

CASSETTE TAPE DECK

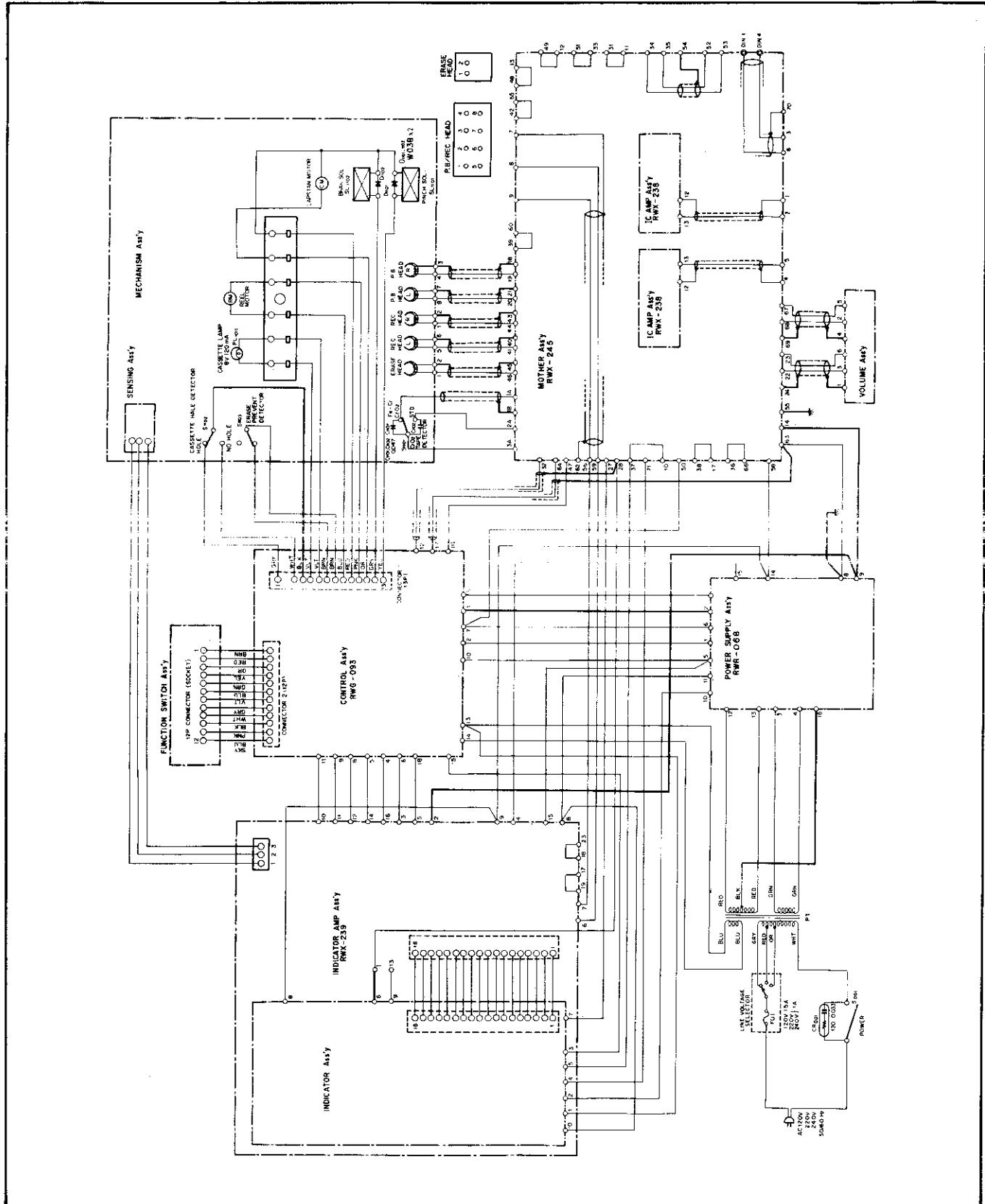
# CT-F900

## SERVICE MANUAL

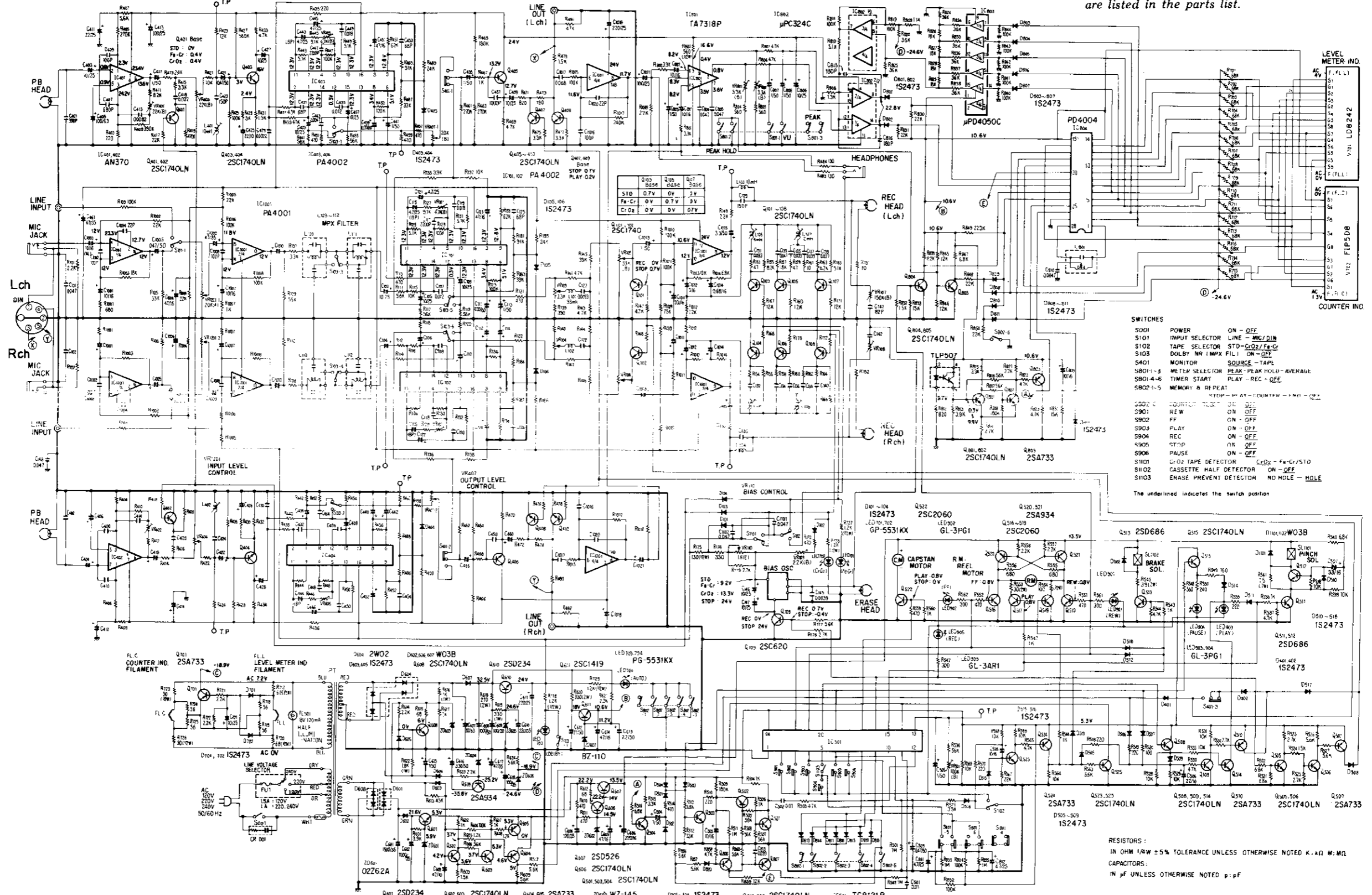


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# CONNECTION DIAGRAM OF CT-F900



NOTE:  
The indicated semiconductors are representative ones only. Other alternative semiconductors may be used and are listed in the parts list.

