

CASSETTE TAPE DECK

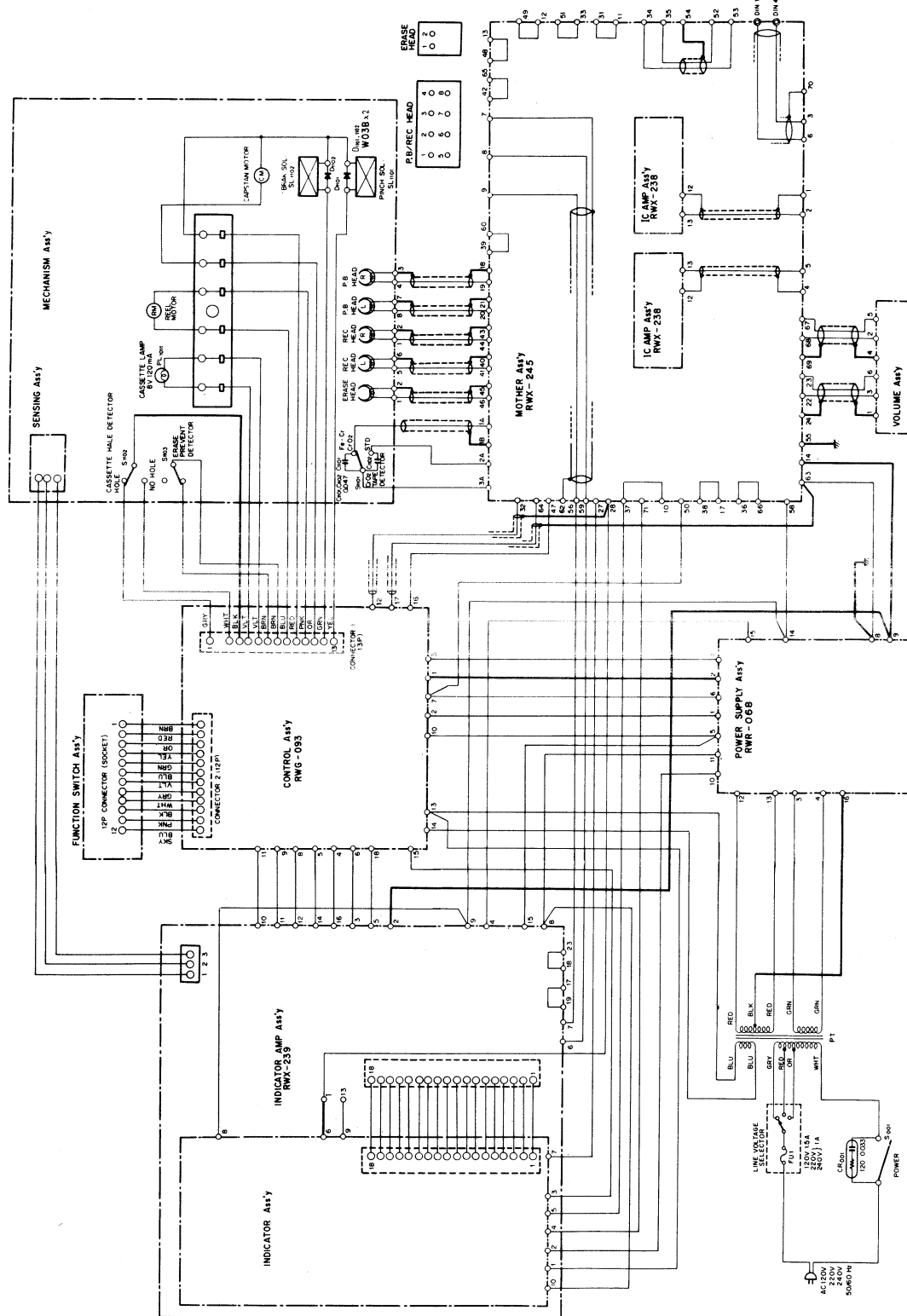
CT-F900

SERVICE MANUAL



 **PIONEER®**

CONNECTION DIAGRAM OF CT-F900



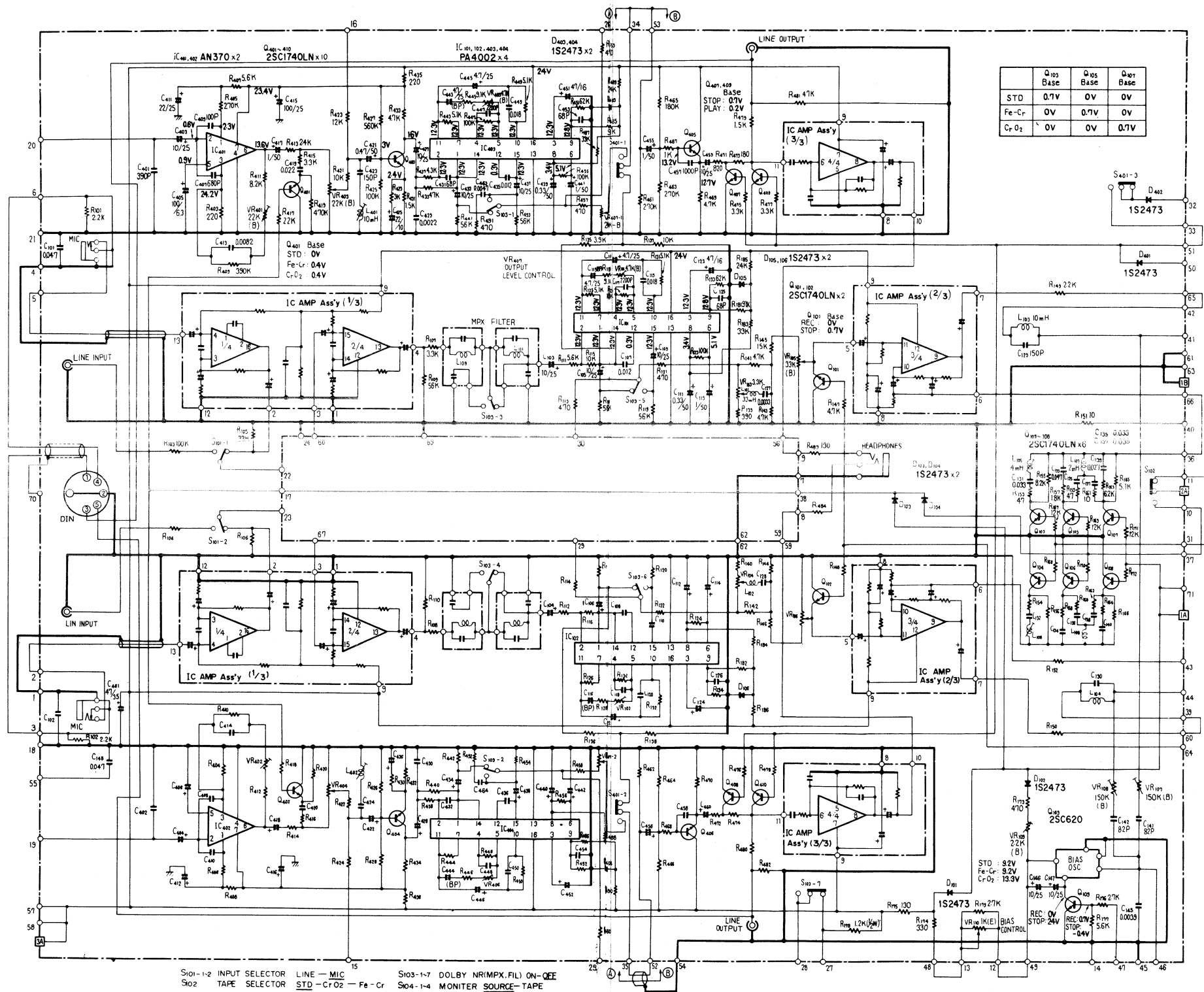
SWITCHES		
S501	POWER	ON - OFF
S101	INPUT SELECTOR	LINE - <u>MCG/DC</u>
S102	TAPE SELECTOR	STD - <u>GrOz/Fa/G</u>
S103	DOLBY NR (MPX)	LINE - ON - OFF
S401	MONITOR	SOURCE - TAPE
S801-1-3	METER SELECTOR	PEAK - PEAK HOLD - AVERAGE
S801-4-6	TIMER START	PLAY - REC - OFF
S802-1-5	MEMORY & REPEAT	STOP - PLAY - COUNTER - END - OFF
S901	COUNTER RESET	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	GrOz TAPE DETECTOR	GrOz - Fe/Gr/STD
S102	CASSETTE HALF DETECTOR	ON - OFF
S103	ERASE PREVENT DETECTOR	NO HOLE - <u>HOLE</u>

