respectively by the VR02 and VR01 as far as the present circuit is concerned.

In the actual procedures firstly adjust the hysteresis and secondly output level of the sensor.

The hysteresis is not always same since threshold value of IC's varies depending on IC's to be used.

So, at first adjust "H" level of schmidt trigger circuit to $(x-0.8)V$ by the VR02 when output of the sensor is "H" (saturated state, provided to be xV), and at this point "L" level (provided to be yV) of schmidt trigger circuit shall be decided.

Secondly adjust "L" level of output of the sensor to $(y-0.6)V$ by the VR01.

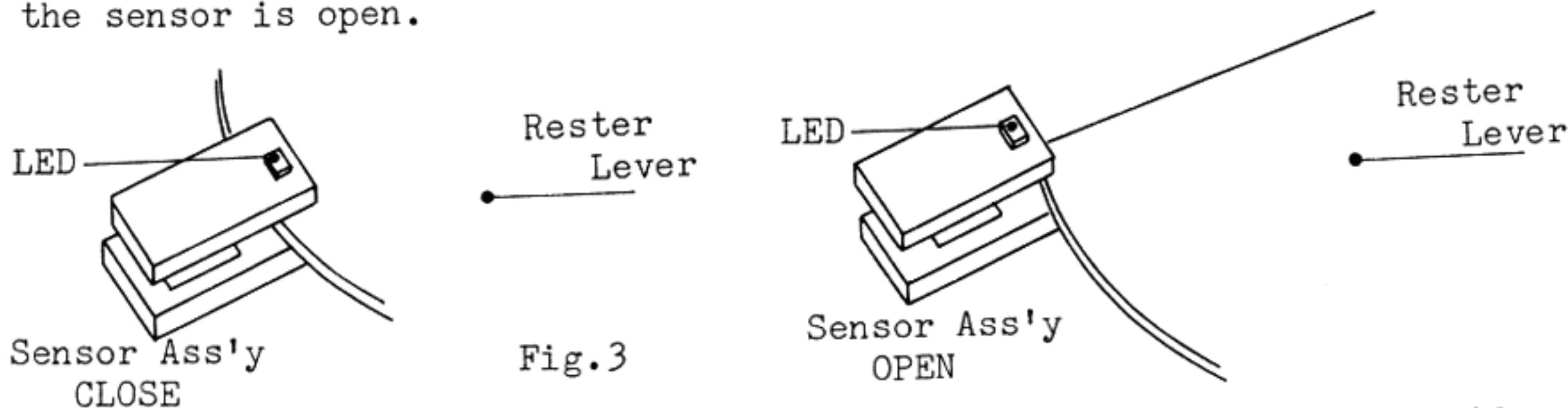
Above is all for adjustment.

Remarks: As to "H" level difference by 0.8V is made between threshold values of the sensor output and schmidt threshold, and as to "L" level difference by 0.6V between the threshold values. Those values are decided in consideration of changes in temperature, humidity and time process and other drifts as well.

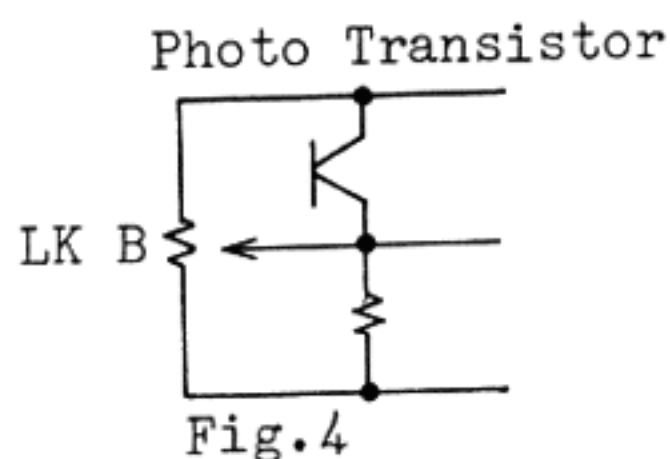
P.C.B. ALIGNMENT PROCEDURES

Set voltage for adjustment at 11.5 +0.1V with use of an EP disc and prevent the sensor from receiving external light.

1. Adjustment of the VR02 (adjustment of the hysteresis in schmidt trigger circuit).
 - a. Make preliminary adjustment of the VR02 not to make I.C. No.4 "H" from "L" when the sensor is open.



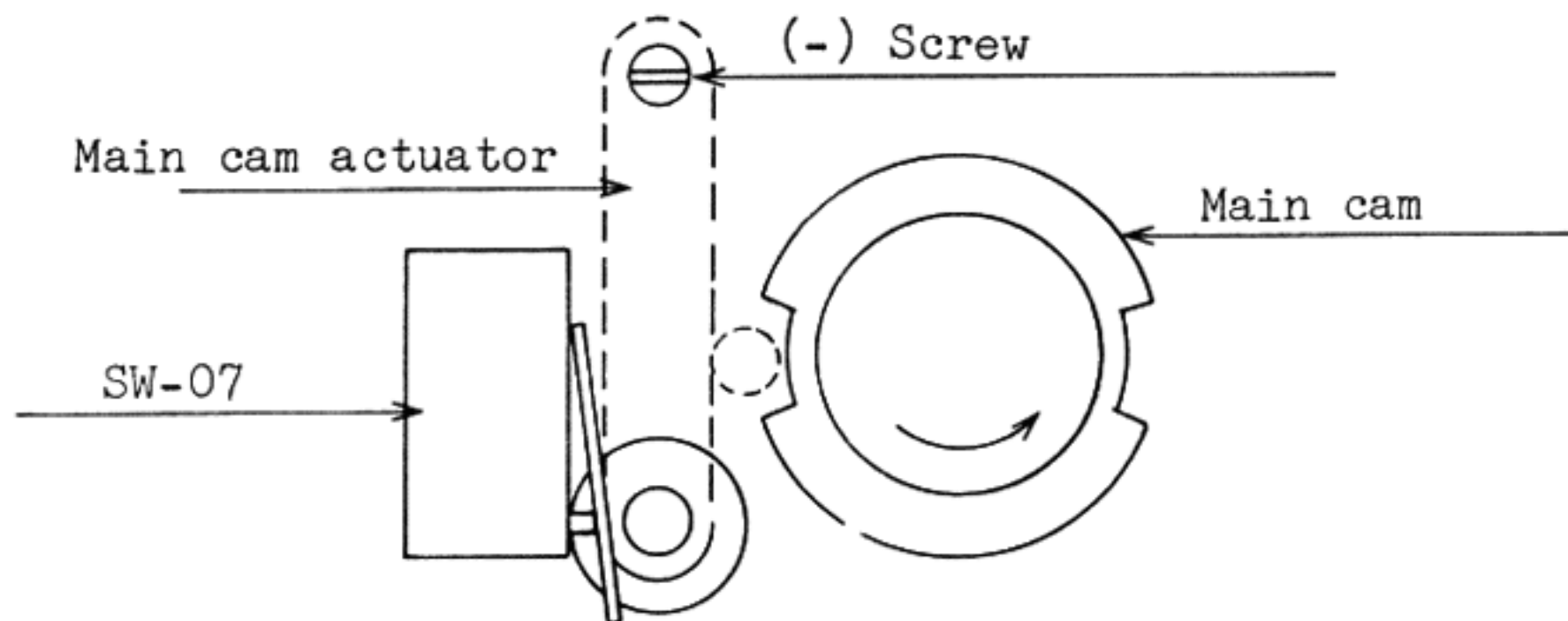
- b. Separate output of the sensor as per the Fig.4 below and put a variable resistor externally to give output of the sensor voluntarily.