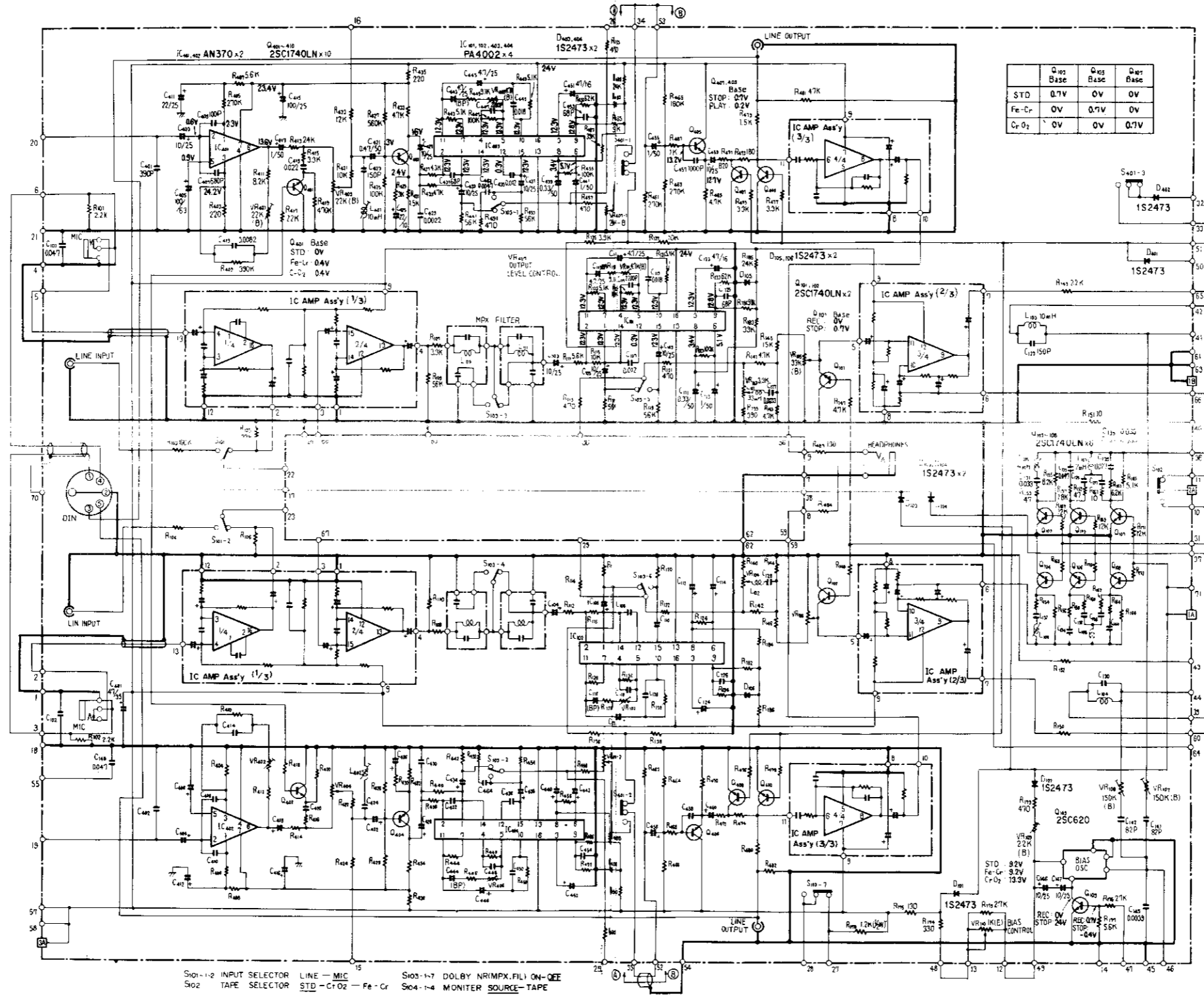


- SWITCHES**
- S001 POWER ON - OFF
  - S101 INPUT SELECTOR LINE - MIC/DIN
  - S102 TAPE SELECTOR STD - C/02/F/1/5-C
  - S103 DOLBY NR (MPX FIL) ON - OFF
  - S401 MONITOR SOURCE - TAPL
  - S801-1-5 METER SELECTOR PEAK - PEAK HOLD - AVERAGE
  - S801-4-6 TIMER START PLAY - REC - OFF
  - S802-1-5 MEMORY & REPEAT STOP - PLAY - COUNTER - END - OFF
  - S900-2 COUNTER TEST ON - OFF
  - S901 REW ON - OFF
  - S902 FF ON - OFF
  - S903 PLAY ON - OFF
  - S904 REC ON - OFF
  - S905 STOP ON - OFF
  - S906 PAUSE ON - OFF
  - S101 C/02 TAPE DETECTOR C/02 - F/1-C/1/5/STD
  - S102 CASSETTE HALF DETECTOR ON - OFF
  - S103 ERASE PREVENT DETECTOR NO HOLE - HOLE
- The underlined indicates the switch position

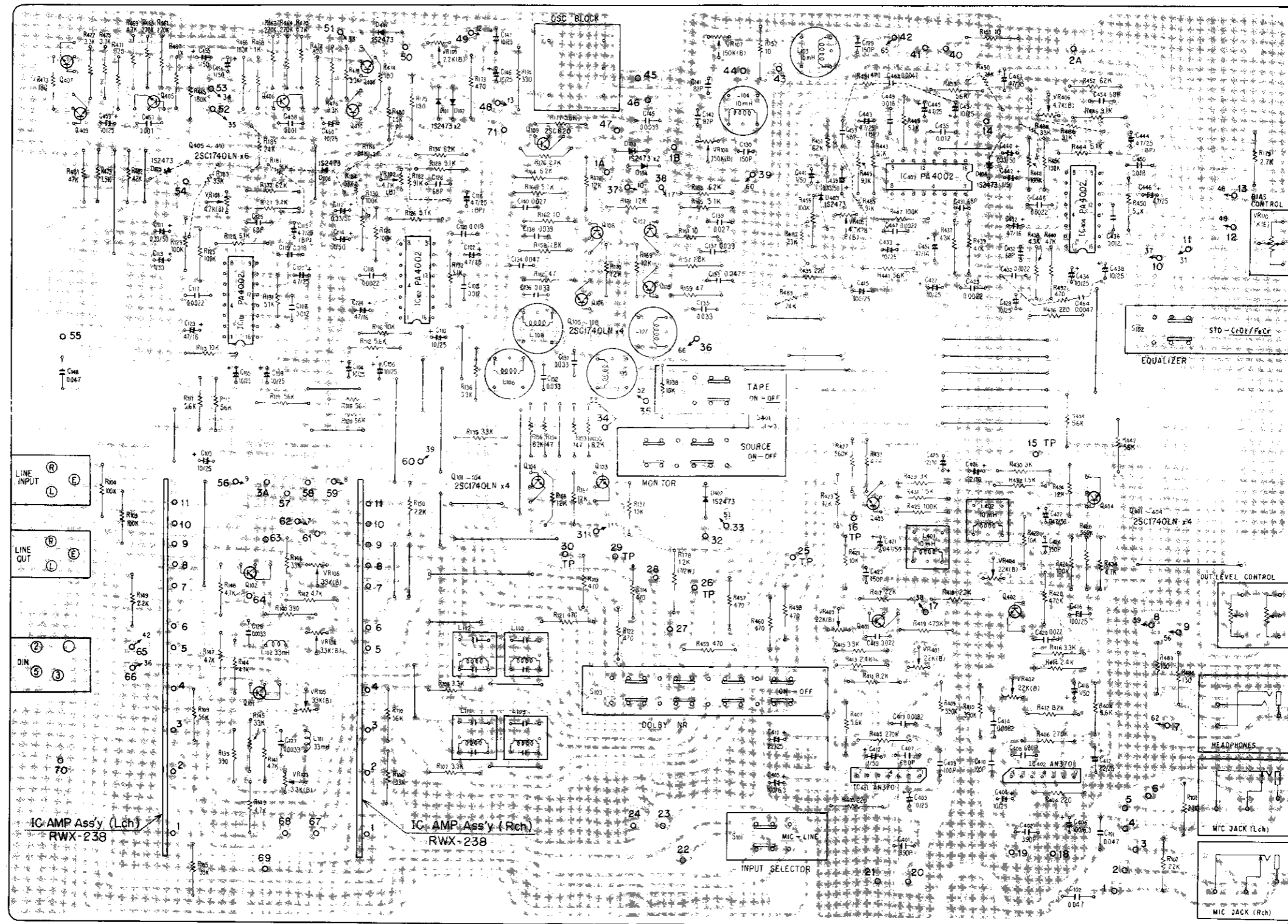
RESISTORS:  
IN OHM 1/4W ±5% TOLERANCE UNLESS OTHERWISE NOTED K, M, G, M: MΩ  
CAPACITORS:  
IN μF UNLESS OTHERWISE NOTED p, pF

This is the basic schematic diagram, but the actual circuit may vary due to improvements in design.