The underlined indicates the switch position

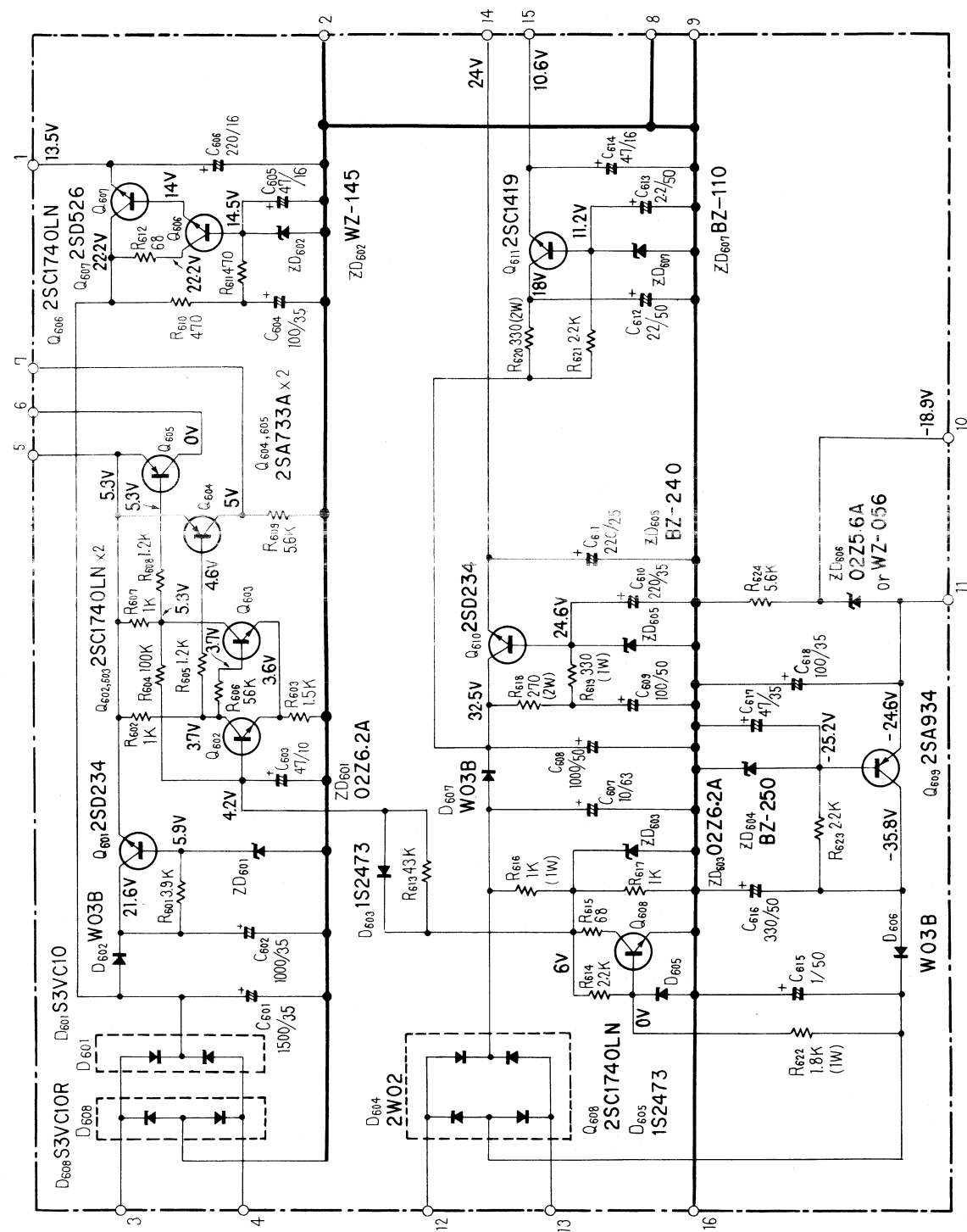
RESISTORS:
IN OHM 1/4W $\pm 5\%$ TOLERANCE UNLESS OTHERWISE NOTED K; k Ω M; M Ω
CAPACITORS:
IN μ F UNLESS OTHERWISE NOTED p: pF

