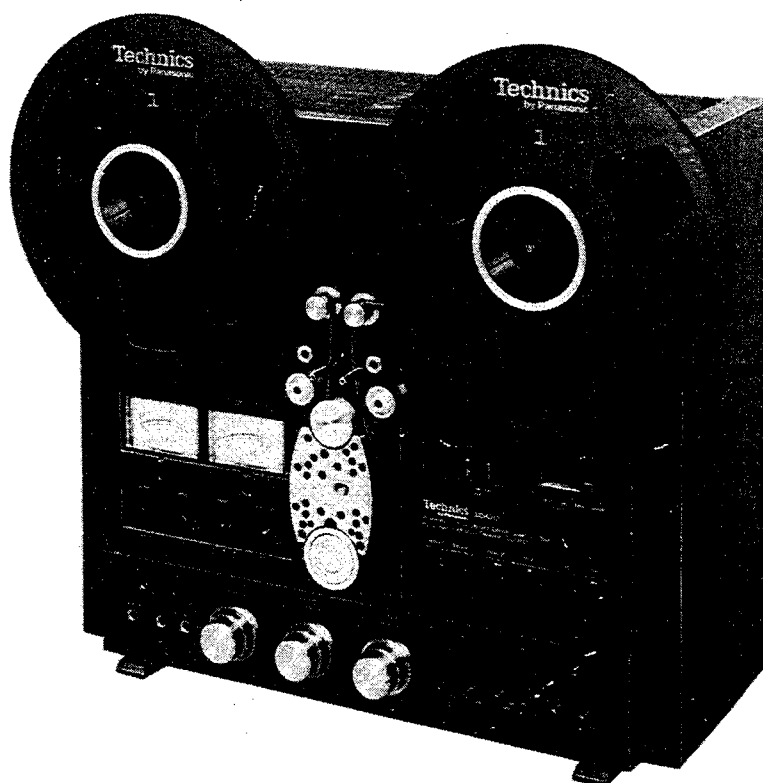


# Service Manual

Open Deck  
**RS-1500US**

**Vol 1**

"Isolated Loop" Three-Motor, Direct-Drive Tape Deck



Professional Series

## RS-1500U MECHANISM SERIES

### Information:

The Service Manual for model RS-1500US is in 2 parts: Vol. 1 and Vol. 2.  
Vol. 1 does not include measurements and adjustments.  
Refer to Vol. 2 for these items.

**Technics**  
by Panasonic

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# ② RS1500 US

## Specifications (Catalog specifications for sales)

|                              |                                                                                                                                                                                                                                                                                                                                       |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Track system:                | 4 heads system<br>2-track 2-channel recording, playback, erasing and 4-track 2-channel playback                                                                                                                                                                                                                                       |
| Motors:                      | 3 direct-drive motors system                                                                                                                                                                                                                                                                                                          |
| Capstan;                     | Quartz control phase-locked DC brushless servo direct-drive motor                                                                                                                                                                                                                                                                     |
| Reel tables;                 | 2 tape tension controlled DC brushless direct-drive motors                                                                                                                                                                                                                                                                            |
| Reel size:                   | 5" to 10-1/2" (13 cm to 26.5 cm) outside diameter                                                                                                                                                                                                                                                                                     |
| Tape tension control:        | Automatic control for above size of reel                                                                                                                                                                                                                                                                                              |
| Tape speed:                  | 15 ips, 7-1/2 ips and 3-3/4 ips (38 cm/s, 19 cm/s and 9.5 cm/s)                                                                                                                                                                                                                                                                       |
| Speed deviation:             | ±0.1% at 15 ips (38 cm/s)                                                                                                                                                                                                                                                                                                             |
| Speed fluctuation:           | 0.05% at 15 ips (38 cm/s)                                                                                                                                                                                                                                                                                                             |
| Pitch control:               | ±6% (recording and playback)                                                                                                                                                                                                                                                                                                          |
| Wow and flutter:             | Recording and playback                                                                                                                                                                                                                                                                                                                |
| 15 ips (38 cm/s);            | 0.018% (WRMS), ±0.035% (DIN peak)                                                                                                                                                                                                                                                                                                     |
| 7-1/2 ips (19 cm/s);         | 0.03% (WRMS), ±0.06% (DIN peak)                                                                                                                                                                                                                                                                                                       |
| Time counter accuracy:       | ±1% at 15 ips (38 cm/s)                                                                                                                                                                                                                                                                                                               |
| Fast winding time:           | 150 sec. for 2500 ft (1.5 mil for 762 m) tape                                                                                                                                                                                                                                                                                         |
| Auto-Stop sensing:           |                                                                                                                                                                                                                                                                                                                                       |
| End of tape;                 | Tension roller switches                                                                                                                                                                                                                                                                                                               |
| During running;              | Within 3 sec. after accidental stop of takeup reel table                                                                                                                                                                                                                                                                              |
| Frequency response:          |                                                                                                                                                                                                                                                                                                                                       |
| 15 ips (38 cm/s);            | 30~30,000 Hz ±3 dB (recording level = -10 dB from 0 VU)                                                                                                                                                                                                                                                                               |
| 7-1/2 ips (19 cm/s);         | 20~25,000 Hz ±3 dB (recording level = -20 dB from 0 VU)                                                                                                                                                                                                                                                                               |
| 3-3/4 ips (9.5 cm/s);        | 20~15,000 Hz ±3 dB (recording level = -20 dB from 0 VU)                                                                                                                                                                                                                                                                               |
| Signal-to-noise ratio:       | NAB weighted (185 nWb/m +6 dB)                                                                                                                                                                                                                                                                                                        |
| 15 ips (38 cm/s);            | 60 dB                                                                                                                                                                                                                                                                                                                                 |
| 7-1/2 ips (19 cm/s);         | 60 dB                                                                                                                                                                                                                                                                                                                                 |
| 3-3/4 ips (9.5 cm/s);        | 58 dB                                                                                                                                                                                                                                                                                                                                 |
| Distortion (THD):            | Measured via tape at 400 Hz (at any speed)<br>Less than 2% peak level (185 nWb/m +6 dB)<br>Less than 0.8% operating level (0 VU)                                                                                                                                                                                                      |
| Channel separation:          | Better than 50 dB                                                                                                                                                                                                                                                                                                                     |
| Erasing ratio:               | Better than 65 dB (recording level = +10 dB at 1 kHz)                                                                                                                                                                                                                                                                                 |
| Recording bias:              | 120 kHz                                                                                                                                                                                                                                                                                                                               |
| Bias level;                  | BIAS selector at "1" 90%, BIAS selector at "2" 100%, BIAS selector at "3" 110%                                                                                                                                                                                                                                                        |
| Equalization:                | NAB standard<br>Position "2" of "EQ" and "BIAS" selector set for scotch #207 tape                                                                                                                                                                                                                                                     |
| Recording level calibration: | Referenced to 185 nWb/m                                                                                                                                                                                                                                                                                                               |
| Inputs:                      |                                                                                                                                                                                                                                                                                                                                       |
| MIC;                         | Unbalanced phone type jack<br>Sensitivity 0.25 mV (-72 dB), input impedance 4.7 KΩ<br>(at 0 VU, microphone level control at maximum position)<br>2.5 mV (-52 dB)/4.7 KΩ with 20 dB microphone attenuator switch on overload margin 55 dB<br>(75 dB with 20 dB microphone attenuator)<br>Applicable microphone impedance 200 Ω ~ 10 KΩ |
| LINE;                        | Phono type jack<br>Sensitivity 60 mV (-24 dB), input impedance 150 KΩ<br>Overload margin = infinity<br>(line input connected to LINE IN level control before pass through the amplifier)                                                                                                                                              |
| THROUGH OUT;                 | Same as LINE IN (connected in parallel to LINE IN)                                                                                                                                                                                                                                                                                    |
| Outputs:                     |                                                                                                                                                                                                                                                                                                                                       |
| LINE;                        | 2 pair of phono type jack<br>Output level 0.42 V at 0 VU (output level control at "8")<br>0.6 V or more at output level control maximum output impedance less than 3 KΩ<br>Load impedance 22 KΩ over                                                                                                                                  |
| HEADPHONE;                   | Stereo phone type jack<br>Output level 60 mV at 0.42 V line output, load impedance 8 Ω                                                                                                                                                                                                                                                |
| Power requirements:          | AC 120 V, 50/60 Hz<br>DC 24 V, 4.5 A (with RP-086 optional battery adaptor)                                                                                                                                                                                                                                                           |
| Power consumption:           | 120 W                                                                                                                                                                                                                                                                                                                                 |
| Weight:                      | 57 lbs, 4 oz (26 kg)                                                                                                                                                                                                                                                                                                                  |
| Dimensions (H × W × D):      | 17-1/2" × 19-3/8" × 10-1/8" (44.6 cm × 49.2 cm × 25.8 cm)                                                                                                                                                                                                                                                                             |

Specifications based on use of Scotch #207 tape.  
Specifications are subject to change without notice.

③ 251500 US

# LOCATION OF CONTROLS AND COMPONENTS

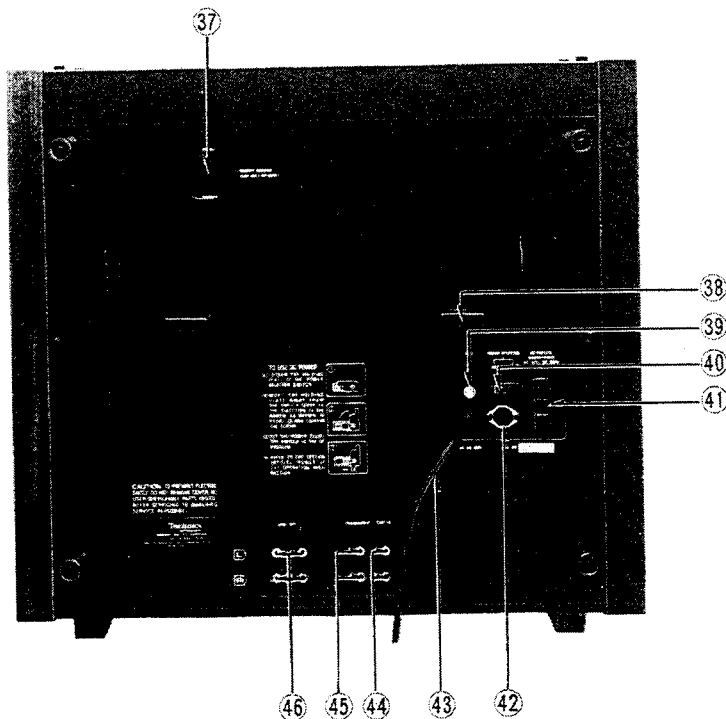
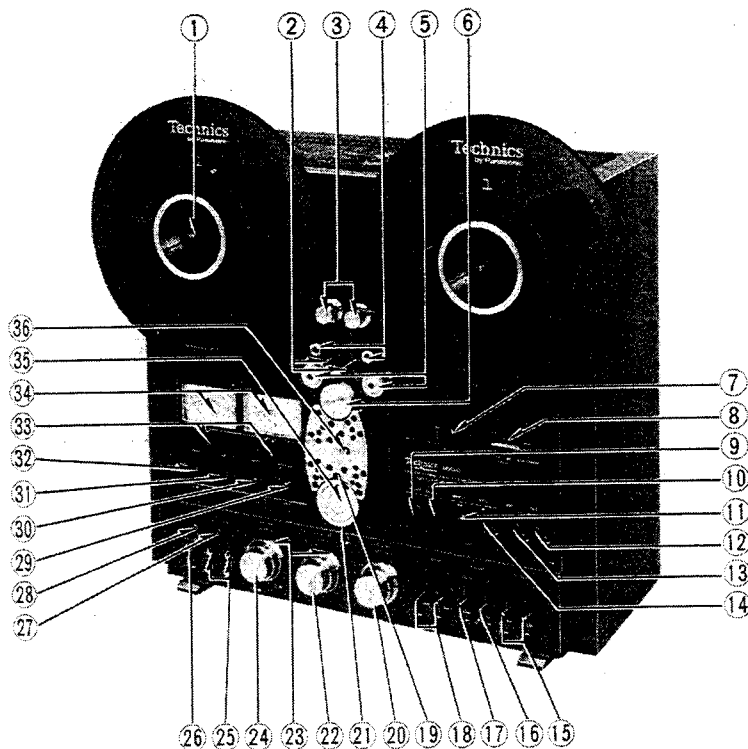
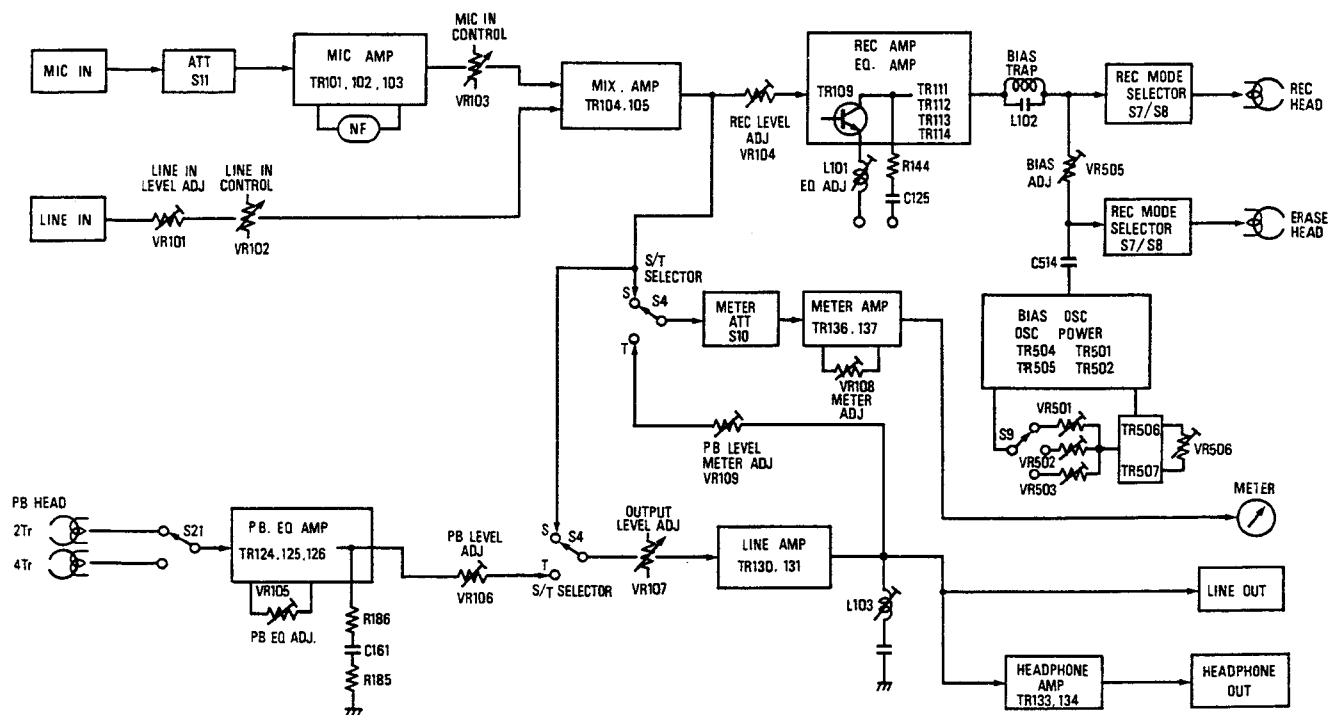


Fig. 1

- ① Reel clampers
- ② Guide pin
- ③ Tension rollers
- ④ Tape marker
- ⑤ Double pressure rollers
- ⑥ Capstan
- ⑦ Cue lever/DC power switch
- ⑧ Timer counter/Reset button
- ⑨ Record button
- ⑩ Pause button
- ⑪ Rewind button
- ⑫ Fast forward button
- ⑬ Playback button
- ⑭ Stop button
- ⑮ Record mode switches
- ⑯ Bias selector
- ⑰ Equalization selector
- ⑱ Monitor switches
- ⑲ Stroboscope lamp
- ⑳ Output level controls
- ㉑ Reversing roller
- ㉒ Line input level controls
- ㉓ Pre-set markers
- ㉔ Microphone level controls
- ㉕ Microphone jacks
- ㉖ Headphones jack
- ㉗ Meter scale selector
- ㉘ Microphone attenuator switch
- ㉙ Timer start switch
- ㉚ Tape speed selector
- ㉛ Pitch control
- ㉜ Power switch
- ㉝ Level meter zero-point adjustment screws
- ㉞ Level meters
- ㉟ Edit dial
- ㊱ 2, 4-track selector
- ㊲ Remote control connector
- ㊳ Power cord holder
- ㊴ Ground terminal
- ㊵ Battery selector
- ㊶ AC outlets
- ㊷ DC-IN connector
- ㊸ Power cord
- ㊹ Line input jacks
- ㊺ "Through out" jacks
- ㊻ Line output jacks

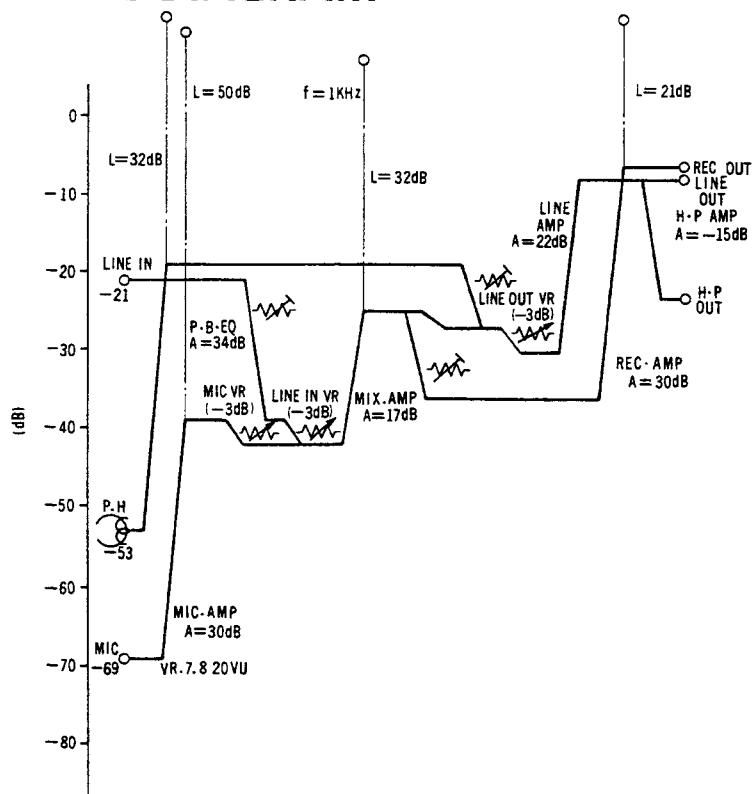
## AMPLIFIER SECTION

## BLOCK DIAGRAM



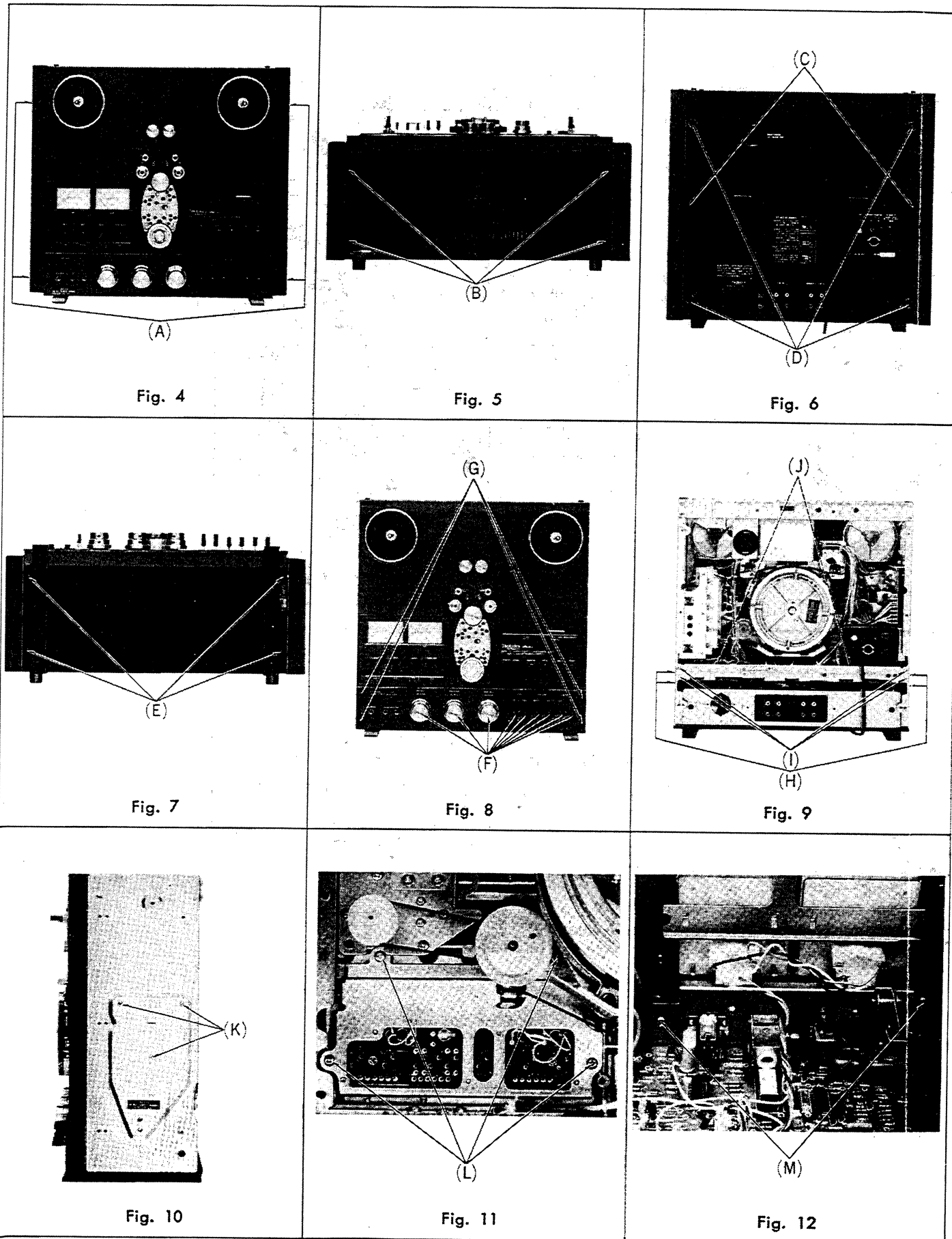
**Fig. 2**

## LEVEL DIAGRAM



**Fig. 3**

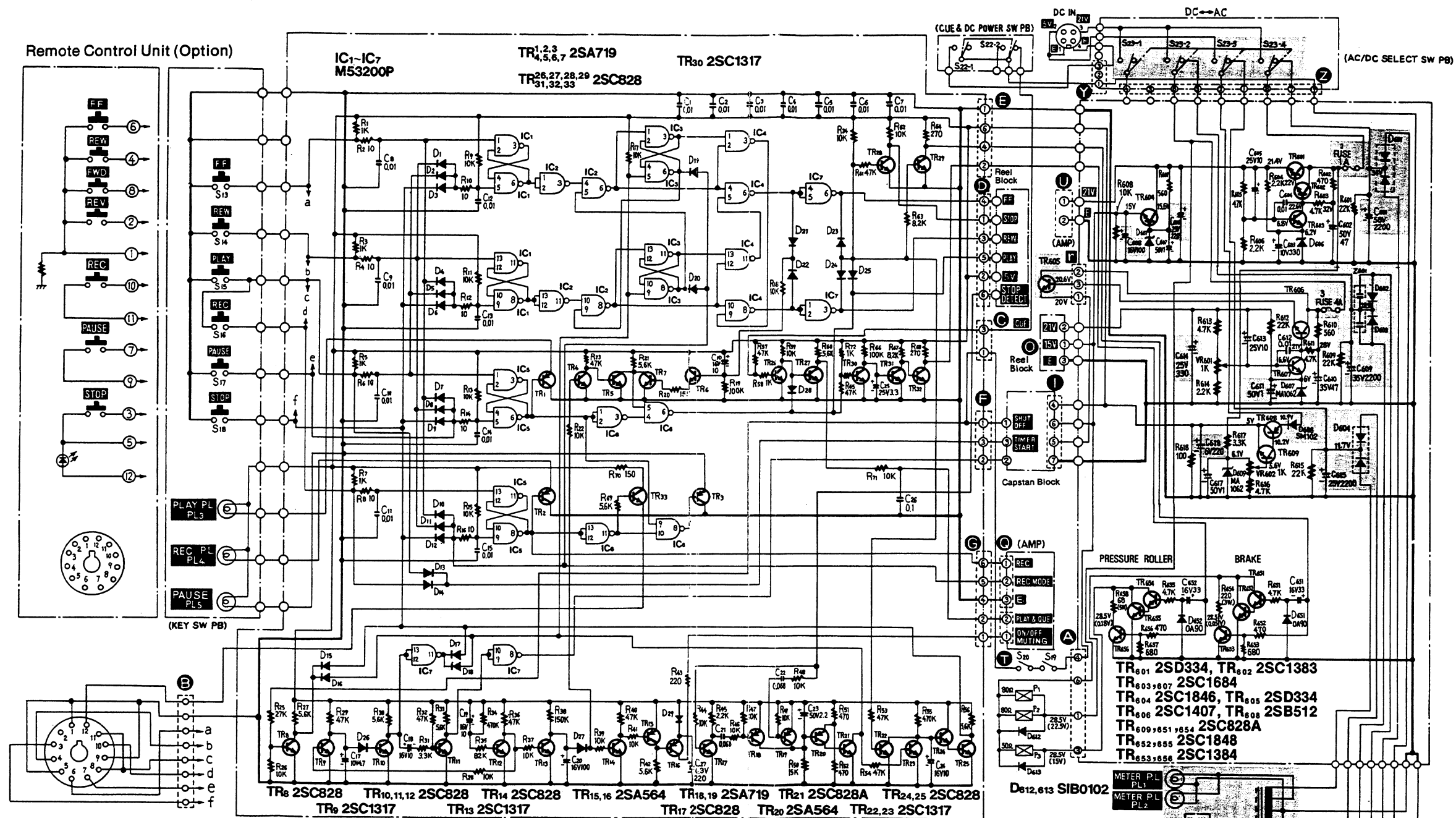
# DISASSEMBLY INSTRUCTIONS



| Procedure | To remove —                                      | Remove —                                               | Pcs.          | Shown in fig. — |
|-----------|--------------------------------------------------|--------------------------------------------------------|---------------|-----------------|
| 1         | Side board                                       | Screws (A)                                             | (4)           | 4               |
| 2         | Top cover                                        | Screws (B)                                             | (4)           | 5               |
| 3         | Back cover                                       | Screws (C), (D)                                        | (2), (4)      | 6               |
| 4         | Bottom cover                                     | Screws (E)                                             | (4)           | 7               |
| 5         | Function panel assembly and main P.C.B. assembly | Knobs (F)<br>Screws (G)                                | (9), (4)      | 8               |
| 6         | P.C.B. holding angle I and II                    | Screws (H), (I), (J)                                   | (4), (4), (2) | 9               |
| 7         | Tension control P.C.B. assembly                  | Screws (K)<br>Housing No. (J), (M), (N), (O), (P)      | (3), (5)      | 10              |
| 8         | Function button control P.C.B. assembly          | Housing No. (B), (C), (D), (E), (F), (G)               | (6)           | 11              |
| 9         | Function button assembly                         | Screws (L)                                             | (4)           | 11              |
| 10        | Capstan control P.C.B. assembly                  | Screws (M)<br>Housing No. (F), (H), (I), (J), (K), (L) | (2), (6)      | 12              |
| 11        | Level meter                                      | Screw (N)                                              | (1)           | 13              |
| 12        | Power supply control P.C.B. assembly             | Screws (O)                                             | (7)           | 14              |
| 13        | Power transformer angle assembly                 | Screws (P)                                             | (9)           | 15              |

## SCHEMATIC DIAGRAM MODEL RS-1500US

### Power Supply Section and Main Control Circuit



**NOTE:**

1. S<sub>1</sub> ..... Power ON/OFF switch.
2. S<sub>13</sub> ..... FF switch.
3. S<sub>14</sub> ..... Rew switch.
4. S<sub>15</sub> ..... Play switch.
5. S<sub>16</sub> ..... Rec switch.
6. S<sub>17</sub> ..... Pause switch.
7. S<sub>18</sub> ..... Stop switch.
8. S<sub>19</sub>, S<sub>20</sub> ..... Shut-off switch.
9. S<sub>22-1</sub>—S<sub>22-2</sub>... Cue ON/OFF & DC power ON/OFF switch,  
(shown in cue off position).
10. S<sub>23-1</sub>—S<sub>23-2</sub>... AC/DC select switch (shown in AC position).
11. VR<sub>601</sub> ..... Voltage (5V) adjustment VR.
12. P<sub>1</sub>, P<sub>2</sub> ..... Brake plunger.

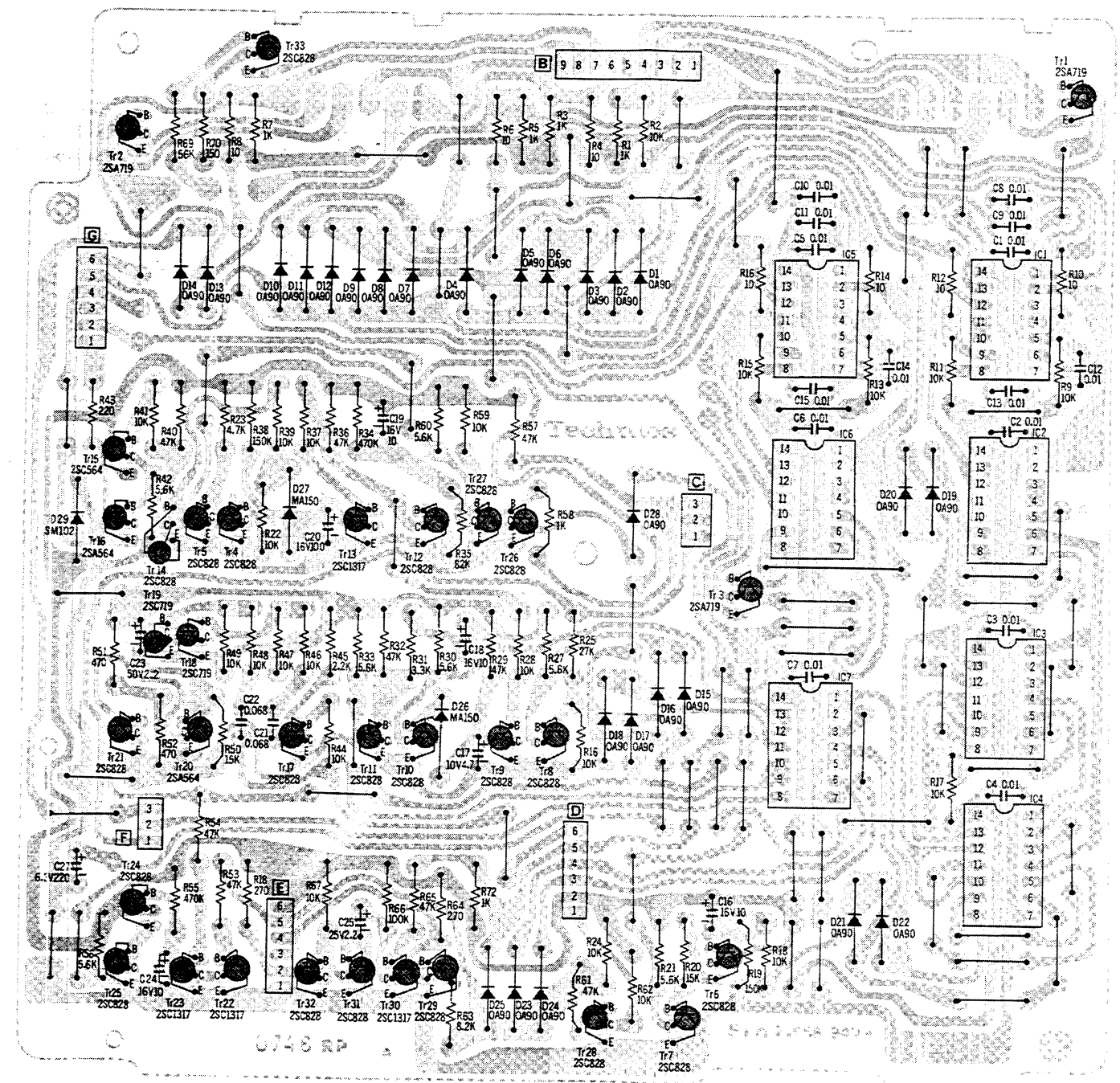
13. P<sub>3</sub> ..... Pressure roller plunger.
14. Resistor values asre in ohms ( $\Omega$ ), 1/4 W watt unless specified other wise.  
K = 1000.
15. Capacitor values are in microfarads ( $\mu F$ ) unless specified otherwise.  
P = Pico-farads.
16. Voltages shown in ( ) are voltages when plunge is in "ON" condition.
17. **Important safety notice.**

The shaded area on this schematic diagram incorporates special features important for safety. When servicing it is essential that only manufacturer's specified parts be used for the critical components in the shaded areas of the schematic.