- c. Measure "H" of output of the sensor (provided to be V) at the foregoing step a and give voltage of (V -0.8V) at the foregoing step b.
 - d. At the foregoing step c adjust the VR02 to make I.C. No.4 "H" from "L".
 - e. Separate the external variable resistor.
2. adjustment of the VR01
 - a. Make preliminary adjustment of the VR01 not to make I.C. No.4 "L" from "H" when the sensor is made close from open.
 - b. Adjust the VR01 until I.C. No.4 becomes "L" from "H" when the sensor is made open from close. At this time read out output of the sensor and adjust the VR01 to make the output -0.6V right at the moment when I.C. No.4 has becomes "L" from "H".

ADJUSTMENT OF SW-07 (Main Cam SW)

This alignment is needed in the "play" mode when the charge lever cannot be opened sufficiently or the lever is going to shut again causing irregular noise or preventing the platter from turning due to the touch of lever shaft to the platter.



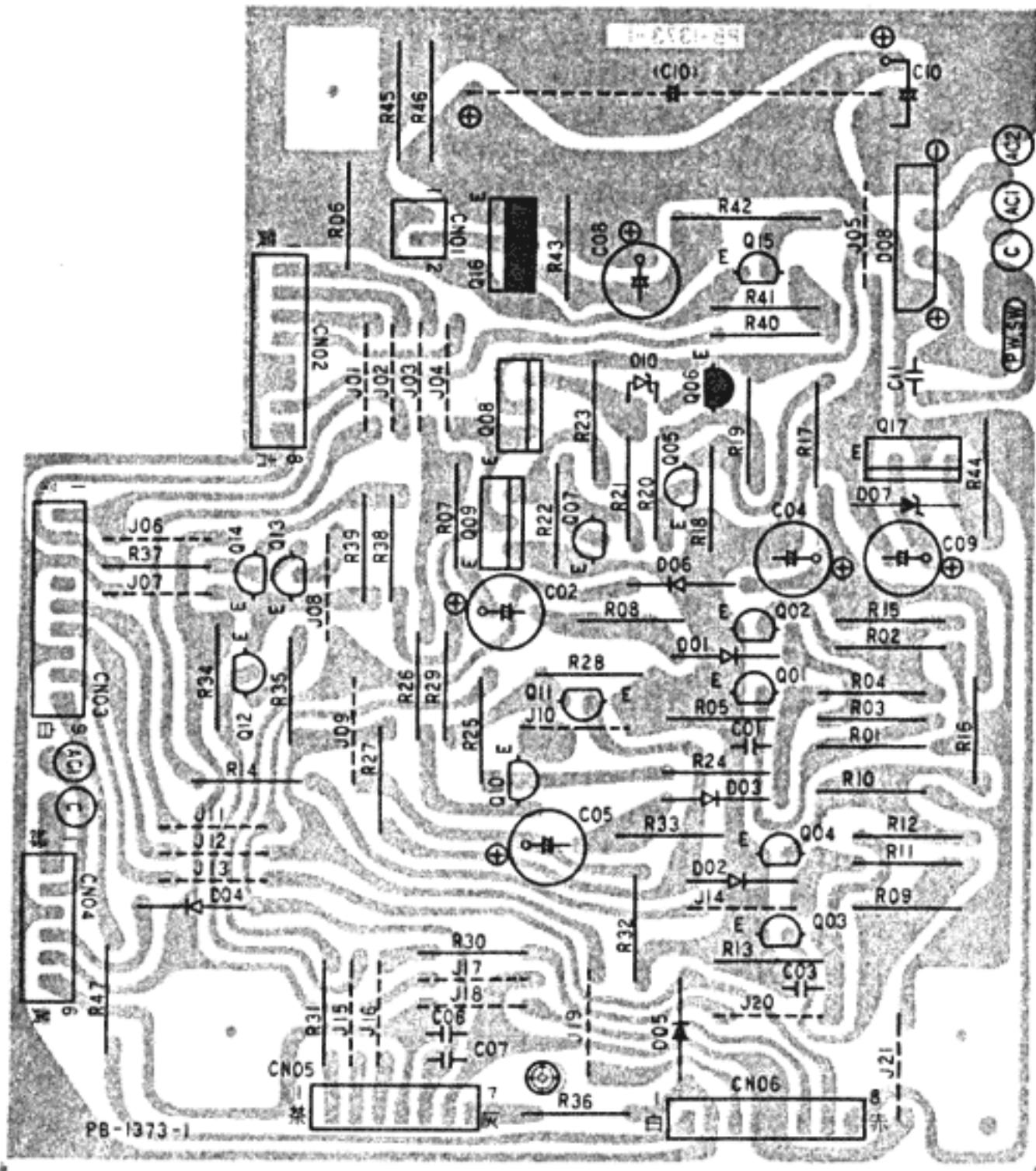
As the pivot of the main cam actuator is eccentric, you can change the timing of the SW-07 by turning the pivot with a (-) screw driver.

Adjust the main cam actuator so that the motor can stop when the charge lever is in the at most open status by pushing the V.D.S. on switch (SW02). However, as the pivot of main cam actuator plays the circular movement, there are two points having the same timing between the main cam and main cam actuator.

- 7 Be sure of choosing the very position which pushes the SW-07 more than the other. After adjustment, do not forget to put glue.

Remarks

Capacitor: My...Mylar, El...Electrolytic, Ce...Ceramic



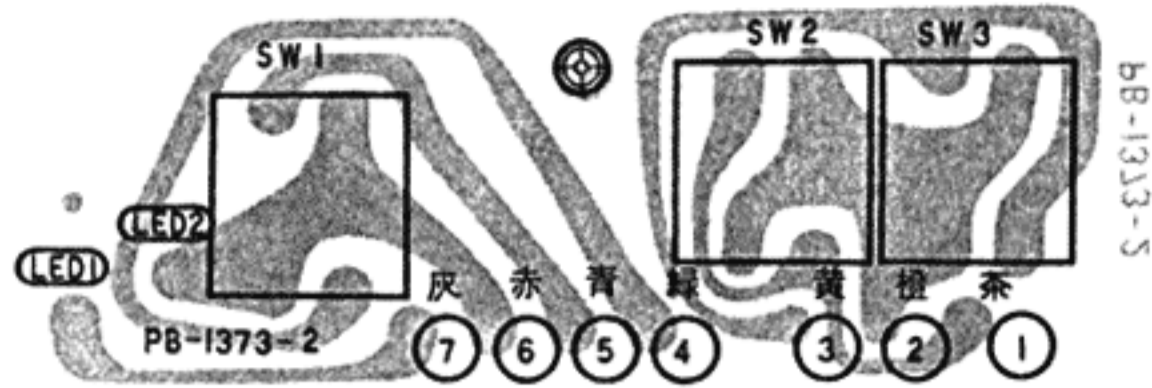
| Symbol No. | Stock No. | Description |
|--------------|-----------|------------------|
| (Transistor) | | |
| Q01 | TR0029 | 2SC945 |
| Q02 | TR0029 | 2SC945 |
| Q03 | TR0029 | 2SC945 |
| Q04 | TR0029 | 2SC945 |
| Q05 | TR0029 | 2SC945 |
| Q06 | TR0320 | 2SA992 |
| Q07 | TR0029 | 2SC945 |
| Q08 | TR0047 | 2SD235 or 2SD880 |
| Q09 | TR0047 | 2SD235 or 2SD880 |
| Q10 | TR0029 | 2SC945 |
| Q11 | TR0029 | 2SC945 |
| Q12 | TR0029 | 2SC945 |
| Q13 | TR0029 | 2SC945 |
| Q14 | TR0029 | 2SC945 |
| Q15 | TR0029 | 2SC945 |
| Q16 | TR0228 | 2SB435 or 2SB596 |
| Q17 | TR0047 | 2SD235 or 2SD880 |
| (Diode) | | |
| D01 | TD0214 | Silicon US1035 |
| D02 | TD0214 | Silicon US1035 |
| D03 | TD0214 | Silicon US1035 |
| D04 | TD0214 | Silicon US1035 |
| D05 | TD0001 | Silicon 1S4001 |
| D06 | TD0214 | Silicon US1035 |
| D07 | TD0027 | Zener WZ-120 |
| D08 | TD0139 | Bridge SIVB20 |

