

TC-WR690/WR790

SONY® SERVICE MANUAL

*US Model
Canadian Model
AEP Model
UK Model*

TC-WR690/WR790

SUPPLEMENT-1

File this supplement with the Service Manual.

E Model

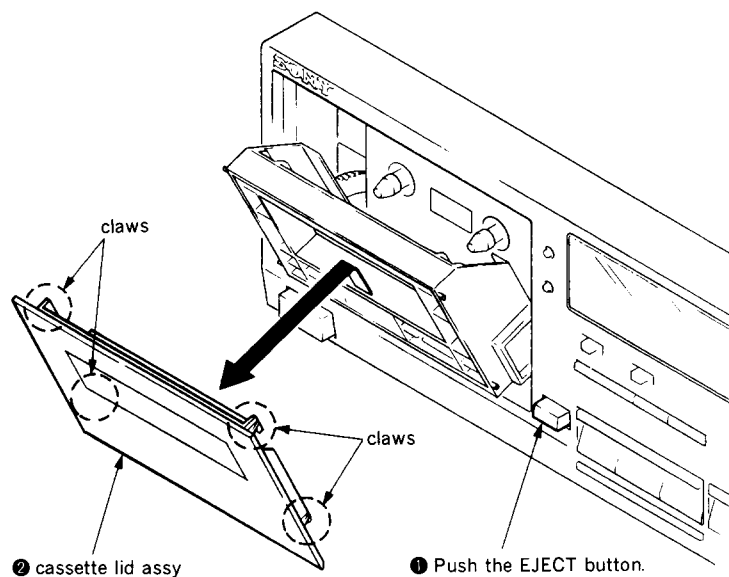
TC-WR690

- This supplement updates the TC-WR690 service manual to including production changes.
- The next page as fallow change from those in TC-WR690 service manual.

DISASSEMBLY

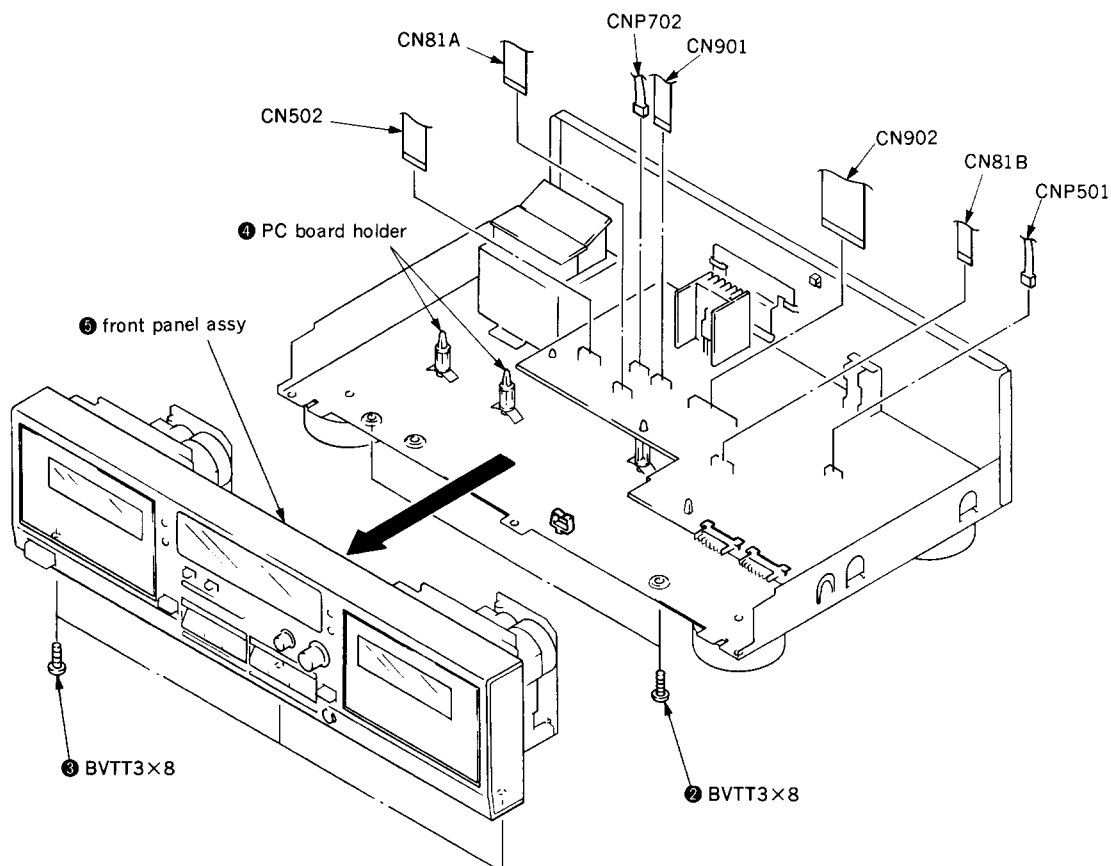
Note : Follow the disassembly procedure in the numerical order given.