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

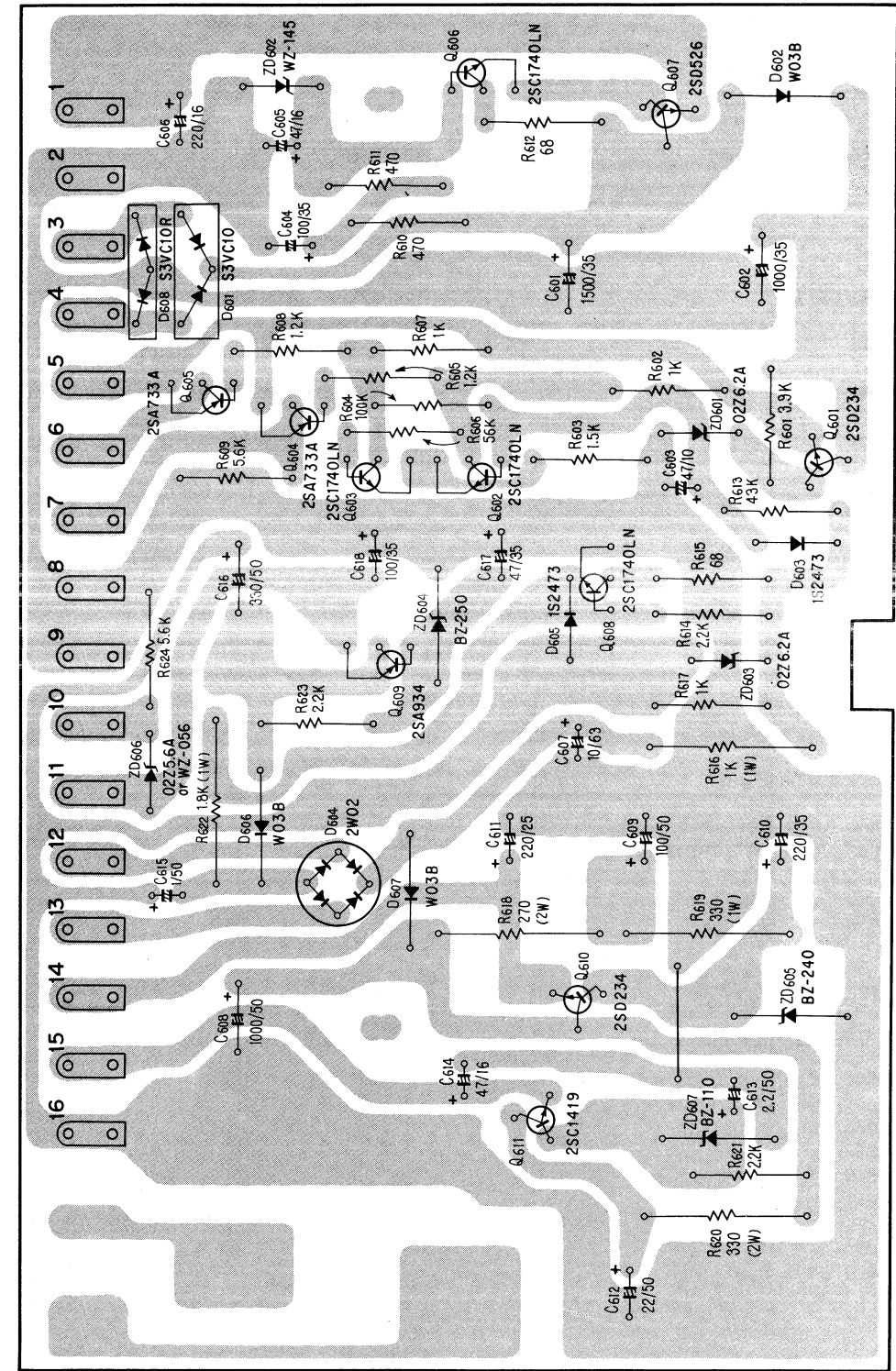
MOTHER ASSEMBLY(RWX-245) OF CT-F900



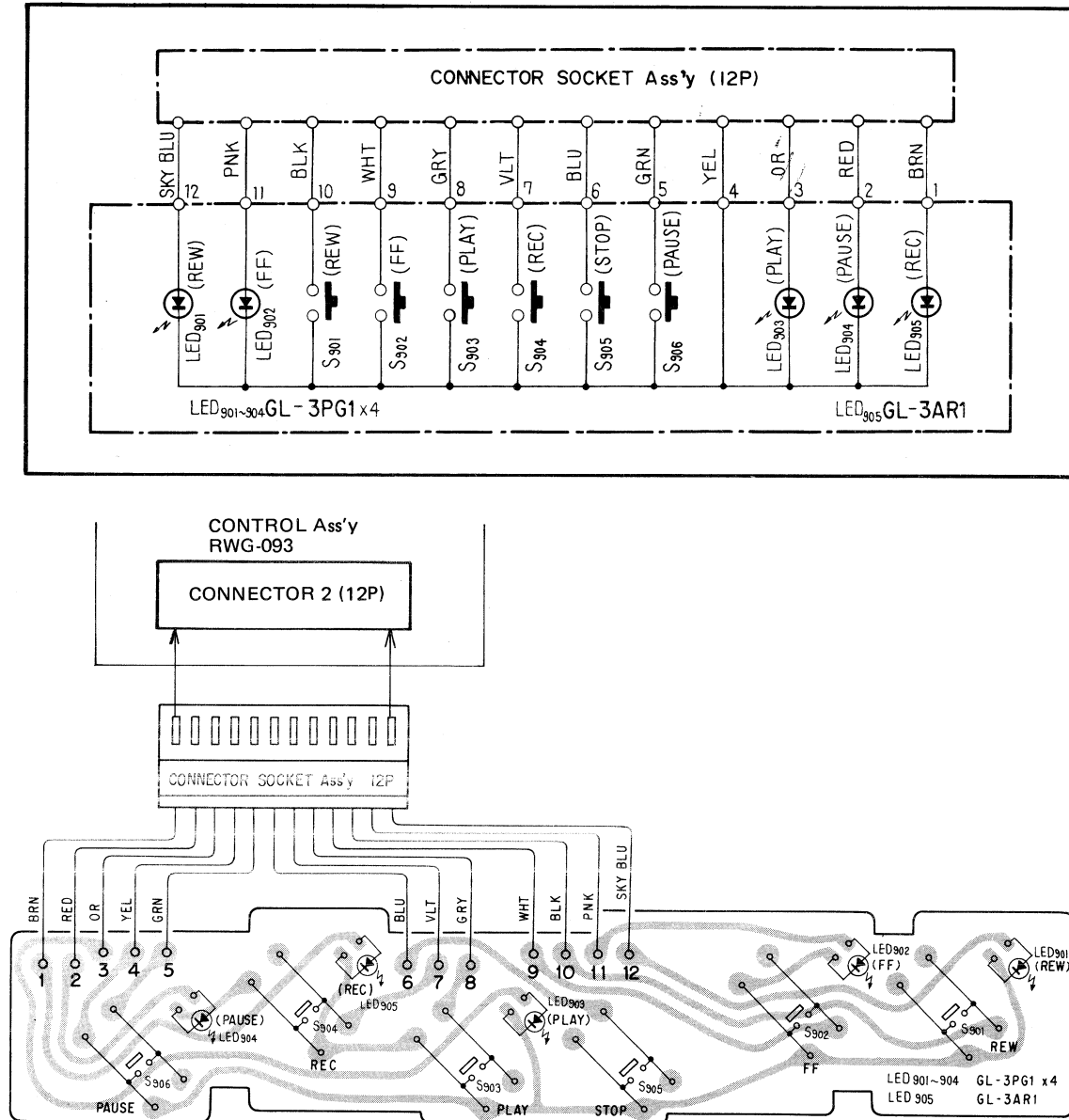
POWER SUPPLY ASSEMBLY(RWR-068) OF CT-F900



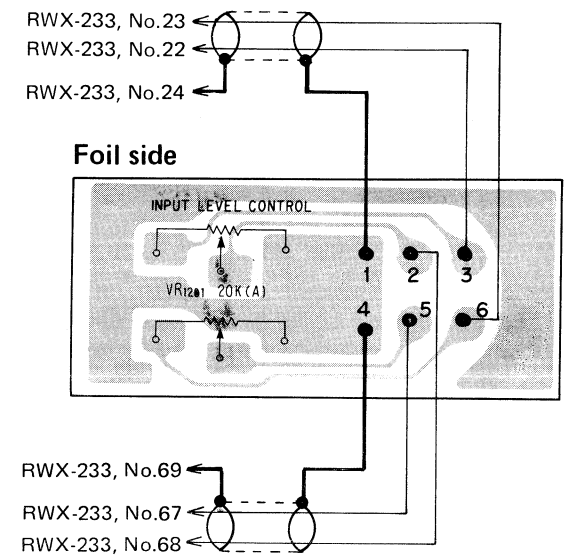
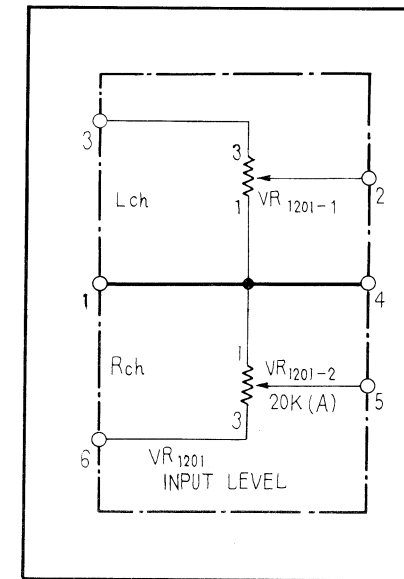
Foil side



FUNCTION SWITCH ASSEMBLY



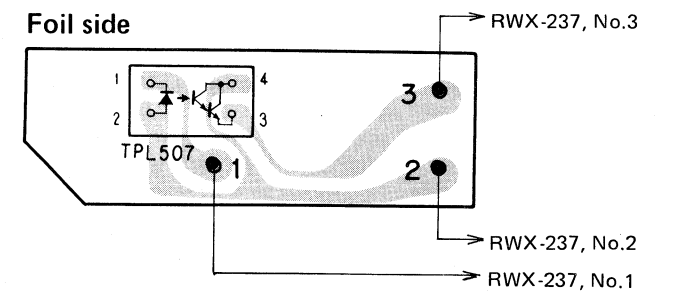
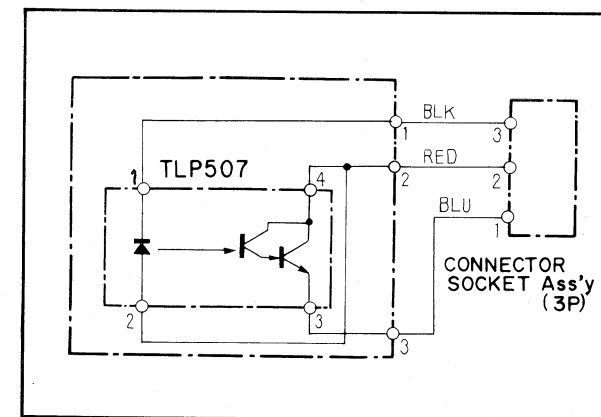
VOLUME ASSEMBLY