**Specifications are subject to change without notice.**

⑦ 25-1500115

## Main Control Circuit Board

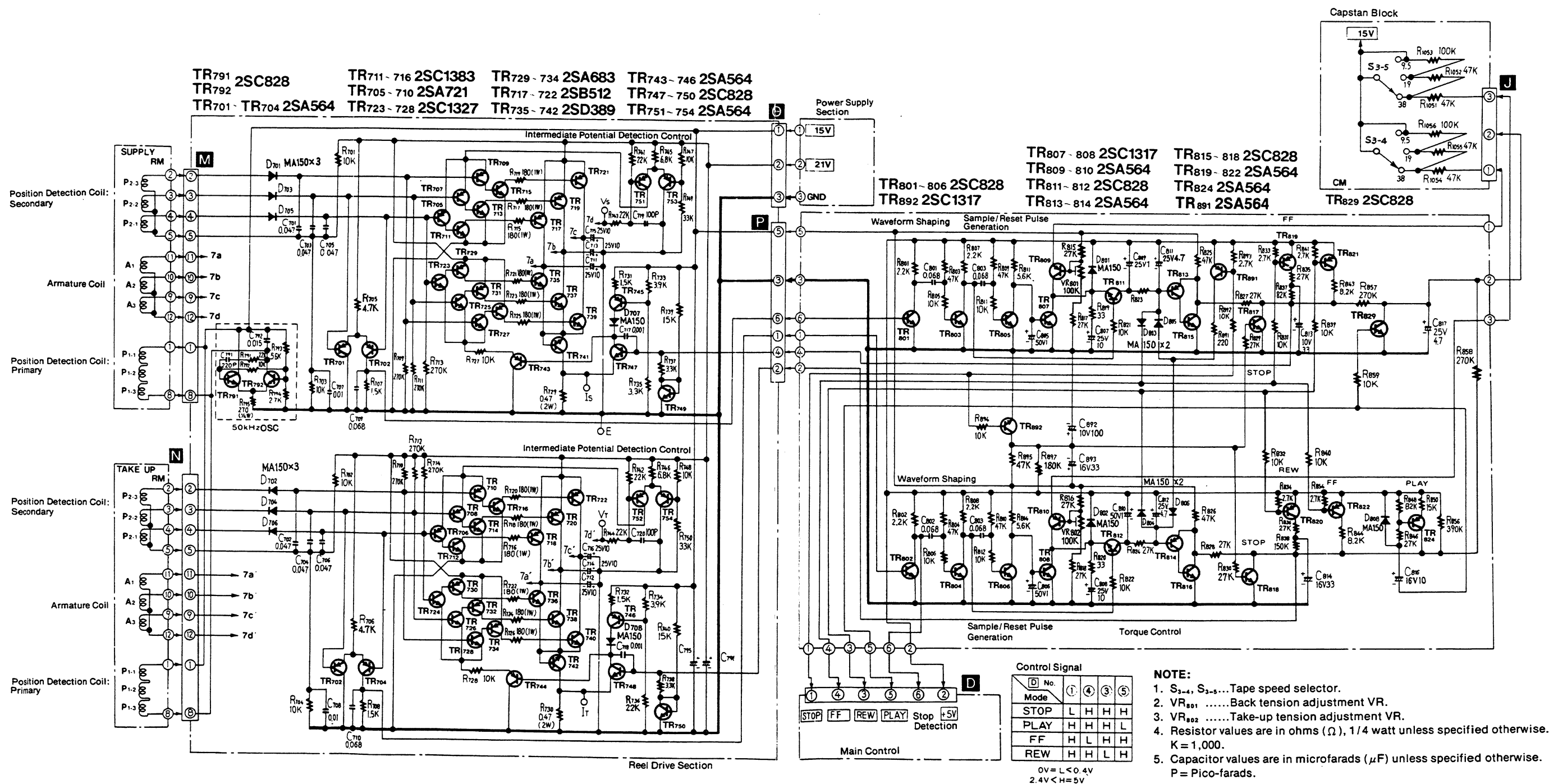


The circuit shown in red on the conductor is B circuit. Values indicated in    are DC voltage between the chassis and electrical parts. Voltages shown in ( ) are voltages when plunger is in "ON" condition.

Q 25/1500 45

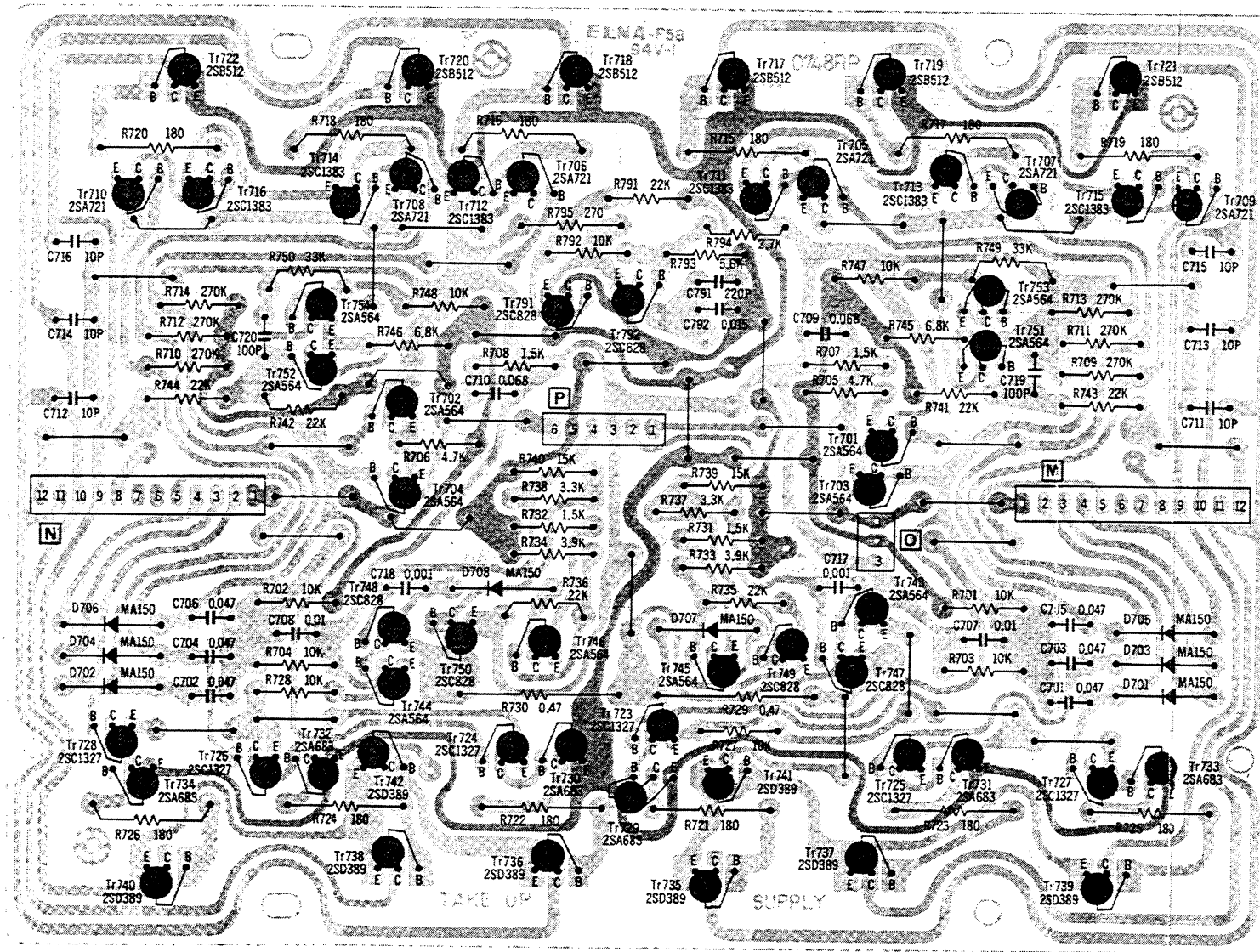
# SCHEMATIC DIAGRAM MODEL RS-1500US

## Reel Motor Section

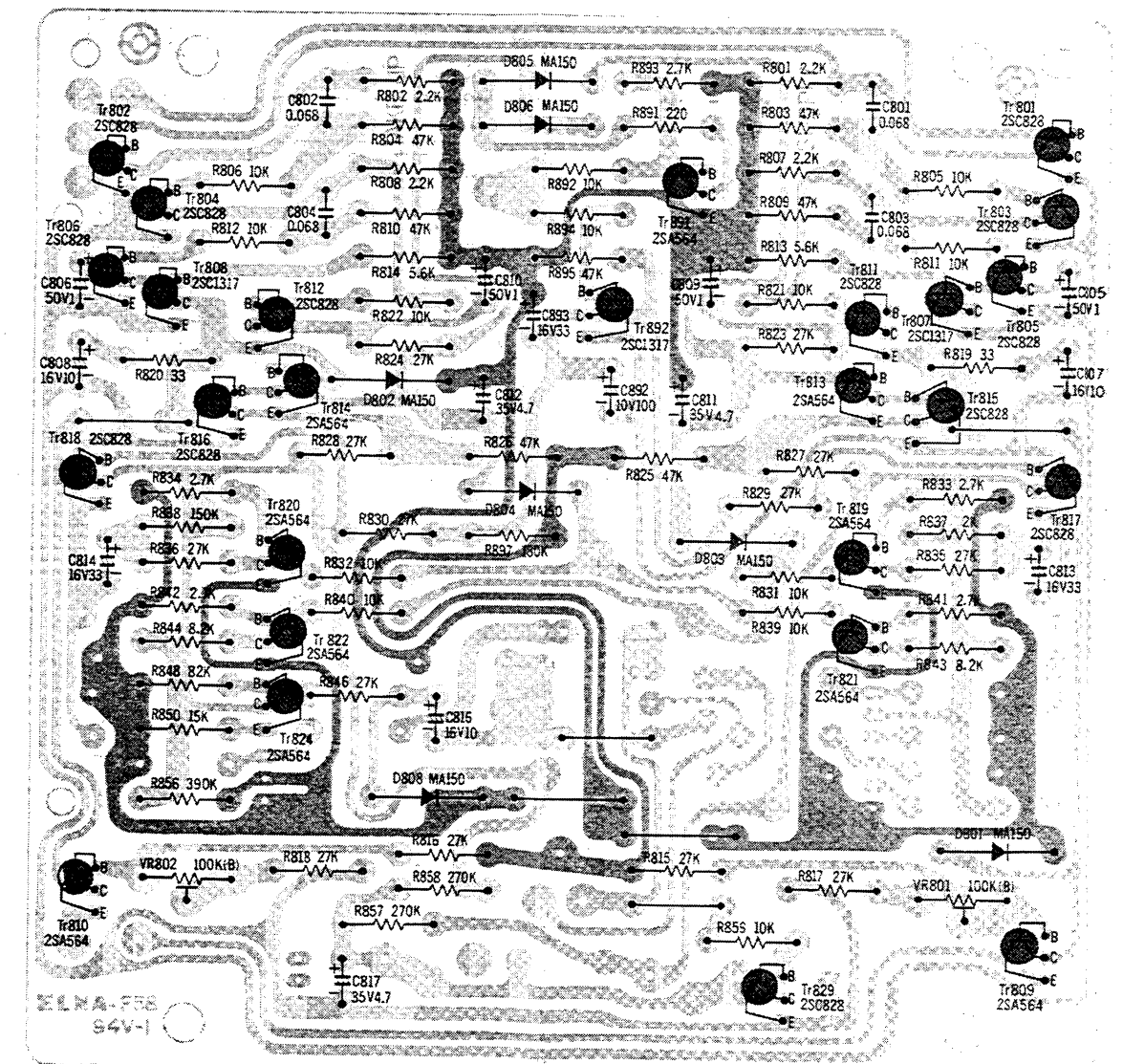


## CIRCUIT BOARD

# Reel Motor Driving Circuit Board



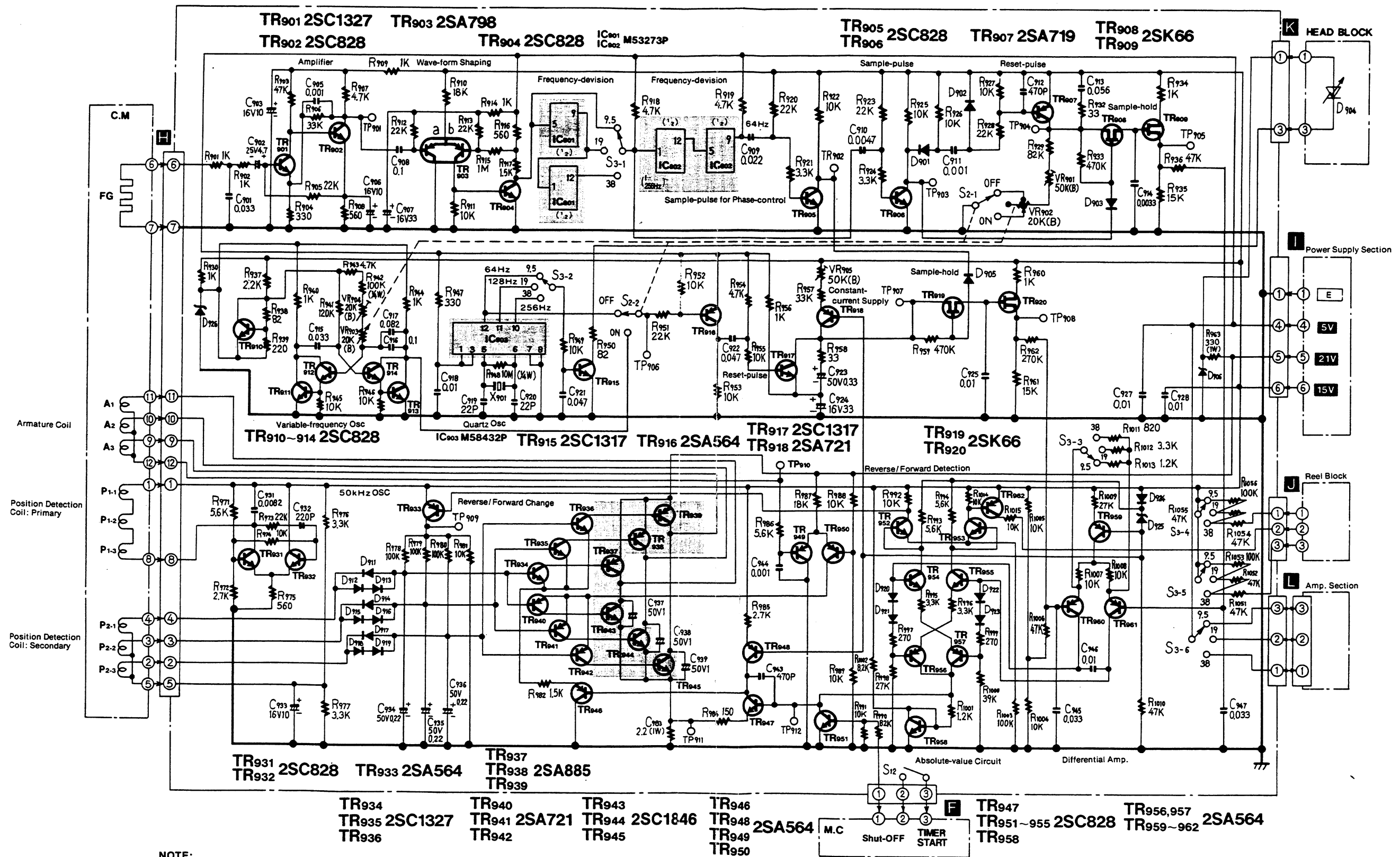
## Reel Motor Tension Control Circuit Board



**NOTE:**  
The circuit shown in red on the conductor is B circuit.  
Values indicated in    are DC voltage between the chassis and electrical parts.