MOTHER ASSEMBLY(RWX-245) OF CT-F900



Foil side



1

2

3

4

5

6

A

A

B

B

C

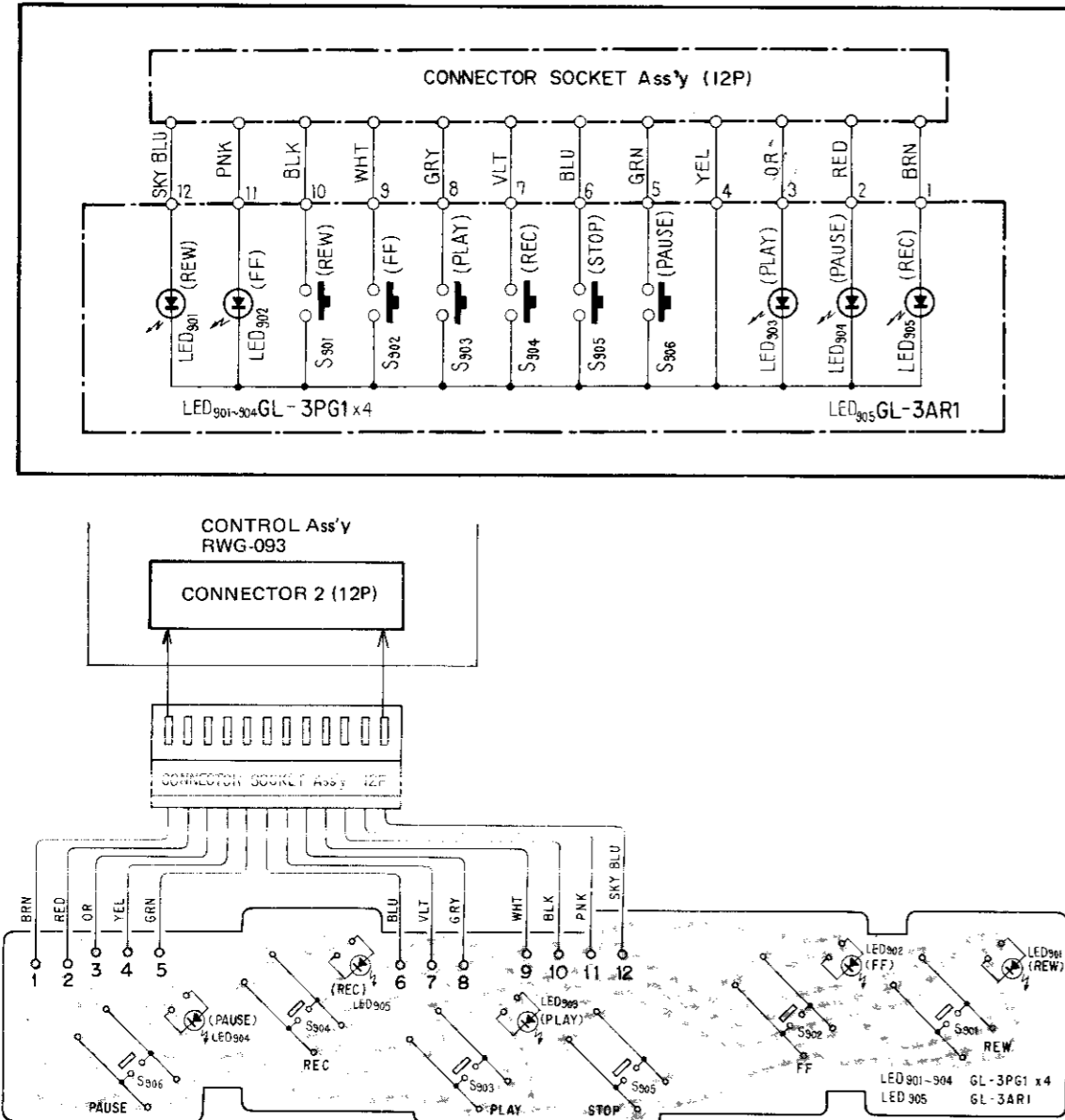
C

D

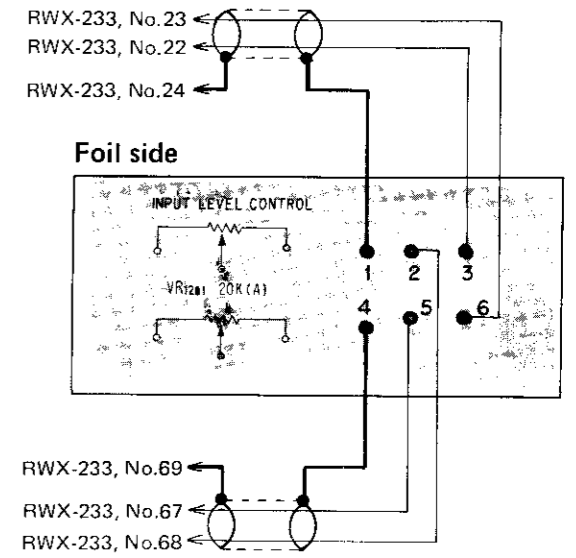
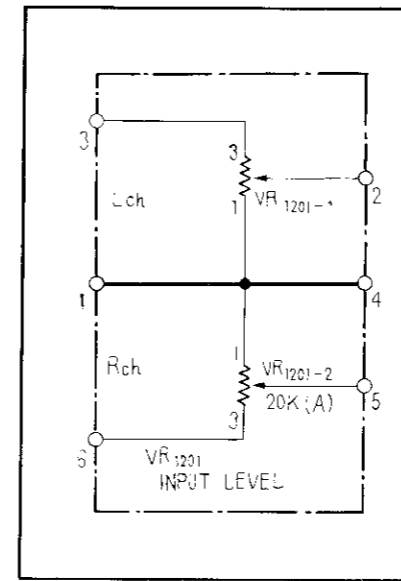
D



FUNCTION SWITCH ASSEMBLY



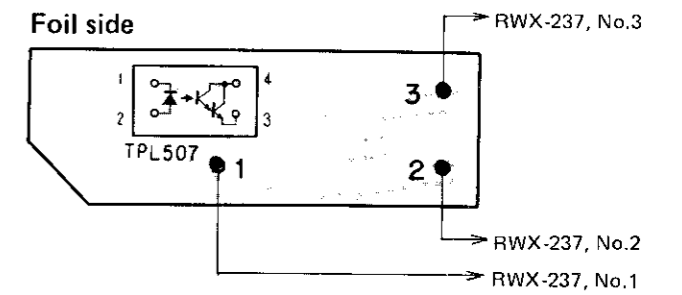
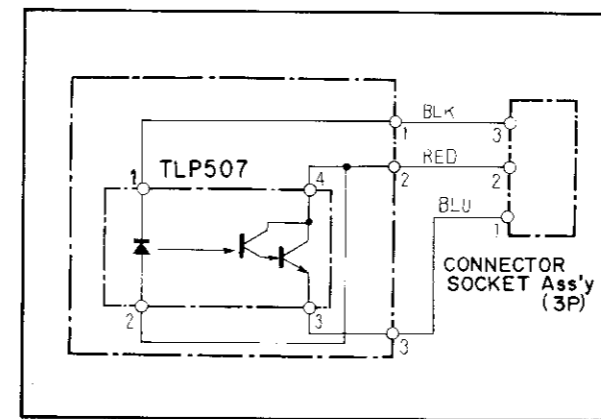
VOLUME ASSEMBLY



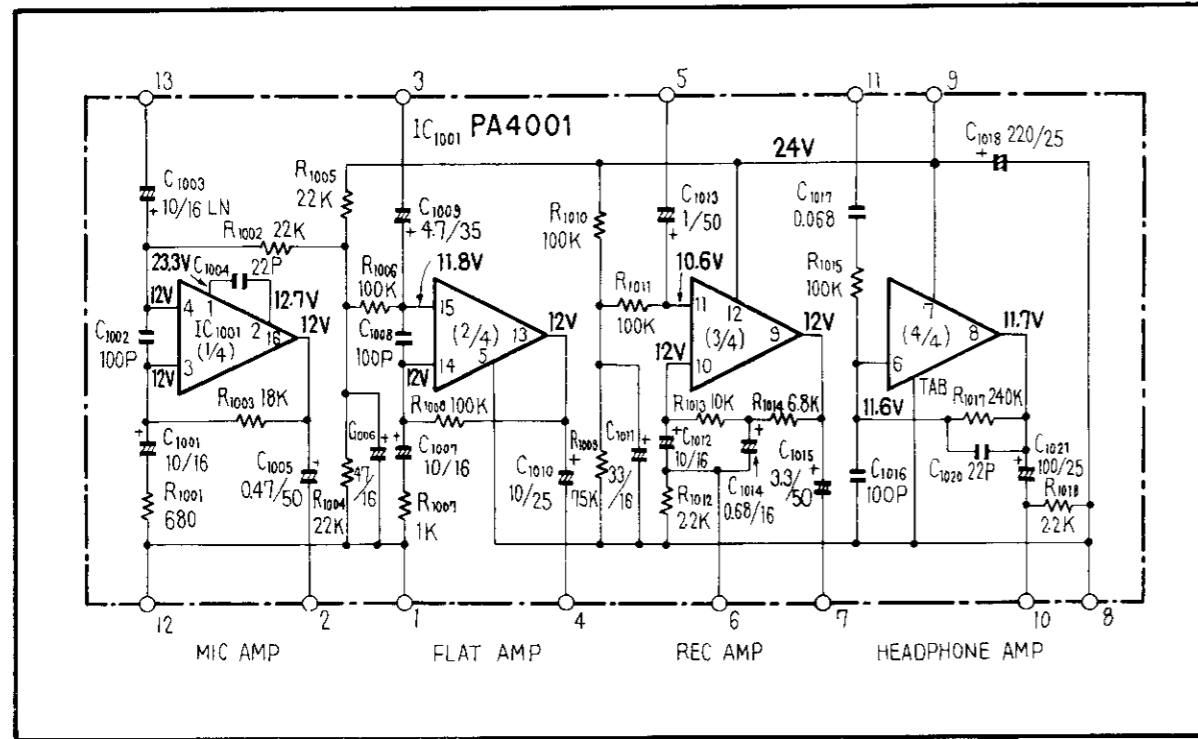
Parts List

| Part No. | Symbol & Description        |
|----------|-----------------------------|
| RCV-056  | VR1201 Volume 20k-A (INPUT) |

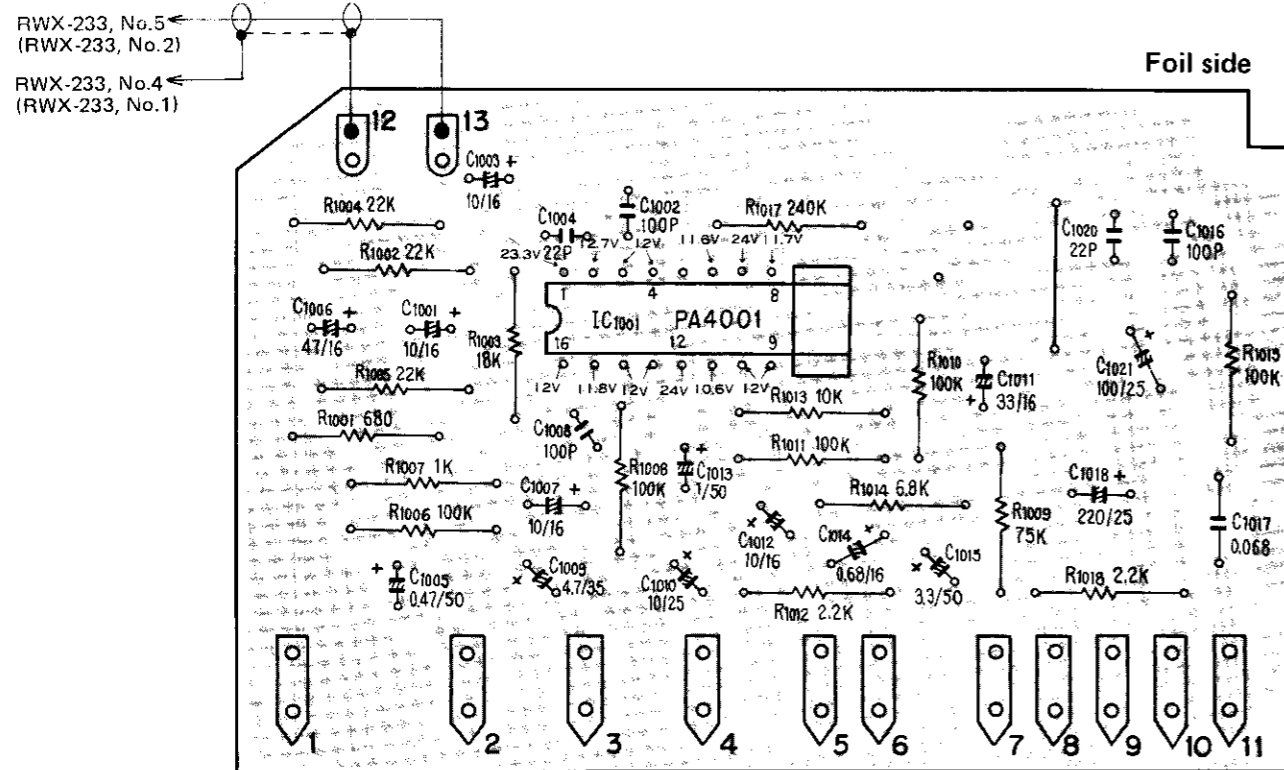
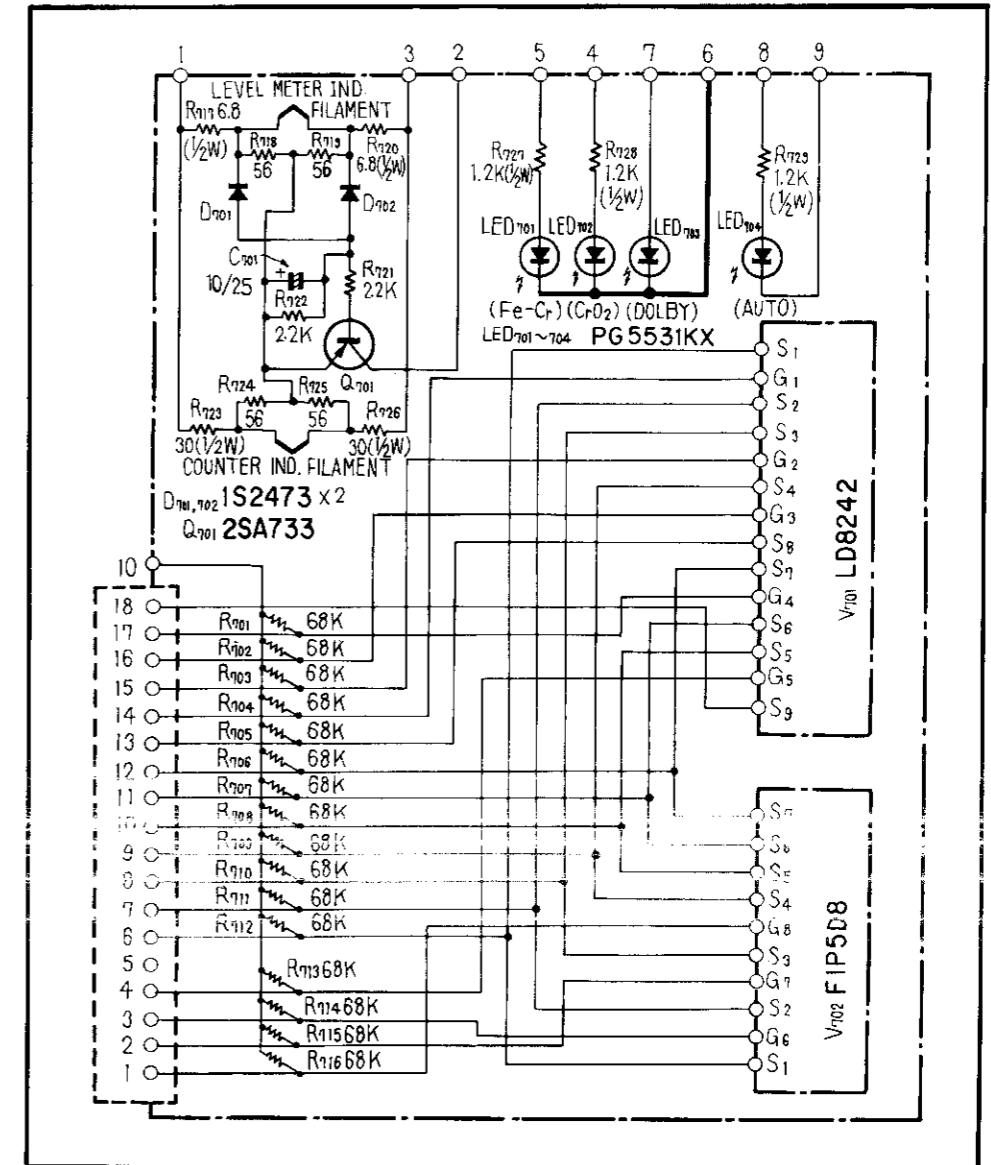
SENSING ASSEMBLY