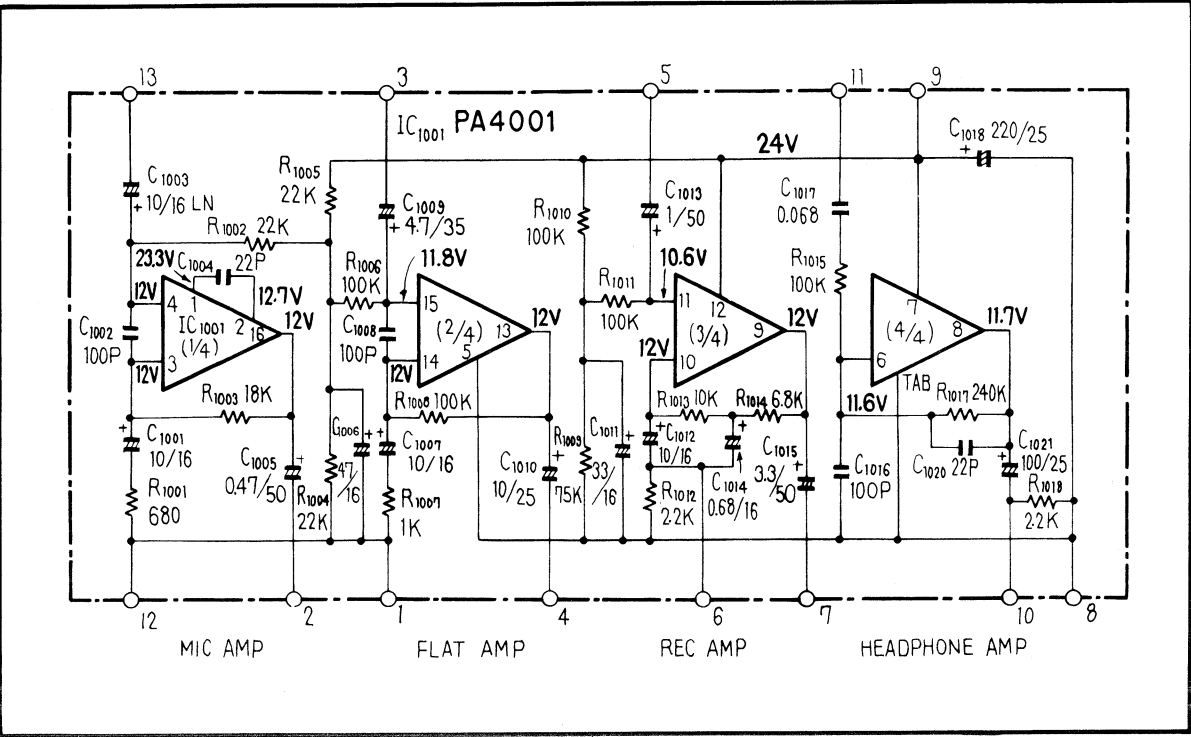
Parts List

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

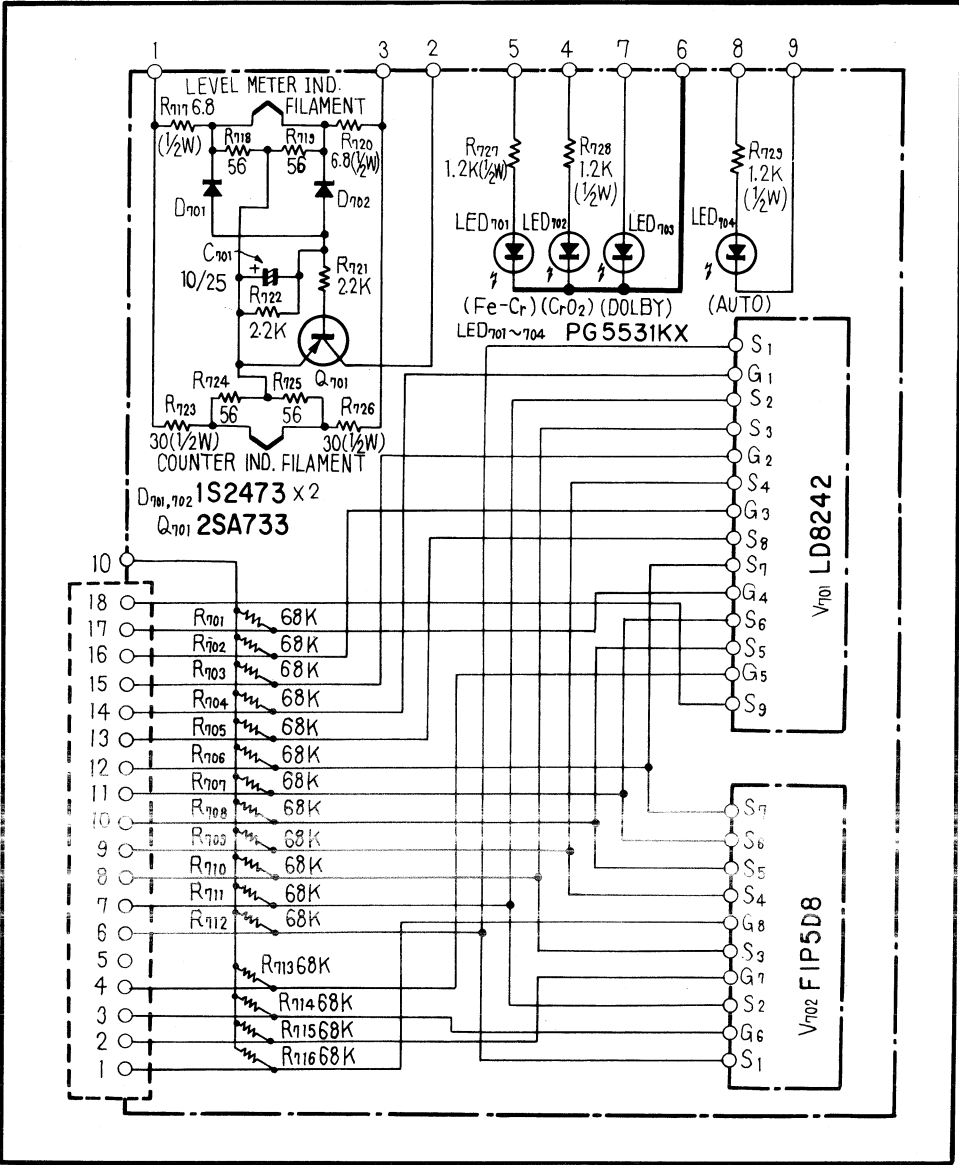
SENSING ASSEMBLY



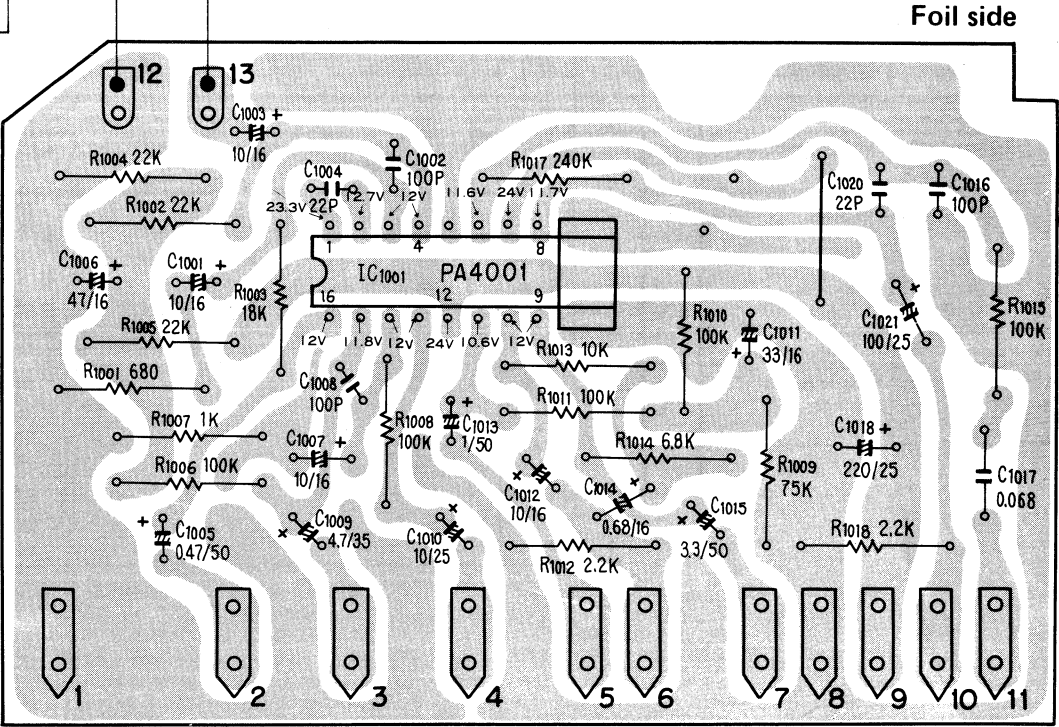
Integrated Amplifier Assembly (RWX-238)