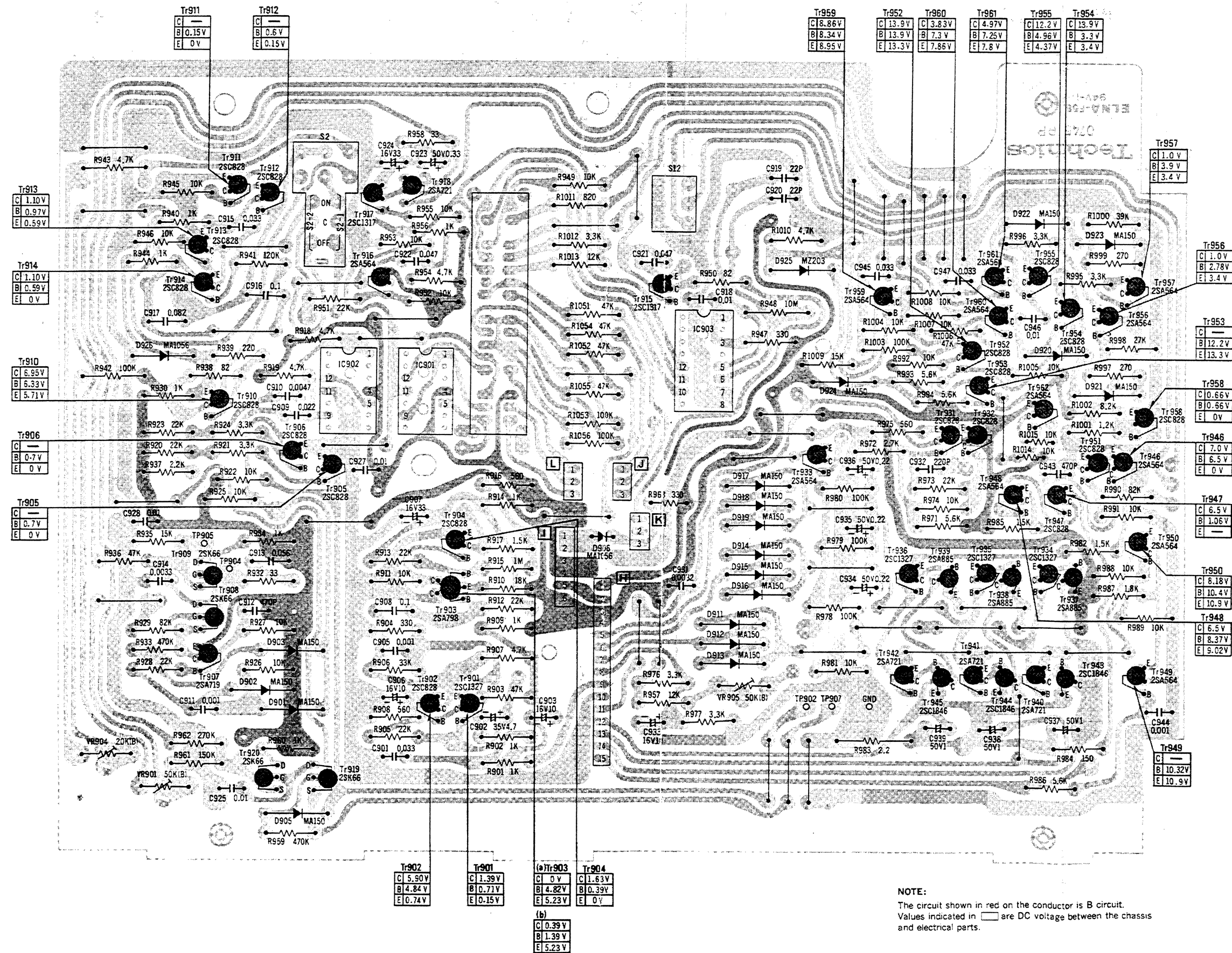
# SCHEMATIC DIAGRAM MODEL RS-1500US

## Capstan Motor Section



# CIRCUIT BOARD

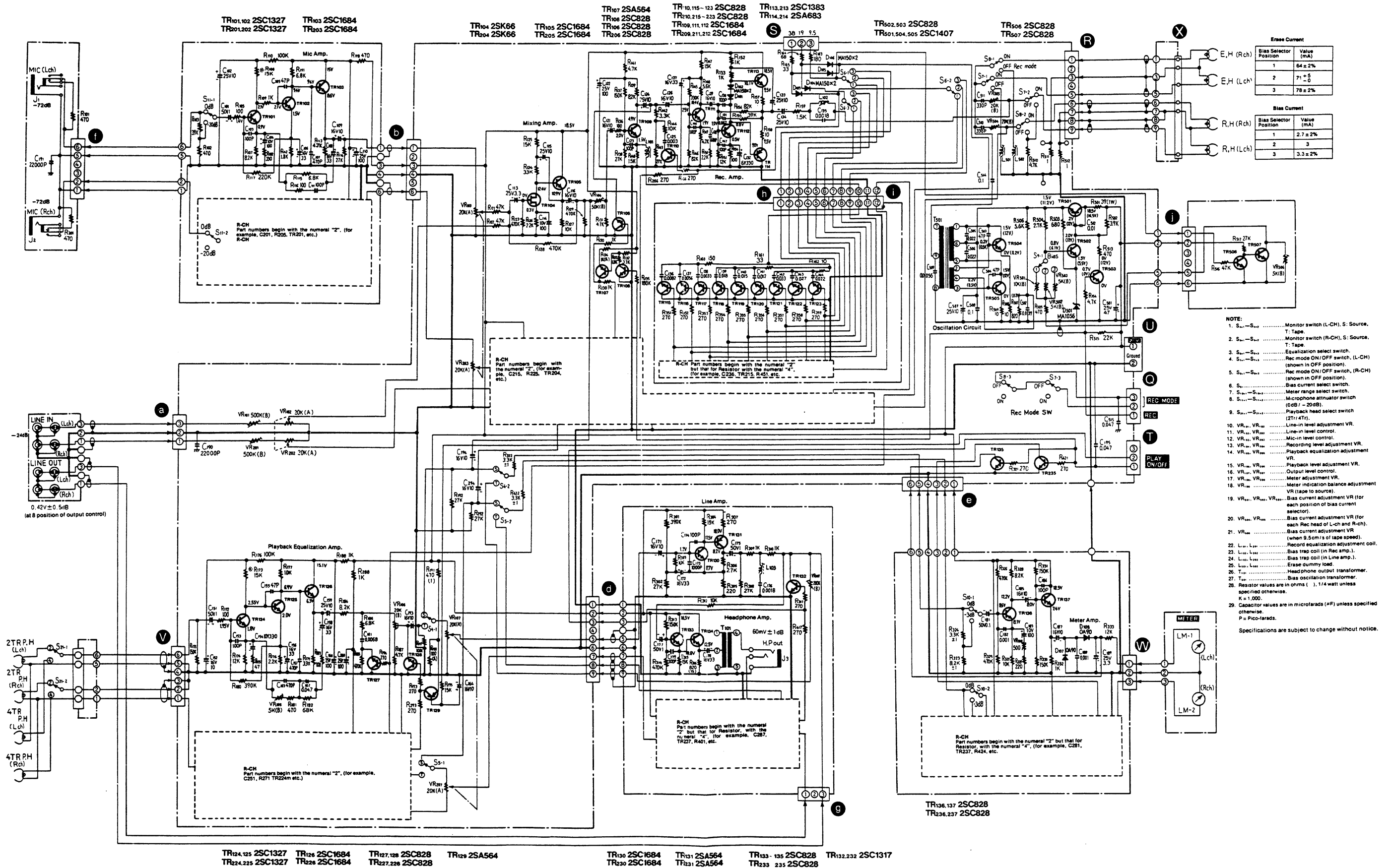
## Capstan Motor Control Circuit Board



22 RS 1500 UJ

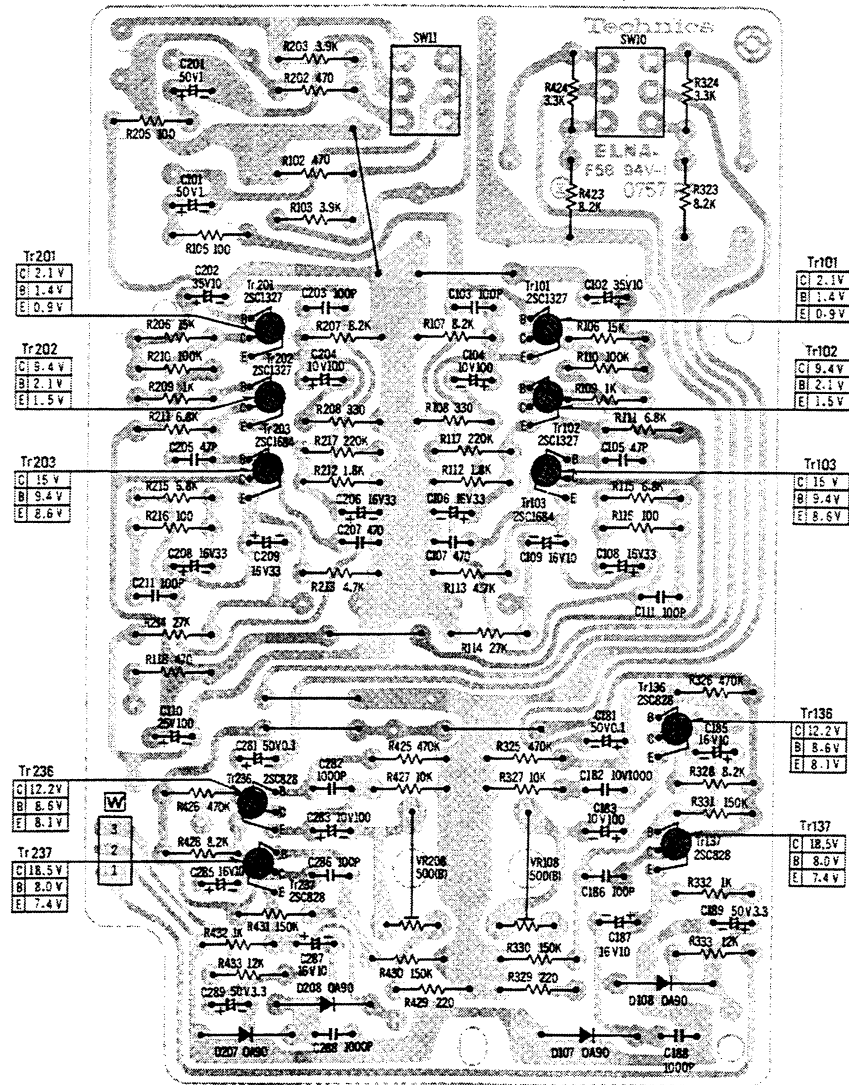
# SCHEMATIC DIAGRAM MODEL RS-1500US

## Main Amp. Section

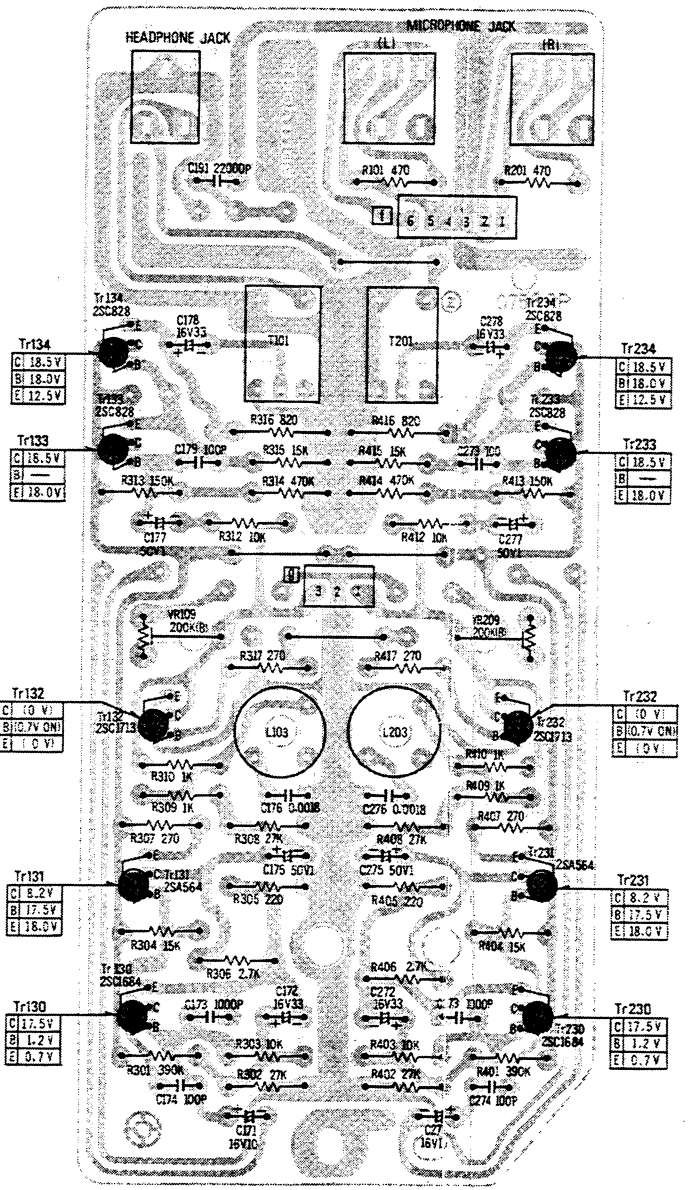


# CIRCUIT BOARD

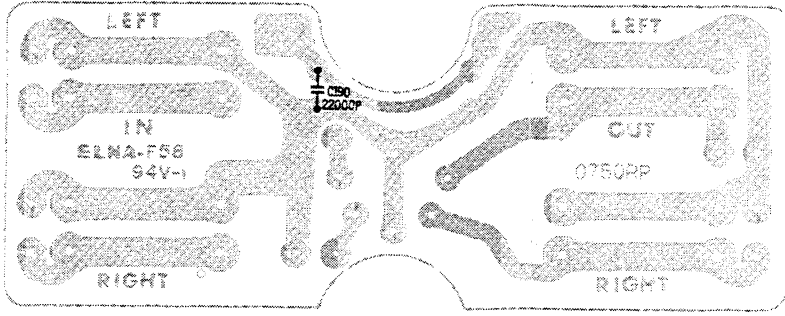
Mic and Meter Amp. Circuit Board



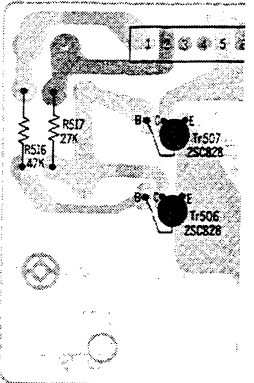
Line-out Headphone Amp. Circuit



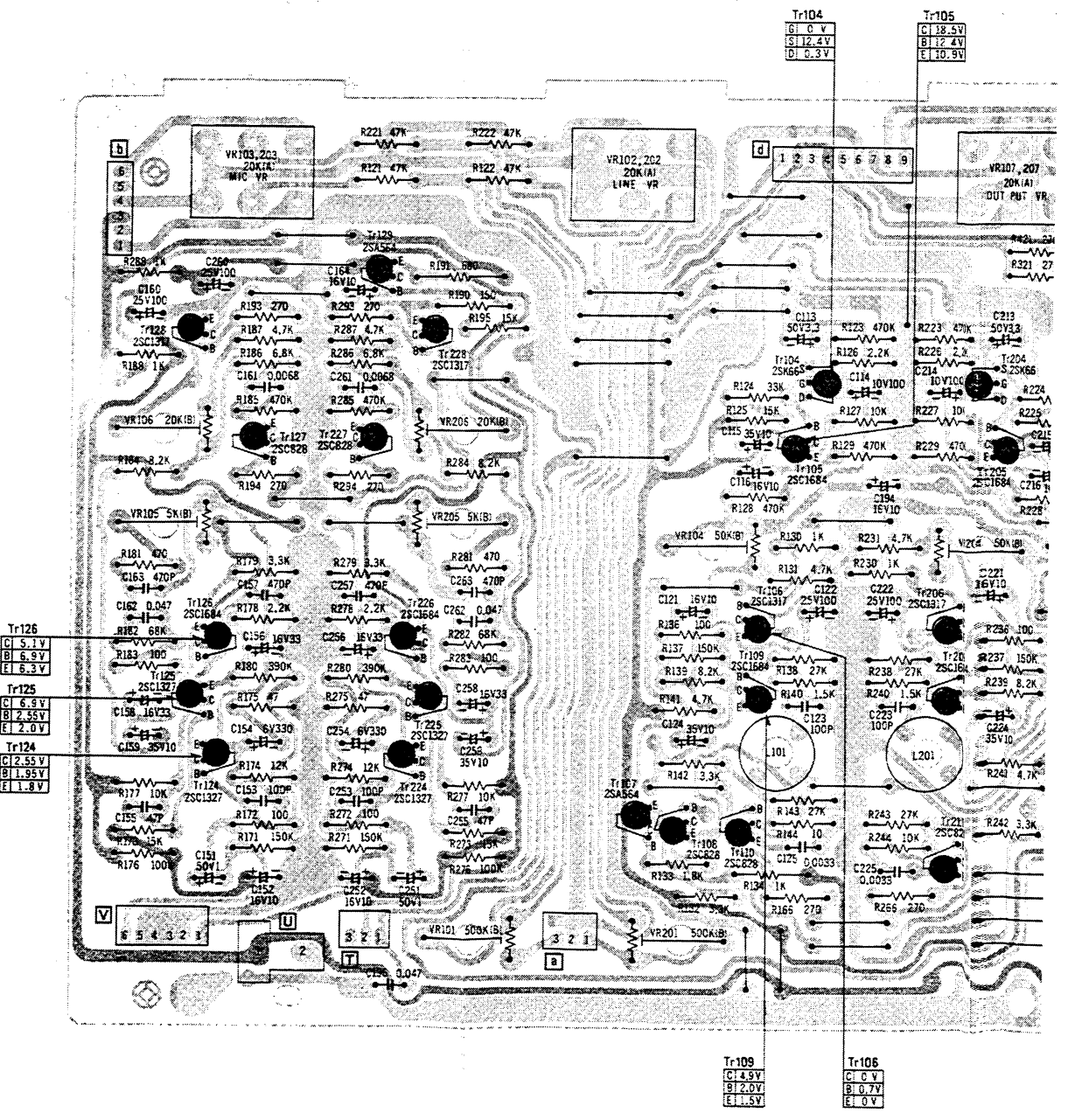
Jack Circuit Board



Tr507 Circu



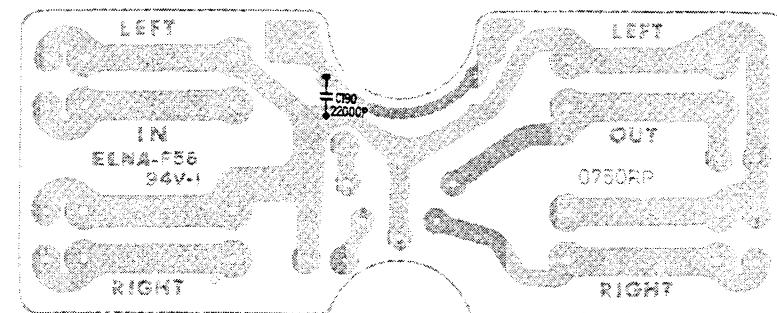
Main Amp. Circuit Board



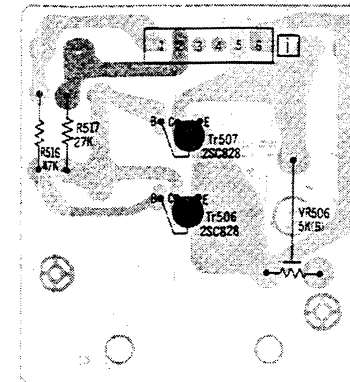
**NOTE:**  
The circuit shown in red on the conductor is B circuit.  
Values indicated in   are DC voltage between the chassis and electrical parts.  
Voltages shown in ( ) are voltages when plunger is in "ON" condition.

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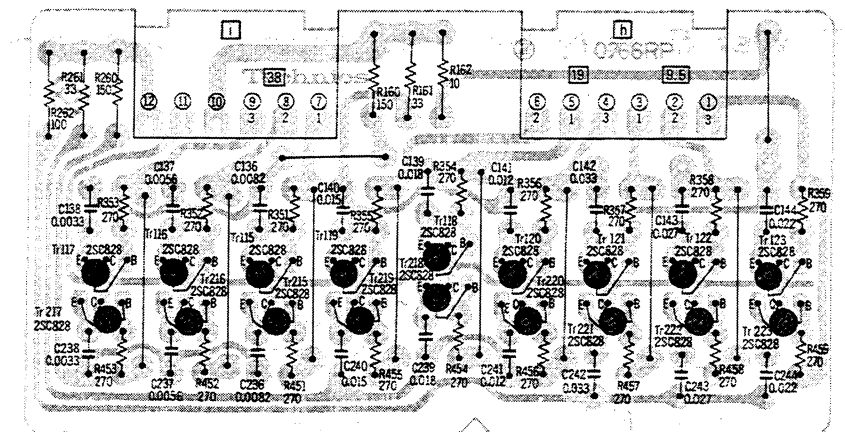
Jack Circuit Board



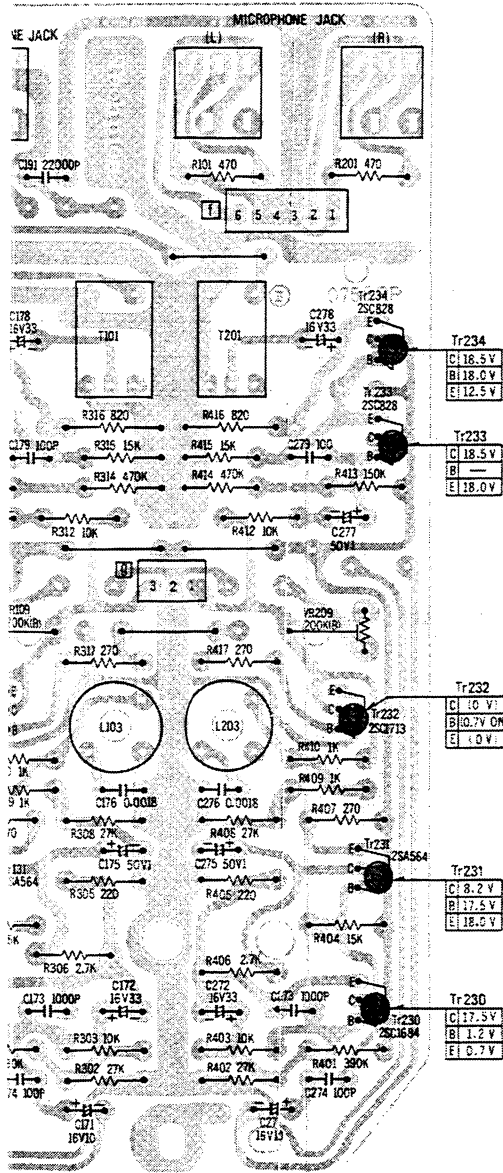
Tr507 Circuit Board



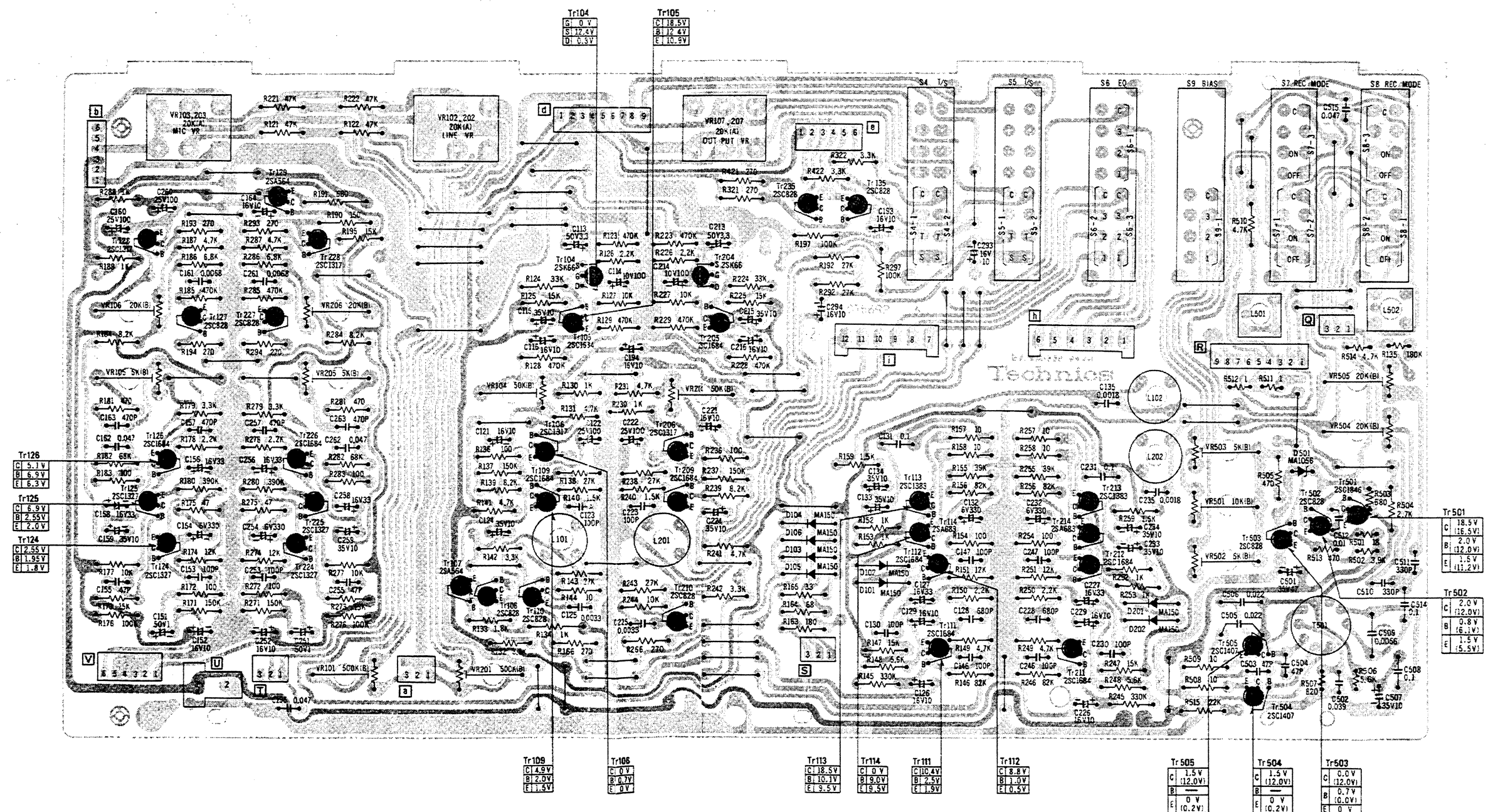
Equalization Circuit Board



Headphone Amp. Circuit



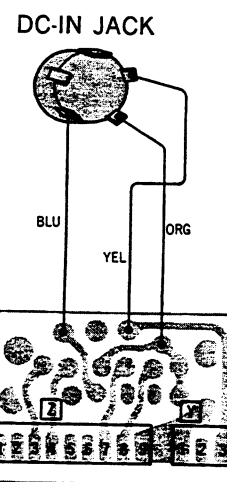
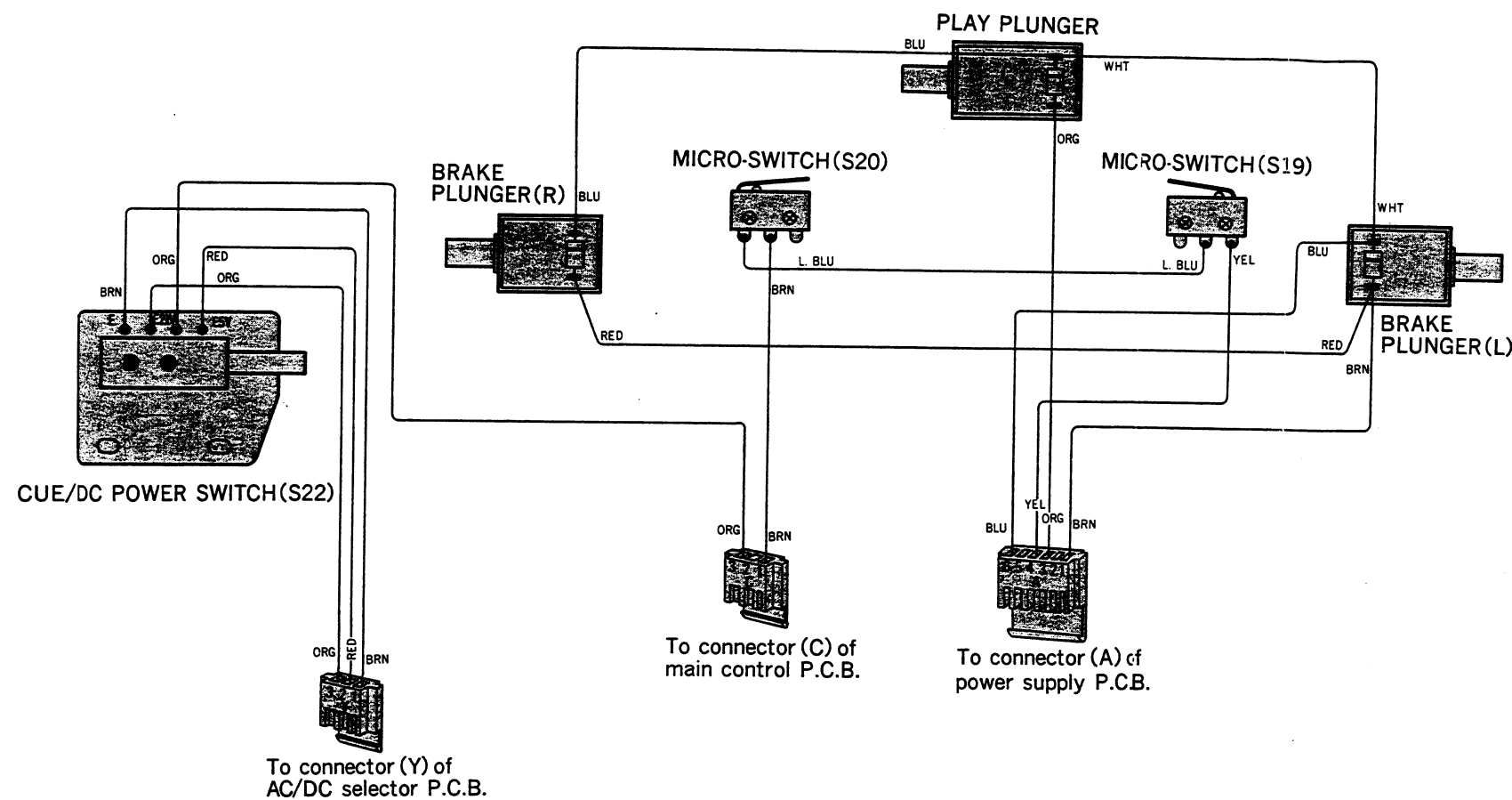
Main Amp. Circuit Board



14 RS 1500 US

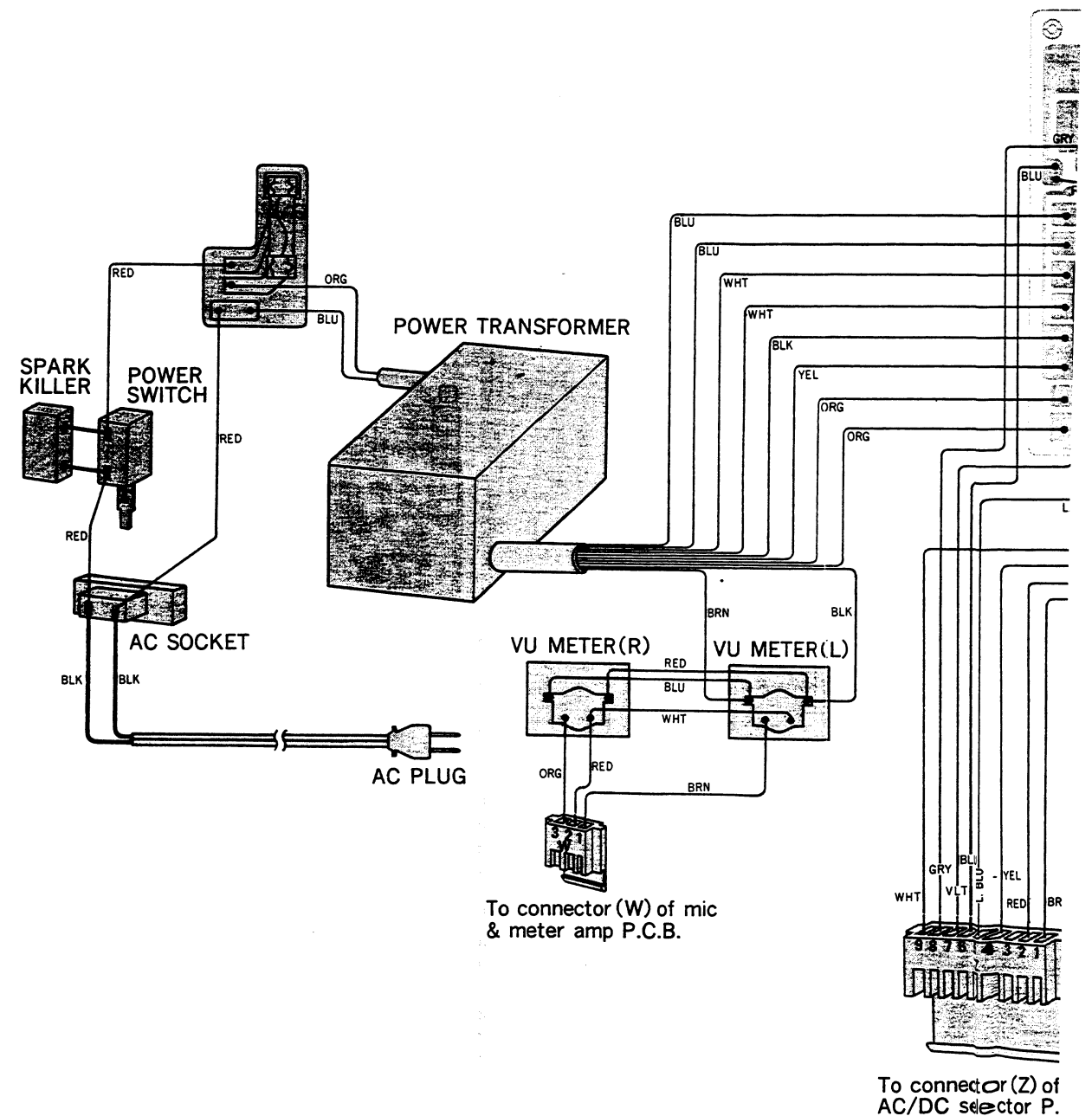
# WIRING CONNECTION DIAGRAM MODEL RS-1500US

Power Supply Section, Plunger and Micro Switch Section



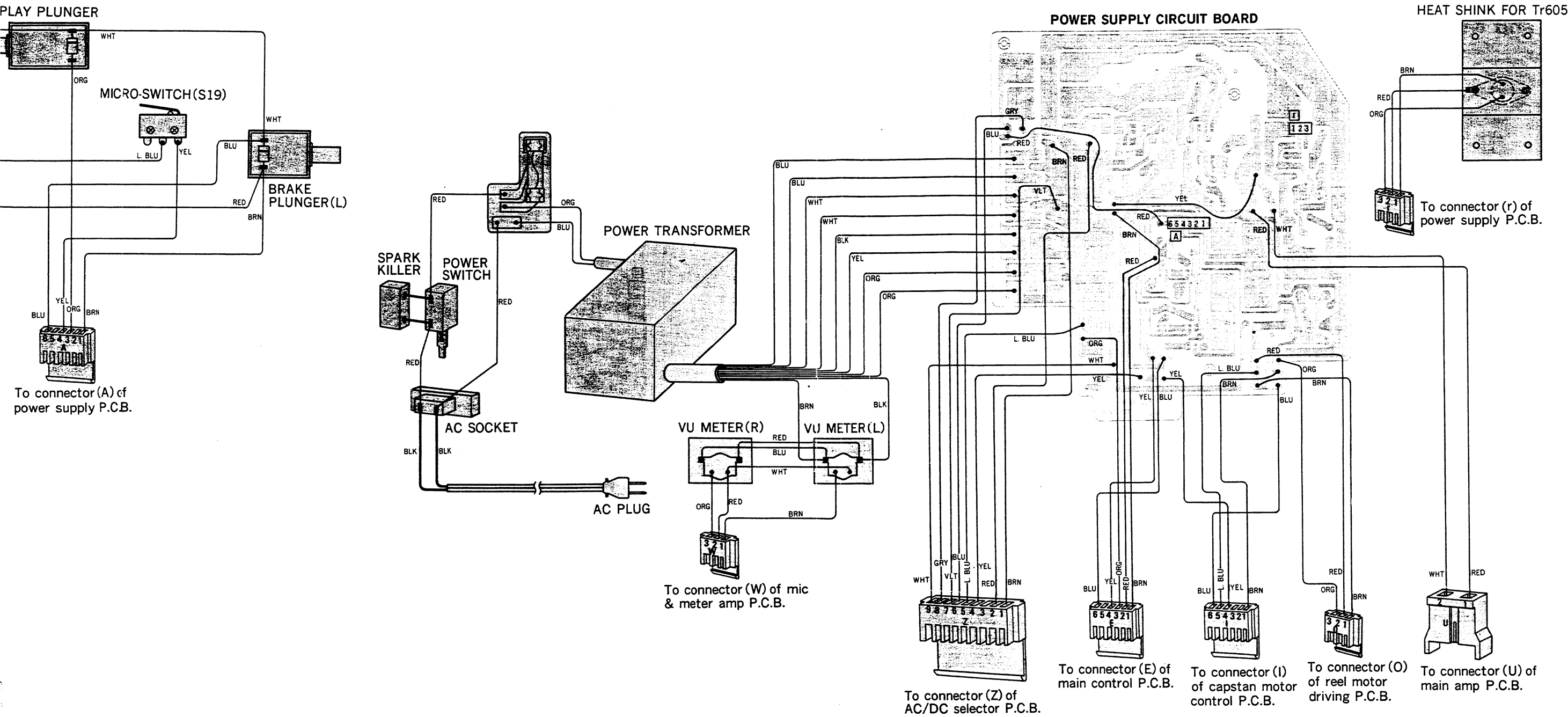
## NOTE:

BLK .....Black  
 BLU .....Blue  
 BRN .....Brown  
 GRY .....Gray  
 GRN .....Green  
 L. BLU...Light Blue  
 NIL .....No Color Mark  
 ORG .....Orange  
 PNK .....Pink  
 RED .....Red  
 SLD .....Shield Wire  
 VLT .....Violet  
 WHT .....White  
 YEL .....Yellow



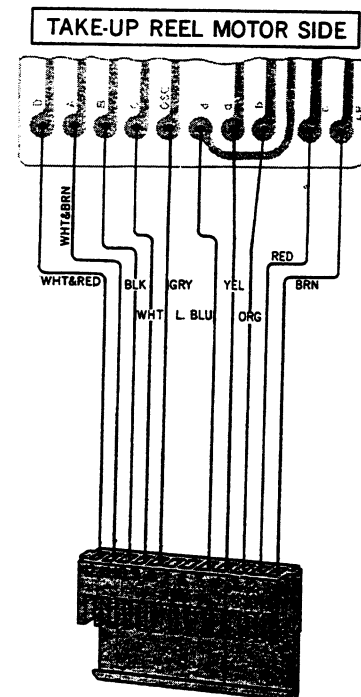
MODEL RS-1500US

Section

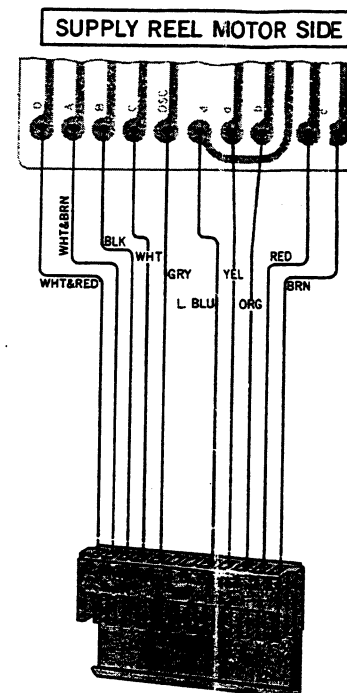
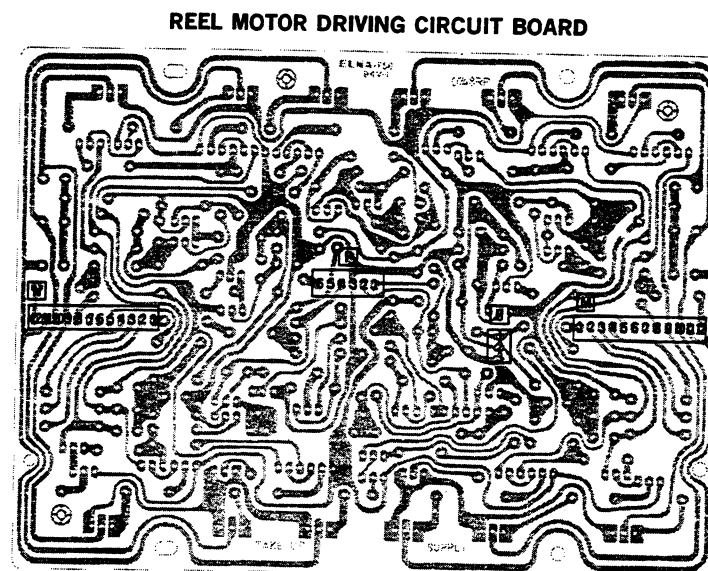


# WIRING CONNECTION DIAGRAM MODEL RS-1500US

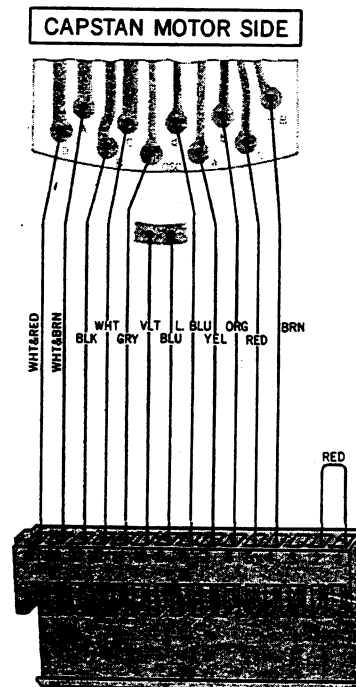
## Reel, Capstan and Main Control Section



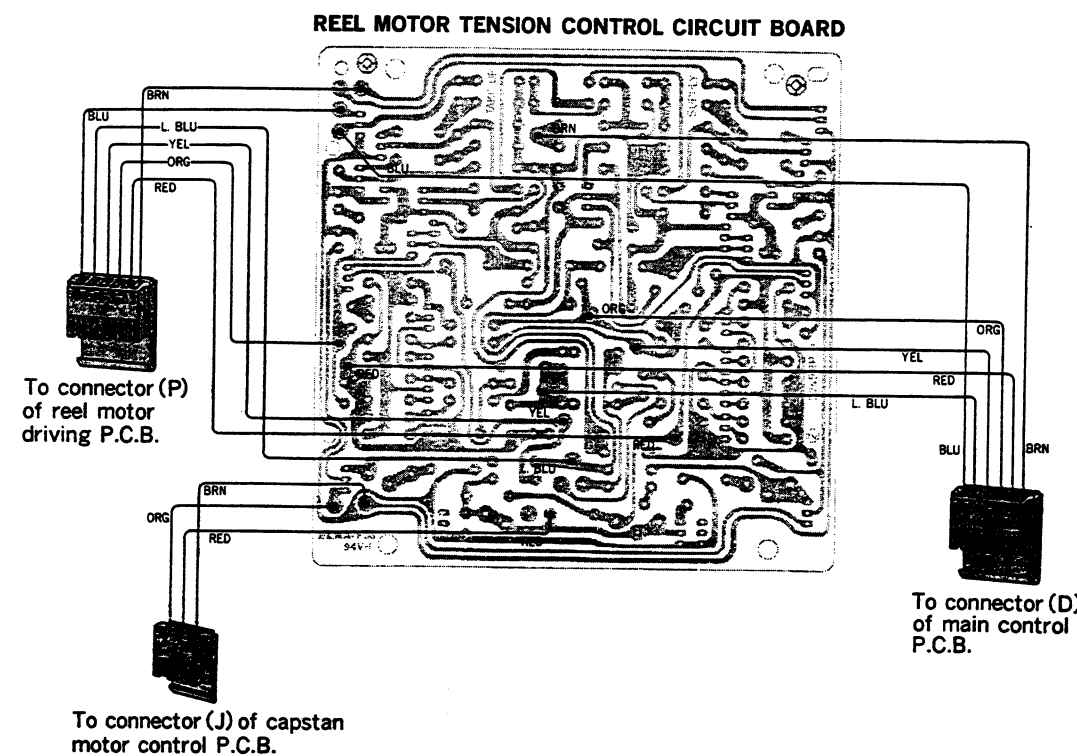
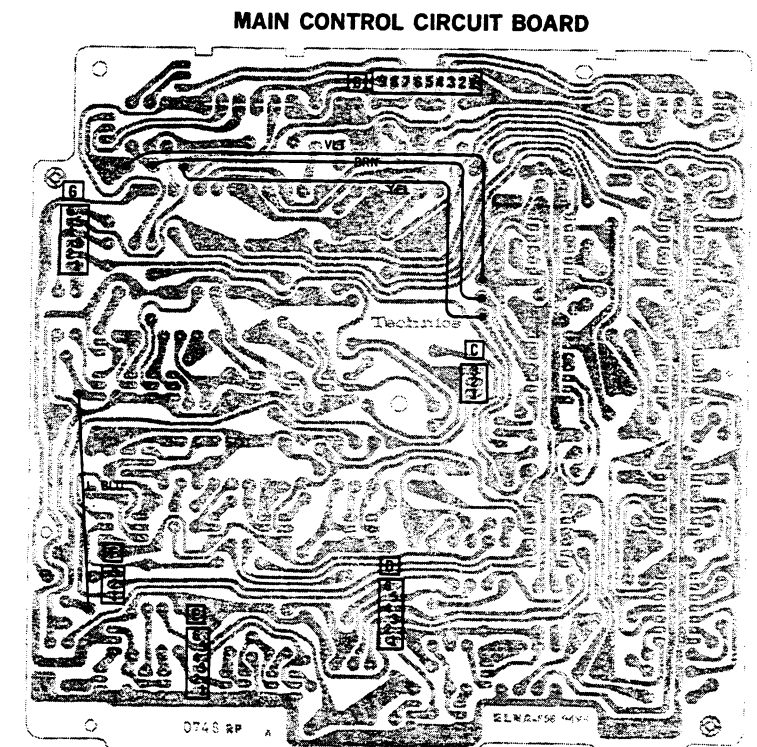
To connector (N) of reel motor driving P.C.B.