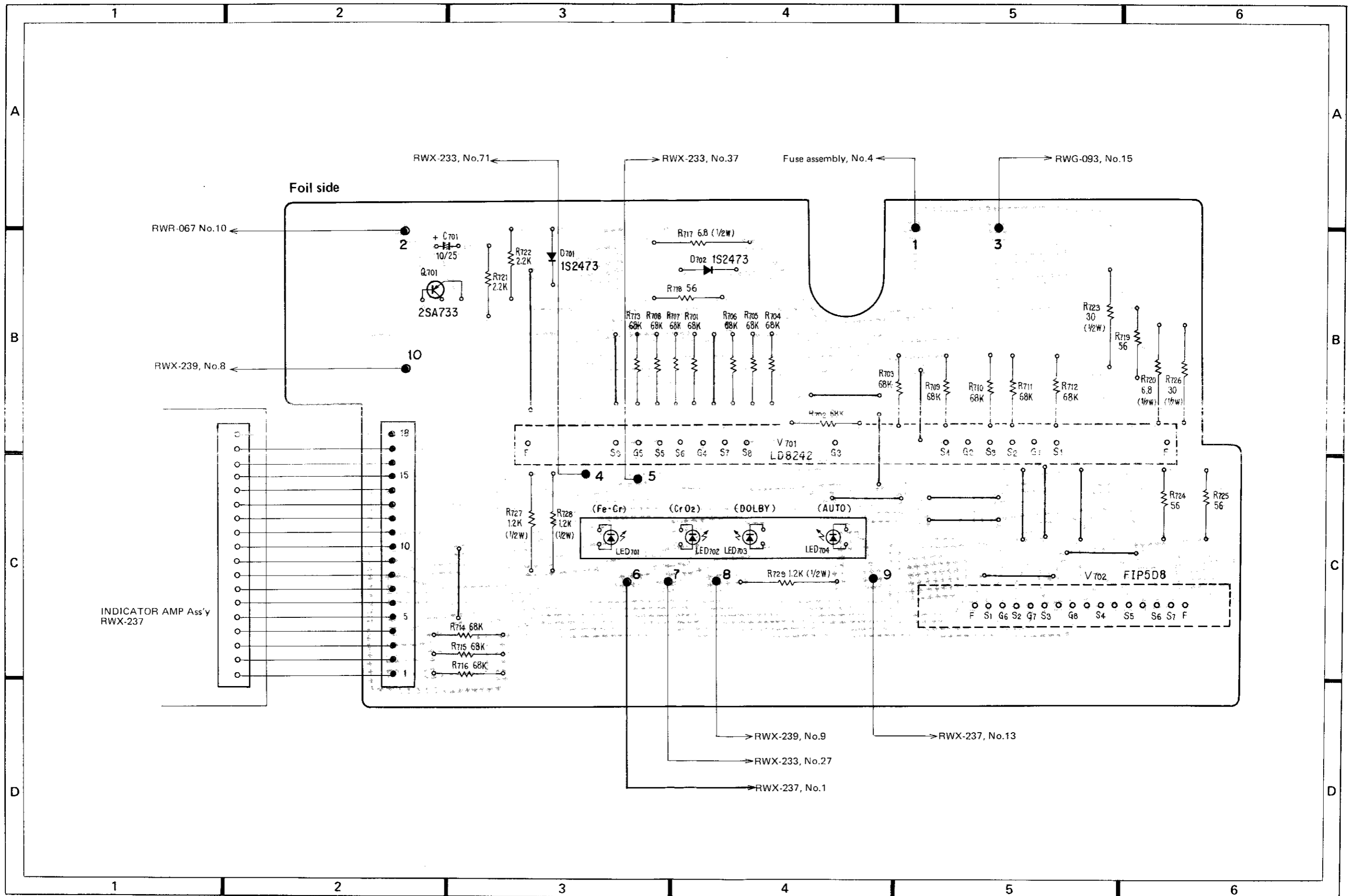
Integrated Amplifier Assembly (RWX-238)