| Symbol No. | Stock No. | Description |
|-------------|-----------|-----------------|
| (Capacitor) | | |
| C01 | CK0157 | 0.04 uF 25WV Ce |
| C02 | CE1749 | 0.47 uF 50WV El |
| C03 | CK0157 | 0.04 uF 25WV Ce |
| C04 | CE1718 | 22 uF 16WV El |
| C05 | CE1749 | 0.47 uF 50WV El |
| C06 | CK0157 | 0.04 uF 25WV Ce |
| C07 | CK0157 | 0.04 uF 25WV Ce |
| C08 | CE1703 | 20 uF 6.3WV El |
| C09 | CE1720 | 47 uF 16WV El |
| C10 | CE1821 | 3300 uF 25WV El |
| C11 | CQ1325 | 0.01 uF 50WV My |

| Symbol No. | Stock No. | Description |
|-------------------|-----------|-------------|
| (Carbon Resistor) | | |
| R01 | RDO455 | 8.2K 1/3W |
| R02 | RDO455 | 8.2K 1/3W |
| R03 | RDO445 | 56K 1/3W |
| R04 | RDO447 | 39K 1/3W |
| R05 | RDO452 | 15K 1/3W |
| R06 | RDO445 | 56K 1/3W |
| R07 | RDO457 | 5.6K 1/3W |
| R08 | RDO445 | 56K 1/3W |
| R09 | RDO455 | 8.2K 1/3W |
| R10 | RDO455 | 8.2K 1/3W |
| R11 | RDO445 | 56K 1/3W |
| R12 | RDO447 | 39K 1/3W |
| R13 | RDO452 | 15K 1/3W |
| R14 | RDO449 | 27K 1/3W |
| R15 | RDO449 | 27K 1/3W |
| R16 | RDO449 | 27K 1/3W |
| R17 | RDO450 | 22K 1/3W |
| R18 | RDO450 | 22K 1/3W |
| R19 | RDO455 | 8.2K 1/3W |
| R20 | RDO450 | 22K 1/3W |
| R21 | RDO455 | 8.2K 1/3W |
| R22 | RDO457 | 5.6K 1/3W |
| R23 | RD2586 | 1.5K 1/2W |
| R24 | RDO452 | 15K 1/3W |

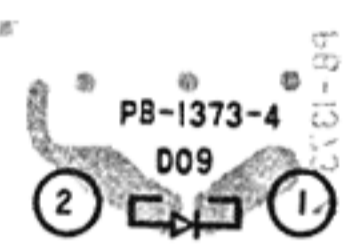
| | | |
|-----|--------|-----------|
| R25 | RDO455 | 8.2K 1/3W |
| R26 | RDO447 | 39K 1/3W |
| R27 | RDO453 | 12K 1/3W |
| R28 | RDO455 | 8.2K 1/3W |
| R29 | RDO446 | 47K 1/3W |
| R30 | RDO449 | 27K 1/3W |
| R31 | RDO449 | 27K 1/3W |
| R32 | RDO455 | 56K 1/3W |
| R33 | RDO445 | 56K 1/3W |
| R34 | RDO464 | 1.5K 1/3W |
| R35 | RDO448 | 33K 1/3W |
| R36 | RDO465 | 1.2K 1/3W |
| R37 | RDO444 | 68K 1/3W |
| R38 | RDO444 | 68K 1/3W |
| R39 | RDO455 | 8.2K 1/3W |
| R40 | RDO450 | 22K 1/3W |
| R41 | RDO450 | 22K 1/3W |
| R42 | RS5028 | 1.2K 1 W |
| R43 | RDO447 | 39K 1/3W |
| R44 | RD2578 | 680 1/2W |
| R45 | RD2588 | 1.8K 1/2W |
| R46 | RD2588 | 1.8K 1/2W |
| R47 | RDO466 | 1K 1/3W |

PB-1373-2 PARTS LIST



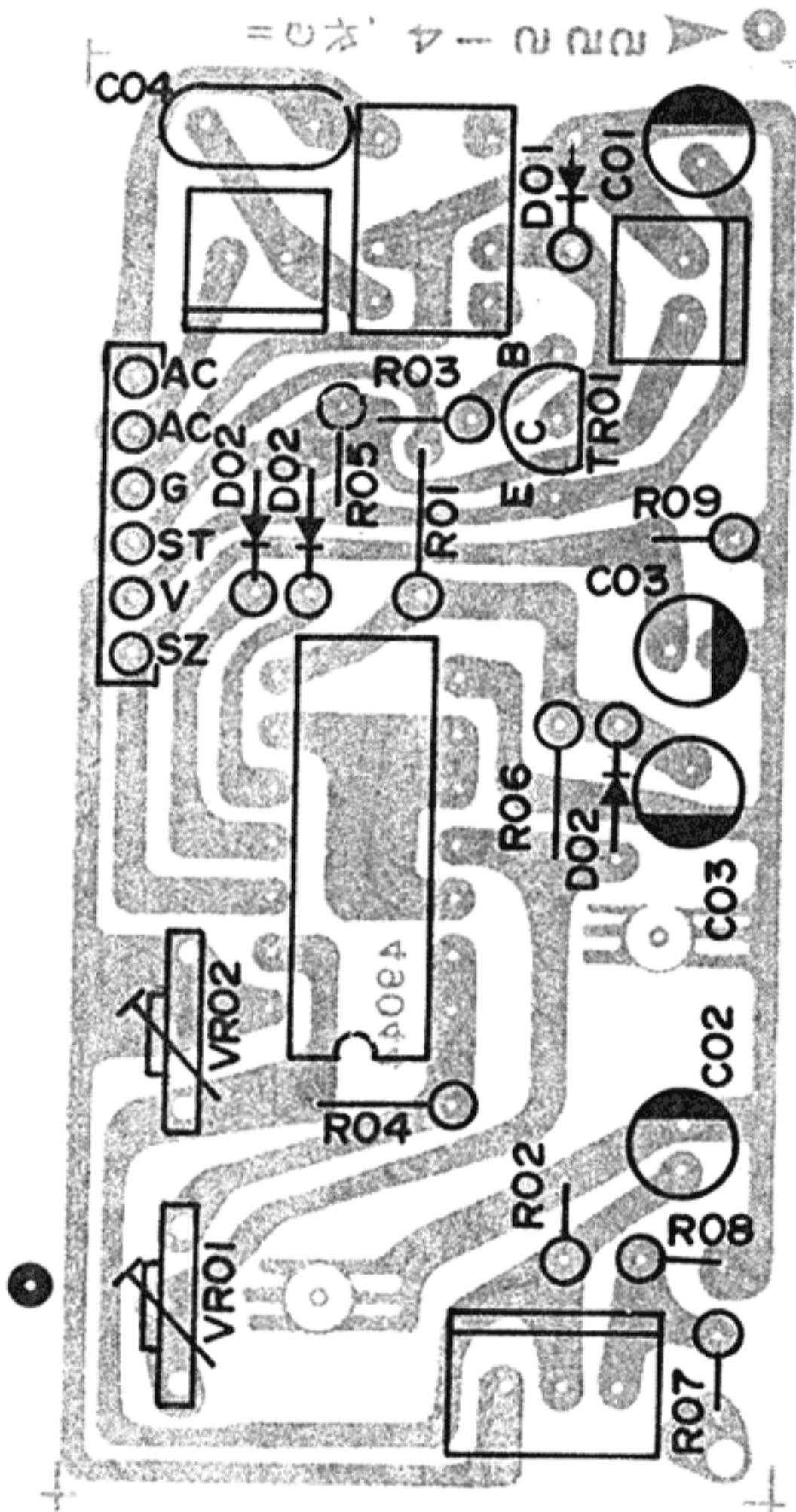
| Symbol No. | Stock No. | Description |
|------------|-----------|-------------|
| (Switch) | | |
| SW01 | SP0190 | Start Cut |
| SW02 | SP0190 | V.D.S. On |
| SW03 | SP0190 | V.D.S. Off |