To connector (M) of reel motor driving P.C.B.



To connector (H) of capstan motor control P.C.B.

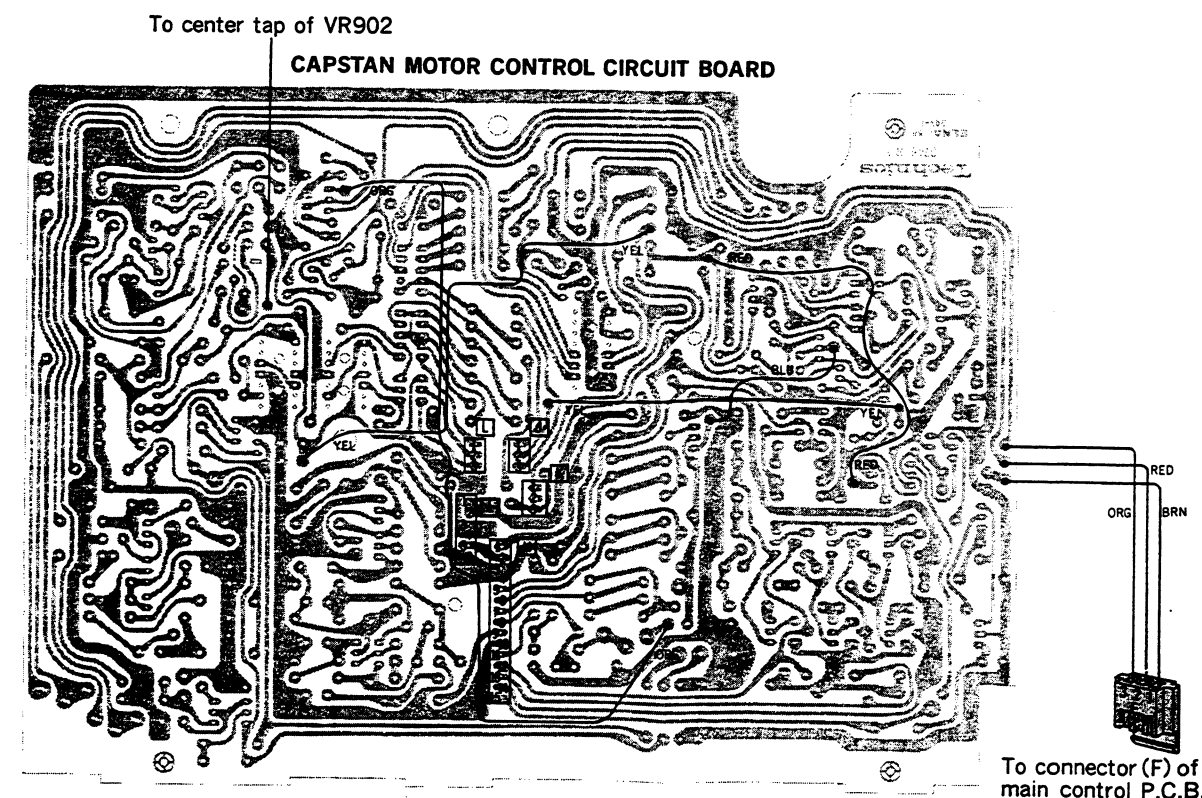


To connector (P) of reel motor driving P.C.B.

To connector (J) of capstan motor control P.C.B.

To connector (D) of main control P.C.B.

NOTE:  
 BLK .....Black  
 BLU .....Blue  
 BRN .....Brown  
 GRY .....Gray  
 GRN .....Green  
 L. BLU.....Light Blue  
 NIL .....No Color Mark  
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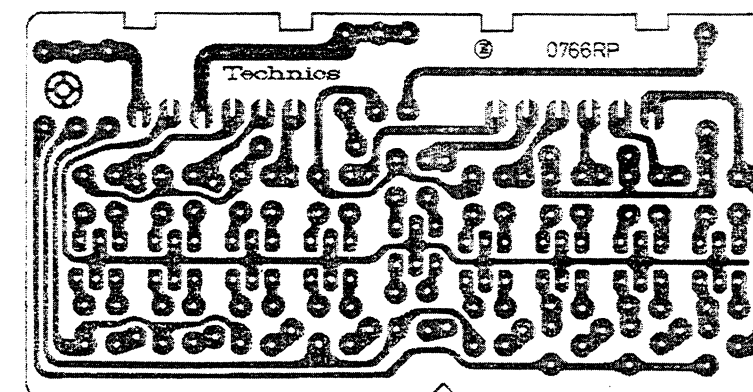
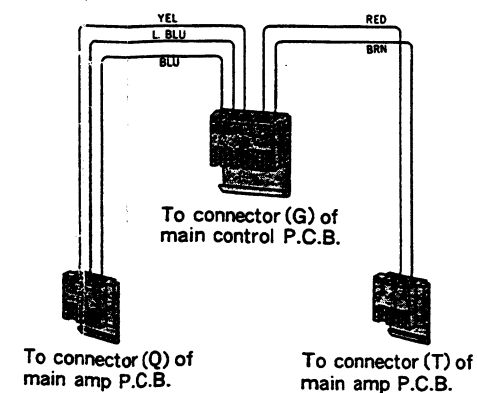
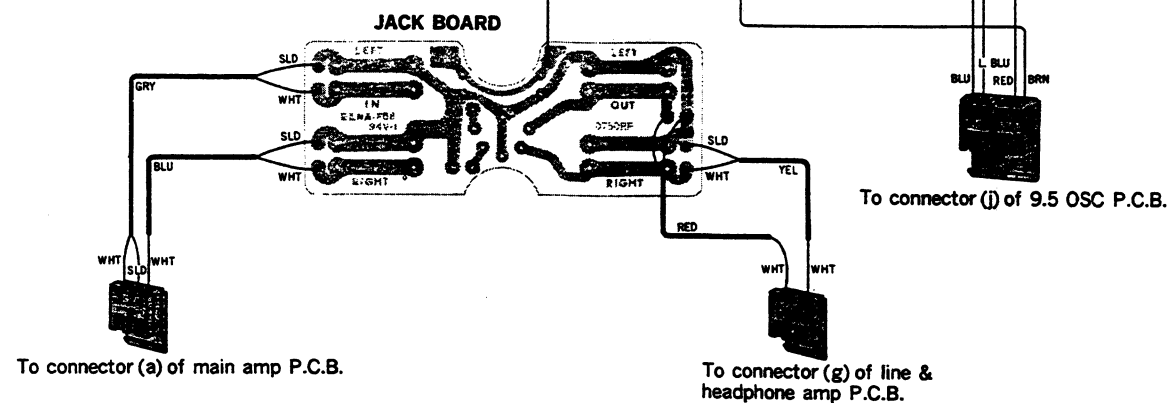
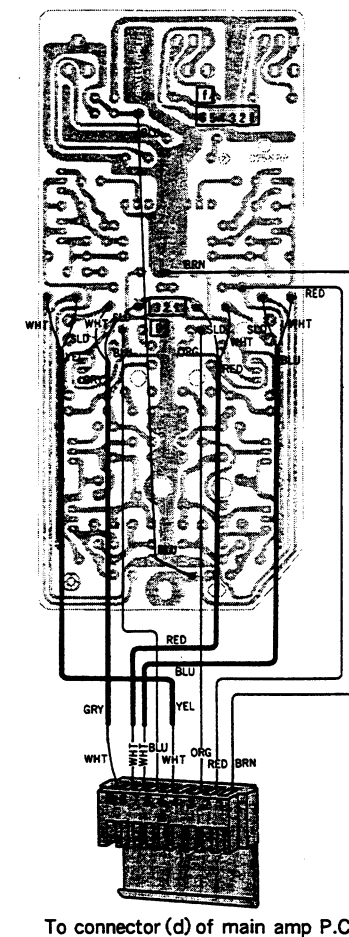
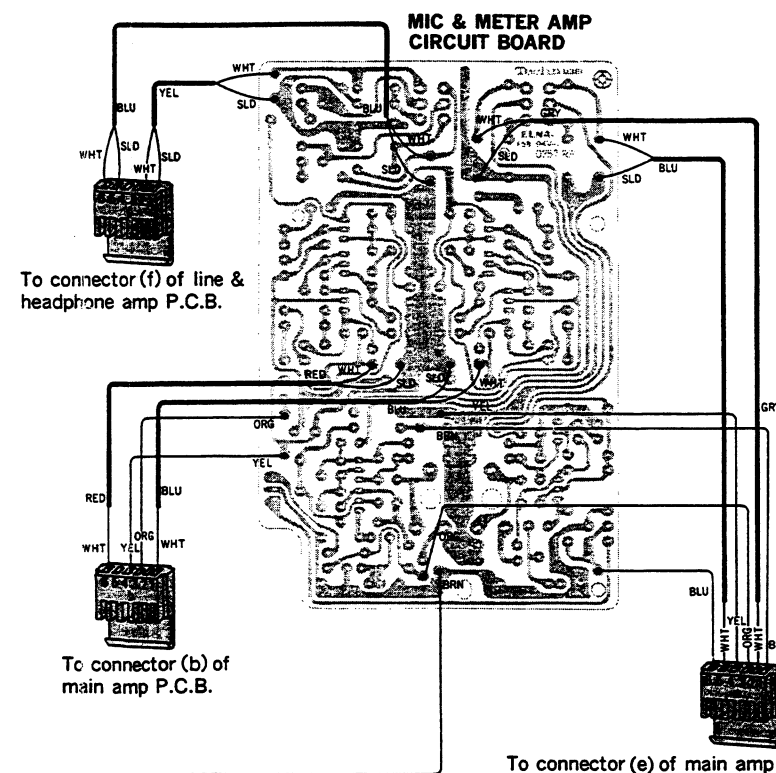
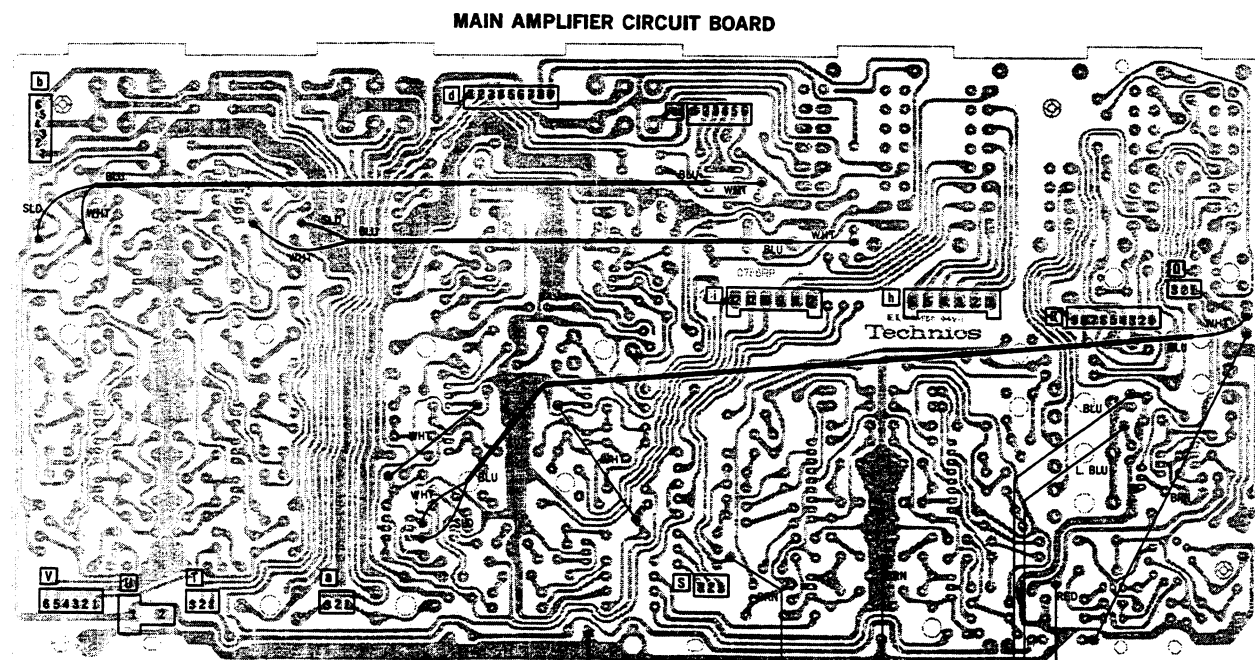
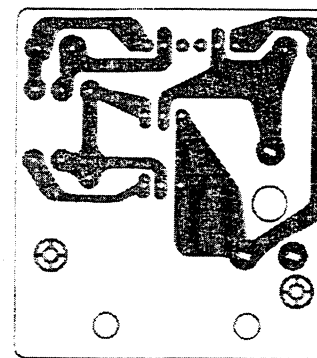
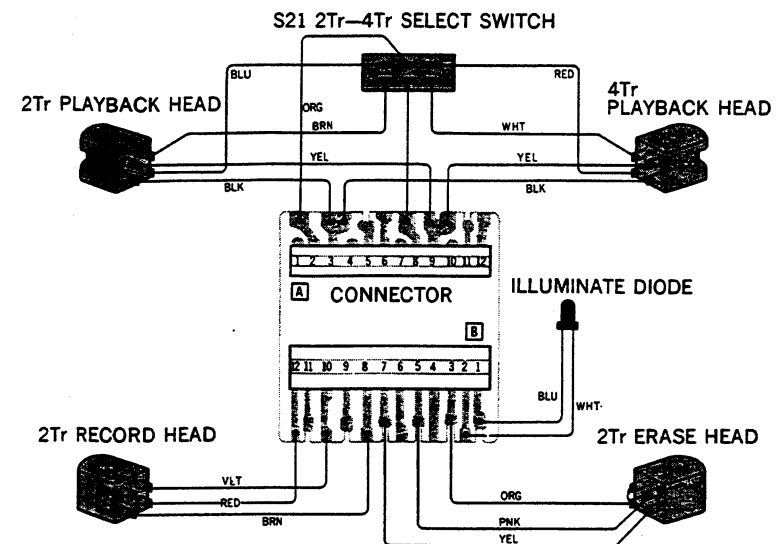
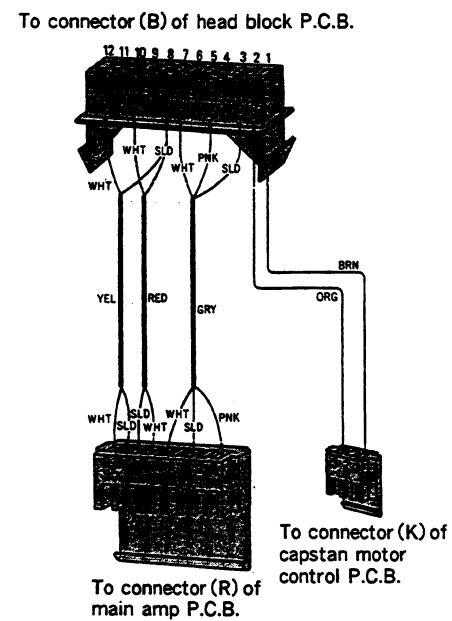
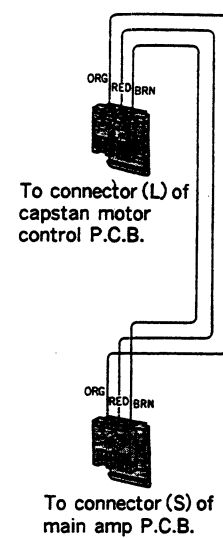
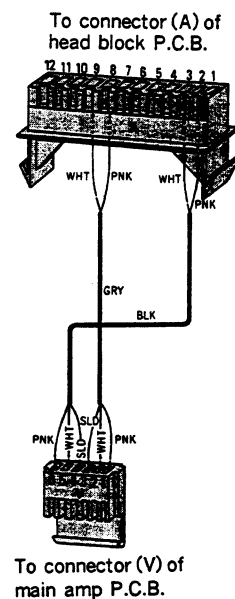


To connector (F) of main control P.C.B.

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## WIRING CONNECTION DIAGRAM MODEL RS-1500US

## Main, Mic and Line Amp. Section

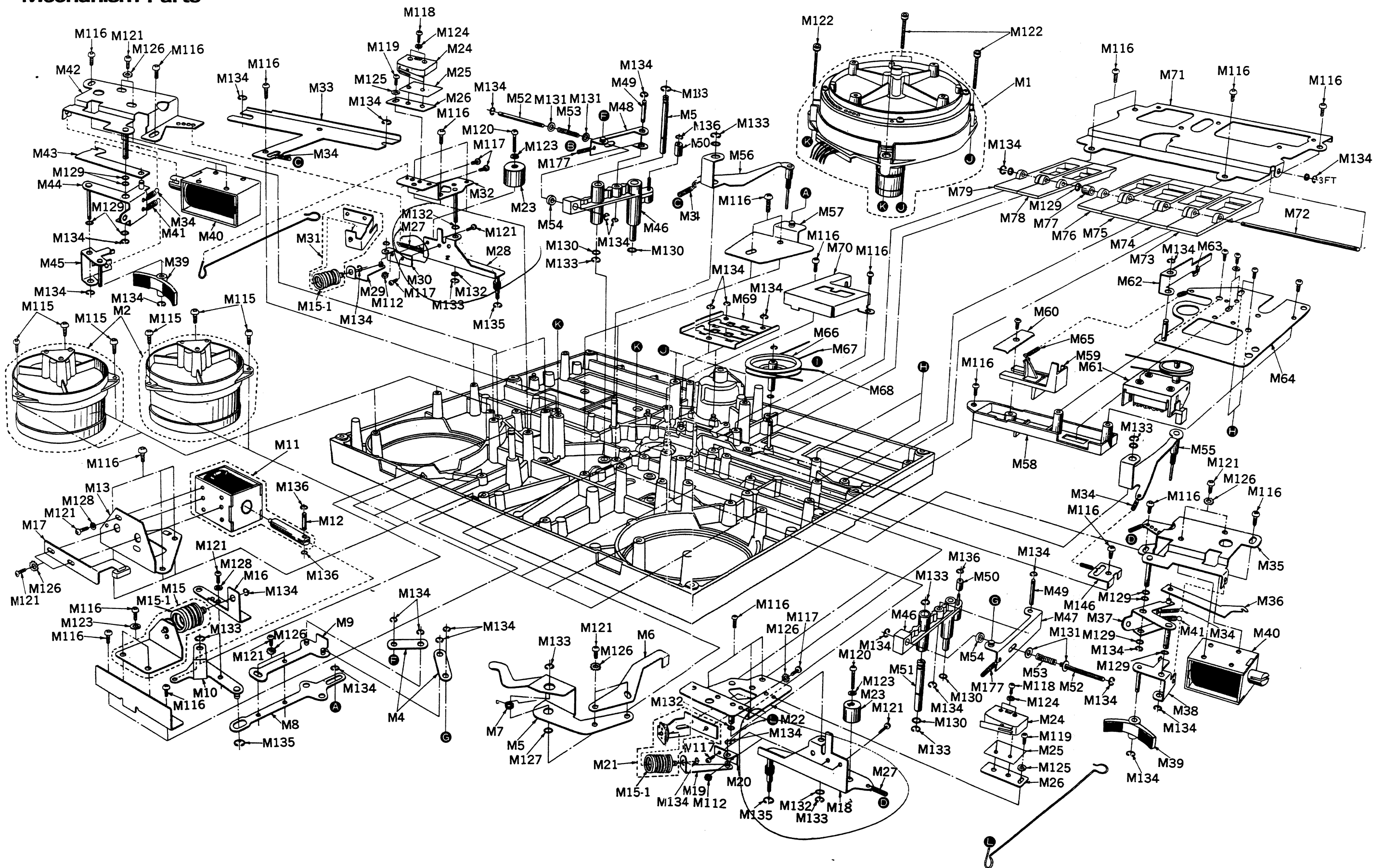


**NOTE:**

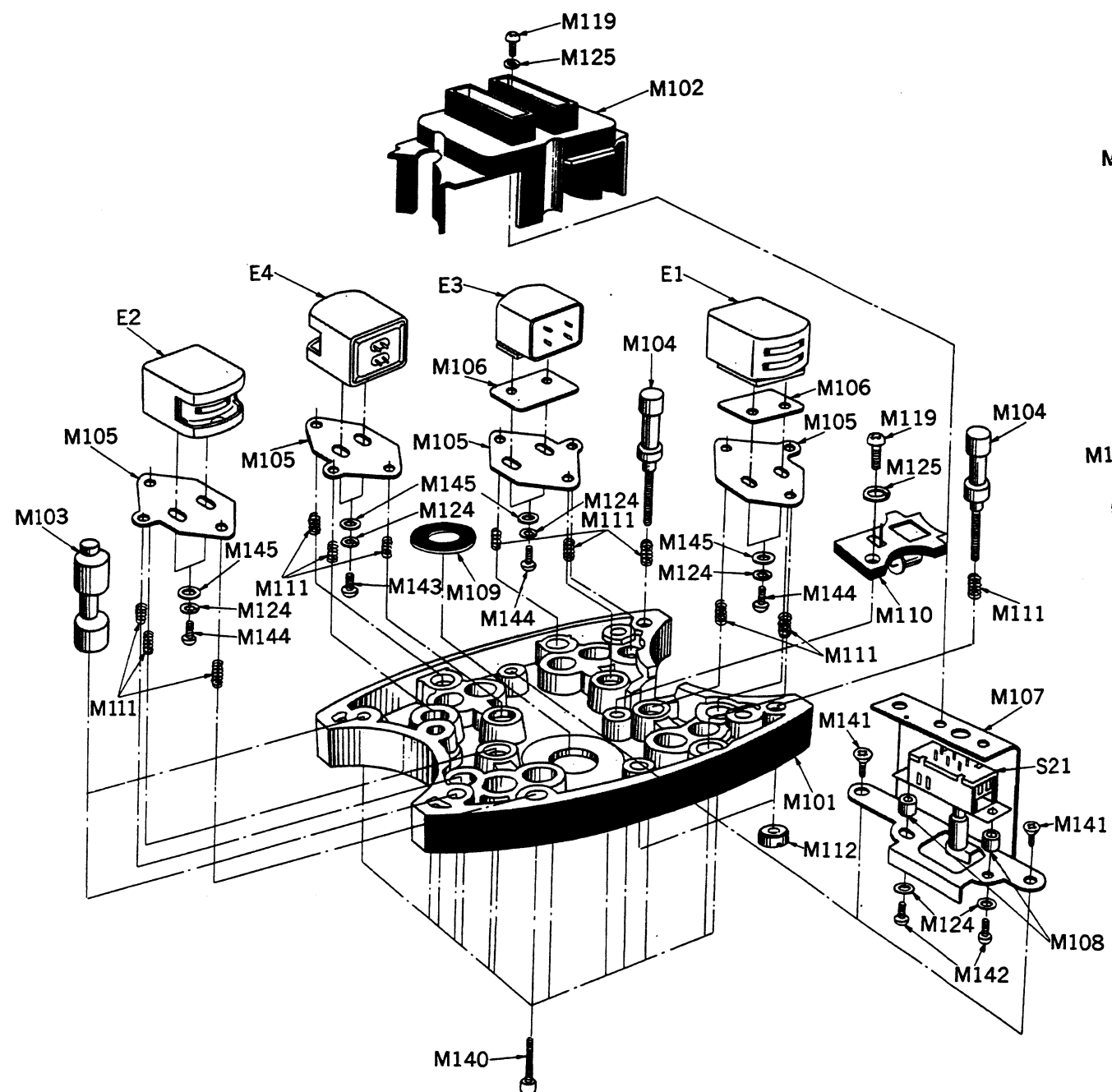
BLK .....Black  
BLU .....Blue  
BRN .....Brown  
GRY .....Gray  
GRN .....Green  
L. BLU...Light Blue  
NIL .....No Color Mark  
ORG .....Orange  
PNK .....Pink  
RED .....Red  
SLD .....Shield Wire  
VLT .....Violet  
WHT ...White  
YEL .....Yellow

# EXPLODED VIEWS

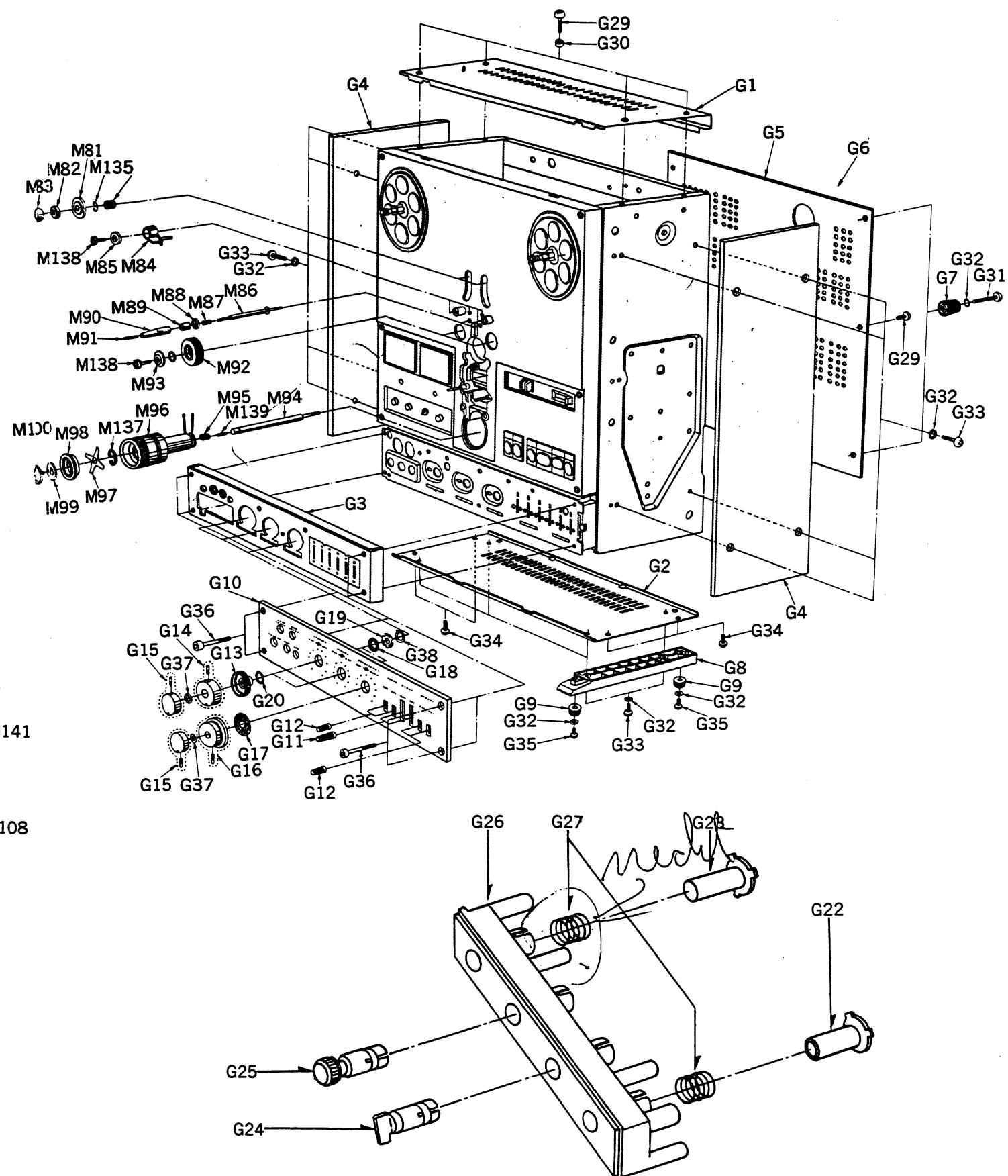
## Mechanism Parts



## Mechanism Parts

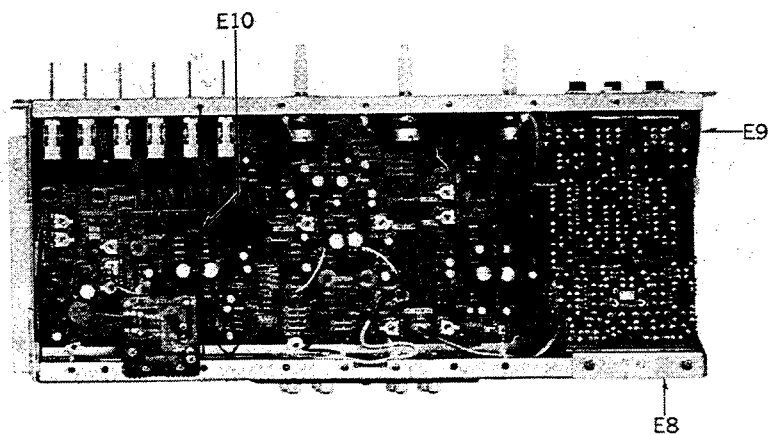
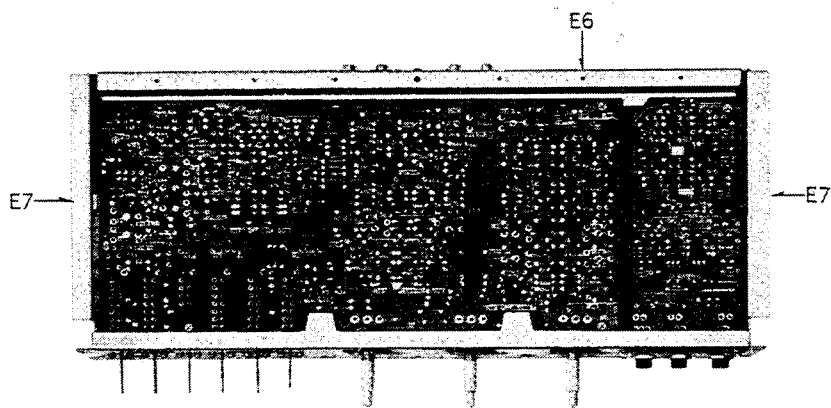
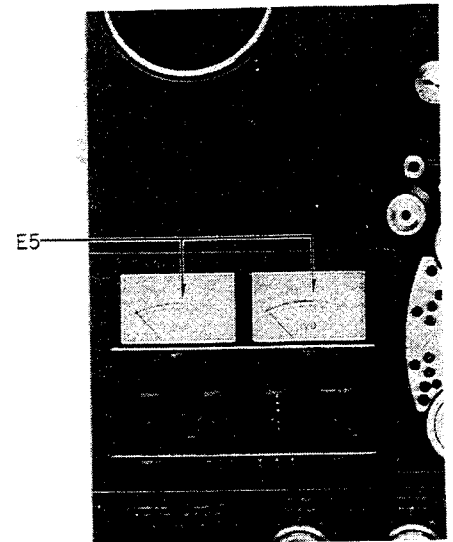
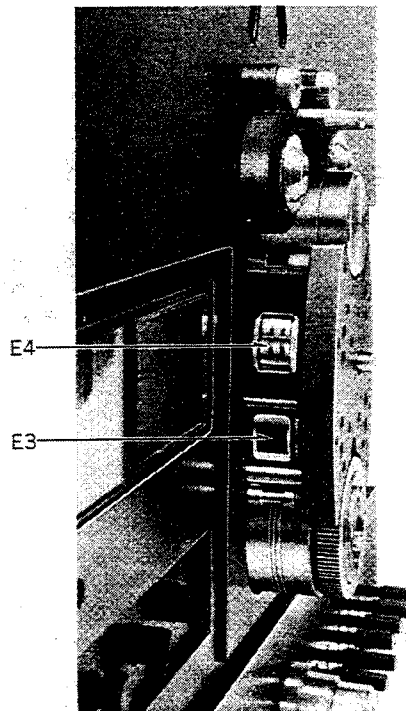
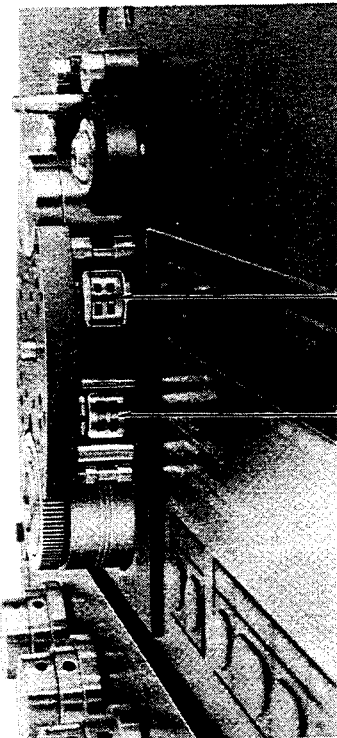