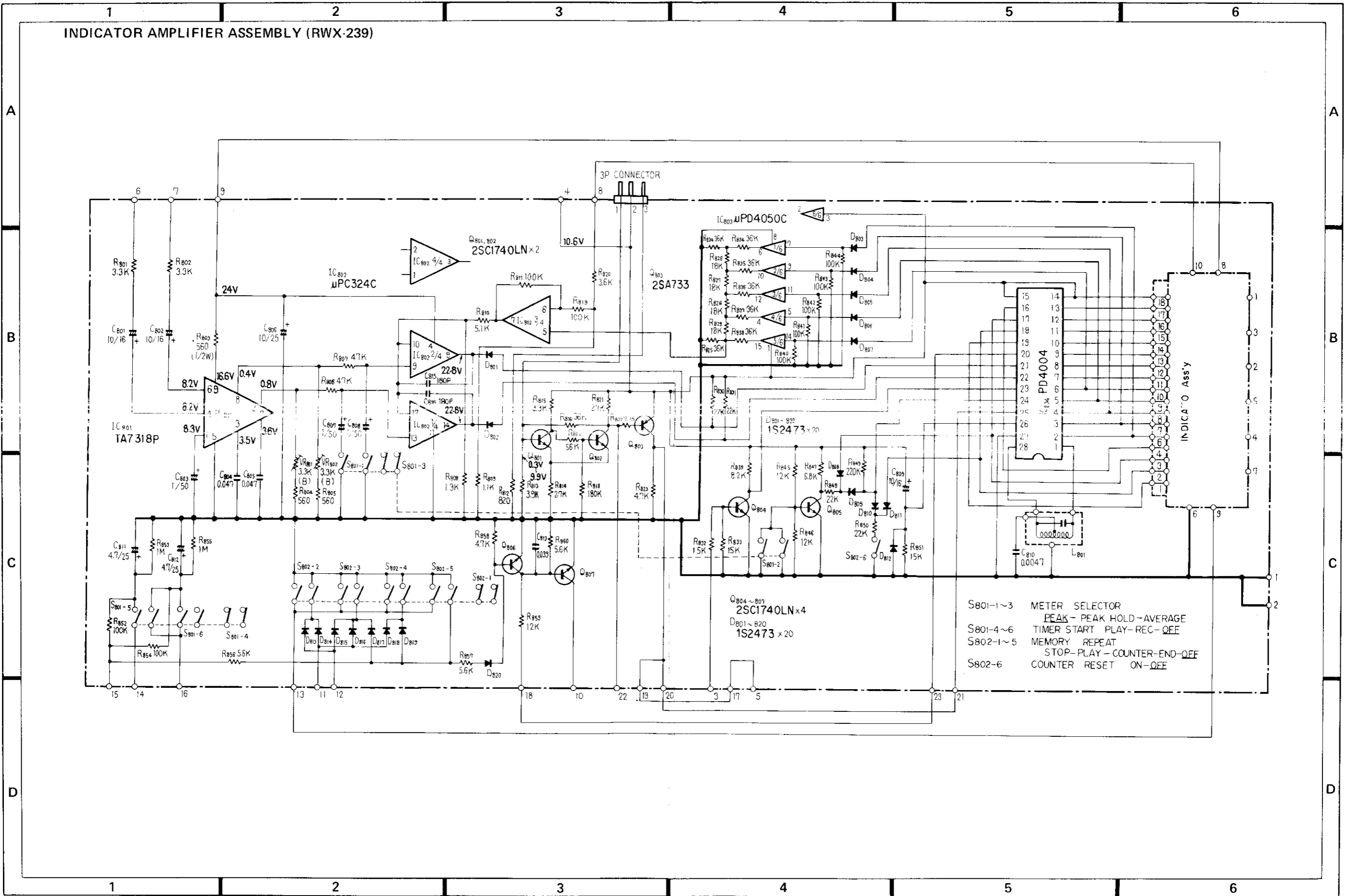


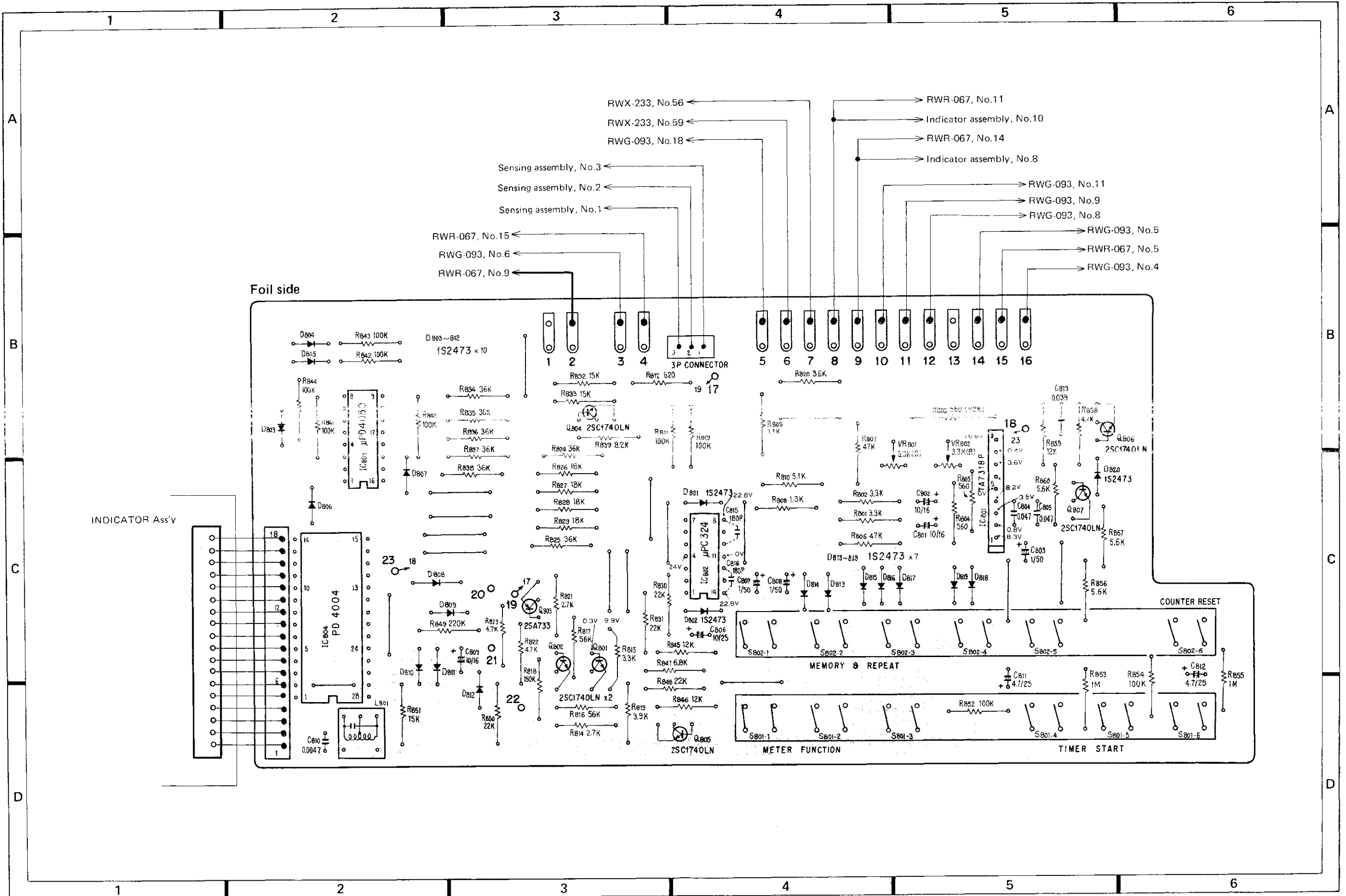
INDICATOR ASSEMBLY



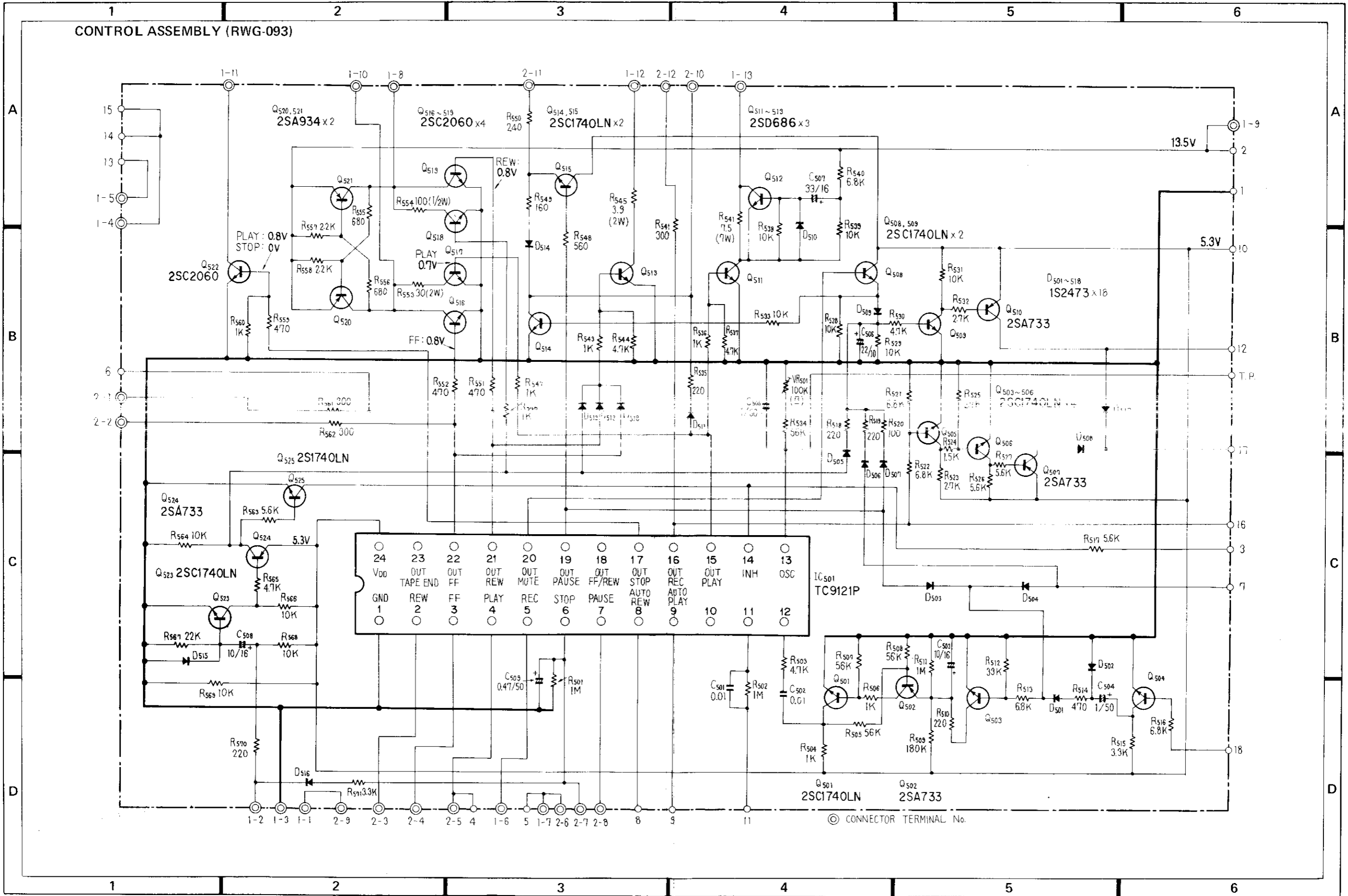


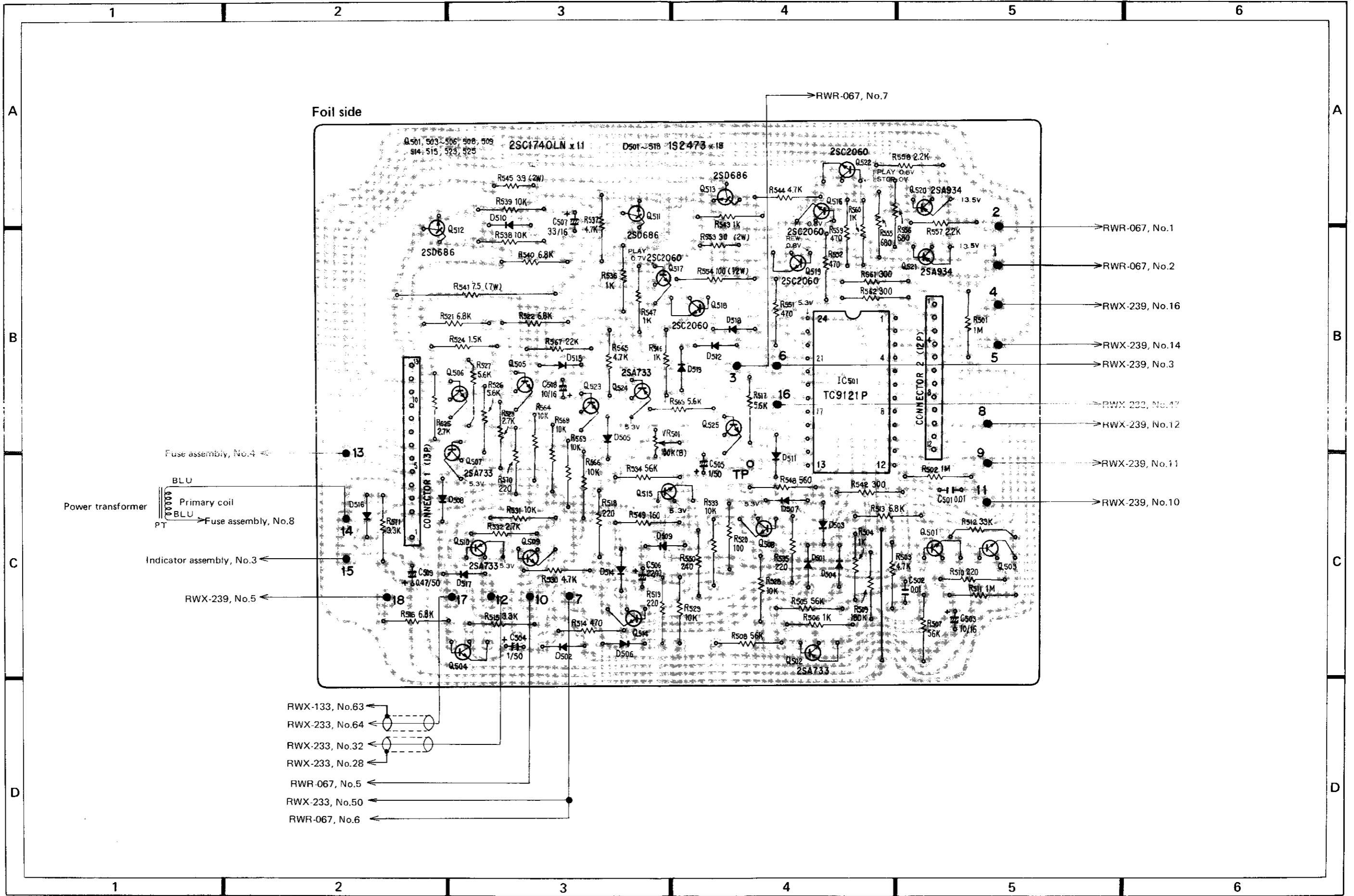






CONTROL ASSEMBLY (RWG-093)





Foil side

Fuse assembly, No.4

Power transformer  
 BLU  
 Primary coil  
 BLU  
 PT → Fuse assembly, No.8

Indicator assembly, No.3