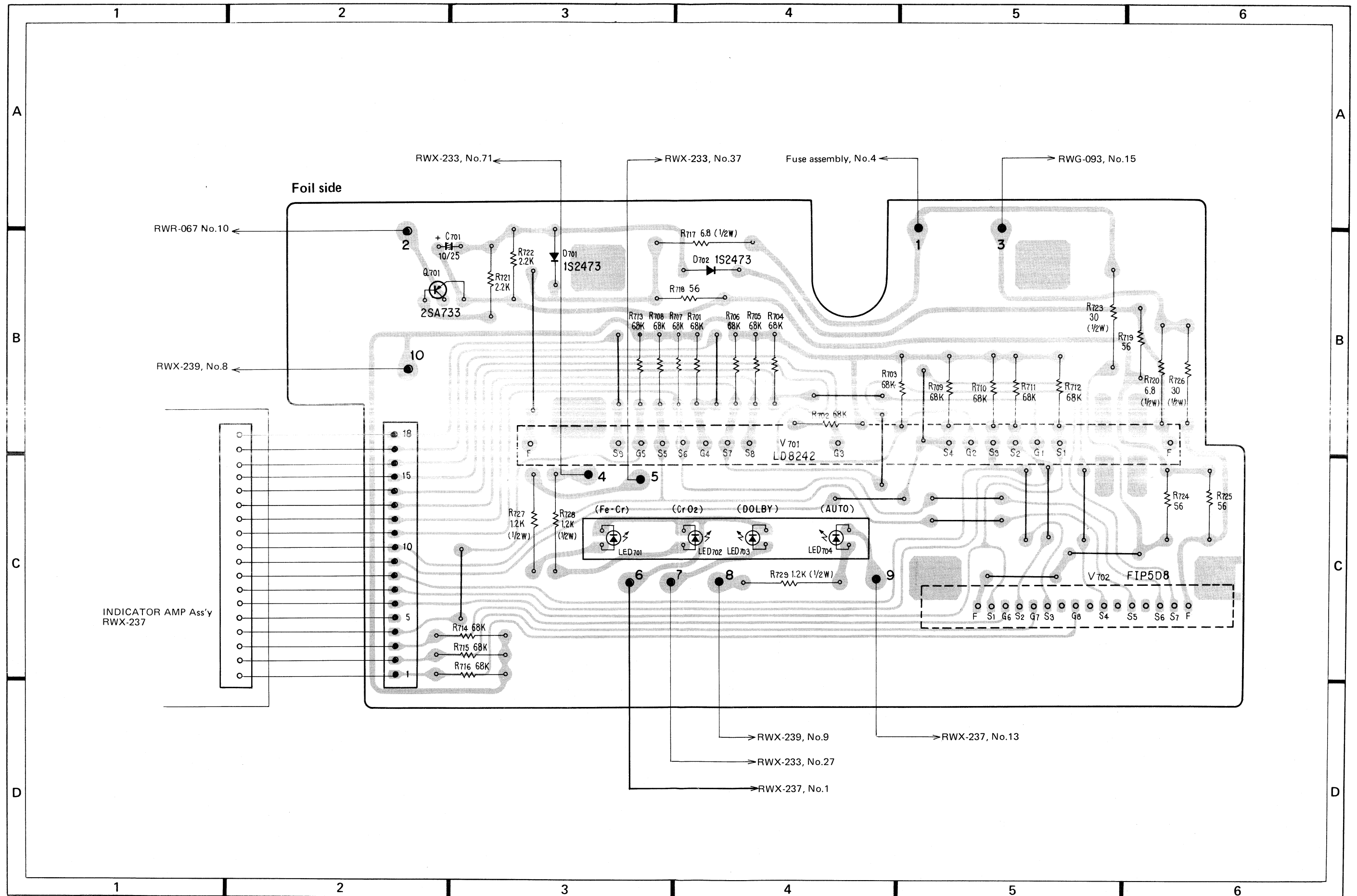


INDICATOR ASSEMBLY

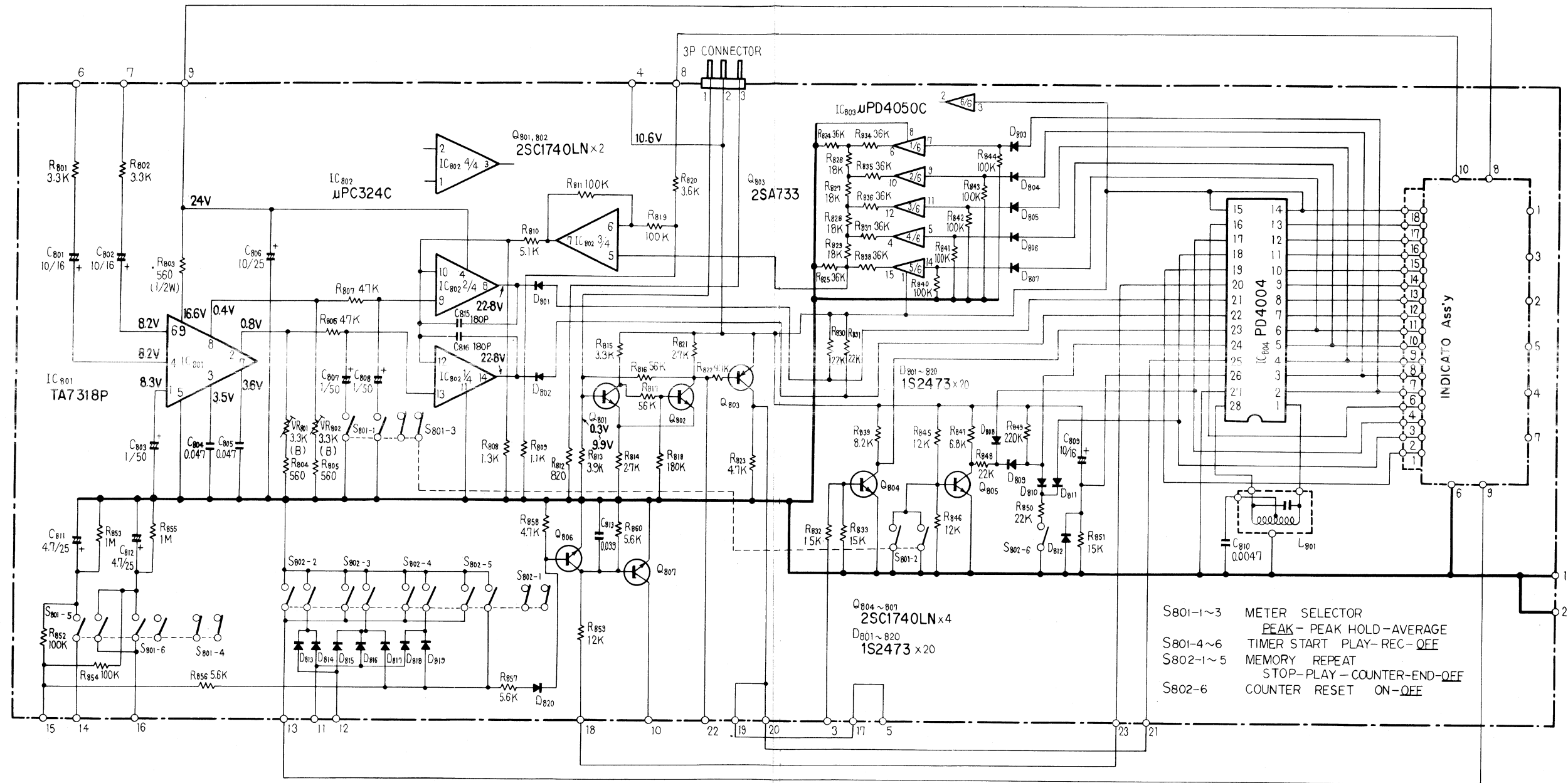


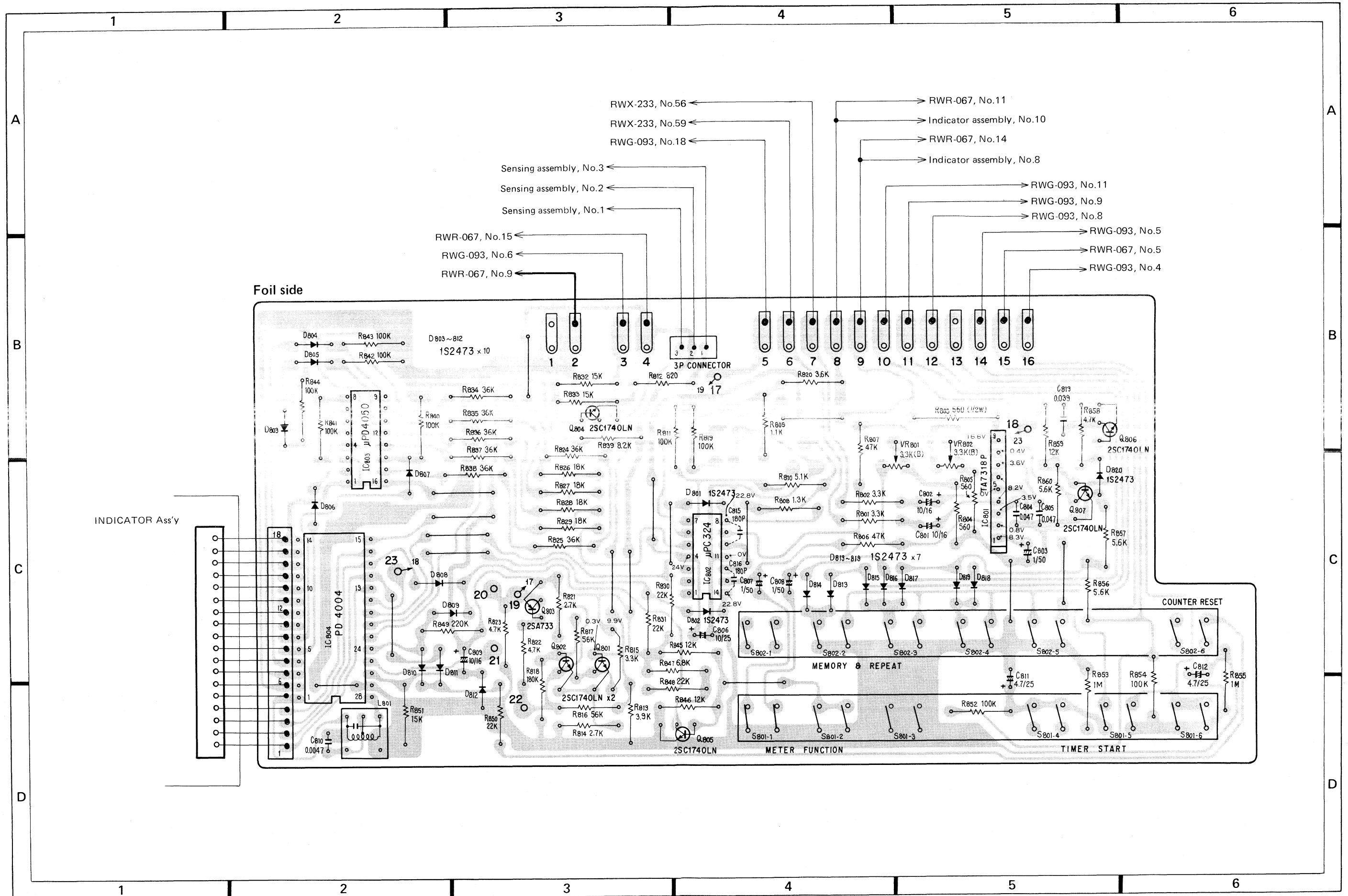
RWX-233, No.5
(RWX-233, No.2)
RWX-233, No.4
(RWX-233, No.1)