## Mechanism and Cabinet Parts

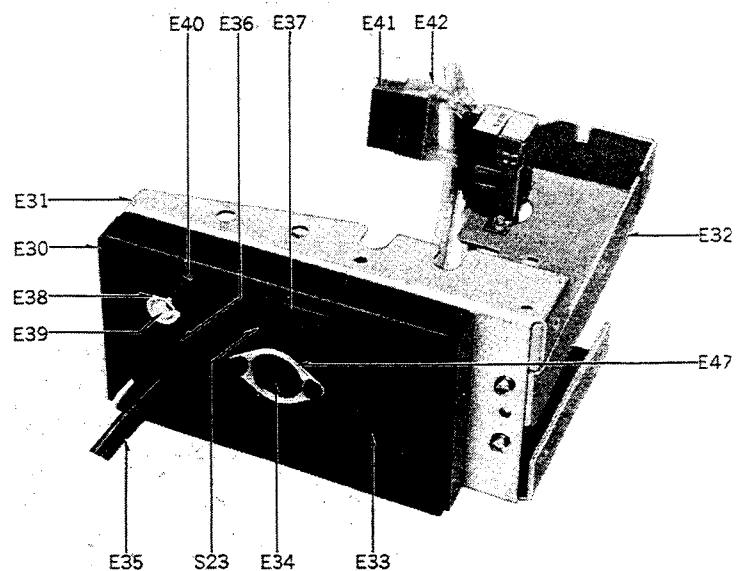
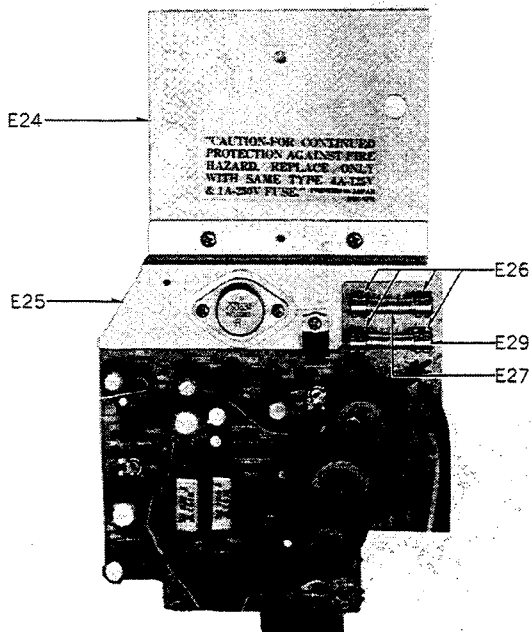
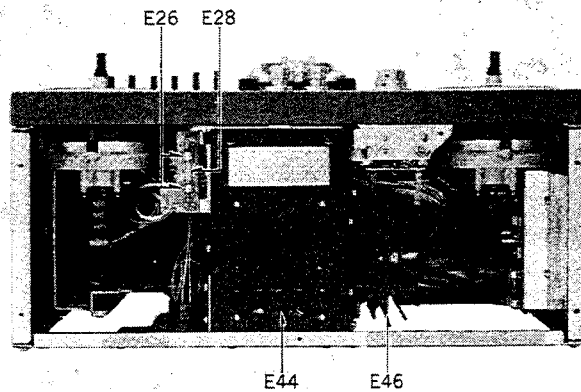
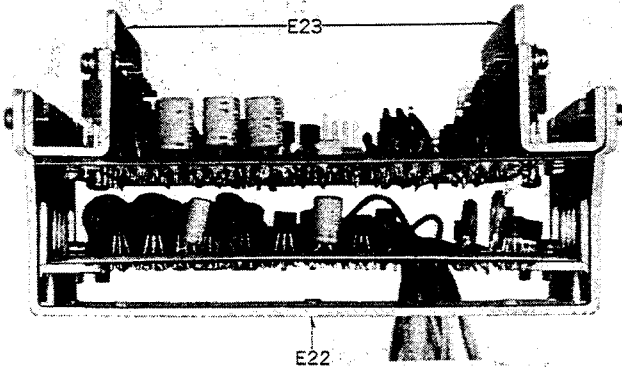
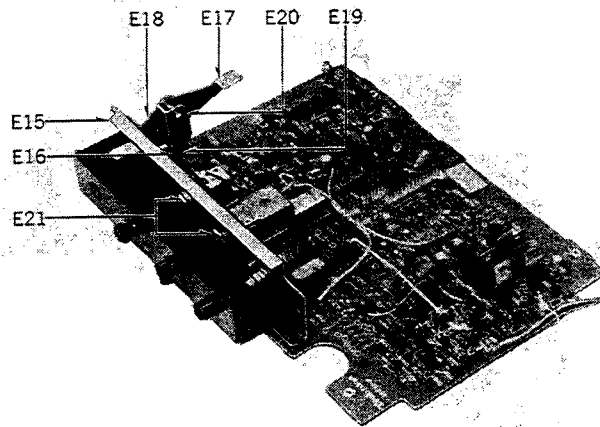
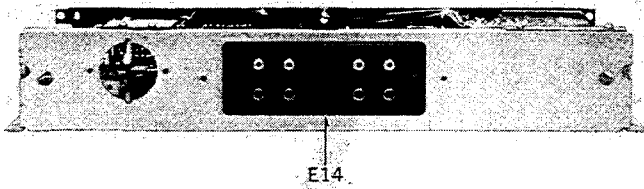
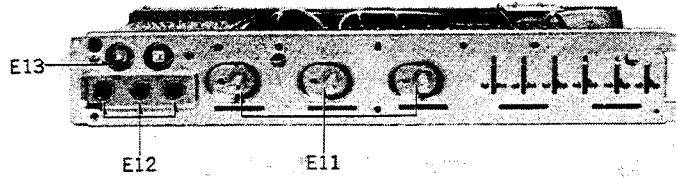


⑨ 251500 UJ

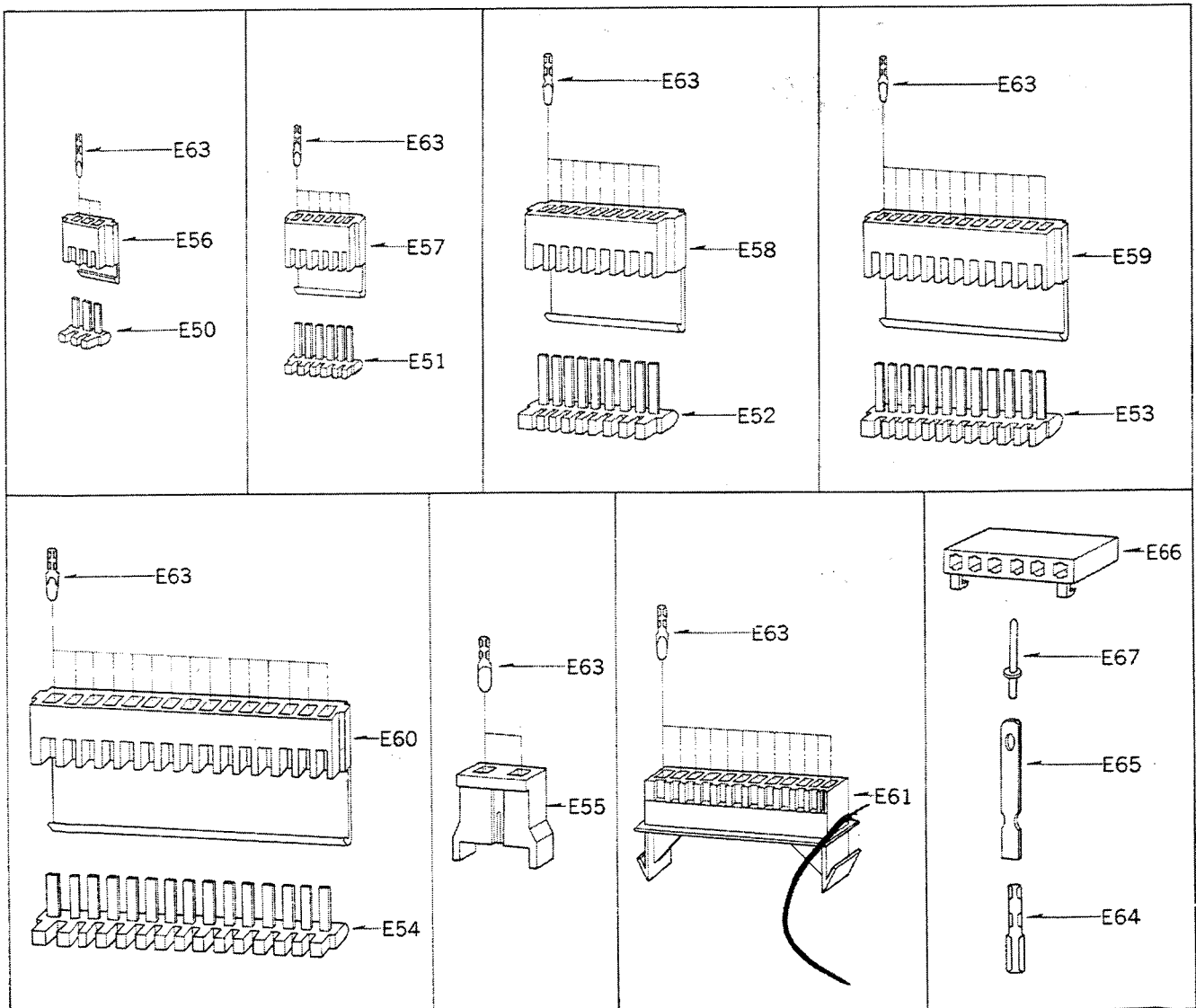
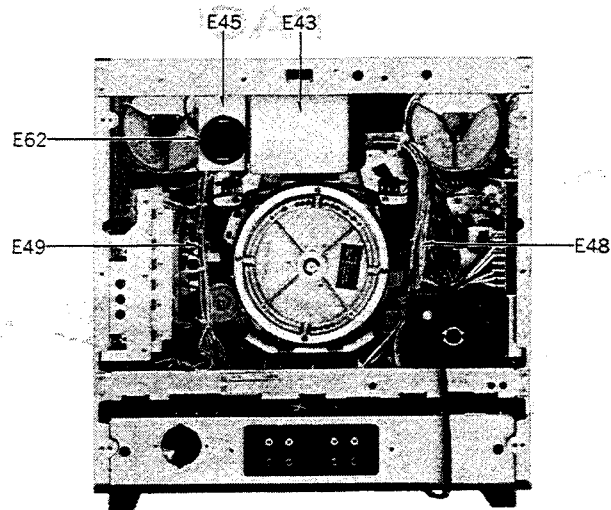
## ELECTRICAL PARTS LOCATION



25/100 UJ (20)

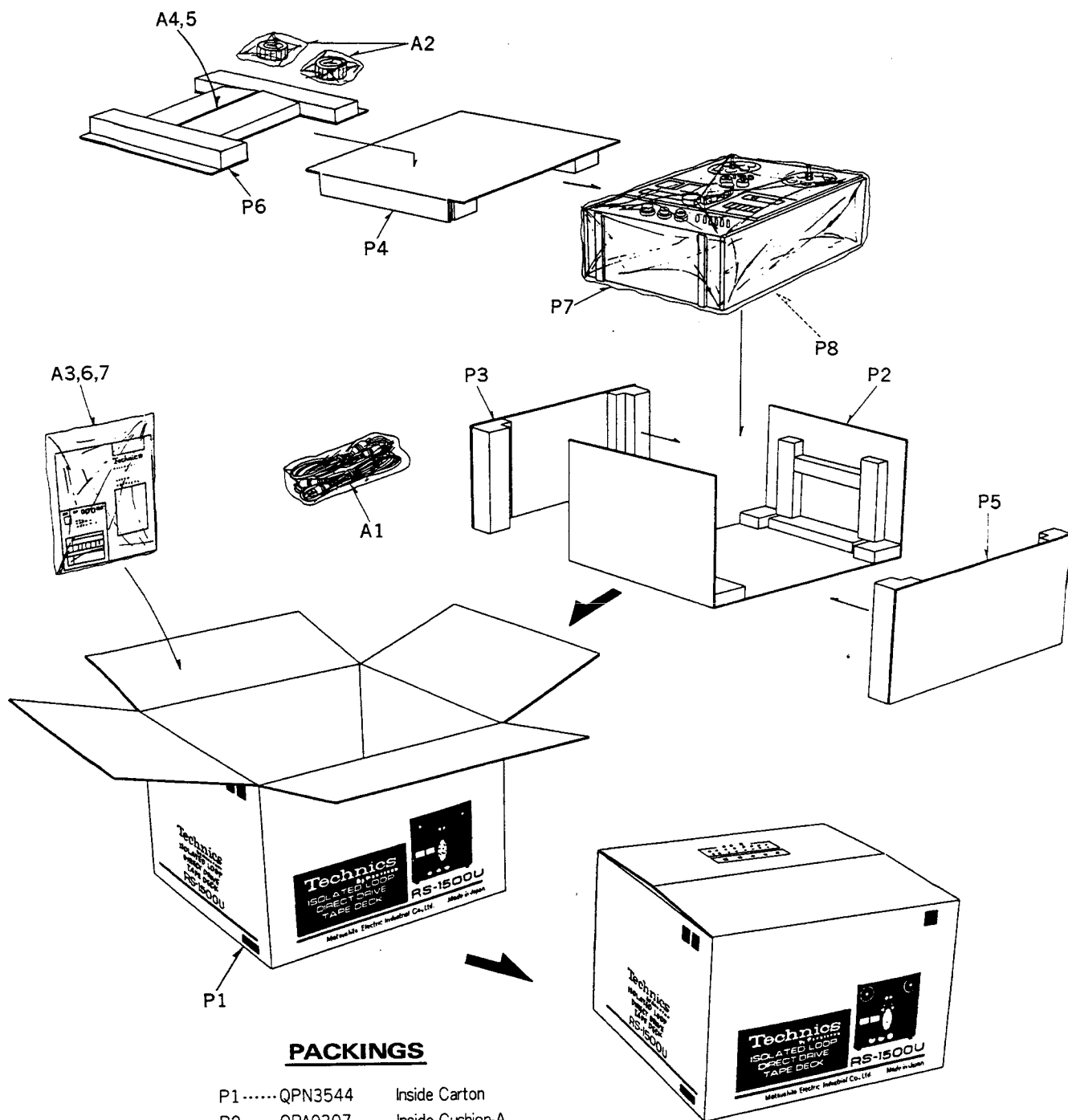


(21) 251100 US



**(22) RS-1500 U**

## COMPONENT PACKING



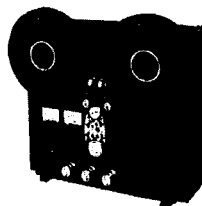
### PACKINGS

|                |                         |
|----------------|-------------------------|
| P1.....QPN3544 | Inside Carton           |
| P2.....QPA0307 | Inside Cushion-A        |
| P3.....QPA0308 | Inside Cushion-B        |
| P4.....QPA0309 | Inside Cushion-C        |
| P5.....QPA0310 | Inside Cushion-D        |
| P6.....QPA0311 | Inside Cushion-E        |
| P7.....QPC0037 | Poly Bag for Main Unit  |
| P8.....QPQ1052 | Poly Bag for Power Cord |

# REPLACEMENT PARTS LIST MODEL RS-1500US (Technics)

RS-1500US

**ATTENTION:**  
Important notice:  
Components identified by shaded area have special characteristics important for safety. When replacing any of these components use only manufacturer's specified parts.



RS-1500US

| Ref. No. | Part No.      | Part Name & Description       | Pcs/ Set | Remarks   |
|----------|---------------|-------------------------------|----------|-----------|
|          |               | <b>MECHANICAL PARTS</b>       |          |           |
| M1       | QXS1090       | Capstan Motor Assembly        | 1        |           |
| M2       | QXD0077 (C70) | Reel Motor (Rotor) Assembly   | 2        |           |
| M4       | QMR1531       | Connection Rod                | 2        |           |
| M5       | QML3007       | Cue Lever                     | 1        |           |
| M6       | QMF1852A      | Adjustment Plate              | 1        |           |
| M7       | QBN1346A      | Spring                        | 1        | RS-284S   |
| M8       | QMF1855A      | Control Plate                 | 1        |           |
| M9       | QXH0259       | Adjustment Plate Assembly     | 1        |           |
| M10      | QXL1107       | Driving Lever Assembly        | 1        |           |
| M11      | QME0138A      | Plunger (for Pressure Roller) | 1        | RS-1030US |
| M12      | QMN2168       | Plunger Pin                   | 1        |           |
| M13      | QMF1874A      | Plunger Holding Plate         | 1        |           |
| M15      | QXQ0097       | Air Damper Assembly           | 1        |           |
| M15-1    | QBG1561       | Bellows                       | 3        |           |
| M16      | QMA3124       | Air Damper Angle              | 1        |           |
| M17      | QMA2965       | Stopper Angle                 | 1        |           |
| M18      | QXL1106A      | Tension Lever (R) Assembly    | 1        |           |
| M19      | QXR0307       | Air Damper Rod (R) Assembly   | 1        |           |
| M20      | QMA2984       | Air Damper Holding Angle      | 1        |           |
| M21      | QXQ0015       | Air Damper (R) Assembly       | 1        |           |
| M22      | QXH0258       | Tension Lever Holding Plate   | 1        |           |
| M23      | QMC0052       | Spacer                        | 2        |           |
| M25      | QBK1217       | Isolation Sheet               | 2        | RS-671AUS |
| M26      | QMF1682       | Micro Switch Mounting Plate   | 2        | "         |
| M27      | QBC1189       | Spring                        | 2        | RS-740US  |
| M28      | QXL1105A      | Tension Lever (L) Assembly    | 1        |           |

| Ref. No. | Part No.  | Part Name & Description              | Pcs/ Set | Remarks  |
|----------|-----------|--------------------------------------|----------|----------|
| M29      | QXR0308   | Air Damper Rod (L) Assembly          | 1        |          |
| M30      | QMA2985   | Air Damper Holding Angle             | 1        |          |
| M31      | QXQ0096   | Air Damper (L) Assembly              | 1        |          |
| M32      | QXH0257   | Tension Lever Holding Plate          | 1        |          |
| M33      | QMF1860B  | Meter Holding Plate                  | 1        |          |
| M34      | QBT1687M  | Spring                               | 2        | RS-625US |
| M35      | QXA0607   | Angle (R) Assembly                   | 1        |          |
| M36      | QMR1572A  | Rod (R)                              | 1        |          |
| M37      | QXL1111   | Arm (R) Assembly                     | 1        |          |
| M38      | QXL1109   | Sub-arm (R) Assembly                 | 1        |          |
| M39      | QXL1112   | Brake Lever Assembly                 | 2        |          |
| M40      | QME0147BK | Plunger (for Brake)                  | 2        |          |
| M41      | QBT1420   | Spring                               | 1        | RQ-437S  |
| M42      | QXA0606   | Angle (L) Assembly                   | 1        | "        |
| M43      | QMR1571A  | Rod (L)                              | 1        | "        |
| M44      | QXL1110   | Arm (L) Assembly                     | 1        | "        |
| M45      | QXL1108   | Sub-arm (L) Assembly                 | 1        | "        |
| M46      | QXL1098   | Pressure Roller Lever Assembly       | 2        | "        |
| M47      | QXL1104   | Pressure Roller Sub-arm (R) Assembly | 1        | "        |
| M48      | QXL1103   | Pressure Roller Sub-arm (L) Assembly | 1        | "        |
| M49      | QMN2139   | Shaft (1)                            | 2        | "        |
| M50      | QDP1704   | Roller                               | 1        | "        |
| M51      | QMS2428A  | Shaft (2)                            | 2        | "        |
| M52      | QMN2140   | Shaft (3)                            | 2        | "        |
| M53      | QBC1071   | Spring                               | 2        | "        |
| M54      | QMC0053   | Spacer                               | 2        | "        |
| M55      | QXL1073   | Shifter Arm (R) Assembly             | 1        | "        |
| M56      | QXL1072   | Shifter Arm (L) Assembly             | 1        | "        |
| M57      | QXH0248   | Mask Plate Assembly                  | 1        | "        |
| M58      | QMH2004B  | Cue Holder                           | 1        | "        |
| M59      | QGO1284   | Cue Button                           | 1        | "        |
| M60      | QMF1862   | Stopper Plate                        | 1        | "        |
| M61      | QDC0087   | Counter                              | 1        | "        |
| M62      | QML3024   | Stopper Arm                          | 1        |          |
| M63      | QBG1132   | Stopper Rubber                       | 1        | RS-630US |

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## RS-1500US

## RS-1500US

| Ref. No. | Part No. | Part Name & Description        | Pcs/<br>Set | Remarks   |
|----------|----------|--------------------------------|-------------|-----------|
| M64      | QXA0608  | Counter Holding Plate Assembly | 1           |           |
| M65      | QBT1601M | Spring                         | 1           |           |
| M66      | QDP1702  | Intermediate Pulley            | 1           |           |
| M67      | QDB0215  | Counter Belt-A                 | 1           | RS-671AUS |
| M68      | QDB0173  | "                              | 1           | RS-1030US |
| M69      | QMF1863  | Wires Connector Holding Angle  | 1           |           |
| M70      | QMA2955  | Wires Connector Cover Angle    | 1           |           |
| M71      | QMF1850  | Function Buttons Holding Plate | 1           |           |
| M72      | QMN2142  | Function Buttons Holding Shaft | 1           |           |
| M73      | QGO1278  | Fast Forward Button            | 1           |           |
| M74      | QGO1282  | Play Button                    | 1           |           |
| M75      | QGO1283  | Stop Button                    | 1           |           |
| M76      | QGO1279  | Rewind Button                  | 1           |           |
| M77      | QMC0050  | Collar                         | 1           |           |
| M78      | QGO1280  | Pause Button                   | 1           |           |
| M79      | QGO1281  | Record Button                  | 1           |           |
| M80      | QBM1227  | Cushion                        | 1           |           |
| M81      | QMG0033  | Tape Guide-1 of Shifter Arm    | 2           |           |
| M82      | XLCQ0001 | Roller                         | 2           |           |
| M83      | QMG0034  | Tape Guide-2 of Shifter Arm    | 2           |           |
| M84      | QKJ0200  | Tape Marker                    | 2           |           |
| M85      | QMC0054  | Spacer                         | 2           |           |
| M86      | QMS2428A | Tape Guide Shaft               | 2           |           |
| M87      | QBC1087  | Tape Guide Spring              | 2           | RS-796US  |
| M88      | QMG0046  | Tape Guide-3                   | 2           |           |
| M89      | QMG0045  | Tape Guide-4                   | 2           |           |
| M90      | QMG0031  | Tape Guide-5                   | 2           |           |
| M91      | QHJ1247  | Screw with Hexagon Hole        | 2           |           |
| M92      | QXP0544A | Pressure Roller Assembly       | 2           |           |
| M93      | QGK2731A | Pressure Roller Ornament       | 2           |           |
| M94      | QMS2430  | Reversing Roller Shaft         | 1           |           |
| M95      | QSC1202  | Spring                         | 1           | RS-1030US |
| M96      | QXP0559  | Reversing Roller Assembly      | 1           |           |
| M97      | QBP1714  | Plate Spring                   | 1           |           |
| M98      | QDP1701  | Roller                         | 1           |           |

| Ref. No. | Part No.   | Part Name & Description | Pcs/<br>Set | Remarks  |
|----------|------------|-------------------------|-------------|----------|
| M99      | QBF1254    | Felt                    | 1           |          |
| M100     | QGK2643    | Roller Ornament         | 1           |          |
| M101     | QMK1598A   | Head Base Plate         | 1           |          |
| M102     | QGC1065A   | Head Bottom Cover       | 1           |          |
| M103     | QMG0029    | Tape Guide-6            | 2           |          |
| M104     | QMG0030    | Tape Guide-7            | 2           |          |
| M105     | QMZ1181A   | Head Sheet-1            | 4           |          |
| M106     | QMF1866    | Head Spacer             | 2           |          |
| M107     | QMA2929A   | Switch Holding Angle    | 1           |          |
| M108     | QMP1330    | Spacer                  | 2           |          |
| M109     | QKJ0164    | Mask                    | 1           |          |
| M110     | QKJ0163    | LED Holder              | 1           |          |
| M111     | QBC1180    | Head Mounting Spring    | 14          | RS-715US |
| M112     | QNG1069    | Nut                     | 4           |          |
| M115     | XTN4+14B   | Screw 4×14              | 6           | COMMON   |
| M116     | XTN4+10B   | Screw 4×10              | 28          | "        |
| M117     | XTN3+8B    | Screw 3×8               | 5           | "        |
| M118     | XSN2+12    | Screw 2×12              | 4           | "        |
| M119     | XSN26+6    | Screw 2.6×6             | 4           | "        |
| M120     | XSN4+30S   | Screw 4×30              | 2           | "        |
| M121     | XSN3+6S    | Screw 3×6               | 14          | "        |
| M122     | XVE5C30FZS | Screw with Hexagon Hole | 3           |          |
| M123     | XWA4       | Spring Washer           | 4           | COMMON   |
| M124     | XWA2BFZ    | "                       | 14          | "        |
| M125     | XWA26B     | "                       | 4           | "        |
| M126     | XWC3B      | Lock Washer             | 10          | "        |
| M127     | QBW2023    | Poly Washer             | 1           |          |
| M128     | XWA3B      | Spring Washer           | 2           | COMMON   |
| M129     | QBW2019    | Poly Washer             | 11          | RS-630US |
| M130     | QBW0034    | Washer                  | 4           |          |
| M131     | XWG4       | Flat Washer             | 4           | COMMON   |
| M132     | QBW2022    | Poly Washer             | 3           |          |
| M133     | XUC5FT     | Stop Ring 5φ            | 10          | COMMON   |
| M134     | XUC3FT     | Stop Ring 3φ            | 31          | "        |
| M135     | XUC4FT     | Stop Ring 4φ            | 4           | "        |

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| Ref. No.         | Part No.   | Part Name & Description  | Pcs/<br>Set | Remarks |
|------------------|------------|--------------------------|-------------|---------|
| M136             | XUC2FT     | Stop Ring 2φ             | 3           | COMMON  |
| M137             | XUC7FT     | Stop Ring 7φ             | 1           | "       |
| M138             | XVE3C8FZS  | Screw with Hexagon Hole  | 4           |         |
| M139             | XXE3D10FZS | "                        | 1           | COMMON  |
| M140             | QH01248    | "                        | 14          | "       |
| M141             | XSS26+6BV  | Screw 26×6               | 2           | "       |
| M142             | XSN2+8BV   | Screw 2×8                | 2           | "       |
| M143             | XSN2+4BV   | Screw 2×4                | 2           | "       |
| M144             | XSN2+5BV   | Screw 2×5                | 6           | "       |
| M145             | XWG2FZ     | Flat Washer              | 8           | "       |
| M146             | QMF1858    | Spring Holding Plate     | 1           |         |
| <b>RESISTORS</b> |            |                          |             |         |
| R1               | ERD25TJ102 | Carbon Resistor 1KΩ 1/4W | 1           |         |
| R2               | ERD25TJ100 | " 10Ω 1/4W               | 1           |         |
| R3               | ERD25TJ102 | " 1KΩ 1/4W               | 1           |         |
| R4               | ERD25TJ100 | " 10Ω 1/4W               | 1           |         |
| R5               | ERD25TJ102 | " 1KΩ 1/4W               | 1           |         |
| R6               | ERD25TJ100 | " 10Ω 1/4W               | 1           |         |
| R7               | ERD25TJ102 | " 1KΩ 1/4W               | 1           |         |
| R8               | ERD25TJ100 | " 10Ω 1/4W               | 1           |         |
| R9               | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R10              | ERD25TJ100 | " 10Ω 1/4W               | 1           |         |
| R11              | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R12              | ERD25TJ100 | " 10Ω 1/4W               | 1           |         |
| R13              | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R14              | ERD25TJ100 | " 10Ω 1/4W               | 1           |         |
| R15              | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R16              | ERD25TJ100 | " 10Ω 1/4W               | 1           |         |
| R17, 18          | ERD25TJ103 | " 10KΩ 1/4W              | 2           |         |
| R19              | ERD25TJ104 | " 100KΩ 1/4W             | 1           |         |
| R20              | ERD25TJ153 | " 15KΩ 1/4W              | 1           |         |
| R21              | ERD25TJ562 | " 5.6KΩ 1/4W             | 1           |         |
| R22              | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |

| Ref. No.        | Part No.   | Part Name & Description  | Pcs/<br>Set | Remarks |
|-----------------|------------|--------------------------|-------------|---------|
| R23             | ERD25TJ473 | Carbon Resistor 1KΩ 1/4W | 1           |         |
| R24             | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R25             | ERD25TJ273 | " 27KΩ 1/4W              | 1           |         |
| R26             | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R27             | ERD25TJ562 | " 5.6KΩ 1/4W             | 1           |         |
| R28             | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R29             | ERD25TJ473 | " 47KΩ 1/4W              | 1           |         |
| R30             | ERD25TJ562 | " 5.6KΩ 1/4W             | 1           |         |
| R31             | ERD25TJ332 | " 3.3KΩ 1/4W             | 1           |         |
| R32             | ERD25TJ473 | " 47KΩ 1/4W              | 1           |         |
| R33             | ERD25TJ562 | " 5.6KΩ 1/4W             | 1           |         |
| R34             | ERD25TJ474 | " 470KΩ 1/4W             | 1           |         |
| R35             | ERD25TJ823 | " 82KΩ 1/4W              | 1           |         |
| R36             | ERD25TJ273 | " 27KΩ 1/4W              | 1           |         |
| R37             | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R38             | ERD25TJ154 | " 150KΩ 1/4W             | 1           |         |
| R39             | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R40             | ERD25TJ473 | " 47KΩ 1/4W              | 1           |         |
| R41             | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R42             | ERD25TJ562 | " 5.6KΩ 1/4W             | 1           |         |
| R43             | ERD25TJ221 | " 220Ω 1/4W              | 1           |         |
| R44             | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R45             | ERD25TJ222 | " 2.2KΩ 1/4W             | 1           |         |
| R46, 47, 48, 49 | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R50             | ERD25TJ153 | " 15KΩ 1/4W              | 1           |         |
| R51, 52         | ERD25TJ471 | " 470Ω 1/4W              | 2           |         |
| R53, 54         | ERD25TJ473 | " 47KΩ 1/4W              | 2           |         |
| R55             | ERD25TJ474 | " 470KΩ 1/4W             | 1           |         |
| R56             | ERD25TJ562 | " 5.6KΩ 1/4W             | 1           |         |
| R57             | ERD25TJ473 | " 47KΩ 1/4W              | 1           |         |
| R58             | ERD25TJ102 | " 1KΩ 1/4W               | 1           |         |
| R59             | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |
| R60             | ERD25TJ562 | " 5.6KΩ 1/4W             | 1           |         |
| R61             | ERD25TJ473 | " 47KΩ 1/4W              | 1           |         |
| R62             | ERD25TJ103 | " 10KΩ 1/4W              | 1           |         |