RWX-239, No.5

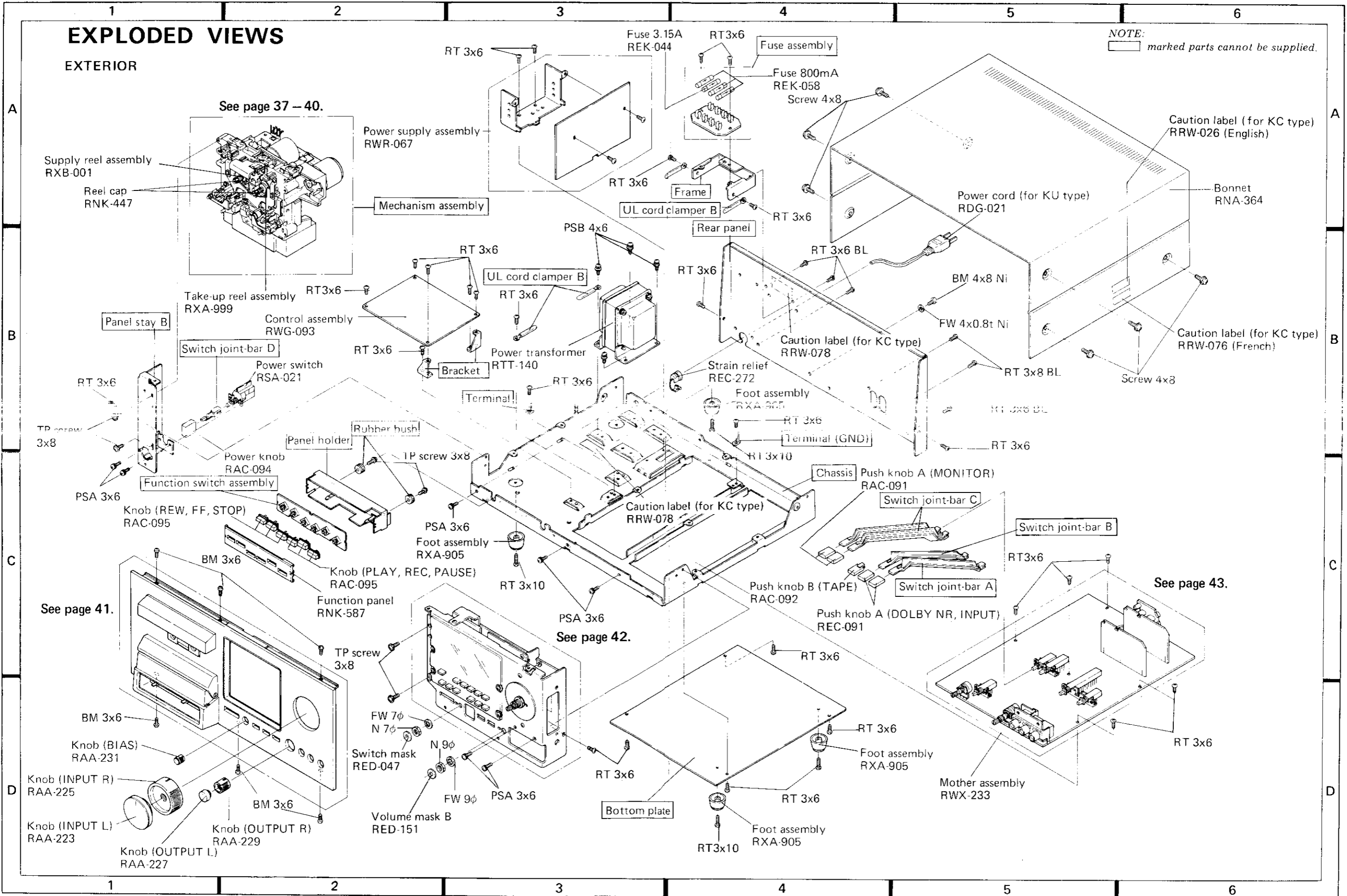
- RWX-133, No.63
- RWX-233, No.64
- RWX-233, No.32
- RWX-233, No.28
- RWR-067, No.5
- RWX-233, No.50
- RWR-067, No.6

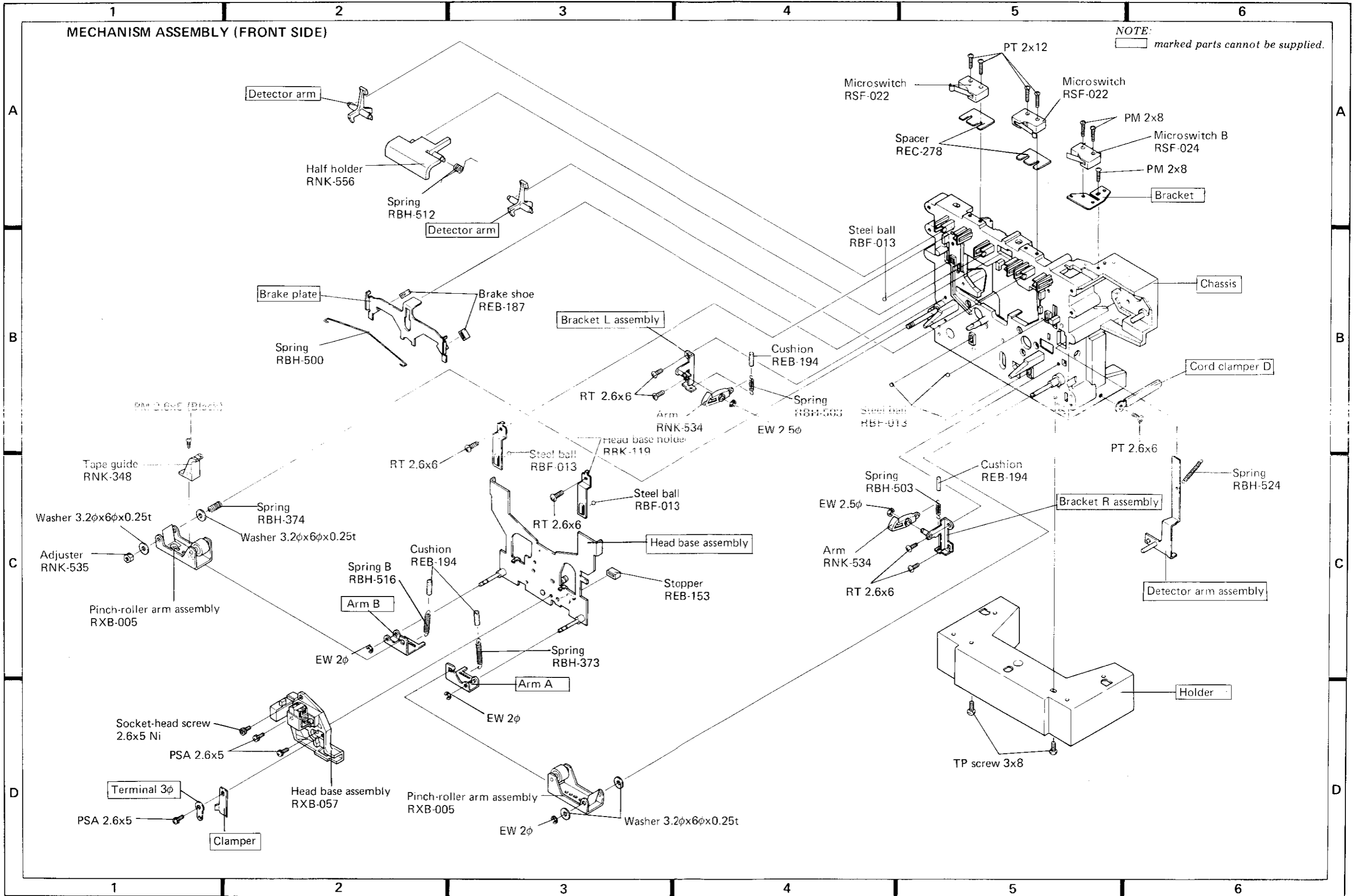
- RWR-067, No.1
- RWR-067, No.2
- RWX-239, No.16
- RWX-239, No.14
- RWX-239, No.3
- RWX-233, No.47
- RWX-239, No.12
- RWX-239, No.11
- RWX-239, No.10