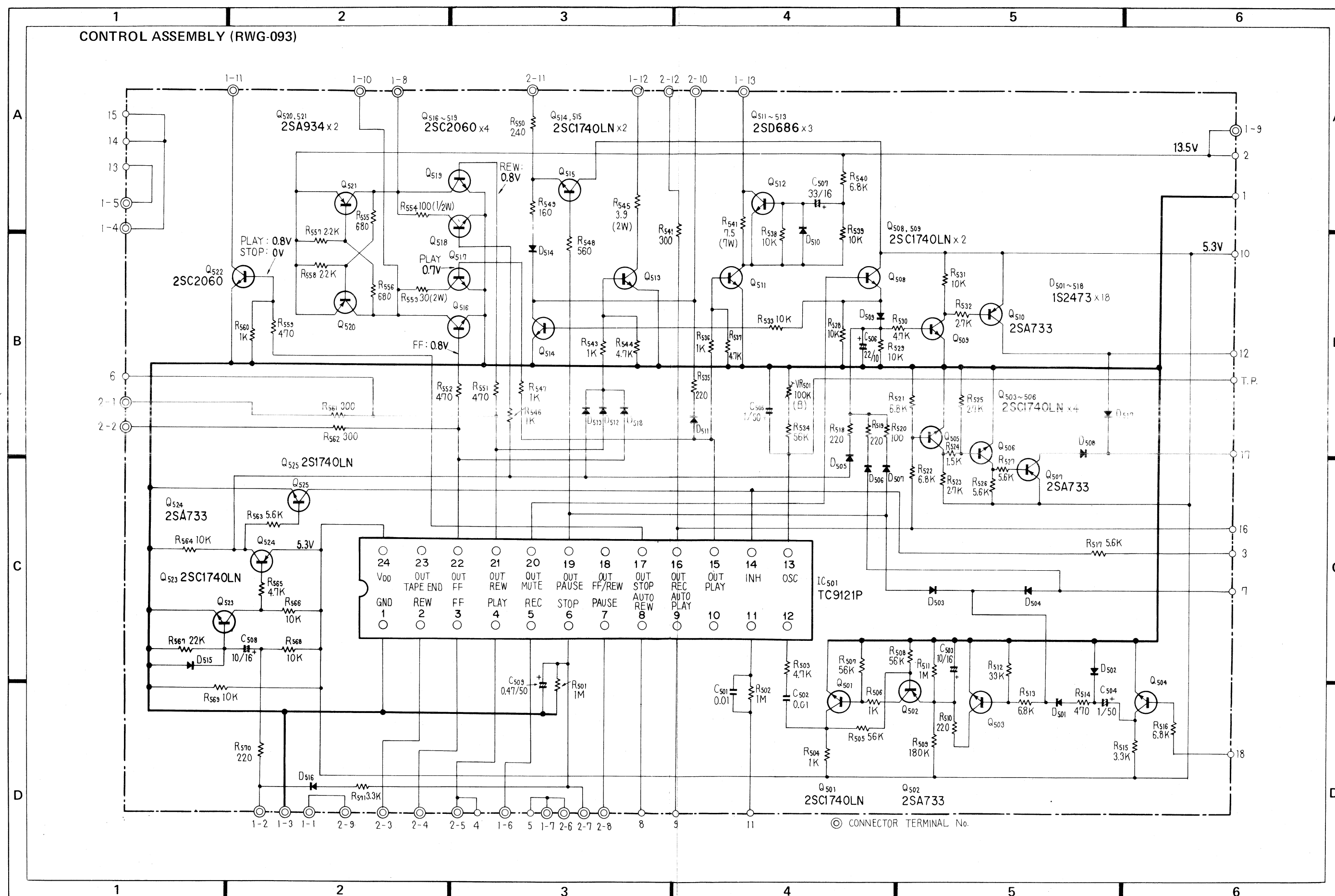


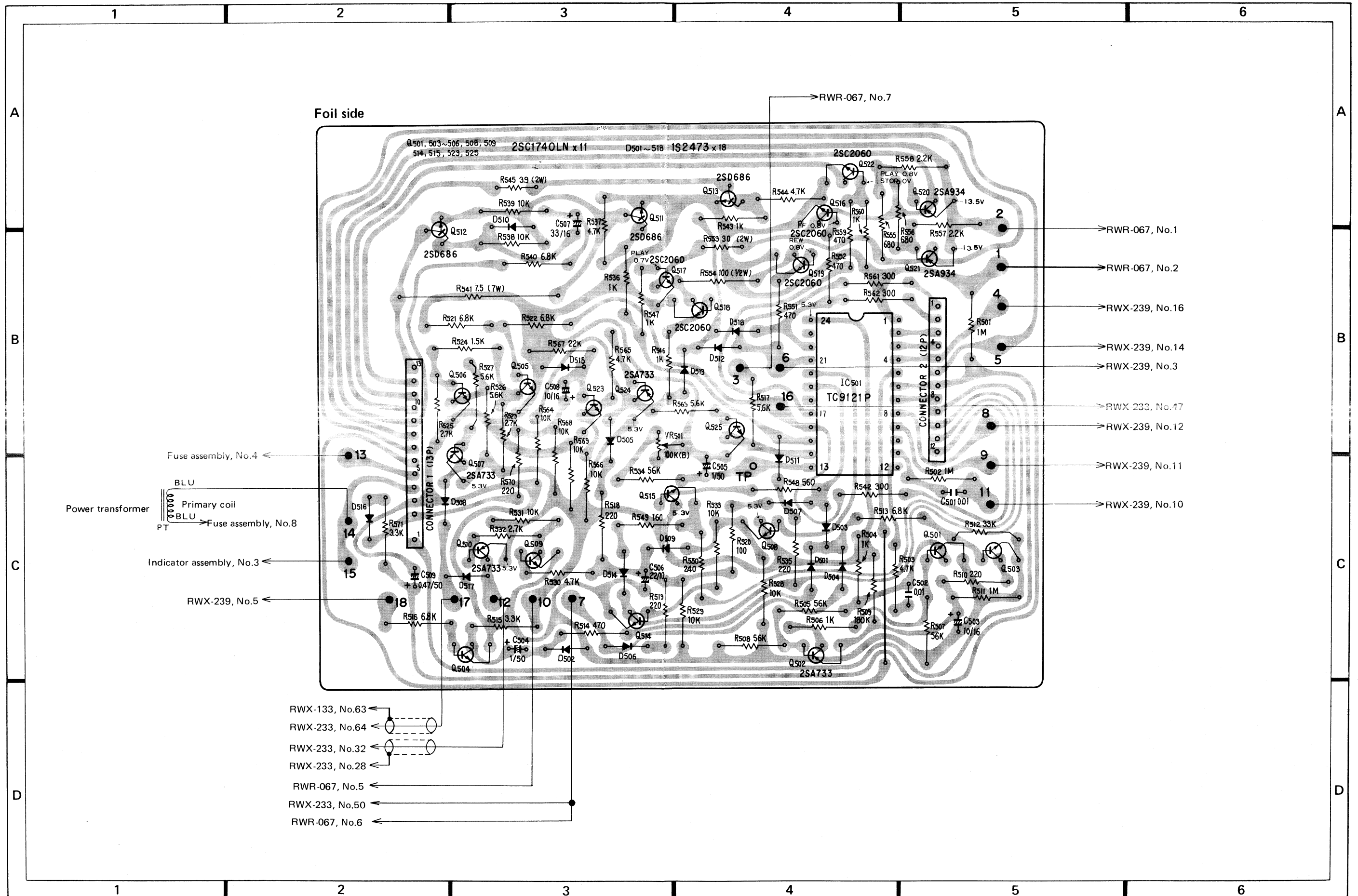


INDICATOR AMPLIFIER ASSEMBLY (RWX-239)