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| Ref. No.     | Part No.    | Part Name & Description    | Pcs/<br>Set | Remarks |
|--------------|-------------|----------------------------|-------------|---------|
| R63          | ERD25TJ822  | Carbon Resistor 8.2KΩ 1/4W | 1           |         |
| R64          | ERD25TJ271  | " 270Ω 1/4W                | 1           |         |
| R65          | ERD25TJ473  | " 47KΩ 1/4W                | 1           |         |
| R66          | ERD25TJ104  | " 100KΩ 1/4W               | 1           |         |
| R67          | ERD25TJ822  | " 8.2KΩ 1/4W               | 1           |         |
| R68          | ERD25TJ271  | " 270Ω 1/4W                | 1           |         |
| R69          | ERD25TJ562  | " 5.6KΩ 1/4W               | 1           |         |
| R70          | ERD25TJ151  | " 150Ω 1/4W                | 1           |         |
| R71          | ERD25TJ103  | " 10KΩ 1/4W                | 1           |         |
| R72          | ERD25TJ102  | " 1KΩ 1/4W                 | 1           |         |
| R101,<br>102 | ERD25TJ471  | " 470Ω 1/4W                | 2           |         |
| R103         | ERD25TJ392  | " 3.9KΩ 1/4W               | 1           |         |
| R105         | ERD25TJ101  | " 100Ω 1/4W                | 1           |         |
| R106         | ERD18TSJ153 | " 15KΩ 1/8W                | 1           |         |
| R107         | ERD25TJ822  | " 8.2KΩ 1/4W               | 1           |         |
| R108         | ERD25TJ331  | " 330Ω 1/4W                | 1           |         |
| R109         | ERD25TJ102  | " 1KΩ 1/4W                 | 1           |         |
| R110         | ERD25TJ104  | " 100KΩ 1/4W               | 1           |         |
| R111         | ERD25TJ682  | " 6.8KΩ 1/4W               | 1           |         |
| R112         | ERD25TJ182  | " 1.8KΩ 1/4W               | 1           |         |
| R113         | ERD25TJ472  | " 4.7KΩ 1/4W               | 1           |         |
| R114         | ERD25TJ273  | " 27KΩ 1/4W                | 1           |         |
| R115         | ERD25TJ682  | " 6.8KΩ 1/4W               | 1           |         |
| R116         | ERD25TJ101  | " 100Ω 1/4W                | 1           |         |
| R117         | ERD25TJ224  | " 220KΩ 1/4W               | 1           |         |
| R118         | ERD25TJ471  | " 470Ω 1/4W                | 1           |         |
| R121,<br>122 | ERD25TJ473  | " 47KΩ 1/4W                | 2           |         |
| R123         | ERD25TJ474  | " 470KΩ 1/4W               | 1           |         |
| R124         | ERD25TJ333  | " 33KΩ 1/4W                | 1           |         |
| R125         | ERD25TJ153  | " 15KΩ 1/4W                | 1           |         |
| R126         | ERD25TJ222  | " 2.2KΩ 1/4W               | 1           |         |
| R127         | ERD25TJ103  | " 10KΩ 1/4W                | 1           |         |
| R128,<br>129 | ERD25TJ474  | " 470KΩ 1/4W               | 2           |         |
| R130         | ERD25TJ102  | " 1KΩ 1/4W                 | 1           |         |
| R131         | ERD25TJ472  | " 4.7KΩ 1/4W               | 1           |         |

| Ref. No.     | Part No.   | Part Name & Description    | Pcs/<br>Set | Remarks |
|--------------|------------|----------------------------|-------------|---------|
| R132         | ERD25TJ332 | Carbon Resistor 3.3KΩ 1/4W | 1           |         |
| R133         | ERD25TJ182 | " 1.8KΩ 1/4W               | 1           |         |
| R134         | ERD25TJ102 | " 1KΩ 1/4W                 | 1           |         |
| R135         | ERD25TJ184 | " 180KΩ 1/4W               | 1           |         |
| R136         | ERD25TJ101 | " 100Ω 1/4W                | 1           |         |
| R137         | ERD25TJ154 | " 150KΩ 1/4W               | 1           |         |
| R138         | ERD25TJ273 | " 27KΩ 1/4W                | 1           |         |
| R139         | ERD25TJ822 | " 8.2KΩ 1/4W               | 1           |         |
| R140         | ERD25TJ152 | " 1.5KΩ 1/4W               | 1           |         |
| R141         | ERD25TJ472 | " 4.7KΩ 1/4W               | 1           |         |
| R142         | ERD25TJ332 | " 3.3KΩ 1/4W               | 1           |         |
| R143         | ERD25TJ273 | " 27KΩ 1/4W                | 1           |         |
| R144         | ERD25TJ103 | " 10KΩ 1/4W                | 1           |         |
| R145         | ERD25TJ334 | " 330KΩ 1/4W               | 1           |         |
| R146         | ERD25TJ823 | " 82KΩ 1/4W                | 1           |         |
| R147         | ERD25TJ153 | " 15KΩ 1/4W                | 1           |         |
| R148         | ERD25TJ562 | " 5.6KΩ 1/4W               | 1           |         |
| R149         | ERD25TJ472 | " 4.7KΩ 1/4W               | 1           |         |
| R150         | ERD25TJ222 | " 2.2KΩ 1/4W               | 1           |         |
| R151         | ERD25TJ123 | " 12KΩ 1/4W                | 1           |         |
| R152,<br>153 | ERD25TJ102 | " 1KΩ 1/4W                 | 2           |         |
| R154         | ERD25TJ101 | " 100Ω 1/4W                | 1           |         |
| R155         | ERD25TJ393 | " 39KΩ 1/4W                | 1           |         |
| R156         | ERD25TJ823 | " 82KΩ 1/4W                | 1           |         |
| R157,<br>158 | ERD25TJ100 | " 10Ω 1/4W                 | 2           |         |
| R159         | ERD25TJ152 | " 1.5KΩ 1/4W               | 1           |         |
| R160         | ERD25TJ151 | " 150Ω 1/4W                | 1           |         |
| R161         | ERD25TJ330 | " 33Ω 1/4W                 | 1           |         |
| R162         | ERD25TJ100 | " 10Ω 1/4W                 | 1           |         |
| R163         | ERD25TJ181 | " 180Ω 1/4W                | 1           |         |
| R164         | ERD25TJ680 | " 68Ω 1/4W                 | 1           |         |
| R165         | ERD25TJ330 | " 33Ω 1/4W                 | 1           |         |
| R166         | ERD25TJ271 | " 270Ω 1/4W                | 1           |         |
| R171         | ERD25TJ154 | " 150KΩ 1/4W               | 1           |         |
| R172         | ERD25TJ101 | " 100Ω 1/4W                | 1           |         |

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| Ref. No.     | Part No.    | Part Name & Description      | Pcs/<br>Set | Remarks |
|--------------|-------------|------------------------------|-------------|---------|
| R173         | ERD18TSJ153 | Carbon Resistor 15KΩ 1/8W    | 1           |         |
| R174         | ERD25TJ123  | " 12KΩ 1/4W                  | 1           |         |
| R175         | ERD25TJ470  | " 47Ω 1/4W                   | 1           |         |
| R176         | ERD25TJ104  | " 100KΩ 1/4W                 | 1           |         |
| R177         | ERD25TJ103  | " 10KΩ 1/4W                  | 1           |         |
| R178         | ERD25TJ222  | " 2.2KΩ 1/4W                 | 1           |         |
| R179         | ERD25TJ332  | " 3.3KΩ 1/4W                 | 1           |         |
| R180         | ERD25TJ394  | " 390KΩ 1/4W                 | 1           |         |
| R181         | ERD25TJ471  | " 470Ω 1/4W                  | 1           |         |
| R182         | ERD25TJ683  | " 68KΩ 1/4W                  | 1           |         |
| R183         | ERD25TJ101  | " 100Ω 1/4W                  | 1           |         |
| R184         | ERD25TJ822  | " 8.2KΩ 1/4W                 | 1           |         |
| R185         | ERD25TJ474  | " 470KΩ 1/4W                 | 1           |         |
| R186         | ERD25TJ682  | " 6.8KΩ 1/4W                 | 1           |         |
| R187         | ERD25TJ472  | " 4.7KΩ 1/4W                 | 1           |         |
| R188         | ERD25TJ102  | " 1KΩ 1/4W                   | 1           |         |
| R190         | ERD25TJ101  | " 100Ω 1/4W                  | 1           |         |
| R191         | ERG1ANJ471  | Metal-oxide Resistor 470Ω 1W | 1           |         |
| R192         | ERD25TJ273  | Carbon Resistor 27KΩ 1/4W    | 1           |         |
| R193,<br>194 | ERD25TJ271  | " 270Ω 1/4W                  | 2           |         |
| R195         | ERD25TJ153  | " 15KΩ 1/4W                  | 1           |         |
| R197         | ERD25TJ104  | " 100KΩ 1/4W                 | 1           |         |
| R201,<br>202 | ERD25TJ471  | " 470Ω 1/4W                  | 2           |         |
| R203         | ERD25TJ392  | " 3.9KΩ 1/4W                 | 1           |         |
| R205         | ERD25TJ101  | " 100Ω 1/4W                  | 1           |         |
| R206         | ERD18TJ153  | " 15KΩ 1/8W                  | 1           |         |
| R207         | ERD25TJ822  | " 8.2KΩ 1/4W                 | 1           |         |
| R208         | ERD25TJ331  | " 330Ω 1/4W                  | 1           |         |
| R209         | ERD25TJ102  | " 1KΩ 1/4W                   | 1           |         |
| R210         | ERD25TJ104  | " 100KΩ 1/4W                 | 1           |         |
| R211         | ERD25TJ682  | " 6.8KΩ 1/4W                 | 1           |         |
| R212         | ERD25TJ182  | " 1.8KΩ 1/4W                 | 1           |         |
| R213         | ERD25TJ472  | " 4.7KΩ 1/4W                 | 1           |         |
| R214         | ERD25TJ273  | " 27KΩ 1/4W                  | 1           |         |
| R215         | ERD25TJ682  | " 6.8KΩ 1/4W                 | 1           |         |

| Ref. No.     | Part No.   | Part Name & Description   | Pcs/<br>Set | Remarks |
|--------------|------------|---------------------------|-------------|---------|
| R216         | ERD25TJ101 | Carbon Resistor 100Ω 1/4W | 1           |         |
| R217         | ERD25TJ224 | " 220KΩ 1/4W              | 1           |         |
| R221,<br>222 | ERD25TJ473 | " 47KΩ 1/4W               | 2           |         |
| R223         | ERD25TJ474 | " 470KΩ 1/4W              | 1           |         |
| R224         | ERD25TJ333 | " 33KΩ 1/4W               | 1           |         |
| R225         | ERD25TJ153 | " 15KΩ 1/4W               | 1           |         |
| R226         | ERD25TJ222 | " 2.2KΩ 1/4W              | 1           |         |
| R227         | ERD25TJ103 | " 10KΩ 1/4W               | 1           |         |
| R228,<br>229 | ERD25TJ474 | " 470KΩ 1/4W              | 2           |         |
| R230         | ERD25TJ102 | " 1KΩ 1/4W                | 1           |         |
| R231         | ERD25TJ472 | " 4.7KΩ 1/4W              | 1           |         |
| R236         | ERD25TJ101 | " 100Ω 1/4W               | 1           |         |
| R237         | ERD25TJ154 | " 150KΩ 1/4W              | 1           |         |
| R238         | ERD25TJ273 | " 27KΩ 1/4W               | 1           |         |
| R239         | ERD25TJ822 | " 8.2KΩ 1/4W              | 1           |         |
| R240         | ERD25TJ152 | " 1.5KΩ 1/4W              | 1           |         |
| R241         | ERD25TJ472 | " 4.7KΩ 1/4W              | 1           |         |
| R242         | ERD25TJ332 | " 3.3KΩ 1/4W              | 1           |         |
| R243         | ERD25TJ273 | " 27KΩ 1/4W               | 1           |         |
| R244         | ERD25TJ103 | " 10KΩ 1/4W               | 1           |         |
| R245         | ERD25TJ334 | " 330KΩ 1/4W              | 1           |         |
| R246         | ERD25TJ823 | " 82KΩ 1/4W               | 1           |         |
| R247         | ERD25TJ153 | " 15KΩ 1/4W               | 1           |         |
| R248         | ERD25TJ562 | " 5.6KΩ 1/4W              | 1           |         |
| R249         | ERD25TJ472 | " 4.7KΩ 1/4W              | 1           |         |
| R250         | ERD25TJ222 | " 2.2KΩ 1/4W              | 1           |         |
| R251         | ERD25TJ123 | " 12KΩ 1/4W               | 1           |         |
| R252,<br>253 | ERD25TJ102 | " 1KΩ 1/4W                | 2           |         |
| R254         | ERD25TJ101 | " 100Ω 1/4W               | 1           |         |
| R255         | ERD25TJ393 | " 39KΩ 1/4W               | 1           |         |
| R256         | ERD25TJ823 | " 82KΩ 1/4W               | 1           |         |
| R257,<br>258 | ERD25TJ100 | " 10Ω 1/4W                | 2           |         |
| R259         | ERD25TJ152 | " 1.5KΩ 1/4W              | 1           |         |
| R260         | ERD25TJ151 | " 150Ω 1/4W               | 1           |         |
| R261         | ERD25TJ330 | " 33Ω 1/4W                | 1           |         |



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| Ref. No.     | Part No.    | Part Name & Description  | Pcs/<br>Set | Remarks |
|--------------|-------------|--------------------------|-------------|---------|
| R262         | ERD25TJ100  | Carbon Resistor 10Ω 1/4W | 1           |         |
| R266         | ERD25TJ271  | " 270Ω 1/4W              | 1           |         |
| R271         | ERD25TJ154  | " 150KΩ 1/4W             | 1           |         |
| R272         | ERD25TJ101  | " 100Ω 1/4W              | 1           |         |
| R273         | ERD18TSJ153 | " 15KΩ 1/8W              | 1           |         |
| R274         | ERD25TJ123  | " 12KΩ 1/4W              | 1           |         |
| R275         | ERD25TJ470  | " 47Ω 1/4W               | 1           |         |
| R276         | ERD25TJ104  | " 100KΩ 1/4W             | 1           |         |
| R277         | ERD25TJ103  | " 10KΩ 1/4W              | 1           |         |
| R278         | ERD25TJ222  | " 2.2KΩ 1/4W             | 1           |         |
| R279         | ERD25TJ332  | " 3.3KΩ 1/4W             | 1           |         |
| R280         | ERD25TJ394  | " 390KΩ 1/4W             | 1           |         |
| R281         | ERD25TJ471  | " 470Ω 1/4W              | 1           |         |
| R282         | ERD25TJ683  | " 68KΩ 1/4W              | 1           |         |
| R283         | ERD25TJ101  | " 100Ω 1/4W              | 1           |         |
| R284         | ERD25TJ822  | " 8.2KΩ 1/4W             | 1           |         |
| R285         | ERD25TJ474  | " 470KΩ 1/4W             | 1           |         |
| R286         | ERD25TJ682  | " 6.8KΩ 1/4W             | 1           |         |
| R287         | ERD25TJ472  | " 4.7KΩ 1/4W             | 1           |         |
| R288         | ERD25TJ102  | " 1KΩ 1/4W               | 1           |         |
| R292         | ERD25TJ273  | " 27KΩ 1/4W              | 1           |         |
| R293,<br>294 | ERD25TJ271  | " 270Ω 1/4W              | 2           |         |
| R297         | ERD25TJ104  | " 100KΩ 1/4W             | 1           |         |
| R301         | ERD25TJ394  | " 390KΩ 1/4W             | 1           |         |
| R302         | ERD25TJ273  | " 27KΩ 1/4W              | 1           |         |
| R303         | ERD25TJ103  | " 10KΩ 1/4W              | 1           |         |
| R304         | ERD25TJ153  | " 15KΩ 1/4W              | 1           |         |
| R305         | ERD25TJ221  | " 220Ω 1/4W              | 1           |         |
| R306         | ERD25TJ272  | " 2.7KΩ 1/4W             | 1           |         |
| R307         | ERD25TJ271  | " 270Ω 1/4W              | 1           |         |
| R308         | ERD25TJ273  | " 27KΩ 1/4W              | 1           |         |
| R309,<br>310 | ERD25TJ102  | " 1KΩ 1/4W               | 2           |         |
| R312         | ERD25TJ103  | " 10KΩ 1/4W              | 1           |         |
| R313         | ERD25TJ154  | " 150KΩ 1/4W             | 1           |         |
| R314         | ERD25TJ474  | " 470KΩ 1/4W             | 1           |         |

| Ref. No.                                     | Part No.    | Part Name & Description        | Pcs/<br>Set | Remarks |
|----------------------------------------------|-------------|--------------------------------|-------------|---------|
| R315                                         | ERD25TJ153  | Carbon Resistor 15KΩ 1/4W      | 1           |         |
| R316                                         | ERG12ANJ821 | Metal-oxide Resistor 820Ω 1/2W | 1           |         |
| R317,<br>321                                 | ERD25TJ271  | Carbon Resistor 270Ω 1/4W      | 2           |         |
| R322                                         | ERD18TF3301 | " 3.3KΩ 1/8W                   | 1           |         |
| R323                                         | ERD18TF8201 | " 8.2KΩ 1/8W                   | 1           |         |
| R324                                         | ERD18TF3301 | " 3.3KΩ 1/8W                   | 1           |         |
| R325,<br>326                                 | ERD25TJ474  | " 470KΩ 1/4W                   | 1           |         |
| R327                                         | ERD25TJ103  | " 10KΩ 1/4W                    | 1           |         |
| R328                                         | ERD25TJ822  | " 8.2KΩ 1/4W                   | 1           |         |
| R329                                         | ERD25TJ221  | " 220Ω 1/4W                    | 1           |         |
| R330,<br>331                                 | ERD25TJ154  | " 150KΩ 1/4W                   | 2           |         |
| R332                                         | ERD25TJ102  | " 1KΩ 1/4W                     | 1           |         |
| R333                                         | ERD25TJ123  | " 12KΩ 1/4W                    | 1           |         |
| R351, 352, 353, 354, 355, 356, 357, 358, 359 |             |                                |             |         |
|                                              | ERD25TJ271  | " 270Ω 1/4W                    | 9           |         |
| R401                                         | ERD25TJ394  | " 390KΩ 1/4W                   | 1           |         |
| R402                                         | ERD25TJ273  | " 27KΩ 1/4W                    | 1           |         |
| R403                                         | ERD25TJ103  | " 10KΩ 1/4W                    | 1           |         |
| R404                                         | ERD25TJ153  | " 15KΩ 1/4W                    | 1           |         |
| R405                                         | ERD25TJ221  | " 220Ω 1/4W                    | 1           |         |
| R406                                         | ERD25TJ272  | " 2.7KΩ 1/4W                   | 1           |         |
| R407                                         | ERD25TJ271  | " 270Ω 1/4W                    | 1           |         |
| R408                                         | ERD25TJ273  | " 27KΩ 1/4W                    | 1           |         |
| R409,<br>410                                 | ERD25TJ102  | " 1KΩ 1/4W                     | 2           |         |
| R412                                         | ERD25TJ103  | " 10KΩ 1/4W                    | 1           |         |
| R413                                         | ERD25TJ154  | " 150KΩ 1/4W                   | 1           |         |
| R414                                         | ERD25TJ474  | " 470KΩ 1/4W                   | 1           |         |
| R415                                         | ERD25TJ153  | " 15KΩ 1/4W                    | 1           |         |
| R416                                         | ERG12ANJ821 | Metal-oxide Resistor 820Ω 1/2W | 1           |         |
| R417,<br>421                                 | ERD25TJ271  | Carbon Resistor 270Ω 1/4W      | 2           |         |
| R422                                         | ERD18TF3301 | " 3.3KΩ 1/8W                   | 1           |         |
| R423                                         | ERD18TF8201 | " 8.2KΩ 1/8W                   | 1           |         |
| R424                                         | ERD18TF3301 | " 3.3KΩ 1/8W                   | 1           |         |
| R425,<br>426                                 | ERD25TJ474  | " 470KΩ 1/4W                   | 2           |         |
| R427                                         | ERD25TJ103  | " 10KΩ 1/4W                    | 1           |         |

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| Ref. No.                                     | Part No.    | Part Name & Description                | Pcs/<br>Set | Remarks |
|----------------------------------------------|-------------|----------------------------------------|-------------|---------|
| R428                                         | ERD25TJ822  | Carbon Resistor 8.2K $\Omega$ 1/4W     | 1           |         |
| R429                                         | ERD25TJ221  | " 220 $\Omega$ 1/4W                    | 1           |         |
| R430,<br>431                                 | ERD25TJ154  | " 150K $\Omega$ 1/4W                   | 2           |         |
| R432                                         | ERD25TJ102  | " 1K $\Omega$ 1/4W                     | 1           |         |
| R433                                         | ERD25TJ123  | " 12K $\Omega$ 1/4W                    | 1           |         |
| R451, 452, 453, 454, 455, 456, 457, 458, 459 |             |                                        |             |         |
|                                              | ERD25TJ271  | " 270 $\Omega$ 1/4W                    | 9           |         |
| R501                                         | ERG1ANJ390  | Metal-oxide Resistor 39 $\Omega$ 1W    | 1           |         |
| R502                                         | ERD25TJ392  | Carbon Resistor 3.9K $\Omega$ 1/4W     | 1           |         |
| R503                                         | ERD25TJ681  | " 680 $\Omega$ 1/4W                    | 1           |         |
| R504                                         | ERD25TJ272  | " 2.7K $\Omega$ 1/4W                   | 1           |         |
| R505                                         | ERD25TJ471  | " 470 $\Omega$ 1/4W                    | 1           |         |
| R506                                         | ERD25TJ562  | " 5.6K $\Omega$ 1/4W                   | 1           |         |
| R507                                         | ERD25TJ821  | " 820 $\Omega$ 1/4W                    | 1           |         |
| R508,<br>509                                 | ERD25TJ100  | " 10 $\Omega$ 1/4W                     | 2           |         |
| R510                                         | ERD25TJ472  | " 4.7K $\Omega$ 1/4W                   | 1           |         |
| R511,<br>512                                 | ERD25TJ1R0  | " 1 $\Omega$ 1/4W                      | 2           |         |
| R513                                         | ERD25TJ471  | " 470 $\Omega$ 1/4W                    | 1           |         |
| R514                                         | ERD25TJ472  | " 4.7K $\Omega$ 1/4W                   | 1           |         |
| R515                                         | ERD25TJ223  | " 22K $\Omega$ 1/4W                    | 1           |         |
| R516                                         | ERD25TJ473  | " 47K $\Omega$ 1/4W                    | 1           |         |
| R517                                         | ERD25TJ273  | " 27K $\Omega$ 1/4W                    | 1           |         |
| R601                                         | ERD25TJ223  | " 22K $\Omega$ 1/4W                    | 1           |         |
| R602                                         | ERD25TJ471  | " 470 $\Omega$ 1/4W                    | 1           |         |
| R603                                         | ERD25TJ472  | " 4.7K $\Omega$ 1/4W                   | 1           |         |
| R604                                         | ERD25TJ222  | " 2.2K $\Omega$ 1/4W                   | 1           |         |
| R605                                         | ERD25TJ472  | " 4.7K $\Omega$ 1/4W                   | 1           |         |
| R606                                         | ERD25TJ222  | " 2.2K $\Omega$ 1/4W                   | 1           |         |
| R607                                         | ERD25TJ561  | " 560 $\Omega$ 1/4W                    | 1           |         |
| R608                                         | ERD25TJ103  | " 10K $\Omega$ 1/4W                    | 1           |         |
| R609                                         | ERD25TJ223  | " 22K $\Omega$ 1/4W                    | 1           |         |
| R610                                         | ERG12ANJ561 | Metal-oxide Resistor 560 $\Omega$ 1/2W | 1           |         |
| R611                                         | ERD25TJ472  | Carbon Resistor 4.7K $\Omega$ 1/4W     | 1           |         |
| R612                                         | ERD25TJ222  | " 2.2K $\Omega$ 1/4W                   | 1           |         |
| R613                                         | ERD25TJ472  | " 4.7K $\Omega$ 1/4W                   | 1           |         |

| Ref. No.                                                    | Part No.   | Part Name & Description               | Pcs/<br>Set | Remarks |
|-------------------------------------------------------------|------------|---------------------------------------|-------------|---------|
| R614                                                        | ERD25TJ222 | Carbon Resistor 2.2K $\Omega$ 1/4W    | 1           |         |
| R615                                                        | ERD25TJ223 | " 22K $\Omega$ 1/4W                   | 1           |         |
| R616                                                        | ERD25TJ472 | " 4.7K $\Omega$ 1/4W                  | 1           |         |
| R617                                                        | ERG1ANJ332 | Metal-oxide Resistor 3.3K $\Omega$ 1W | 1           |         |
| R618                                                        | ERG1ANJ101 | " 100 $\Omega$ 1W                     | 1           |         |
| R651                                                        | ERD25TJ472 | Carbon Resistor 4.7K $\Omega$ 1/4W    | 1           |         |
| R652                                                        | ERD25TJ471 | " 470 $\Omega$ 1/4W                   | 1           |         |
| R653                                                        | ERD25TJ681 | " 680 $\Omega$ 1/4W                   | 1           |         |
| R654                                                        | ERE3SJ221  | " 220 $\Omega$ 3W                     | 1           |         |
| R655                                                        | ERD25TJ472 | " 4.7K $\Omega$ 1/4W                  | 1           |         |
| R656                                                        | ERD25TJ471 | " 470 $\Omega$ 1/4W                   | 1           |         |
| R657                                                        | ERD25TJ681 | " 680 $\Omega$ 1/4W                   | 1           |         |
| R658                                                        | ERF5SJ680  | " 68 $\Omega$ 5W                      | 1           |         |
| R701, 702, 703, 704                                         |            |                                       |             |         |
|                                                             | ERD25TJ103 | " 10K $\Omega$ 1/4W                   | 4           |         |
| R705,<br>706                                                | ERD25TJ472 | " 4.7K $\Omega$ 1/4W                  | 2           |         |
| R707,<br>708                                                | ERD25TJ152 | " 1.5K $\Omega$ 1/4W                  | 2           |         |
| R709, 710, 711, 712, 713, 714                               |            |                                       |             |         |
|                                                             | ERD25TJ274 | " 270K $\Omega$ 1/4W                  | 6           |         |
| R715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726 |            |                                       |             |         |
|                                                             | ERG1ANJ181 | Metal-oxide Resistor 180 $\Omega$ 1W  | 12          |         |
| R727,<br>728                                                | ERD25TJ103 | Carbon Resistor 10K $\Omega$ 1/4W     | 2           |         |
| R729,<br>730                                                | ERX2ANJR47 | Metal-oxide Resistor 0.47 $\Omega$ 2W | 2           |         |
| R731,<br>732                                                | ERD25TJ152 | Carbon Resistor 1.5K $\Omega$ 1/4W    | 2           |         |
| R733,<br>734                                                | ERD25TJ392 | " 3.9K $\Omega$ 1/4W                  | 2           |         |
| R735,<br>736                                                | ERD25TJ223 | " 22K $\Omega$ 1/4W                   | 2           |         |
| R737,<br>738                                                | ERD25TJ332 | " 3.3K $\Omega$ 1/4W                  | 2           |         |
| R739,<br>740                                                | ERD25TJ153 | " 15K $\Omega$ 1/4W                   | 2           |         |
| R741, 742, 743, 744                                         |            |                                       |             |         |
|                                                             | ERD25TJ223 | " 22K $\Omega$ 1/4W                   | 4           |         |
| R745,<br>746                                                | ERD25TJ682 | " 6.8K $\Omega$ 1/4W                  | 2           |         |
| R747,<br>748                                                | ERD25TJ103 | " 10K $\Omega$ 1/4W                   | 2           |         |
| R749,<br>750                                                | ERD25TJ333 | " 33K $\Omega$ 1/4W                   | 2           |         |
| R791                                                        | ERD25TJ223 | " 22K $\Omega$ 1/4W                   | 1           |         |
| R792                                                        | ERD25TJ103 | " 10K $\Omega$ 1/4W                   | 1           |         |