PB-1373-4 PARTS LIST



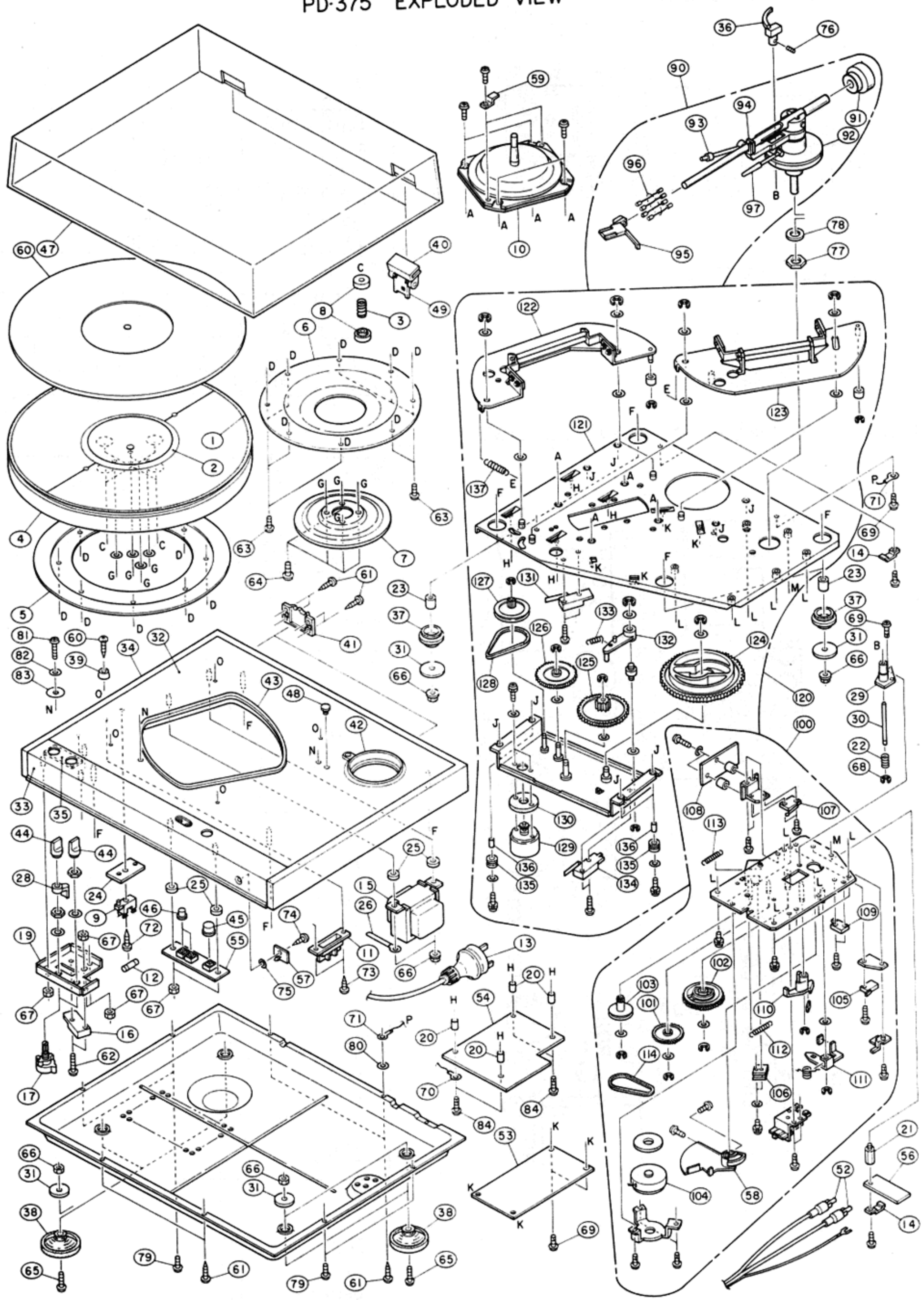
| Symbol No. | Stock No. | Description |
|------------|-----------|-------------|
| (L.E.D.) | | |
| D09 | TD0196 | SLR-30UR |

FULL-AUTO MECHA.P.C.B.PARTS LIST



| Symbol No. | Stock No. | Description |
|--------------------------|-----------|--------------|
| (Transistor) | | |
| TR01 | TR0087 | 2SA1015 |
| (Diode) | | |
| D01 | TDQ0504 | 10D-1 |
| D02 | TD5012 | 1S953 |
| (Semi-Fixed Resistor) | | |
| VRO1 | RTQ0004 | 100K B |
| VRO2 | RTQ0004 | 100K B |
| (Carbon Resistor) | | |
| R01 | RD0043 | 1K 1/4W |
| R02 | RD0023 | 39K 1/4W |
| R03 | RD0030 | 10K 1/4W |
| R04 | RD0025 | 27K 1/4W |
| R05 | RD0017 | 100K 1/4W |
| R06 | RD0011 | 330K 1/4W |
| R07 | RD0043 | 1K 1/4W |
| R09 | RD0011 | 330K 1/4W |
| (Electrolytic Capacitor) | | |
| C01 | CE0819 | 33uF 16WV |
| C02 | CE0854 | 10uF 50WV |
| C03 | CE0853 | 4.7uF 50WV |
| (Mylar Capacitor) | | |
| C04 | CQ0013 | 0.022uF 50WV |
| (I.C.) | | |
| | TC0140 | TC4011BP |
| (Relay) | | |
| | | OUC-S-112D |