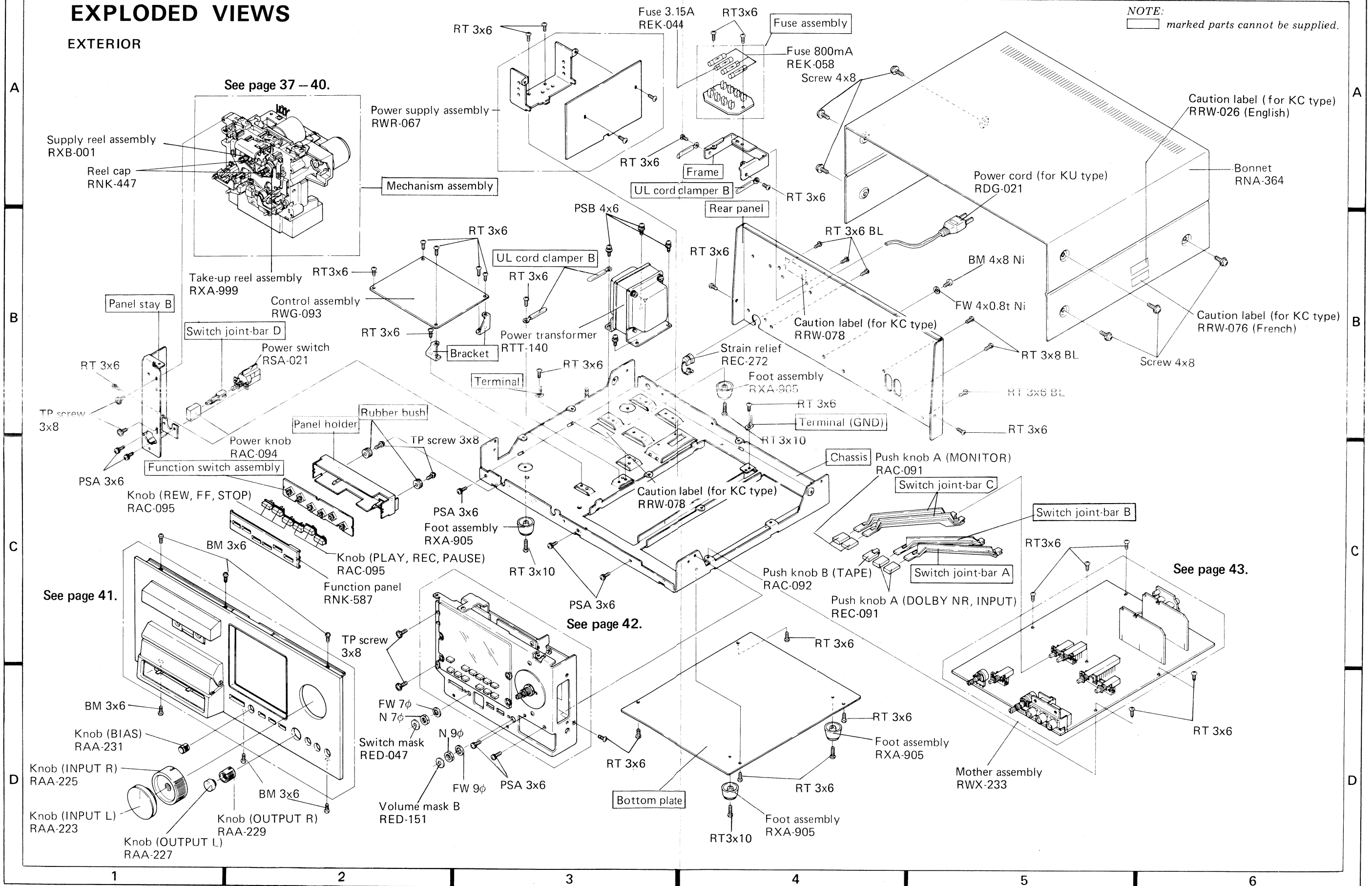


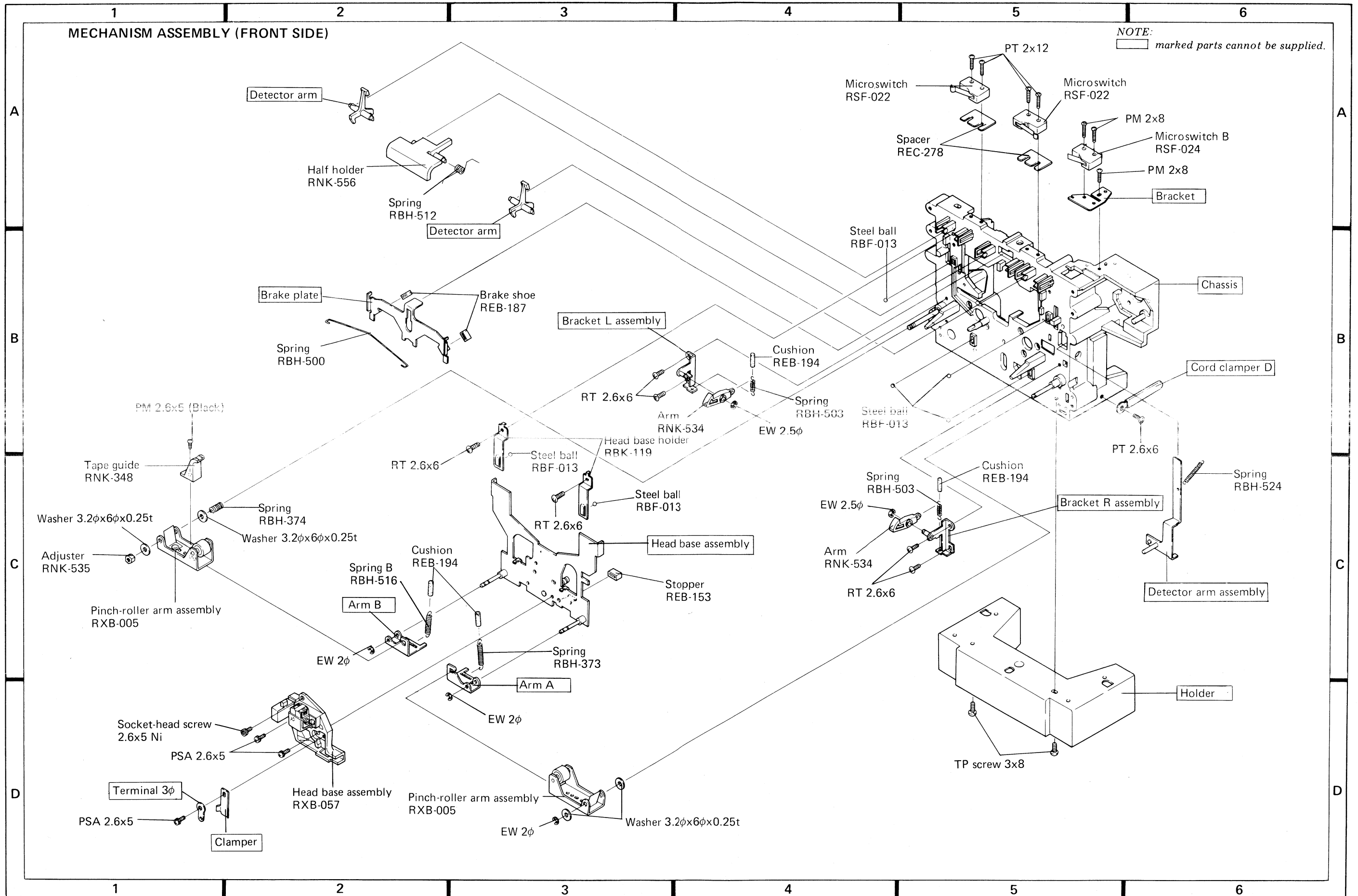
EXPLODED VIEWS

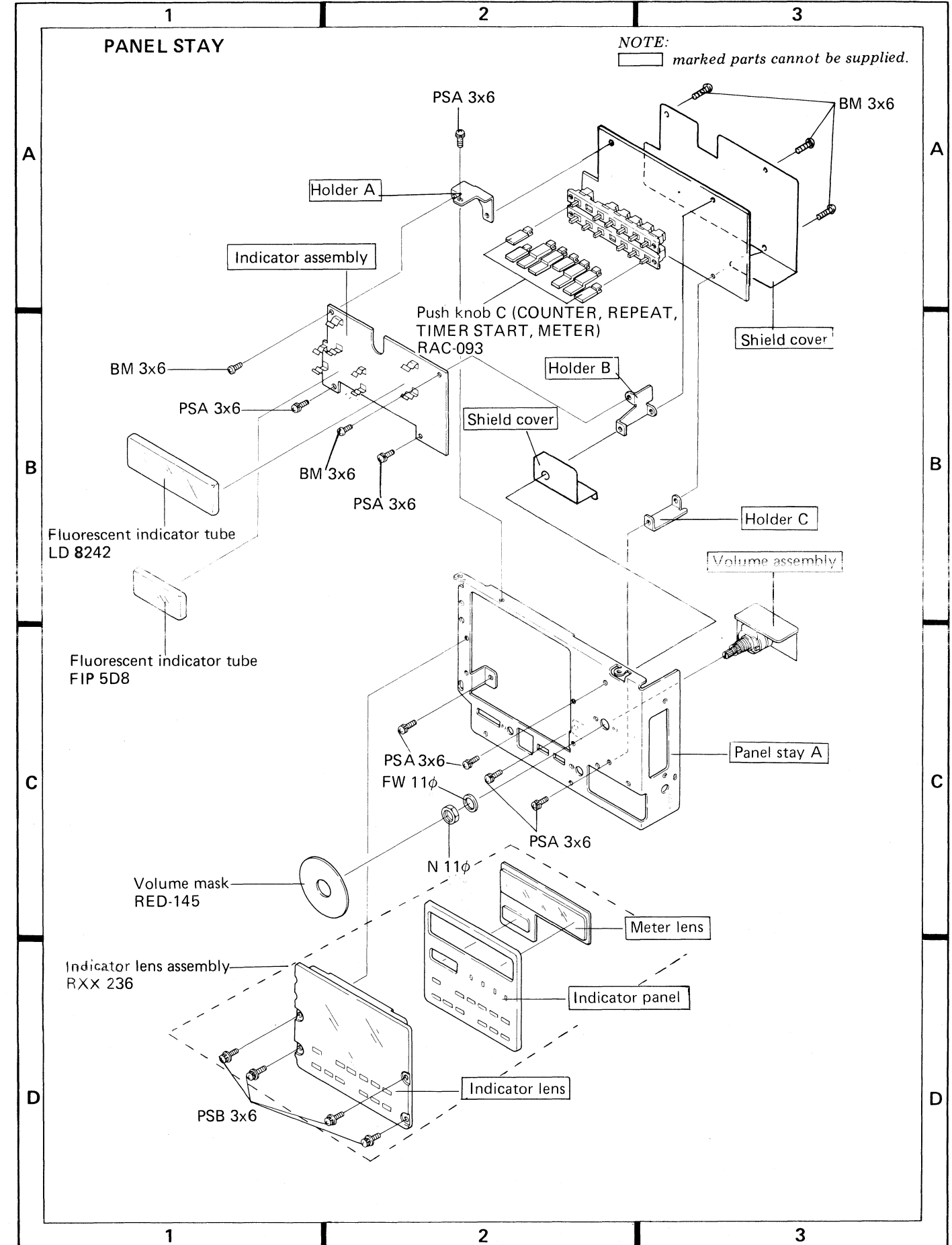
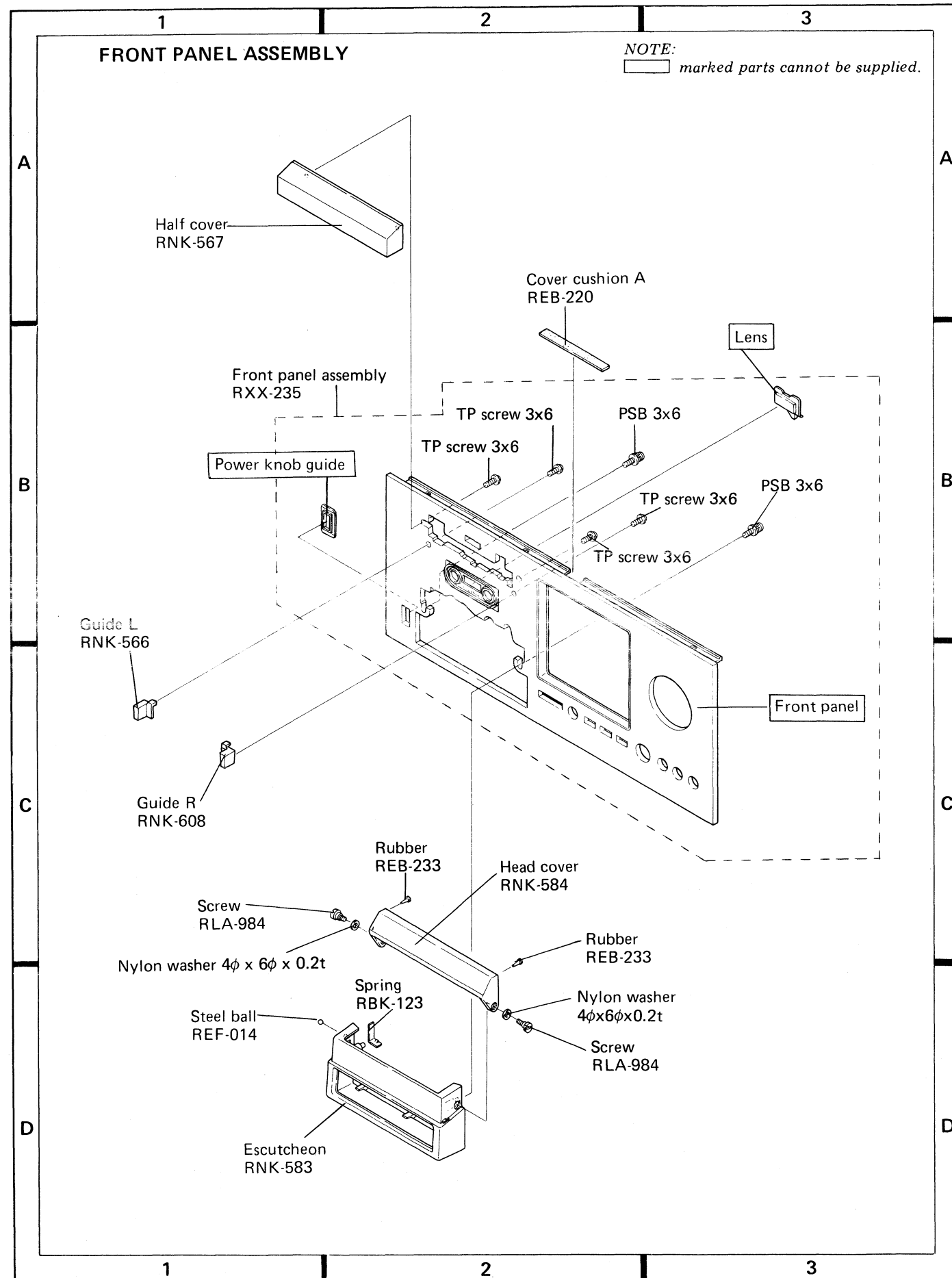
EXTERIOR