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| Ref. No.            | Part No.   | Part Name & Description    | Pcs/<br>Set | Remarks |
|---------------------|------------|----------------------------|-------------|---------|
| R793                | ERD25TJ562 | Carbon Resistor 5.6KΩ 1/4W | 1           |         |
| R794                | ERD25TJ272 | " 2.7KΩ 1/4W               | 1           |         |
| R795                | ERD25TJ271 | " 270Ω 1/4W                | 1           |         |
| R801,<br>802        | ERD25TJ222 | " 2.2KΩ 1/4W               | 2           |         |
| R803,<br>804        | ERD25TJ473 | " 27KΩ 1/4W                | 2           |         |
| R805,<br>806        | ERD25TJ103 | " 10KΩ 1/4W                | 2           |         |
| R807,<br>808        | ERD25TJ222 | " 22KΩ 1/4W                | 2           |         |
| R809,<br>810        | ERD25TJ473 | " 47KΩ 1/4W                | 2           |         |
| R811,<br>812        | ERD25TJ103 | " 10KΩ 1/4W                | 2           |         |
| R813,<br>814        | ERD25TJ562 | " 5.6KΩ 1/4W               | 2           |         |
| R815, 816, 817, 818 |            |                            |             |         |
|                     | ERD25TJ273 | " 27KΩ 1/4W                | 4           |         |
| R819,<br>820        | ERD25TJ330 | " 33Ω 1/4W                 | 2           |         |
| R821,<br>822        | ERD25TJ103 | " 10KΩ 1/4W                | 2           |         |
| R823,<br>824        | ERD25TJ273 | " 27KΩ 1/4W                | 2           |         |
| R825,<br>826        | ERD25TJ473 | " 47KΩ 1/4W                | 2           |         |
| R827, 828, 829, 830 |            |                            |             |         |
|                     | ERD25TJ273 | " 27KΩ 1/4W                | 4           |         |
| R831,<br>832        | ERD25TJ103 | " 10KΩ 1/4W                | 2           |         |
| R833,<br>834        | ERD25TJ272 | " 2.7KΩ 1/4W               | 2           |         |
| R835,<br>836        | ERD25TJ273 | " 27KΩ 1/4W                | 2           |         |
| R837                | ERD25TJ823 | " 82KΩ 1/4W                | 1           |         |
| R838                | ERD25TJ154 | " 150KΩ 1/4W               | 1           |         |
| R839,<br>840        | ERD25TJ103 | " 10KΩ 1/4W                | 2           |         |
| R841,<br>842        | ERD25TJ272 | " 2.7KΩ 1/4W               | 2           |         |
| R843,<br>844        | ERD25TJ822 | " 8.2KΩ 1/4W               | 2           |         |
| R846                | ERD25TJ273 | " 27KΩ 1/4W                | 1           |         |
| R848                | ERD25TJ823 | " 82KΩ 1/4W                | 1           |         |
| R850                | ERD25TJ153 | " 15KΩ 1/4W                | 1           |         |
| R856                | ERD25TJ394 | " 390KΩ 1/4W               | 1           |         |
| R857,<br>858        | ERD25TJ274 | " 270KΩ 1/4W               | 2           |         |
| R859                | ERD25TJ103 | " 10KΩ 1/4W                | 1           |         |
| R891                | ERD25TJ221 | " 220Ω 1/4W                | 1           |         |
| R892                | ERD25TJ103 | " 10KΩ 1/4W                | 1           |         |
| R893                | ERD25TJ272 | " 2.7KΩ 1/4W               | 1           |         |

| Ref. No.       | Part No.   | Part Name & Description   | Pcs/<br>Set | Remarks |
|----------------|------------|---------------------------|-------------|---------|
| R894           | ERD25TJ103 | Carbon Resistor 10KΩ 1/4W | 1           |         |
| R895           | ERD25TJ473 | " 47KΩ 1/4W               | 1           |         |
| R897           | ERD25TJ184 | " 180KΩ 1/4W              | 1           |         |
| R901,<br>902   | ERD25TJ102 | " 1KΩ 1/4W                | 2           |         |
| R903           | ERD25TJ473 | " 47KΩ 1/4W               | 1           |         |
| R904           | ERD25TJ331 | " 330Ω 1/4W               | 1           |         |
| R905           | ERD25TJ223 | " 22KΩ 1/4W               | 1           |         |
| R906           | ERD25TJ333 | " 33KΩ 1/4W               | 1           |         |
| R907           | ERD25TJ472 | " 4.7KΩ 1/4W              | 1           |         |
| R908           | ERD25TJ561 | " 560Ω 1/4W               | 1           |         |
| R909           | ERD25TJ102 | " 1KΩ 1/4W                | 1           |         |
| R910           | ERD25TJ183 | " 18KΩ 1/4W               | 1           |         |
| R911           | ERD25TJ103 | " 10KΩ 1/4W               | 1           |         |
| R912,<br>913   | ERD25TJ223 | " 22KΩ 1/4W               | 2           |         |
| R914           | ERD25TJ102 | " 1KΩ 1/4W                | 1           |         |
| R915           | ERD25TJ105 | " 1MΩ 1/4W                | 1           |         |
| R916           | ERD25TJ561 | " 560Ω 1/4W               | 1           |         |
| R917           | ERD25TJ152 | " 1.5KΩ 1/4W              | 1           |         |
| R918,<br>919   | ERD25TJ472 | " 4.7KΩ 1/4W              | 2           |         |
| R920           | ERD25TJ223 | " 22KΩ 1/4W               | 1           |         |
| R921           | ERD25TJ332 | " 3.3KΩ 1/4W              | 1           |         |
| R922           | ERD25TJ103 | " 10KΩ 1/4W               | 1           |         |
| R923           | ERD25TJ223 | " 22KΩ 1/4W               | 1           |         |
| R924           | ERD25TJ332 | " 3.3KΩ 1/4W              | 1           |         |
| R925, 926, 927 |            |                           |             |         |
|                | ERD25TJ103 | " 10KΩ 1/4W               | 3           |         |
| R928           | ERD25TJ223 | " 22KΩ 1/4W               | 1           |         |
| R929           | ERD25TJ823 | " 82KΩ 1/4W               | 1           |         |
| R930           | ERD25TJ102 | " 1KΩ 1/4W                | 1           |         |
| R932           | ERD25TJ330 | " 33Ω 1/4W                | 1           |         |
| R933           | ERD25TJ474 | " 470KΩ 1/4W              | 1           |         |
| R934           | ERD25TJ102 | " 1KΩ 1/4W                | 1           |         |
| R935           | ERD25TJ153 | " 15KΩ 1/4W               | 1           |         |
| R936           | ERD25TJ473 | " 47KΩ 1/4W               | 1           |         |
| R937           | ERD25TJ222 | " 2.2KΩ 1/4W              | 1           |         |

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| Ref. No.       | Part No.     | Part Name & Description         | Pcs/<br>Set | Remarks |
|----------------|--------------|---------------------------------|-------------|---------|
| R938           | ERD25TJ820   | Carbon Resistor 82Ω 1/4W        | 1           |         |
| R939           | ERD25TJ221   | " 220Ω 1/4W                     | 1           |         |
| R940           | ERD25TJ102   | " 1KΩ 1/4W                      | 1           |         |
| R941           | ERD25TJ124   | " 120KΩ 1/4W                    | 1           |         |
| R942           | ERO25CKF1003 | Metal-oxide Resistor 100KΩ 1/4W | 1           |         |
| R943           | ERD25TJ472   | Carbon Resistor 4.7KΩ 1/4W      | 1           |         |
| R944           | ERD25TJ102   | " 1KΩ 1/4W                      | 1           |         |
| R945,<br>946   | ERD25TJ103   | " 10KΩ 1/4W                     | 2           |         |
| R947           | ERD25TJ331   | " 330Ω 1/4W                     | 1           |         |
| R948           | ERD25TJ106   | " 10MΩ 1/4W                     | 1           |         |
| R949           | ERD25TJ103   | " 10KΩ 1/4W                     | 1           |         |
| R950           | ERD25TJ820   | " 82Ω 1/4W                      | 1           |         |
| R951           | ERD25TJ223   | " 22KΩ 1/4W                     | 1           |         |
| R952,<br>953   | ERD25TJ103   | " 10KΩ 1/4W                     | 2           |         |
| R954           | ERD25TJ472   | " 4.7KΩ 1/4W                    | 1           |         |
| R955           | ERD25TJ103   | " 10KΩ 1/4W                     | 1           |         |
| R956           | ERD25TJ102   | " 1KΩ 1/4W                      | 1           |         |
| R957           | ERD25TJ123   | " 12KΩ 1/4W                     | 1           |         |
| R958           | ERD25TJ330   | " 33Ω 1/4W                      | 1           |         |
| R959           | ERD25TJ474   | " 470KΩ 1/4W                    | 1           |         |
| R960           | ERD25TJ102   | " 1KΩ 1/4W                      | 1           |         |
| R961           | ERD25TJ153   | " 15KΩ 1/4W                     | 1           |         |
| R962           | ERD25TJ274   | " 270KΩ 1/4W                    | 1           |         |
| R963           | ERG1ANJ331   | Metal-oxide Resistor 330Ω 1W    | 1           |         |
| R971           | ERD25TJ562   | Carbon Resistor 5.6KΩ 1/4W      | 1           |         |
| R972           | ERD25TJ272   | " 2.7KΩ 1/4W                    | 1           |         |
| R973           | ERD25TJ223   | " 22KΩ 1/4W                     | 1           |         |
| R974           | ERD25TJ103   | " 10KΩ 1/4W                     | 1           |         |
| R975           | ERD25TJ561   | " 560Ω 1/4W                     | 1           |         |
| R976,<br>977   | ERD25TJ332   | " 3.3KΩ 1/4W                    | 2           |         |
| R978, 979, 980 |              |                                 |             |         |
|                | ERD25TJ104   | " 100KΩ 1/4W                    | 3           |         |
| R981           | ERD25TJ103   | " 10KΩ 1/4W                     | 1           |         |
| R982           | ERD25TJ152   | " 1.5KΩ 1/4W                    | 1           |         |
| R983           | ERX1ANJ2R2   | Metal-oxide Resistor 2.2Ω 1W    | 1           |         |

| Ref. No.                  | Part No.     | Part Name & Description               | Pcs/<br>Set | Remarks |
|---------------------------|--------------|---------------------------------------|-------------|---------|
| R984                      | ERD25TJ151   | Carbon Resistor 150Ω 1/4W             | 1           |         |
| R985                      | ERD25TJ152   | " 1.5KΩ 1/4W                          | 1           |         |
| R986                      | ERD25TJ562   | " 5.6KΩ 1/4W                          | 1           |         |
| R987                      | ERD25TJ182   | " 1.8KΩ 1/4W                          | 1           |         |
| R988,<br>989              | ERD25TJ103   | " 10KΩ 1/4W                           | 2           |         |
| R990                      | ERD25TJ823   | " 82KΩ 1/4W                           | 1           |         |
| R991,<br>992              | ERD25TJ103   | " 10KΩ 1/4W                           | 2           |         |
| R993,<br>994              | ERD25TJ562   | " 5.6KΩ 1/4W                          | 2           |         |
| R995,<br>996              | ERD25TJ332   | " 3.3KΩ 1/4W                          | 2           |         |
| R997                      | ERD25TJ271   | " 270Ω 1/4W                           | 1           |         |
| R998                      | ERD25TJ273   | " 27KΩ 1/4W                           | 1           |         |
| R999                      | ERD25TJ271   | " 270Ω 1/4W                           | 1           |         |
| R1000                     | ERD25TJ393   | " 39KΩ 1/4W                           | 1           |         |
| R1001                     | ERD25TJ122   | " 1.2KΩ 1/4W                          | 1           |         |
| R1002                     | ERD25TJ822   | " 8.2KΩ 1/4W                          | 1           |         |
| R1003                     | ERD25TJ104   | " 100KΩ 1/4W                          | 1           |         |
| R1004,<br>1005            | ERD25TJ103   | " 10KΩ 1/4W                           | 2           |         |
| R1006                     | ERD25TJ473   | " 47KΩ 1/4W                           | 1           |         |
| R1007,<br>1008            | ERD25TJ103   | " 10KΩ 1/4W                           | 2           |         |
| R1009                     | ERD25TJ153   | " 15KΩ 1/4W                           | 1           |         |
| R1010                     | ERD25TJ472   | " 4.7KΩ 1/4W                          | 1           |         |
| R1011                     | ERD25TJ821   | " 820Ω 1/4W                           | 1           |         |
| R1012                     | ERD25TJ332   | " 3.3KΩ 1/4W                          | 1           |         |
| R1013                     | ERD25TJ123   | " 12KΩ 1/4W                           | 1           |         |
| R1014,<br>1015            | ERD25TJ103   | " 10KΩ 1/4W                           | 2           |         |
| R1051,<br>1052            | ERD25TJ473   | " 47KΩ 1/4W                           | 2           |         |
| R1053                     | ERD25TJ104   | " 100KΩ 1/4W                          | 1           |         |
| R1054,<br>1055            | ERD25TJ473   | " 47KΩ 1/4W                           | 2           |         |
| R1056                     | ERD25TJ104   | " 100KΩ 1/4W                          | 1           |         |
| <b>VARIABLE RESISTORS</b> |              |                                       |             |         |
| VR101                     | EVLS3AA00B55 | Semi-fixed Variable Resistor 500KΩ(B) | 1           |         |
| VR102, 103, 202, 203      |              |                                       |             |         |
|                           | EWFFWAR30A24 | Variable Resistor 20KΩ(A)             | 4           |         |
| VR104                     | EVLS3AA00B54 | Semi-fixed Variable Resistor 50KΩ(B)  | 1           |         |

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| Ref. No.                                           | Part No.     | Part Name & Description                       | Pcs/<br>Set | Remarks |
|----------------------------------------------------|--------------|-----------------------------------------------|-------------|---------|
| VR105                                              | EVLS3AA00B53 | Semi-fixed Variable Resistor 5K $\Omega$ (B)  | 1           |         |
| VR106                                              | EVLS3AA00B24 | " 20K $\Omega$ (B)                            | 1           |         |
| VR107,<br>207                                      | EWFFWAR30A24 | Variable Resistor 20K $\Omega$ (A)            | 2           |         |
| VR108                                              | EVLS3AA00B52 | Semi-fixed Variable Resistor 500 $\Omega$ (B) | 1           |         |
| VR109                                              | EVNK4AA00B25 | " 200K $\Omega$ (B)                           | 1           |         |
| VR201                                              | EVLS3AA00B55 | " 500K $\Omega$ (B)                           | 1           |         |
| VR204                                              | EVLS3AA00B54 | " 50K $\Omega$ (B)                            | 1           |         |
| VR205                                              | EVLS3AA00B53 | " 5K $\Omega$ (B)                             | 1           |         |
| VR206                                              | EVLS3AA00B24 | " 20K $\Omega$ (B)                            | 1           |         |
| VR208                                              | EVLS3AA00B52 | " 500 $\Omega$ (B)                            | 1           |         |
| VR209                                              | EVNK4AA00B25 | " 200K $\Omega$ (B)                           | 1           |         |
| VR501                                              | EVLS3AA00B14 | " 10K $\Omega$ (B)                            | 1           |         |
| VR502,<br>503                                      | EVLS3AA00B53 | " 5K $\Omega$ (B)                             | 2           |         |
| VR504,<br>505                                      | EVLS3AA00B24 | " 20K $\Omega$ (B)                            | 2           |         |
| VR506                                              | EVLS3AA00B53 | " 5K $\Omega$ (B)                             | 1           |         |
| VR601,<br>602                                      | EVNK4AA00B13 | " 1K $\Omega$ (B)                             | 2           |         |
| VR801,<br>802                                      | EVLS0AA00B15 | " 100K $\Omega$ (B)                           | 2           |         |
| VR901                                              | EVLS0AA00B54 | " 50K $\Omega$ (B)                            | 1           |         |
| VR902,<br>903                                      | QVKF25B24    | Variable Resistor 20K $\Omega$ (B)            | 1           |         |
| VR904                                              | EVLS0AA00B24 | Semi-fixed Variable Resistor 20K $\Omega$ (B) | 1           |         |
| VR905                                              | EVLS0AA00B54 | " 50K $\Omega$ (B)                            | 1           |         |
| <b>CAPACITORS</b>                                  |              |                                               |             |         |
| C1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 |              |                                               |             |         |
|                                                    | ECKD1H103PF  | Ceramic Capacitor 0.01 $\mu$ F                | 15          |         |
| C16                                                | ECEA16Z10    | Electrolytic Capacitor 10 $\mu$ F             | 1           |         |
| C17                                                | ECEA16V47    | " 47 $\mu$ F                                  | 1           |         |
| C18, 19                                            | ECEA16V10    | " 10 $\mu$ F                                  | 2           |         |
| C20                                                | ECEA10V100   | " 100 $\mu$ F                                 | 1           |         |
| C21, 22                                            | ECQM05683MZ  | Ceramic Capacitor 0.0068 $\mu$ F              | 2           |         |
| C23                                                | ECEA50Z2R2   | Electrolytic Capacitor 2.2 $\mu$ F            | 1           |         |
| C24                                                | ECEA16Z10    | " 10 $\mu$ F                                  | 1           |         |
| C25                                                | ECEA50Z3R3   | " 3.3 $\mu$ F                                 | 1           |         |
| C26                                                | ECQM05104MZ  | Ceramic Capacitor 0.01 $\mu$ F                | 1           |         |
| C27                                                | ECEA6V220    | Electrolytic Capacitor 220 $\mu$ F            | 1           |         |

| Ref. No.     | Part No.    | Part Name & Description            | Pcs/<br>Set | Remarks |
|--------------|-------------|------------------------------------|-------------|---------|
| C101         | ECEA50M1    | Electrolytic Capacitor 1 $\mu$ F   | 1           |         |
| C102         | ECEA35V10   | " 10 $\mu$ F                       | 1           |         |
| C103         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C104         | ECEA10V100  | Electrolytic Capacitor 100 $\mu$ F | 1           |         |
| C105         | ECCD1H470KC | Ceramic Capacitor 47pF             | 1           |         |
| C106         | ECEA16V33   | Electrolytic Capacitor 33 $\mu$ F  | 1           |         |
| C107         | ECKD1H471KB | Ceramic Capacitor 470pF            | 1           |         |
| C108         | ECEA16V33   | Electrolytic Capacitor 33 $\mu$ F  | 1           |         |
| C109         | ECEA16V10   | " 10 $\mu$ F                       | 1           |         |
| C110         | ECEA25V100  | " 100 $\mu$ F                      | 1           |         |
| C111         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C113         | ECEA25N3R3  | Electrolytic Capacitor 3.3 $\mu$ F | 1           |         |
| C114         | ECEA10V100  | " 100 $\mu$ F                      | 1           |         |
| C115         | ECEA35V10   | " 10 $\mu$ F                       | 1           |         |
| C116,<br>121 | ECEA16V10   | " 10 $\mu$ F                       | 2           |         |
| C122         | ECEA25V100  | " 100 $\mu$ F                      | 1           |         |
| C123         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C124         | ECEA35V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C125         | ECQM05332JZ | Mylar Capacitor 0.0033 $\mu$ F     | 1           |         |
| C126         | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C127         | ECEA16V33   | " 33 $\mu$ F                       | 1           |         |
| C128         | ECQS1681JZ  | Strol Capacitor 680pF              | 1           |         |
| C129         | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C130         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C131         | ECQM05104JZ | Mylar Capacitor 0.1 $\mu$ F        | 1           |         |
| C132         | ECEA6V330   | Electrolytic Capacitor 330 $\mu$ F | 1           |         |
| C133,<br>134 | ECEA35V10   | " 10 $\mu$ F                       | 2           |         |
| C135         | ECQM05182KZ | Mylar Capacitor 0.0018 $\mu$ F     | 1           |         |
| C136         | ECQM05822JZ | " 0.0082 $\mu$ F                   | 1           |         |
| C137         | ECQM05562JZ | " 0.0056 $\mu$ F                   | 1           |         |
| C138         | ECQM05332JZ | " 0.0033 $\mu$ F                   | 1           |         |
| C139         | ECQM05183JZ | " 0.018 $\mu$ F                    | 1           |         |
| C140         | ECQM05153JZ | " 0.015 $\mu$ F                    | 1           |         |
| C141         | ECQM05123JZ | " 0.012 $\mu$ F                    | 1           |         |
| C142         | ECQM05333JZ | " 0.033 $\mu$ F                    | 1           |         |

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| Ref. No.     | Part No.    | Part Name & Description            | Pcs/<br>Set | Remarks |
|--------------|-------------|------------------------------------|-------------|---------|
| C143         | ECQM05273JZ | Mylar Capacitor 0.027 $\mu$ F      | 1           |         |
| C144         | ECQM05223JZ | " 0.022 $\mu$ F                    | 1           |         |
| C146,<br>147 | ECCD1H101K  | Ceramic Capacitor 100pF            | 2           |         |
| C151         | ECEA50M1    | Electrolytic Capacitor 1 $\mu$ F   | 1           |         |
| C152         | ECEA16V10   | " 10 $\mu$ F                       | 1           |         |
| C153         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C154         | ECEA6V330   | Electrolytic Capacitor 330 $\mu$ F | 1           |         |
| C155         | ECCD1H470KC | Ceramic Capacitor 47pF             | 1           |         |
| C156         | ECEA16V33   | Electrolytic Capacitor 33 $\mu$ F  | 1           |         |
| C157         | ECKD1H471KB | Ceramic Capacitor 470pF            | 1           |         |
| C158         | ECEA16V33   | Electrolytic Capacitor 33 $\mu$ F  | 1           |         |
| C159         | ECEA35V10   | " 10 $\mu$ F                       | 1           |         |
| C160         | ECEA25V100  | " 100 $\mu$ F                      | 1           |         |
| C161         | ECQM05682JZ | Mylar Capacitor 0.0068 $\mu$ F     | 1           |         |
| C162         | ECQM05473JZ | " 0.047 $\mu$ F                    | 1           |         |
| C163         | ECKD1H471KB | Ceramic Capacitor 470pF            | 1           |         |
| C164         | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C171         | ECEA16V10   | " 10 $\mu$ F                       | 1           |         |
| C172         | ECEA16V33   | " 33 $\mu$ F                       | 1           |         |
| C173         | ECKD1H102PF | Ceramic Capacitor 1000pF           | 1           |         |
| C174         | ECCD1H101K  | " 100pF                            | 1           |         |
| C175         | ECEA50V1    | Electrolytic Capacitor 1 $\mu$ F   | 1           |         |
| C176         | ECQM05182KZ | Mylar Capacitor 0.0018 $\mu$ F     | 1           |         |
| C177         | ECEA50V1    | Electrolytic Capacitor 1 $\mu$ F   | 1           |         |
| C178         | ECEA16V33   | " 33 $\mu$ F                       | 1           |         |
| C179         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C181         | ECEA50ZR1   | Electrolytic Capacitor 0.1 $\mu$ F | 1           |         |
| C182         | ECKD1H102PF | Ceramic Capacitor 1000pF           | 1           |         |
| C183         | ECEA10V100  | Electrolytic Capacitor 100 $\mu$ F | 1           |         |
| C185         | ECEA16V10   | " 10 $\mu$ F                       | 1           |         |
| C186         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C187         | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C188         | ECQM05102KZ | Semi-conductor Capacitor 1000pF    | 1           |         |
| C189         | ECEA50V3R3  | Electrolytic Capacitor 3.3 $\mu$ F | 1           |         |
| C190         | ECKD1H223PF | Ceramic Capacitor 22000pF          | 1           |         |

| Ref. No.     | Part No.    | Part Name & Description            | Pcs/<br>Set | Remarks |
|--------------|-------------|------------------------------------|-------------|---------|
| C191         | ECKD1H223PF | Ceramic Capacitor 22000pF          | 1           |         |
| C193,<br>194 | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F  | 2           |         |
| C195         | ECQM05473MZ | Mylar Capacitor 0.047 $\mu$ F      | 1           |         |
| C201         | ECEA50M1    | Electrolytic Capacitor 1 $\mu$ F   | 1           |         |
| C202         | ECEA35V10   | " 10 $\mu$ F                       | 1           |         |
| C203         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C204         | ECEA10V100  | Electrolytic Capacitor 100 $\mu$ F | 1           |         |
| C205         | ECCD1H470KC | Ceramic Capacitor 47pF             | 1           |         |
| C206         | ECEA16V33   | Electrolytic Capacitor 33 $\mu$ F  | 1           |         |
| C207         | ECKD1H471KB | Ceramic Capacitor 470pF            | 1           |         |
| C208         | ECEA16V33   | Electrolytic Capacitor 33 $\mu$ F  | 1           |         |
| C209         | ECEA16V10   | " 10 $\mu$ F                       | 1           |         |
| C211         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C213         | ECEA25N3R3  | Electrolytic Capacitor 3.3 $\mu$ F | 1           |         |
| C214         | ECEA10V100  | " 100 $\mu$ F                      | 1           |         |
| C215         | ECEA35V10   | " 10 $\mu$ F                       | 1           |         |
| C216         | ECEA16V10   | " 10 $\mu$ F                       | 1           |         |
| C221         | ECEA16V10   | " 10 $\mu$ F                       | 1           |         |
| C222         | ECEA25V100  | " 100 $\mu$ F                      | 1           |         |
| C223         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C224         | ECEA35V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C225         | ECQM05332JZ | Mylar Capacitor 0.0033 $\mu$ F     | 1           |         |
| C226         | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C227         | ECEA16V33   | " 33 $\mu$ F                       | 1           |         |
| C228         | ECQS1681JZ  | Strol Capacitor 680pF              | 1           |         |
| C229         | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C230         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C231         | ECQM05104JZ | Mylar Capacitor 0.1 $\mu$ F        | 1           |         |
| C232         | ECEA6V330   | Electrolytic Capacitor 330 $\mu$ F | 1           |         |
| C233,<br>234 | ECEA35V10   | " 10 $\mu$ F                       | 2           |         |
| C235         | ECQM05182KZ | Mylar Capacitor 0.0018 $\mu$ F     | 1           |         |
| C236         | ECQM05822JZ | " 0.0082 $\mu$ F                   | 1           |         |
| C237         | ECQM05562JZ | " 0.0056 $\mu$ F                   | 1           |         |
| C238         | ECQM05332JZ | " 0.0033 $\mu$ F                   | 1           |         |
| C239         | ECQM05183JZ | " 0.018 $\mu$ F                    | 1           |         |

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| Ref. No.     | Part No.    | Part Name & Description            | Pcs/<br>Set | Remarks |
|--------------|-------------|------------------------------------|-------------|---------|
| C240         | ECQM05153JZ | Mylar Capacitor 0.015 $\mu$ F      | 1           |         |
| C241         | ECQM05123JZ | " 0.012 $\mu$ F                    | 1           |         |
| C242         | ECQM05333JZ | Mylar Capacitor 0.033 $\mu$ F      | 1           |         |
| C243         | ECQM05273JZ | " 0.027 $\mu$ F                    | 1           |         |
| C244         | ECQM05223JZ | " 0.022 $\mu$ F                    | 1           |         |
| C246,<br>247 | ECCD1H101K  | Ceramic Capacitor 100pF            | 2           |         |
| C251         | ECEA50M1    | Electrolytic Capacitor 1 $\mu$ F   | 1           |         |
| C252         | ECEA16V10   | " 10 $\mu$ F                       | 1           |         |
| C253         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C254         | ECEA6V330   | Electrolytic Capacitor 330 $\mu$ F | 1           |         |
| C255         | ECCD1H470KC | Ceramic Capacitor 47pF             | 1           |         |
| C256         | ECEA16V33   | Electrolytic Capacitor 33 $\mu$ F  | 1           |         |
| C257         | ECKD1H471KB | Ceramic Capacitor 470pF            | 1           |         |
| C258         | ECEA16V33   | Electrolytic Capacitor 33 $\mu$ F  | 1           |         |
| C259         | ECEA35V10   | " 10 $\mu$ F                       | 1           |         |
| C260         | ECEA25V100  | " 100 $\mu$ F                      | 1           |         |
| C261         | ECQM05682JZ | Mylar Capacitor 0.0068 $\mu$ F     | 1           |         |
| C262         | ECQM05473JZ | " 0.047 $\mu$ F                    | 1           |         |
| C263         | ECKD1H471KB | Ceramic Capacitor 470pF            | 1           |         |
| C271         | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C272         | ECEA16V33   | " 33 $\mu$ F                       | 1           |         |
| C273         | ECKD1H102PF | Ceramic Capacitor 1000pF           | 1           |         |
| C274         | ECCD1H101K  | " 100pF                            | 1           |         |
| C275         | ECEA50V1    | Electrolytic Capacitor 1 $\mu$ F   | 1           |         |
| C276         | ECQM05182KZ | Mylar Capacitor 0.0018 $\mu$ F     | 1           |         |
| C277         | ECEA50V1    | Electrolytic Capacitor 1 $\mu$ F   | 1           |         |
| C278         | ECEA16V33   | " 33 $\mu$ F                       | 1           |         |
| C279         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C281         | ECEA50ZR1   | Electrolytic Capacitor 0.1 $\mu$ F | 1           |         |
| C282         | ECKD1H102PF | Ceramic Capacitor 1000pF           | 1           |         |
| C283         | FCEA10V100  | Electrolytic Capacitor 100 $\mu$ F | 1           |         |
| C285         | ECEA16V10   | " 10 $\mu$ F                       | 1           |         |
| C286         | ECCD1H101K  | Ceramic Capacitor 100pF            | 1           |         |
| C287         | EOEA16V10   | Electrolytic Capacitor 10 $\mu$ F  | 1           |         |
| C288         | ECFWD102KVY | Semi-conductor Capacitor 1000pF    | 1           |         |

| Ref. No.                      | Part No.    | Part Name & Description                | Pcs/<br>Set | Remarks |
|-------------------------------|-------------|----------------------------------------|-------------|---------|
| C289                          | ECEA50V3R3  | Electrolytic Capacitor 3.3 $\mu$ F     | 1           |         |
| C293,<br>294                  | ECEA16V10   | " 10 $\mu$ F                           | 2           |         |
| C501                          | ECEA35V47   | " 47 $\mu$ F                           | 1           |         |
| C502                          | ECQM05393KZ | Mylar Capacitor 0.039 $\mu$ F          | 1           |         |
| C503,<br>504                  | ECCD1H470KC | Ceramic Capacitor 47pF                 | 2           |         |
| C505,<br>506                  | ECQF4223KZ  | " 0.022 $\mu$ F                        | 2           |         |
| C507                          | ECEA35V10   | Electrolytic Capacitor 10 $\mu$ F      | 1           |         |
| C508                          | ECQM05104MZ | Mylar Capacitor 0.1 $\mu$ F            | 1           |         |
| C509                          | ECQF6562KZH | " 0.0056 $\mu$ F                       | 1           |         |
| C510,<br>511                  | ECQS1331JZ  | Strol Capacitor 330pF                  | 2           |         |
| C512                          | ECKD1H103PF | Ceramic Capacitor 0.01 $\mu$ F         | 1           |         |
| C514                          | ECQM05104MZ | Mylar Capacitor 0.1 $\mu$ F            | 1           |         |
| C515                          | ECQM05473MZ | " 0.047 $\mu$ F                        | 1           |         |
| C601                          | ECEA50V47   | " 47 $\mu$ F                           | 1           |         |
| C602                          | ECEA50V47   | " 47 $\mu$ F                           | 1           |         |
| C603                          | ECEA16V330  | " 330 $\mu$ F                          | 1           |         |
| C604                          | ECKD1H103PF | Ceramic Capacitor 0.01 $\mu$ F         | 1           |         |
| C605                          | ECEA35V10   | Electrolytic Capacitor 10 $\mu$ F      | 1           |         |
| C606                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C607                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C608                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C609                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C610                          | ECEA35V47   | " 47 $\mu$ F                           | 1           |         |
| C611                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C612                          | ECKD1H103PF | Ceramic Capacitor 0.01 $\mu$ F         | 1           |         |
| C613                          | ECEA35V10   | Electrolytic Capacitor 10 $\mu$ F      | 1           |         |
| C614                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C615                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C616                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C617                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C618                          | ECEA50V1    | " 1 $\mu$ F                            | 1           |         |
| C651                          | ECEA16V10   | " 10 $\mu$ F                           | 1           |         |
| C652                          | ECEA16V33   | " 33 $\mu$ F                           | 1           |         |
| C701, 702, 703, 704, 705, 706 |             |                                        |             |         |
| C707,<br>708                  | ECQM05473MZ | Semi-conductor Capacitor 0.047 $\mu$ F | 6           |         |
| C707,<br>708                  | ECQM05103KZ | " 0.01 $\mu$ F                         | 2           |         |