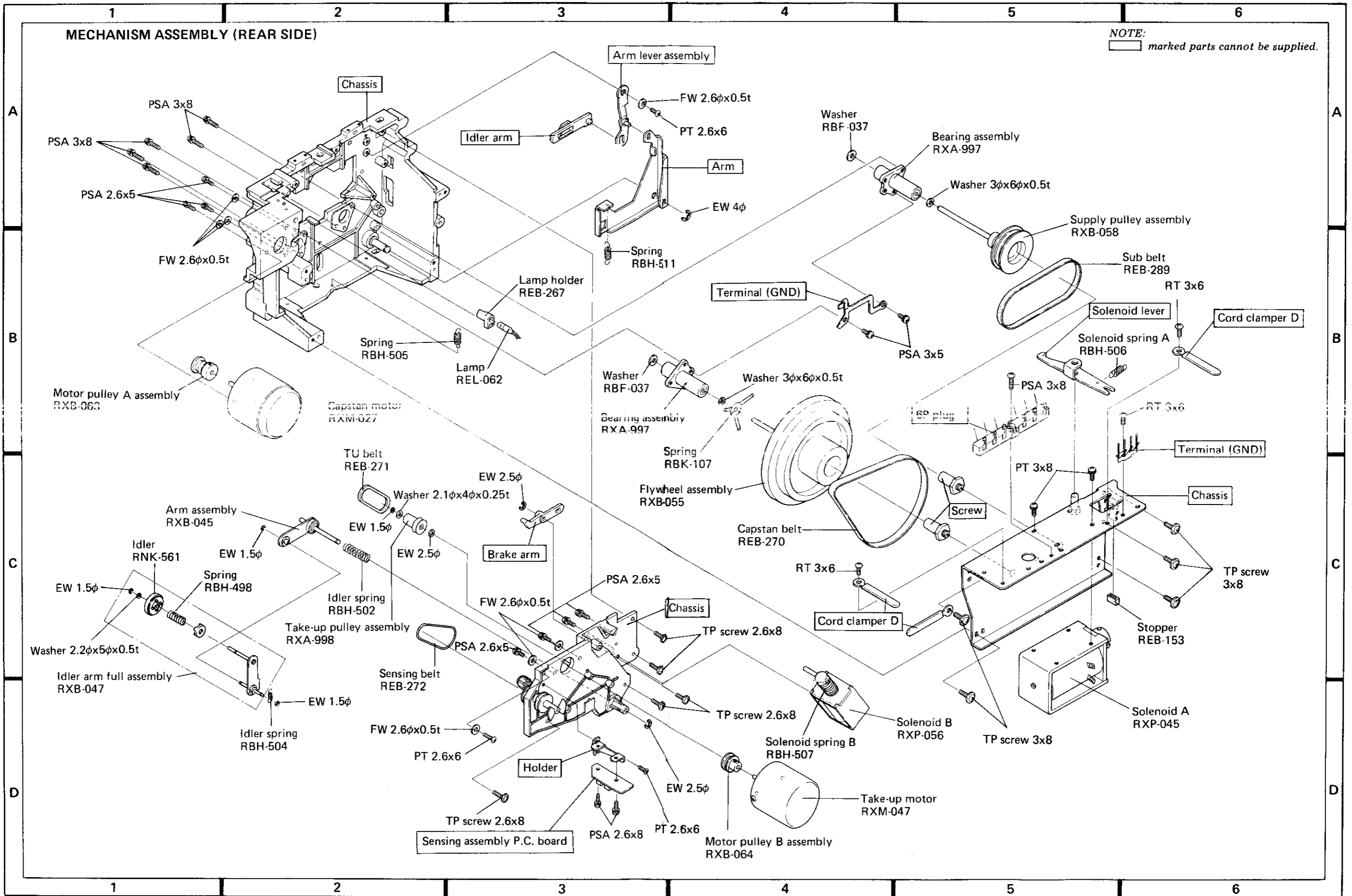
# EXPLODED VIEWS

## EXTERIOR

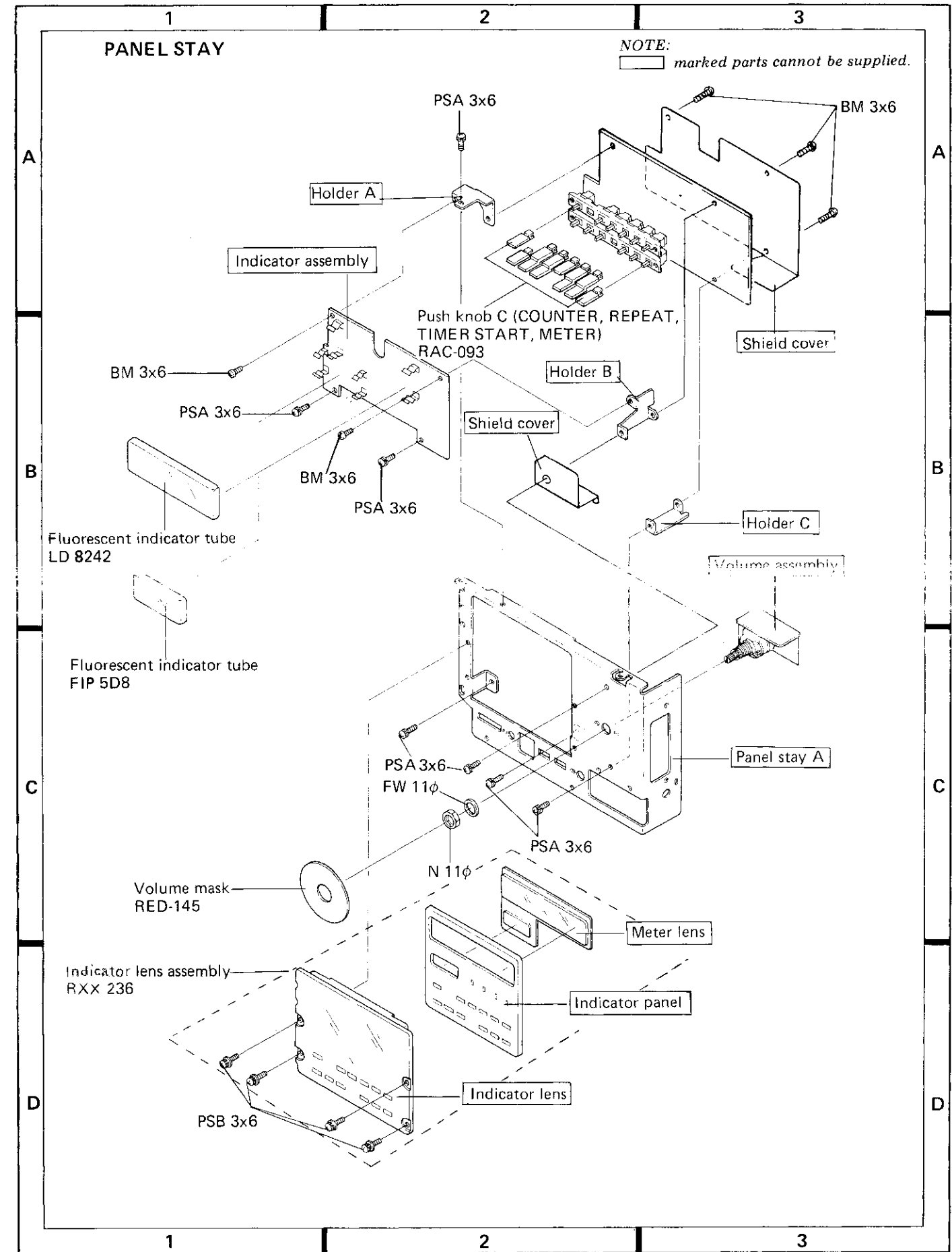
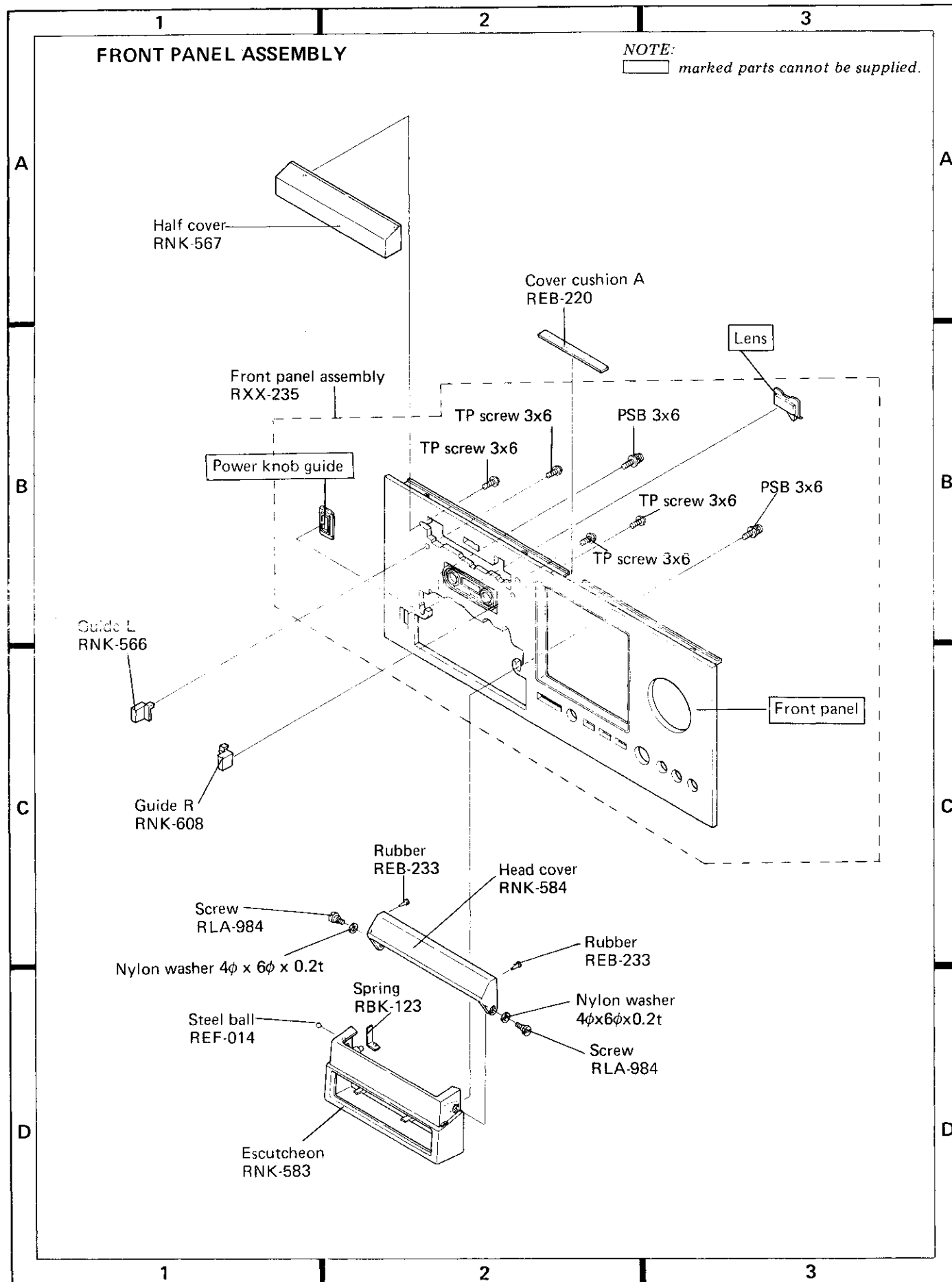
NOTE:   marked parts cannot be supplied.