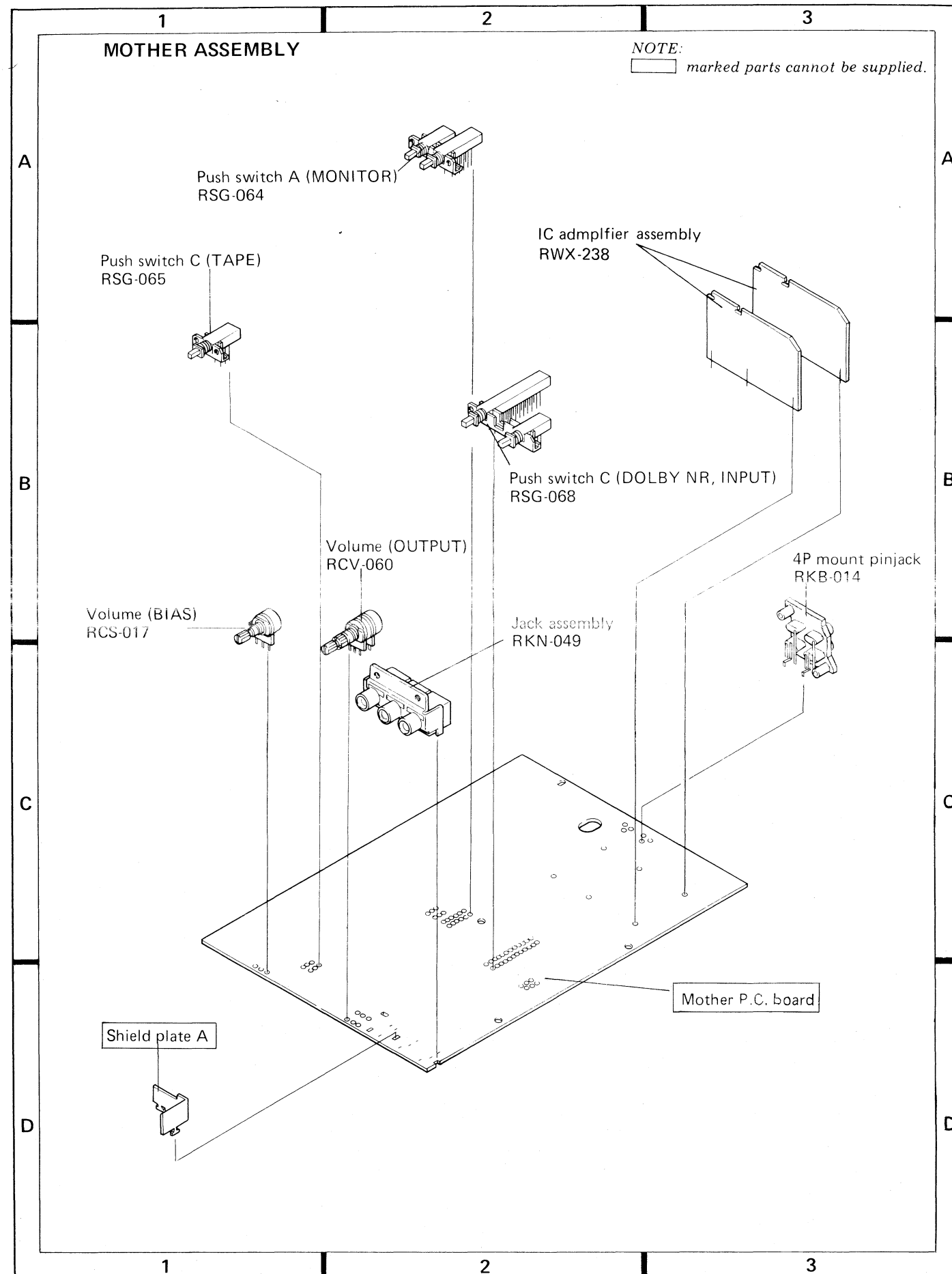
See page 37 – 40.

NOTE:
☐ marked parts cannot be supplied.



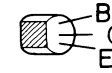




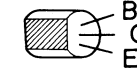


Appearance of Transistors and ICs

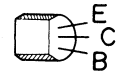
2SA733
2SC1740 LN



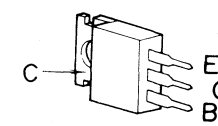
2SA934
2SC2060



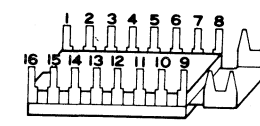
2SC620



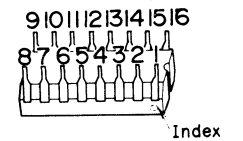
2SC1419
2SD234
2SD526
2SD686



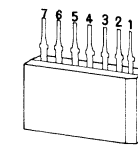
PA4001



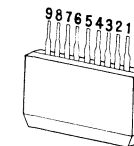
PA4002
 μ PD4050C



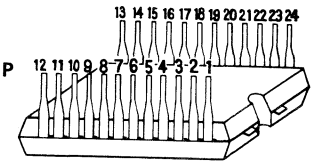
AN370



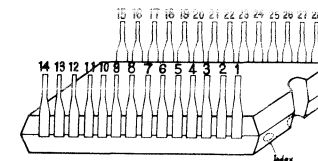
TA7318P



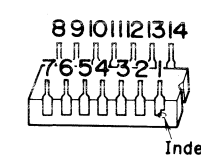
TC9121P



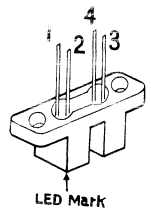
PD4004



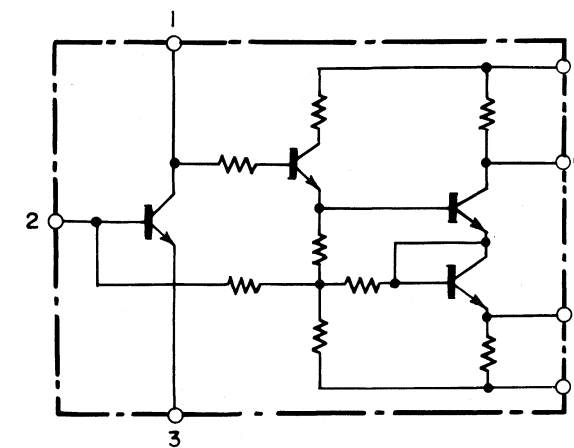
μ PC324C



TLP507



Block diagram of AN370



Block diagram of μ PC324C