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| Ref. No.                      | Part No.    | Part Name & Description                          | Pcs/<br>Set | Remarks |
|-------------------------------|-------------|--------------------------------------------------|-------------|---------|
| C709,<br>710                  | ECQM05683MZ | Semi-conductor Capacitor 0.068 $\mu$ F           | 2           |         |
| C711, 712, 713, 714, 715, 716 |             |                                                  |             |         |
|                               | ECEA25N10   | Electrolytic Capacitor (Non Polarity) 10 $\mu$ F | 6           |         |
| C717,<br>718                  | ECQM05102KZ | Semi-conductor Capacitor 0.001 $\mu$ F           | 2           |         |
| C719,<br>720                  | ECCD1H101K  | Ceramic Capacitor 100pF                          | 2           |         |
| C791                          | ECCD1H221K  | " 220pF                                          | 1           |         |
| C792                          | ECQM05153MZ | Semi-conductor Capacitor 0.015 $\mu$ F           | 1           |         |
| C801,802,<br>803,804          | ECQM05683MZ | " 0.068 $\mu$ F                                  | 4           |         |
| C805,<br>806                  | ECEA50V1    | Electrolytic Capacitor 1 $\mu$ F                 | 2           |         |
| C807,<br>808                  | ECEA16V10   | " 10 $\mu$ F                                     | 2           |         |
| C809,<br>810                  | ECEA50V1    | " 1 $\mu$ F                                      | 2           |         |
| C811,<br>812                  | ECEA25Z4R7  | " 4.7 $\mu$ F                                    | 2           |         |
| C813,<br>814                  | ECEA16V33   | " 33 $\mu$ F                                     | 2           |         |
| C816                          | ECEA16V10   | " 10 $\mu$ F                                     | 1           |         |
| C817                          | ECEA35V4R7  | " 4.7 $\mu$ F                                    | 1           |         |
| C892                          | ECEA10V100  | " 100 $\mu$ F                                    | 1           |         |
| C893                          | ECEA16V33   | " 33 $\mu$ F                                     | 1           |         |
| C901                          | ECQM05333MZ | Semi-conductor Capacitor 0.033 $\mu$ F           | 1           |         |
| C902                          | ECEA35V4R7  | Electrolytic Capacitor 4.7 $\mu$ F               | 1           |         |
| C903                          | ECEA16V10   | " 10 $\mu$ F                                     | 1           |         |
| C905                          | ECQM05102KZ | Semi-conductor Capacitor 0.001 $\mu$ F           | 1           |         |
| C906                          | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F                | 1           |         |
| C907                          | ECEA16V33   | " 33 $\mu$ F                                     | 1           |         |
| C908                          | ECQM05104KZ | Mylar Capacitor 0.1 $\mu$ F                      | 1           |         |
| C909                          | ECQM05223MZ | Semi-conductor Capacitor 0.022 $\mu$ F           | 1           |         |
| C910                          | ECQM05472KZ | " 0.0047 $\mu$ F                                 | 1           |         |
| C911                          | ECQM05102KZ | " 0.001 $\mu$ F                                  | 1           |         |
| C912                          | ECKD1H471KB | Ceramic Capacitor 470pF                          | 1           |         |
| C913                          | ECQM05563JZ | Mylar Capacitor 0.056 $\mu$ F                    | 1           |         |
| C914                          | ECQM05332KZ | " 0.0033 $\mu$ F                                 | 1           |         |
| C915                          | ECQM05333JZ | " 0.033 $\mu$ F                                  | 1           |         |
| C916                          | ECQM05104JZ | " 0.1 $\mu$ F                                    | 1           |         |
| C917                          | ECQM05823JZ | " 0.082 $\mu$ F                                  | 1           |         |
| C918                          | ECQM05103KZ | Semi-conductor Capacitor 0.01 $\mu$ F            | 1           |         |
| C919,<br>920                  | ECCD1H220KC | Ceramic Capacitor 22pF                           | 2           |         |

| Ref. No.                       | Part No.    | Part Name & Description                         | Pcs/<br>Set | Remarks |
|--------------------------------|-------------|-------------------------------------------------|-------------|---------|
| C921,<br>922                   | ECQM05473MZ | Semi-conductor Capacitor 0.047 $\mu$ F          | 2           |         |
| C923                           | ECEA50ZR33  | Electrolytic Capacitor 0.33 $\mu$ F             | 1           |         |
| C924                           | ECEA16V33   | " 33 $\mu$ F                                    | 1           |         |
| C925                           | ECQM05103KZ | Mylar Capacitor 0.01 $\mu$ F                    | 1           |         |
| C927,<br>928                   | ECQM05103KZ | Semi-conductor Capacitor 0.01 $\mu$ F           | 2           |         |
| C931                           | ECQM05822KZ | " 0.0082 $\mu$ F                                | 1           |         |
| C932                           | ECCD1H221K  | Ceramic Capacitor 220pF                         | 1           |         |
| C933                           | ECEA16V10   | Electrolytic Capacitor 10 $\mu$ F               | 1           |         |
| C934, 935, 936                 |             |                                                 |             |         |
|                                | ECEA50ZR22  | " 0.22 $\mu$ F                                  | 3           |         |
| C937, 938, 939                 |             |                                                 |             |         |
|                                | ECEA50N1    | Electrolytic Capacitor (Non Polarity) 1 $\mu$ F | 3           |         |
| C943                           | ECKD1H471KB | Ceramic Capacitor 470pF                         | 1           |         |
| C944                           | ECQM05102KZ | Semi-conductor Capacitor 0.001 $\mu$ F          | 1           |         |
| C945                           | ECQM05333MZ | " 0.033 $\mu$ F                                 | 1           |         |
| C946                           | ECQM05103KZ | " 0.01 $\mu$ F                                  | 1           |         |
| C947                           | ECQM05333MZ | " 0.033 $\mu$ F                                 | 1           |         |
|                                |             | <b>COMBINATION PART</b>                         |             |         |
| Z601                           | QCRFWB1     | Combination Part                                |             |         |
|                                |             | <b>TRANSISTORS</b>                              |             |         |
| Tr1, 2, 3                      | 2SA719(R)   | Transistor                                      | 3           |         |
| Tr4, 5, 6, 7, 8, 9, 10, 11, 12 |             |                                                 |             |         |
|                                | 2SC828(S)   | "                                               | 9           |         |
| Tr13                           | 2SC1317(R)  | "                                               | 1           |         |
| Tr14                           | 2SC828      | "                                               | 1           |         |
| Tr15, 16                       | 2SA564(S)   | "                                               | 2           |         |
| Tr17                           | 2SC828      | "                                               | 1           |         |
| Tr18, 19                       | 2SC719(R)   | "                                               | 2           |         |
| Tr20                           | 2SA564(S)   | "                                               | 1           |         |
| Tr21                           | 2SC828(S)   | "                                               | 1           |         |
| Tr22, 23                       | 2SC1317(R)  | "                                               | 2           |         |
| Tr24, 25, 26, 27, 28, 29       |             |                                                 |             |         |
|                                | 2SC828(S)   | "                                               | 6           |         |

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| Ref. No.                                      | Part No.   | Part Name & Description | Pcs/<br>Set | Remarks |
|-----------------------------------------------|------------|-------------------------|-------------|---------|
| Tr30                                          | 2SC1317(R) | Transistor              | 1           |         |
| Tr31, 32<br>33                                | 2SC828(S)  | "                       | 3           |         |
| Tr101,<br>102                                 | 2SC1327(U) | "                       | 2           |         |
| Tr103                                         | 2SC1684(S) | "                       | 1           |         |
| Tr104                                         | 2SK660     | "                       | 1           |         |
| Tr105                                         | 2SC1684    | "                       | 1           |         |
| Tr106                                         | 2SC1317(S) | "                       | 1           |         |
| Tr107                                         | 2SA564(S)  | "                       | 1           |         |
| Tr108                                         | 2SC828(S)  | "                       | 1           |         |
| Tr109                                         | 2SC1684(S) | "                       | 1           |         |
| Tr110                                         | 2SC828(S)  | "                       | 1           |         |
| Tr111,<br>112                                 | 2SC1684(S) | "                       | 2           |         |
| Tr113                                         | 2SC1383(R) | "                       | 1           |         |
| Tr114                                         | 2SA683(R)  | "                       | 1           |         |
| Tr115, 116, 117, 118, 119, 120, 121, 122, 123 |            |                         |             |         |
|                                               | 2SC828(S)  | "                       | 9           |         |
| Tr124,<br>125                                 | 2SC1327(U) | "                       | 2           |         |
| Tr126                                         | 2SC1684(S) | "                       | 1           |         |
| Tr127                                         | 2SC828(S)  | "                       | 1           |         |
| Tr128                                         | 2SC1317(S) | "                       | 1           |         |
| Tr129                                         | 2SA564(S)  | "                       | 1           |         |
| Tr130                                         | 2SC1684(S) | "                       | 1           |         |
| Tr131                                         | 2SA564(S)  | "                       | 1           |         |
| Tr132                                         | 2SC1317(S) | "                       | 1           |         |
| Tr133, 134, 135, 136, 137                     |            |                         |             |         |
|                                               | 2SC828(S)  | "                       | 5           |         |
| Tr201,<br>202                                 | 2SC1327(U) | "                       | 2           |         |
| Tr203                                         | 2SC1684(S) | "                       | 1           |         |
| Tr204                                         | 2SK660     | "                       | 1           |         |
| Tr205                                         | 2SC1684    | "                       | 1           |         |
| Tr206                                         | 2SC1317(S) | "                       | 1           |         |
| Tr209                                         | 2SC1684(S) | "                       | 1           |         |
| Tr210                                         | 2SC828(S)  | "                       | 1           |         |
| Tr211,<br>212                                 | 2SC1684(S) | "                       | 2           |         |
| Tr213                                         | 2SC1383(R) | "                       | 1           |         |

| Ref. No.                                      | Part No.   | Part Name & Description | Pcs/<br>Set | Remarks |
|-----------------------------------------------|------------|-------------------------|-------------|---------|
| Tr214                                         | 2SA683(R)  | Transistor              | 1           |         |
| Tr215, 216, 217, 218, 219, 220, 221, 222, 223 |            |                         |             |         |
|                                               | 2SC828(S)  | "                       | 9           |         |
| Tr224,<br>225                                 | 2SC1327(U) | "                       | 2           |         |
| Tr226                                         | 2SC1684(S) | "                       | 1           |         |
| Tr227                                         | 2SC828(S)  | "                       | 1           |         |
| Tr228                                         | 2SC1317(S) | "                       | 1           |         |
| Tr230                                         | 2SC1684(S) | "                       | 1           |         |
| Tr231                                         | 2SA564(S)  | "                       | 1           |         |
| Tr232                                         | 2SC1317(S) | "                       | 1           |         |
| Tr233, 234, 235, 236, 237                     |            |                         |             |         |
|                                               | 2SC828(S)  | "                       | 5           |         |
| Tr501                                         | 2SC1407(R) | "                       | 1           |         |
| Tr502,<br>503                                 | 2SC828(S)  | "                       | 2           |         |
| Tr504,<br>505                                 | 2SC1407(R) | "                       | 2           |         |
| Tr506,<br>507                                 | 2SC828(S)  | "                       | 2           |         |
| Tr601                                         | 2SD334     | "                       | 1           |         |
| Tr602                                         | 2SC1383    | "                       | 1           |         |
| Tr603                                         | 2SC1684    | "                       | 1           |         |
| Tr604                                         | 2SC1846Q   | "                       | 1           |         |
| Tr605, 606, 607, 608, 609, 610                |            |                         |             |         |
| Tr606                                         | 2SC1407    | "                       | 1           |         |
| Tr607                                         | 2SC1684    | "                       | 1           |         |
| Tr608                                         | 2SB5120    | "                       | 1           |         |
| Tr609,<br>651                                 | 2SC828(A)  | "                       | 2           |         |
| Tr652,<br>653                                 | 2SC1384    | "                       | 2           |         |
| Tr654                                         | 2SC828(A)  | "                       | 1           |         |
| Tr655,<br>656                                 | 2SC1384    | "                       | 2           |         |
| Tr701, 702, 703, 704                          |            |                         |             |         |
|                                               | 2SA564(T)  | "                       | 4           |         |
| Tr705, 706, 707, 708, 709, 710                |            |                         |             |         |
|                                               | 2SA721(U)  | "                       | 6           |         |
| Tr711, 712, 713, 714, 715, 716                |            |                         |             |         |
|                                               | 2SC1383(S) | "                       | 6           |         |

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| Ref. No.                                 | Part No.   | Part Name & Description | Pcs/<br>Set | Remarks |
|------------------------------------------|------------|-------------------------|-------------|---------|
| Tr717, 718, 719, 720, 721, 722           |            |                         |             |         |
|                                          | 2SB5120    | Transistor              | 6           |         |
| Tr723, 724, 725, 726, 727, 728           |            |                         |             |         |
|                                          | 2SC1327(U) | "                       | 6           |         |
| Tr729, 730, 731, 732, 733, 734           |            |                         |             |         |
|                                          | 2SA683(S)  | "                       | 6           |         |
| Tr735, 736, 737, 738, 739, 740, 741, 742 |            |                         |             |         |
|                                          | 2SD3890    | "                       | 8           |         |
| Tr743, 744, 745, 746                     |            |                         |             |         |
|                                          | 2SA564(T)  | "                       | 4           |         |
| Tr747, 748, 749, 750                     |            |                         |             |         |
|                                          | 2SC828(T)  | "                       | 4           |         |
| Tr751, 752, 753, 754                     |            |                         |             |         |
|                                          | 2SA564(T)  | "                       | 4           |         |
| Tr801, 802, 803, 804, 805, 806           |            |                         |             |         |
|                                          | 2SC828(T)  | "                       | 6           |         |
| Tr807, 808                               | 2SC1317(S) | "                       | 2           |         |
| Tr809, 810                               | 2SA564(T)  | "                       | 2           |         |
| Tr811, 812                               | 2SC828(T)  | "                       | 2           |         |
| Tr813, 814                               | 2SA564(T)  | "                       | 2           |         |
| Tr815, 816, 817, 818                     |            |                         |             |         |
|                                          | 2SC828(T)  | "                       | 4           |         |
| Tr819, 820, 821, 822, 824                |            |                         |             |         |
|                                          | 2SA564(T)  | "                       | 6           |         |
| Tr829                                    | 2SC828(T)  | "                       | 1           |         |
| Tr891                                    | 2SA564(T)  | "                       | 1           |         |
| Tr892                                    | 2SC1317(S) | "                       | 1           |         |
| Tr901                                    | 2SC1327(U) | "                       | 1           |         |
| Tr902                                    | 2SC828(T)  | "                       | 1           |         |
| Tr903                                    | 2SA798H    | "                       | 1           |         |
| Tr904, 905, 906                          |            |                         |             |         |
|                                          | 2SC828(T)  | "                       | 3           |         |
| Tr907                                    | 2SA719(S)  | "                       | 1           |         |
| Tr908, 909                               | 2SK66(Q)   | FET                     | 2           |         |

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| Ref. No.                                                                                   | Part No.   | Part Name & Description | Pcs/<br>Set | Remarks |
|--------------------------------------------------------------------------------------------|------------|-------------------------|-------------|---------|
| Tr910, 911, 912, 913, 914                                                                  |            |                         |             |         |
|                                                                                            | 2SC828(T)  | Transistor              | 5           |         |
| Tr915                                                                                      | 2SC1317(S) | "                       | 1           |         |
| Tr916                                                                                      | 2SA564(T)  | "                       | 1           |         |
| Tr917                                                                                      | 2SC1317(S) | "                       | 1           |         |
| Tr918                                                                                      | 2SA721(U)  | "                       | 1           |         |
| Tr919, 920                                                                                 | 2SK66(Q)   | FET                     | 2           |         |
| Tr931, 932                                                                                 | 2SC828(T)  | Transistor              | 2           |         |
| Tr933                                                                                      | 2SA564(T)  | "                       | 1           |         |
| Tr934, 935, 936                                                                            |            |                         |             |         |
|                                                                                            | 2SC1327(U) | "                       | 3           |         |
| Tr937, 938, 939                                                                            |            |                         |             |         |
|                                                                                            | 2SA564(T)  | "                       |             |         |
| Tr940, 941, 942                                                                            |            |                         |             |         |
|                                                                                            | 2SA721(U)  | "                       | 3           |         |
| Tr943, 944, 945                                                                            |            |                         |             |         |
|                                                                                            | 2SC1317(S) | "                       |             |         |
| Tr946, 948, 949, 950                                                                       |            |                         |             |         |
|                                                                                            | 2SA564(T)  | "                       | 4           |         |
| Tr951, 952, 953, 954, 955                                                                  |            |                         |             |         |
|                                                                                            | 2SC828(T)  | "                       | 5           |         |
| Tr956, 957                                                                                 | 2SA564(T)  | "                       | 2           |         |
| Tr958                                                                                      | 2SC828(T)  | "                       | 1           |         |
| Tr959, 960, 961, 962                                                                       |            |                         |             |         |
|                                                                                            | 2SA564(T)  | "                       | 4           |         |
|                                                                                            |            | <b>DIODES</b>           |             |         |
| D1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25 |            |                         |             |         |
|                                                                                            | OA90MLF    | Diode                   | 25          |         |
| D26, 27                                                                                    | MA150LF    | "                       | 2           |         |
| D28                                                                                        | OA90MLF    | "                       | 1           |         |
| D29                                                                                        | SM102LF    | "                       | 1           |         |
| D101, 102, 103, 104, 105, 106                                                              |            |                         |             |         |
|                                                                                            | MA150LF    | "                       | 6           |         |
| D107, 108                                                                                  | OA90MLF    | "                       | 2           |         |

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| Ref. No.                                                                                     | Part No. | Part Name & Description | Pcs/<br>Set | Remarks   |
|----------------------------------------------------------------------------------------------|----------|-------------------------|-------------|-----------|
| D201,<br>202                                                                                 | MA150LF  | Diode                   | 2           |           |
| D207,<br>208                                                                                 | OA90MLF  | "                       | 2           |           |
| D501                                                                                         | MA1056FV | "                       | 1           |           |
|                                                                                              |          |                         | 1           |           |
|                                                                                              |          |                         | 2           |           |
|                                                                                              |          |                         | 1           |           |
| D605                                                                                         | MA1062LF | "                       | 1           |           |
| D606                                                                                         | MA1150LF | "                       | 1           |           |
| D607                                                                                         | MA1062LF | "                       | 1           |           |
|                                                                                              |          |                         | 1           |           |
| D609                                                                                         | MA1062LF | "                       | 1           |           |
| D621, 622, 623                                                                               |          |                         |             |           |
|                                                                                              | SIB0102  | "                       | 3           |           |
| D651,<br>652                                                                                 | OA90MLF  | "                       | 2           |           |
| D701, 702, 703, 704, 705, 706, 707, 708, 801, 802, 803, 804,<br>805, 806, 808, 901, 902, 903 |          |                         |             |           |
|                                                                                              | MA150LF  | "                       | 18          |           |
| D904                                                                                         | LN21     | Illuminate Diode        | 1           |           |
| D905                                                                                         | MA150LF  | Diode                   | 1           |           |
| D906                                                                                         | MA1056FV | "                       | 1           |           |
| D911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922,<br>923, 924                     |          |                         |             |           |
|                                                                                              | MA150LF  | "                       | 14          |           |
| D925                                                                                         | MZ203    | "                       | 1           |           |
| D926                                                                                         | MA1056LF | "                       | 1           |           |
|                                                                                              |          | <b>CRYSTAL</b>          |             |           |
| X901                                                                                         | QZE0004  | Crystal                 | 1           |           |
|                                                                                              |          | <b>TRANSFORMERS</b>     |             |           |
|                                                                                              |          | Power Transformer       | 1           |           |
| T101                                                                                         | QLT2D10A | Headphone Transformer   | 1           | RS-671AUS |
| T201                                                                                         | QLT2D10A | "                       | 1           | "         |
| T501                                                                                         | QLB0140  | OSC Transformer         | 1           | RS-275US  |
|                                                                                              |          | <b>COILS</b>            |             |           |
| L101                                                                                         | QLH2008  | Peaking Coil            | 1           | RS-263AUS |

| Ref. No.                | Part No.               | Part Name & Description                  | Pcs/<br>Set | Remarks   |
|-------------------------|------------------------|------------------------------------------|-------------|-----------|
| L102,<br>103            | QLH2009                | Peaking Coil                             | 2           | RS-740US  |
| L201                    | QLH2008                | "                                        | 1           | RS-263AUS |
| L202,<br>203            | QLH2009                | "                                        | 2           | RS-740US  |
| L501,<br>502            | QLQC6021K              | Erase                                    | 2           |           |
|                         |                        | <b>SWITCHES</b>                          |             |           |
| S1                      | QSW1206AA              | Power ON/OFF Switch                      | 1           |           |
| S2                      | Refer to VR902,<br>903 | Pitch Control Switch with VR             | 1           |           |
| S3                      | QSR6301H               | Speed Selector Switch                    | 1           |           |
| S4, 5                   | QST4211A               | Tape/Source Selector Switch              | 2           | RS-9900US |
| S6                      | QST4306A               | EQ Selector Switch                       | 1           |           |
| S7, 8                   | QST4208A               | Record Mode ON/OFF Switch                | 2           | RS-9900US |
| S9                      | QST2302A               | Bias Selector Switch                     | 1           | "         |
| S10, 11                 | QSW2209A               | Mic ATT/Meter Switch                     | 2           |           |
| S12                     | QSW2208AA              | Timer Start Switch                       | 1           |           |
| S13, 14, 15, 16, 17, 18 |                        |                                          |             |           |
|                         | EVQPAR11K              | Control Key Switch                       | 6           |           |
| S19, 20                 | QSM0068                | Micro Switch                             | 2           |           |
| S21                     | QSS2211S               | Slide Switch                             | 1           |           |
| S22                     | QSS1133                | Cue and DC Power Switch                  | 1           | RS-272US  |
| S23                     | QSS4212A               | M/D Switch                               | 1           |           |
|                         |                        | <b>JACKS</b>                             |             |           |
| J1, 2                   | QJA0250H               | Microphone Jack                          | 2           | RS-600US  |
| J3                      | QJA0249H               | Headphone Jack                           | 1           | "         |
|                         |                        | <b>LAMPS</b>                             |             |           |
| PL1, 2                  | XAMQ35                 | VU Meter Lamp                            | 2           | RS-740US  |
| PL3, 4, 5               | XAMQ34S50W             | Lamp For Function Button                 | 3           | ⊙         |
|                         |                        | <b>INTEGRATED CIRCUITS</b>               |             |           |
| IC1, 2, 3, 4, 5, 6, 7   |                        |                                          |             |           |
|                         | M53200P                | Integrated Circuit                       | 7           | RS-9900US |
| IC901,<br>902           | M53273P                | IC For Frequency Divicer                 | 2           |           |
| IC903                   | M58432P                | IC For Crystal OSC,<br>Frequency Divicer | 1           |           |

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| Ref. No. | Part No.  | Part Name & Description      | Pcs/<br>Set | Remarks   |
|----------|-----------|------------------------------|-------------|-----------|
| E57      | QJS0778JN | 6 Pin Housing                | 9           | RS-600US  |
| E58      | QJS0779JN | 9 Pin Housing                | 3           | RS-9900US |
| E59      | QJS0780JN | 12 Pin Housing               | 1           | "         |
| E60      | QJS0781JN | 15 Pin Housing               | 1           | "         |
| E61      | QJS0789JN | 12 Pin Socket For Head       | 1           |           |
| E62      | QJS0803X  | 12 Pin Socket                | 1           |           |
| E63      | QJT1042   | Contact                      | 140         |           |
| E64      | QJT1053   | Contact For 12 Pin Connector | 11          |           |
| E65      | QJT1041A  | Flat Pin                     | 40          | RS-600US  |
| E67      | QJS0754   | 6 Pin Mold Connector         | 4           | RS-671AUS |
| E68      | QJT0080   | 6 Pin Connector Pin          | 12          |           |
|          |           | <b><u>CABINET PARTS</u></b>  |             |           |
| G1       | QGC1066A  | Top Cover                    | 1           |           |
| G2       | QGC1067A  | Bottom Cover                 | 1           |           |
| G3       | QYP0683   | Function Panel Assembly      | 1           |           |
| G4       | QKS1223A  | Side Board                   | 2           |           |
| G5       | QKS1224   | Back Board                   | 1           |           |
| G6       | QKJ0170   | Cord Clamper                 | 2           |           |
| G7       | QKJ0178   | Foot for Back Side           | 4           |           |
| G8       | QMH2005   | Foot Holder                  | 2           |           |
| G9       | QKA1053A  | Foot for Bottom Side         | 4           | RS-715US  |
| G10      | Q GK2644A | Function Panel Cover         | 1           |           |
| G11      | QYT0414   | Lever Knob (L) Assembly      | 2           |           |
| G12      | SBLA4-3   | Lever Knob Assembly          | 4           | RS-9900US |
| G13      | QYT0413   | Marker Knob Assembly         | 2           |           |
| G14      | QYT0407   | Volume Knob (D) Assembly     | 2           | RS-9900US |
| G15      | QYT0406A  | Volume Knob (C) Assembly     | 3           | "         |
| G16      | QYT0412   | Knob (L) Assembly            | 1           |           |
| G17      | QBH2013   | Spacer-A                     | 1           |           |
| G18      | QBJ1459   | Spacer-B                     | 1           |           |
| G19      | QBP1712   | Flat Spring                  | 2           |           |
| G20      | QBJ1966   | Spacer-C                     | 1           |           |
| G21      | QGO1285   | Push Button                  | 2           |           |
| G22      | QGO1286A  | "                            | 1           |           |

| Ref. No. | Part No.   | Part Name & Description       | Pcs/<br>Set | Remarks  |
|----------|------------|-------------------------------|-------------|----------|
| G23      | QGO1287    | Push Button                   | 1           |          |
| G24      | QYT0411    | Volume Knob For Speed         | 1           |          |
| G25      | QYT0415    | Volume Knob For Pitch Control | 1           |          |
| G26      | QYP0684    | Button Panel Assembly         | 1           |          |
| G27      | QBC1231    | Button Spring                 | 2           | RS-862S  |
| G28      | QGS2434    | Name Plate                    | 1           |          |
| G29      | XSN4+10BVS | Screw $\Phi 4 \times 10$      | 6           | COMMON   |
| G30      | QBJ3205    | Ornament Washer               | 4           | "        |
| G31      | XSN4+35BVS | Screw $\Phi 4 \times 35$      | 4           | "        |
| G32      | XWG4       | Washer                        | 14          | "        |
| G33      | XSN4+14BVS | Screw $\Phi 4 \times 14$      | 12          | "        |
| G34      | XSN4+8S    | Screw $\Phi 4 \times 8$       | 4           | "        |
| G35      | XTV3+12BFZ | Screw $\Phi 3 \times 12$      | 4           | "        |
| G36      | XVE4C30FZS | Screw with Hexagon Hole       | 4           |          |
| G37      | QBJ3299    | Poly Washer                   | 3           | RS-630US |
| G38      | XUB16FP    | Stop Ring                     | 2           |          |
|          |            | <b><u>ACCESSORIES</u></b>     |             |          |
| A1       | RP023A     | Connection Cord               | 2           | RS-600US |
| A2       | QMH2007A   | Reel Holder                   | 2           |          |
| A3       | QFX0013    | Head Cleaner                  | 1           |          |
| A4       | Q GK2697   | Reel Holder Ornament          | 2           |          |
| A5       | QYC0182    | Dust Cover Assembly           | 1           |          |
| A6       | QYQ0273    | Spacer for Reel Table         | 2           |          |
| A7       | QQT2101    | Instruction Book              | 1           |          |
|          |            | <b><u>PACKINGS</u></b>        |             |          |
| P1       | QPN3544    | Inside Carton                 | 1           |          |
| P2       | QPA0307    | Inside Cushion-A              | 1           |          |
| P3       | QPA0308    | Inside Cushion-B              | 1           |          |
| P4       | QPA0309    | Inside Cushion-C              | 1           |          |
| P5       | QPA0310    | Inside Cushion-D              | 1           |          |
| P6       | QPA0311    | Inside Cushion-E              | 1           |          |
| P7       | QPC0037    | Poly Bag for Main Unit        | 1           |          |
| P8       | QPQ1052    | Poly Bag for Power Cord       | 1           |          |

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| Ref. No.                                                  | Part No.   | Part Name & Description             | Pcs/<br>Set | Remarks   |
|-----------------------------------------------------------|------------|-------------------------------------|-------------|-----------|
| <b>ELECTRICAL PARTS</b>                                   |            |                                     |             |           |
| E1                                                        | QWY2021    | Record Head (2 Track)               | 1           |           |
| E2                                                        | QWY2002A   | Playback Head (2 Track)             | 1           |           |
| E3                                                        | QWY0001    | Erase Head (2 Track)                | 1           |           |
| E4                                                        | QWY4011A   | Playback Head (4 Track)             | 1           |           |
| E5                                                        | QSL9009RNM | Level Meter                         | 2           |           |
| <b>Main Amplifier Section (See page 18, 19)</b>           |            |                                     |             |           |
| E6                                                        | QMA2926A   | Back Side Angle                     | 1           |           |
| E7                                                        | QMA2932    | Side Angle (L.R)                    | 2           |           |
| E8                                                        | QMA2944    | Mic and Meter Amp Holding Angle     | 1           |           |
| E9                                                        | QMA2938A   | Mic and Meter Amp Sub-Holding Angle | 1           |           |
| E10                                                       | QBS1107    | P.C.B. Holding Wire                 | 1           |           |
| E11                                                       | QNQ1039    | Nut For VR                          | 3           | RS-630US  |
| E12                                                       | QNQ1070    | Nut For Mic and Headphone Jack      | 3           | RS-600US  |
| E13                                                       | QMA3147    | Mic and Meter Switch Holding Angle  | 1           |           |
| E14                                                       | QEJ5001SM  | LINE IN, OUT Jack Board Assembly    | 1           |           |
| <b>Capstan Motor Control P.C.B. Section (See page 19)</b> |            |                                     |             |           |
| E15                                                       | QMA2937    | Switch Angle                        | 1           |           |
| E16                                                       | QML3013    | Power Switch Lever                  | 1           |           |
| E17                                                       | QML3194    | Power Switch Lever Arm              | 1           |           |
| E18                                                       | QMA2934    | Power Switch Lever Holding Angle    | 1           |           |
| E19                                                       | QHQ1177S   | Step Screw                          | 1           | RS-671AUS |
| E20                                                       | XUC4FT     | Stop Ring                           | 1           | COMMON    |
| E21                                                       | QNQ1004    | Nut For Speed and Pinch Control     | 2           | RQ-542S   |
| <b>Reel Motor Control P.C.B. Section (See page 19)</b>    |            |                                     |             |           |
| E22                                                       | QMA2941    | P.C.B. Holding Angle-C              | 1           |           |
| E23                                                       | QMA2942    | P.C.B. Holding Angle-D              | 1           |           |
| <b>Power Supply P.C.B. Section (See page 19)</b>          |            |                                     |             |           |
| E24                                                       | QMF1001    | P.C.B. Holding Plate                | 1           |           |
| E25                                                       | QMA3148    | P.C.B. Holding Angle                | 1           |           |

| Ref. No.                                       | Part No.     | Part Name & Description            | Pcs/<br>Set | Remarks   |
|------------------------------------------------|--------------|------------------------------------|-------------|-----------|
| E26                                            | QTF1007      | Fuse Holder                        | 6           | RS-9900US |
| E27                                            | XBA2F10NU100 | "                                  | 1           |           |
| E28                                            | XBA1F20NU100 | "                                  | 1           |           |
| E29                                            | XBA1F40NU100 | "                                  | 1           |           |
| E30                                            | QMA2943A     | Power Source Board Angle           | 1           |           |
| E31                                            | QMA2945      | Power Source Board Holding Angle   | 1           |           |
| E32                                            | QMA2946      | Power Source Board Holding Angle-2 | 1           |           |
| E33                                            | QJS0326      | AC-IN Socket                       | 1           |           |
| E34                                            | QJS0748A     | 4 Pin Din Socket                   | 1           |           |
| E35                                            | QFC1201M     | AC Cord                            | 1           | RS-268US  |
| E36                                            | QTD1129      | AC Cord Bushing                    | 1           | "         |
| E37                                            | QMF1933      | AC/DC Select Switch Holding Plate  | 1           |           |
| E38                                            | QJT1027      | Earth Terminal Nut                 | 1           | RS-9900US |
| E39                                            | QJT1025      | Earth Terminal Shaft               | 1           | "         |
| E40                                            | QJT1026      | Earth Terminal Seat                | 1           | "         |
| E41                                            | EQJ0187A     | Spark Killer                       | 1           | RS-630US  |
| E42                                            | QTW1118A     | Spark Killer Cover                 | 1           | RS-640US  |
| <b>Power Transformer Section (See page 20)</b> |              |                                    |             |           |
| E43                                            | QMA3150      | Power Transformer Cover Angle      | 1           |           |
| E44                                            | QMA3149      | Power Transformer Angle            | 1           |           |
| E45                                            | QMA2986      | Connector Angle                    | 1           |           |
| E46                                            | QTH1131      | Heat Shink                         | 1           |           |
| <b>Other Parts</b>                             |              |                                    |             |           |
| E47                                            | QKJ0189      | Connector Cover                    | 1           |           |
| E48                                            | QBS1108      | Clamper-A                          | 1           |           |
| E49                                            | QBS1109      | Clamper-B                          | 1           |           |
| E50                                            | QJP1908JO    | 3 Pin Plug                         | 15          | RS-600US  |
| E51                                            | QJP1902JO    | 6 Pin Plug                         | 12          | "         |
| E52                                            | QJP1903JO    | 9 Pin Plug                         | 4           | RS-9900US |
| E53                                            | QJP1904JO    | 12 Pin Plug                        | 2           | "         |
| E54                                            | QJP1905JO    | 15 Pin Plug                        | 1           | "         |
| E55                                            | QJS0776      | 2 Pin Housing                      | 1           | RQ-544AS  |
| E56                                            | QJS0784JN    | 3 Pin Housing                      | 13          | RS-600US  |