PD-375 EXPLODED VIEW



EXPLODED VIEW PARTS LIST

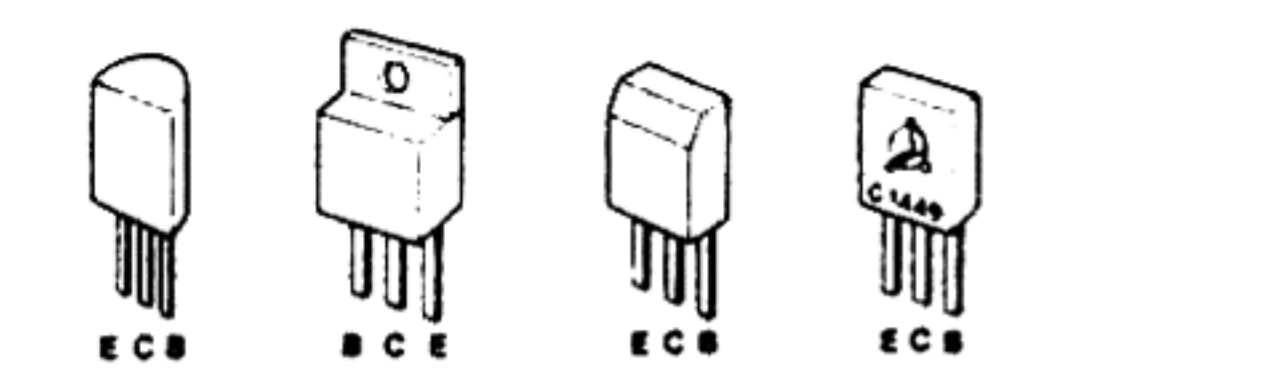
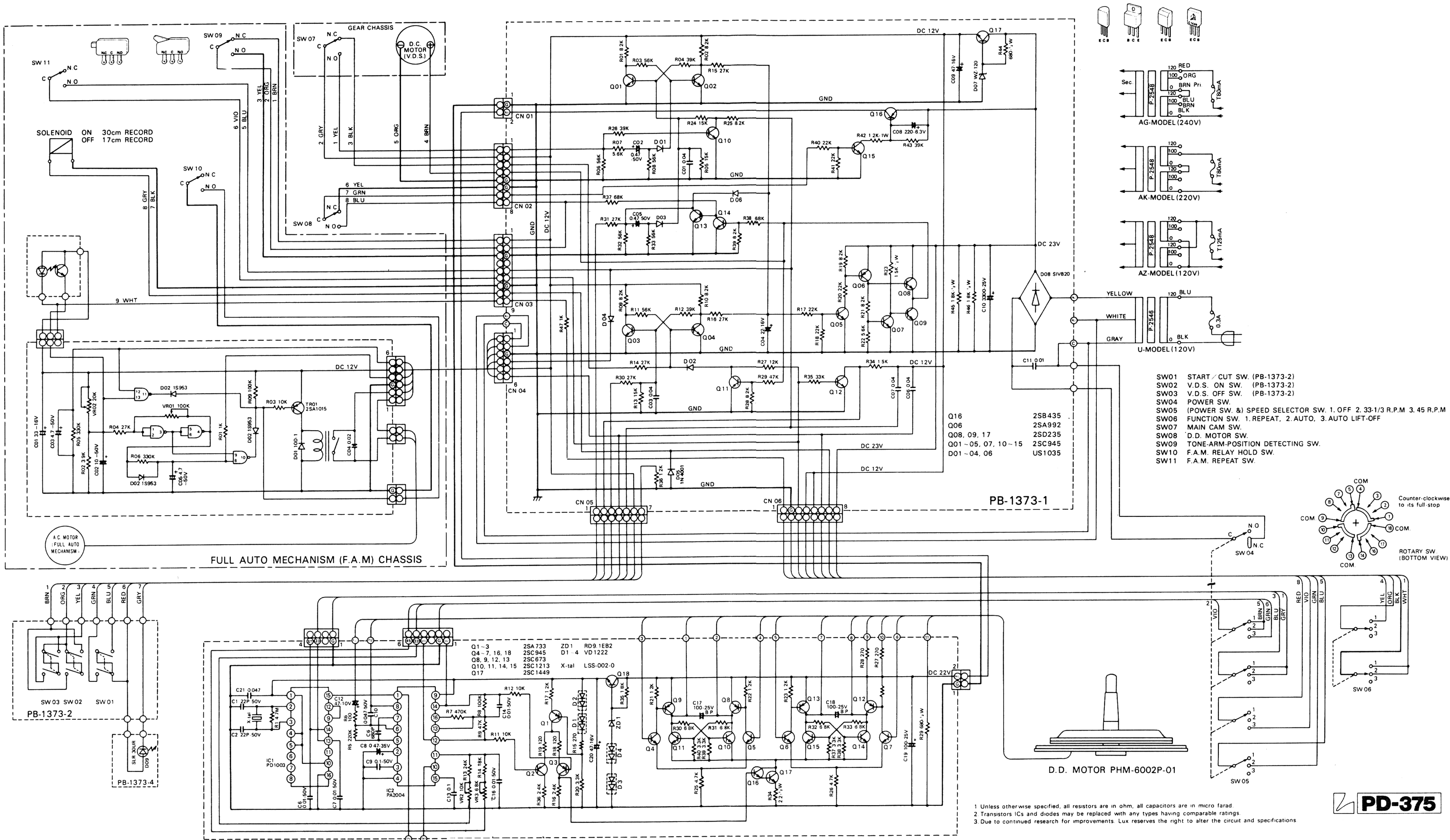
Exploded View Parrrts List