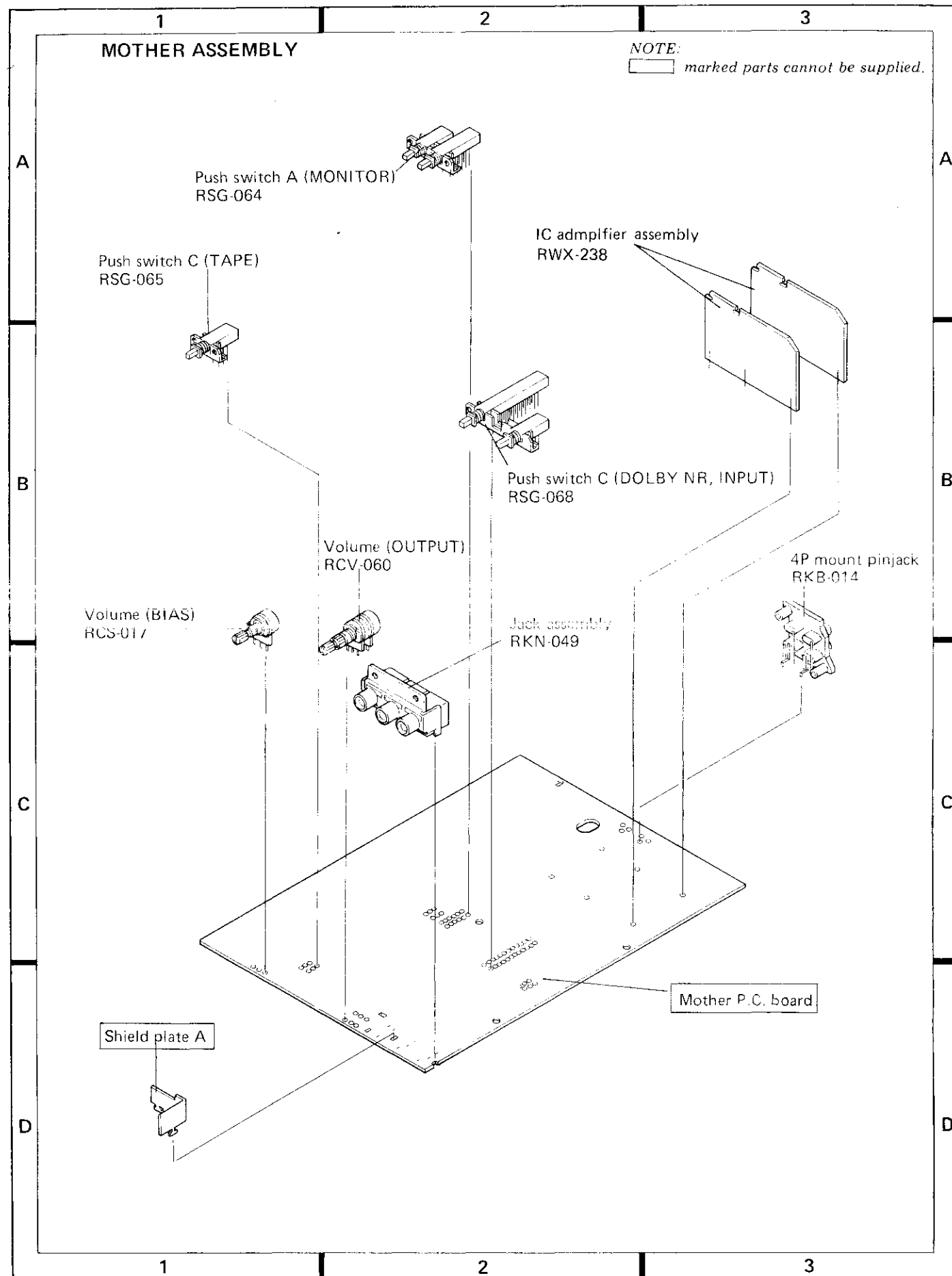




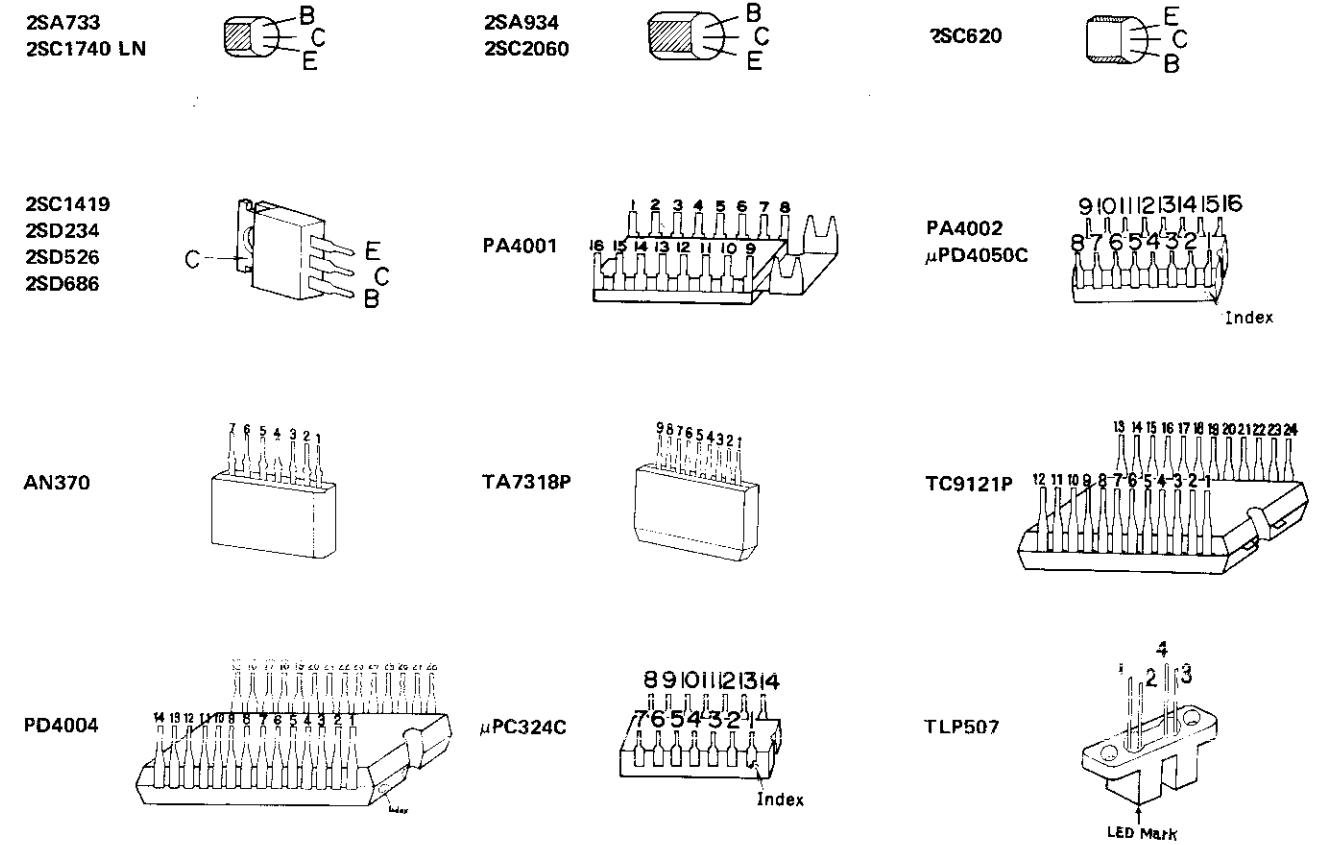




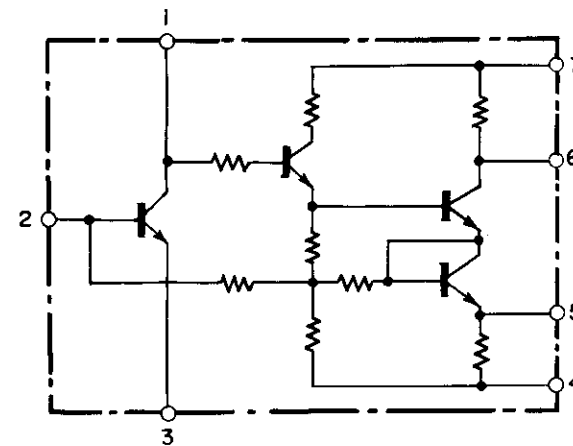




Appearance of Transistors and ICs



Block diagram of AN370



Block diagram of  $\mu$ PC324C