| Symbol No. | Stock No. | Description | Symbol No. | Stock No. | Description |
|------------|-----------|----------------------|------------|-----------|-----------------------|
| 1 | UN1031-E | Sealing Pad (out) | 62 | YAA30A18 | Binding 3x18 |
| 2 | UN1032-E | Sealing Pad (in) | 63 | YAA30A04 | Binding 3x4 |
| 3 | UN1039 | Coil Spring | 64 | YAA40C08 | Binding 4x8 BK |
| 4 | UN1254 | Turn Table | 65 | YAA40A12 | Binding 4x12 |
| 5 | UN1255 | Sucking Core | 66 | YNKO40A | Flange Nut B-5 |
| 6 | UZ1257 | Sucking Plate | 67 | YNKO30A | Flange Nut B-6 |
| 7 | UZ1292 | Roller Plate | 68 | YWJ025C | E Ring 2.5 |
| 8 | WZ1154 | Spring | 69 | YJB30A06 | Bind Tapping 3x6 |
| 9 | AH0016 | Fuse Holder (UZ) | 70 | YZB030H | Earth Lug |
| | AH0019 | Fuse Holder (AK,AG) | 71 | YZB040H | Earth Lug |
| 10 | AM1008 | DD Motor PHM6002P-01 | 72 | YCG31A13 | Round Tapping 3.1x13 |
| 11 | AT0069 | Terminal Plate | 73 | YCG31A10 | Round Tapping 3.1x10 |
| 12 | BF0072 | Fuse 0.3A (UZ) | 74 | YCG27A08 | Round Tapping 2.7x8 |
| | BF0201 | Fuse 0.1AT (AZ) | 75 | YWZ030W | Fiver Washer 3 |
| | BF0217 | Fuse 0.08 AT (AG,AK) | 76 | YCD26C04 | Allen Fex. Set 2.6x4 |
| 13 | BK0018 | AC Cord (U) | 77 | YND120A | VR. Nut 12PM |
| | BK0022 | AC Cord (AK) | 78 | YWA120A | Flat Washer 12VP |
| | BK0023 | AC Cord (AG) | 79 | YAA30C06 | Binding 3x6 BK |
| 14 | BZ0023 | Cord Clamp | 80 | YWE040M | External Lock Washer |
| 15 | PT2546 | Power Trans(U) | 81 | YAA40A20 | Binding 4x20 |
| | PT2548 | Power Trans (AK,AG) | 82 | YWA040T | Flat Washer 4 |
| 16 | SP0191 | GV Switch | 83 | MH1004 | Caution Seal |
| 17 | SR0158 | Rotary Switch | 84 | YAA30A06 | Binding 3x6 |
| 18 | UE1112 | Bottom Plate | 90 | WZ1192 | Tone Arm Ass'y |
| 19 | UR1319 | Bracket | 91 | WZQ0018 | Weight Ass'y |
| 20 | US0003 | P.C.B. Stand | 92 | WDQ0010 | Arm Base |
| 21 | US5023 | Stand | 93 | WZQ0015 | IFC Ass'y |
| 22 | UU1041 | Lifter Spring | 94 | WZQ0016 | Arm Rest Clip |
| 23 | UW1131 | Insulator Column | 95 | WZ1191 | Head Shell |
| 24 | UW1139 | Spacer | 96 | WZQ0018 | Cartridge Wire |
| 25 | UW1140 | Spacer | 97 | WZQ0017 | Arm Lifter Lever |
| 26 | UZ1114 | Bind Bracket | 100 | UZ1285 | Full Auto Mecha Ass'y |
| 28 | UZ1282 | Switch Lever | 101 | UOQ0006 | Gear |
| 29 | UZ1283 | Lift Bearing | 102 | UOQ0007 | Cam Ass'y |
| 30 | UZ1284 | Lift Shaft | 103 | BXQ0001 | Pulley |
| 31 | UZ1286 | Insulator Spacer | 104 | AMQ0102 | AC Motor Ass'y |
| 32 | WA1231 | Aluminum Panel A | 105 | SPQ0008 | Micro Switch |
| 33 | WA1232 | Aluminum Panel B | 106 | APQ0010 | Sensor Ass'y |
| 34 | WB1093 | Cabinet | 107 | SPQ0004 | Micro Switch |
| 35 | WD1135 | Escutcheon | 108 | APQ0010 | P.C.B. Ass'y |
| 36 | WZ1145 | Lifter | 109 | SPQ0005 | Micro Switch |
| 37 | WZ1148 | Main Insulator | 110 | UOQ0008 | Manual Selector Ass'y |
| 38 | WZ1189 | Cabinet Insulator | 111 | UOQ0009 | Brake Lever Ass'y |
| 39 | UW1137 | Spacer | 112 | UUQ0001 | Tension Spring |
| 40 | UZ1277 | Hinge | 113 | UUQ0002 | Tension Spring |
| 41 | UZ1278 | Hinge Holder | 114 | UZQ0003 | Belt 288 |
| 42 | WD1134 | Escutcheon | 120 | UZ1279 | Mecha. Chassis Unit |
| 43 | WE1098 | Edge Protector | 121 | UAQ0002 | VDS Base Plate Ass'y |
| 44 | WJ1093 | Knob | 122 | UOQ0013 | Charge Lever Ass'y L |
| 45 | WJ1152 | Knob (Start/Cut) | 123 | UOQ0014 | Charge Lever Ass'y R |
| 46 | WJ1154 | Knob (V.D.S. ON/OFF) | 124 | UOQ0010 | Main Cam Gear |
| 47 | WZ1147 | Dust Cover | 125 | UOQ0011 | Gear 3 |
| 48 | WZ1158 | Cap | 126 | UOQ0012 | Gear 4 |
| 49 | WZ1178 | Bushing | 127 | BXQ0002 | Pulley |
| 51 | WZ1160 | Record Sheet | 128 | UZQ0004 | Belt 375 |
| 52 | BK0063 | Arm Cable | 129 | AMQ0103 | Motor (VDS) |
| 53 | AM1008 | Motor P.C.B. | 130 | UNQ0001 | Motor Cushion |
| 54 | P1373-1 | PB1373-1 | 131 | SPQ0009 | Micro Switch A |
| 55 | P1373-2 | PB1373-2 | 132 | UZQ0105 | Switch Holder |
| 56 | P1373-3 | PB1373-3 | 133 | UUQ0003 | Tension Spring |
| 57 | P1373-4 | PB1373-4 | 134 | SPQ0010 | Micro Switch B |
| 58 | UQQ0005 | Restor Lever Ass'y | 135 | UNQ0002 | Cushion |
| 59 | UR1341 | Motor Holder Bracket | 136 | UZQ0005 | Column 375 |
| 60 | YCG24C10 | Round Tapping 2.4x10 | 137 | UUQ0004 | Charge Lever Spring |
| 61 | YCG31C10 | Round Tapping 3.1x10 | | | |

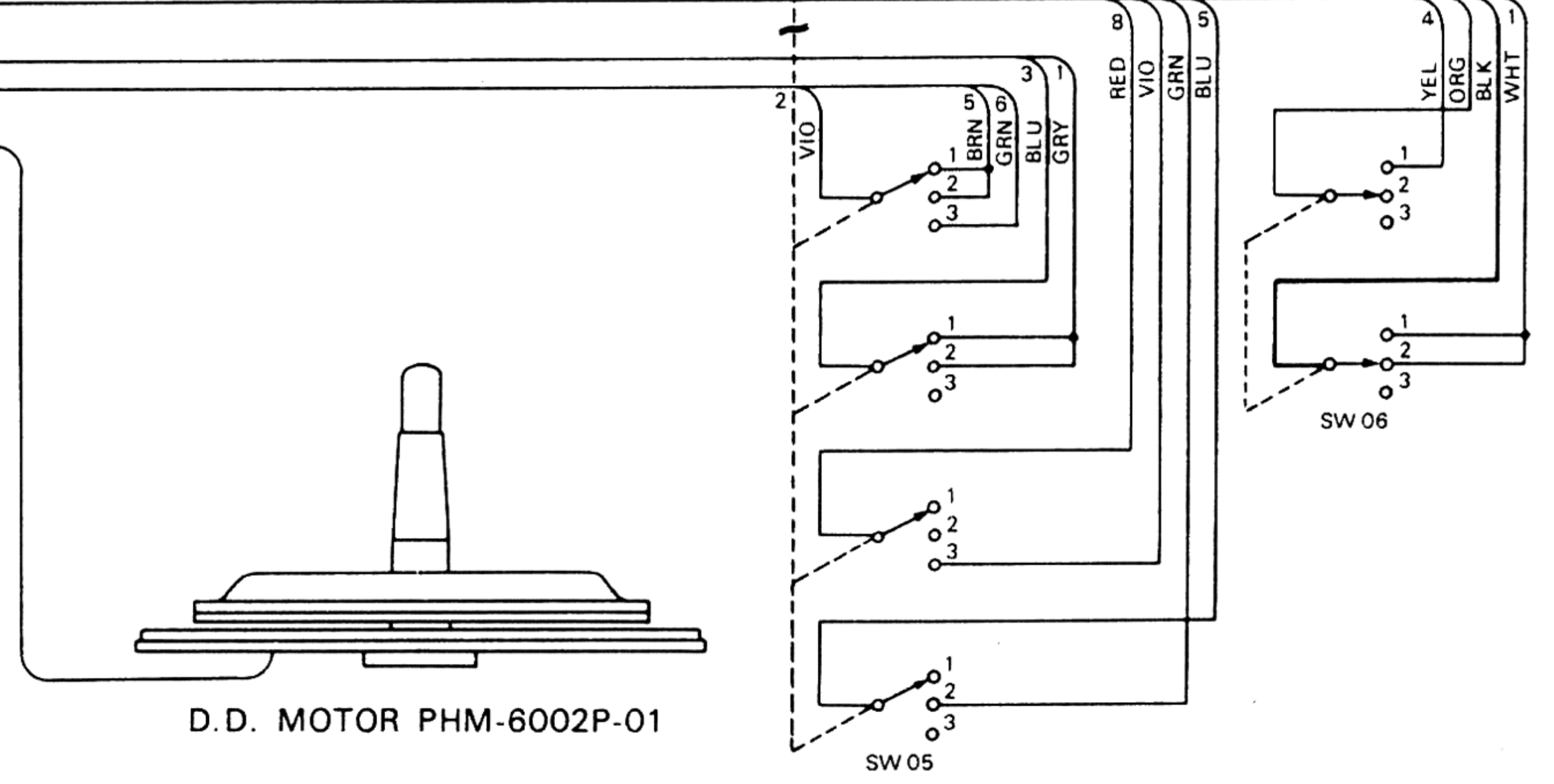
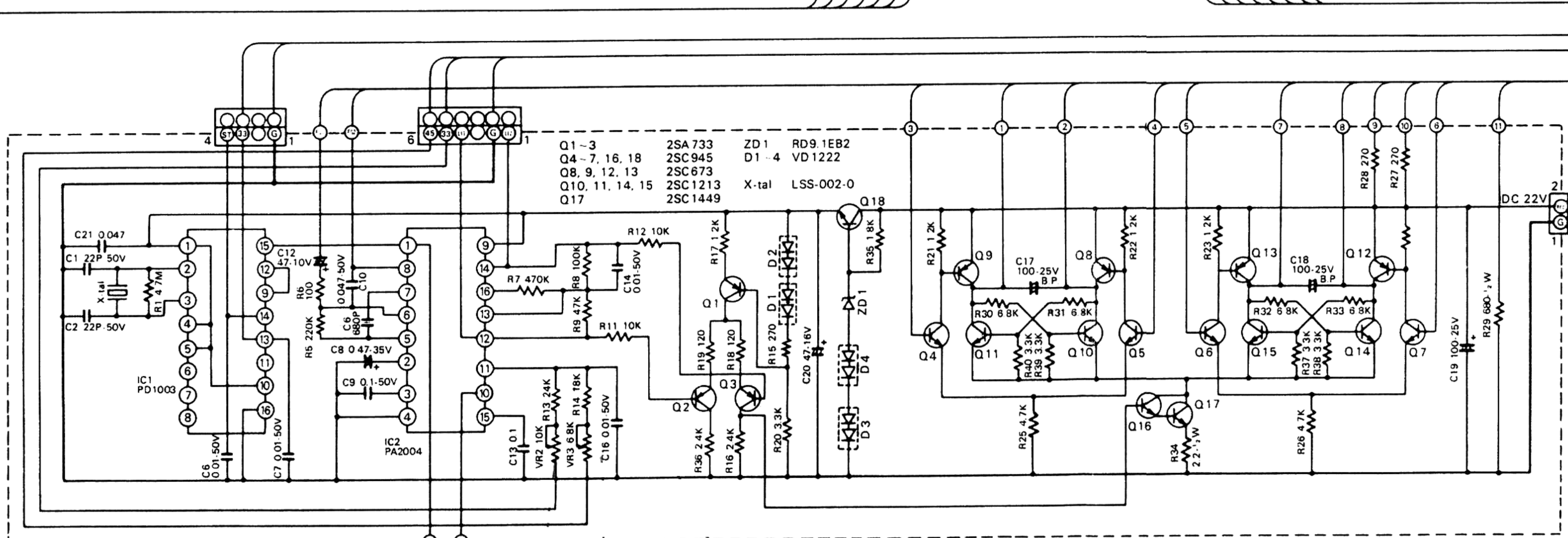
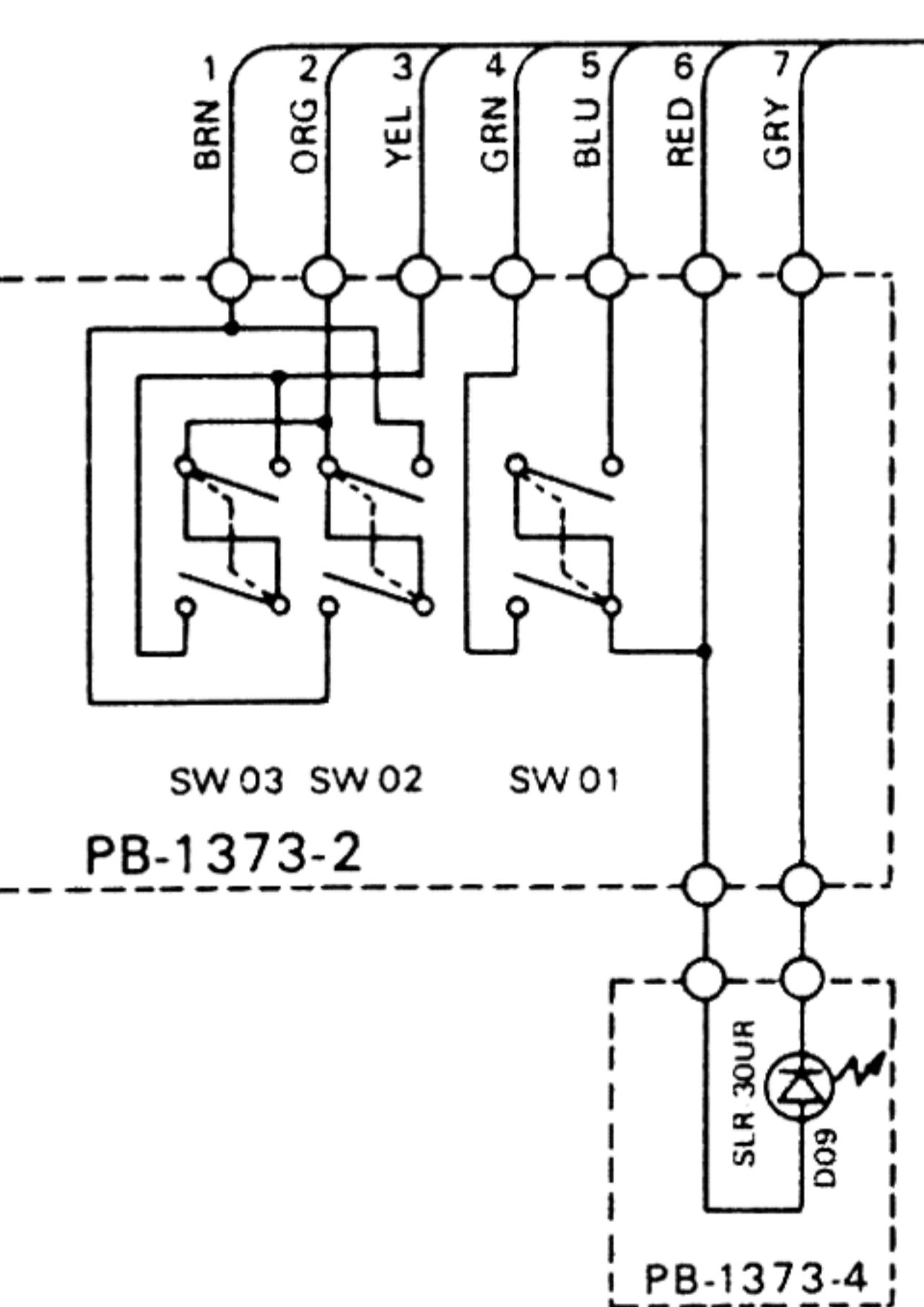
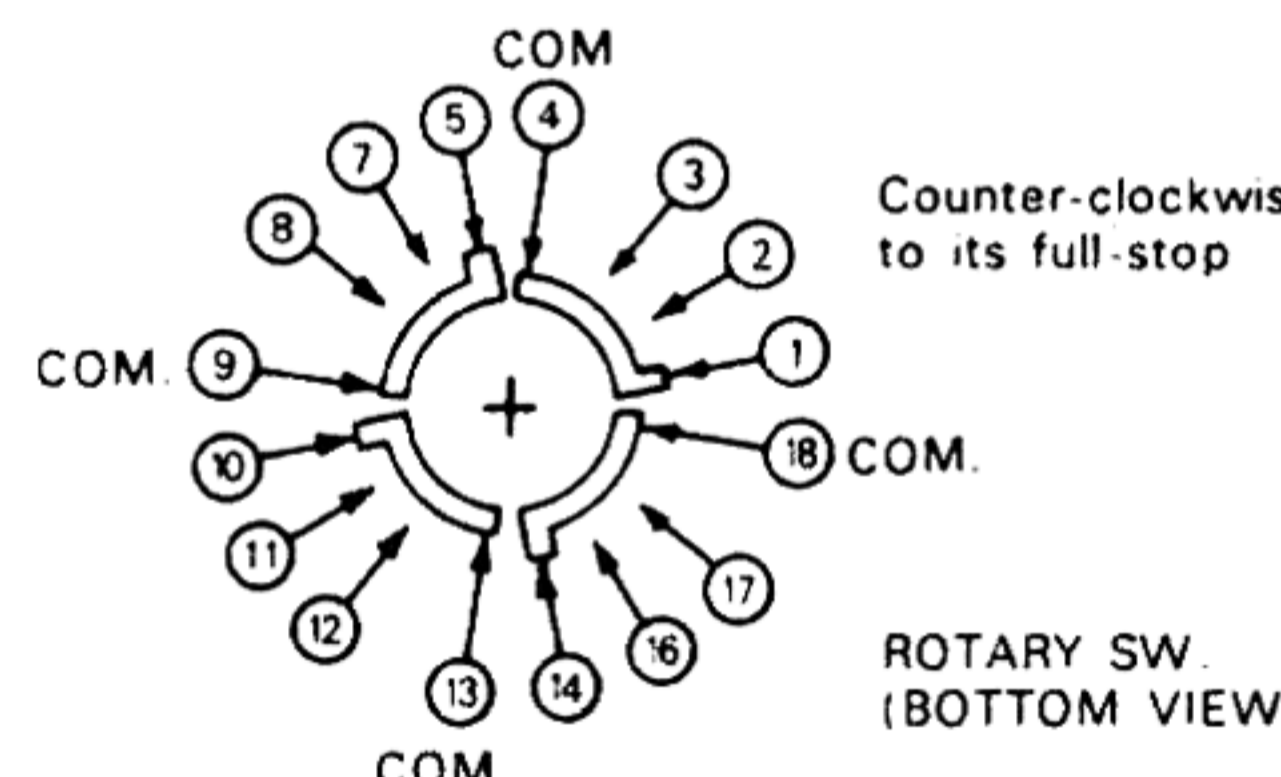
Remarks:

- U....120V For North America.
- AK...220V (With Line Voltage Selector) For Europe, South East Asia.
- AG...240V (With Line Voltage Selector) For England, Australia.
- AZ...120V (With Line Voltage Sclector) For North America, South Asia, East Asia.

SCHEMATIC DIAGRAM



- SW01 START / CUT SW. (PB-1373-2)
- SW02 V.D.S. ON SW. (PB-1373-2)
- SW03 V.D.S. OFF SW. (PB-1373-2)
- SW04 POWER SW.
- SW05 (POWER SW. &) SPEED SELECTOR SW. 1. OFF 2. 33-1/3 R.P.M 3. 45 R.P.M
- SW06 FUNCTION SW. 1. REPEAT, 2. AUTO, 3. AUTO LIFT-OFF
- SW07 MAIN CAM SW.
- SW08 D.D. MOTOR SW.
- SW09 TONE-ARM-POSITION DETECTING SW.
- SW10 F.A.M. RELAY HOLD SW.
- SW11 F.A.M. REPEAT SW.



1 Unless otherwise specified, all resistors are in ohm, all capacitors are in micro farad.
 2 Transistors ICs and diodes may be replaced with any types having comparable ratings.
 3 Due to continued research for improvements, Lux reserves the right to alter the circuit and specifications

SPECIFICATIONS

[Phono Motor Section]

| | |
|--|--|
| *Driving System: | Direct-Drive System |
| *Moter: | DC-servo brushless & slotless quartz-locked motor |
| *Turntable Platter: | 30cm aluminium die-cast with built-in VDS pump (2.5 kgs) |
| *Rotation: | 33-1/3 rpm, 45 rmp (2-speed) |
| * Adjustable Range of Rotation: | +3% |
| *S/N Ratio: | better than 70dB(DIN B) |
| *Wow & Flutter: | no more than 0.03% W.R.M.S. |

[Tonearm Section]

| | |
|--------------------|-------------------------------------|
| *Tonearm: | Straight Arm of static balance type |
| *Effective Length: | 230mm |
| *Tracking Error: | +2° 12' 1° 30' |
| *Overhang: | 16mm |
| *Cartridge Weight: | 5g~10g |
| *Cartridge Height: | 16mm~19mm (by use of spacers) |
| *Stylus Pressure: | 0~3g (direct reading) |
| *Accessories: | Anti-skate adjustment |

[Additional Features]

| | |
|----------------------|---|
| *Dust Cover: | Detachable with semi-freestop hinge |
| *Automatic Function: | Auto-Lead-In(Auto Start), Auto-Repeat, Operation Mode Selector(repeat, auto, auto-lift-off), Start/Cut Button |

[General]

| | |
|---------------------|---|
| *Power Consumption: | 10W(CSA rated) |
| *Dimensions: | 438 (W) x 165 (H) x 365 (D) mm (13.9" x 6.4" x 14.6") |
| *Weight: | Net 10.5 kgs (23.1 lbs.) Gross 12.0 kgs (26.4 lbs.) |

Specifications and appearance design subject to change without notice.