2-1. CASSETTE LID ASSY



2-2. FRONT PANEL ASSY

① Remove the connectors.



ELECTRICAL ADJUSTMENT

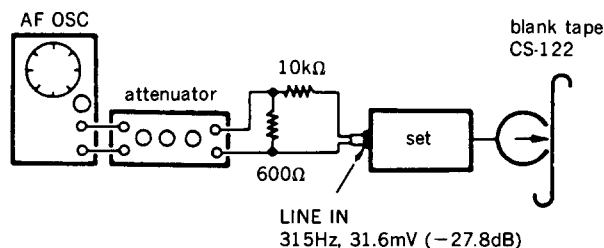
Record Level Adjustment DECK A DECK B

Setting :

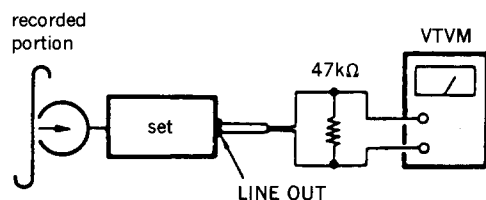
REC LEVEL control : standard record position (Refer to page 8.)

Procedure :

1. Record Mode



2. Playback Mode



(deck A)

3. Playback the signal recorded in step 1, and confirm that the playback output level is VTVM reading becomes within adjustment limits below.
4. If the adjustment limits are not satisfied, adjust each RV102 (L-CH) and RV202 (R-CH) so that the VTVM reading becomes within adjustment limits below.

(deck B)

5. Similarly, playback the signal recorded in step 1, and confirm that the playback output level is VTVM reading becomes within adjustment limits below.
6. If the adjustment limits are not satisfied, adjust each RV101 (L-CH) and RV201 (R-CH) so that the VTVM reading becomes within adjustment limits below.

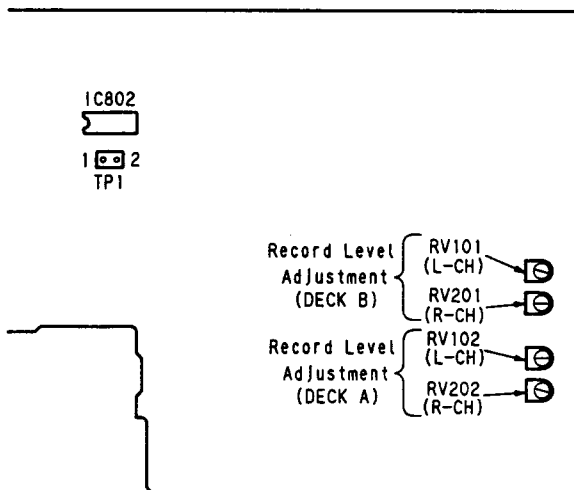
Adjustment Limits :

315Hz playback output level : $-27.7 \pm 0.5\text{dB}$ (30.2 to 33.8mV)

Adjustment Location : System control board

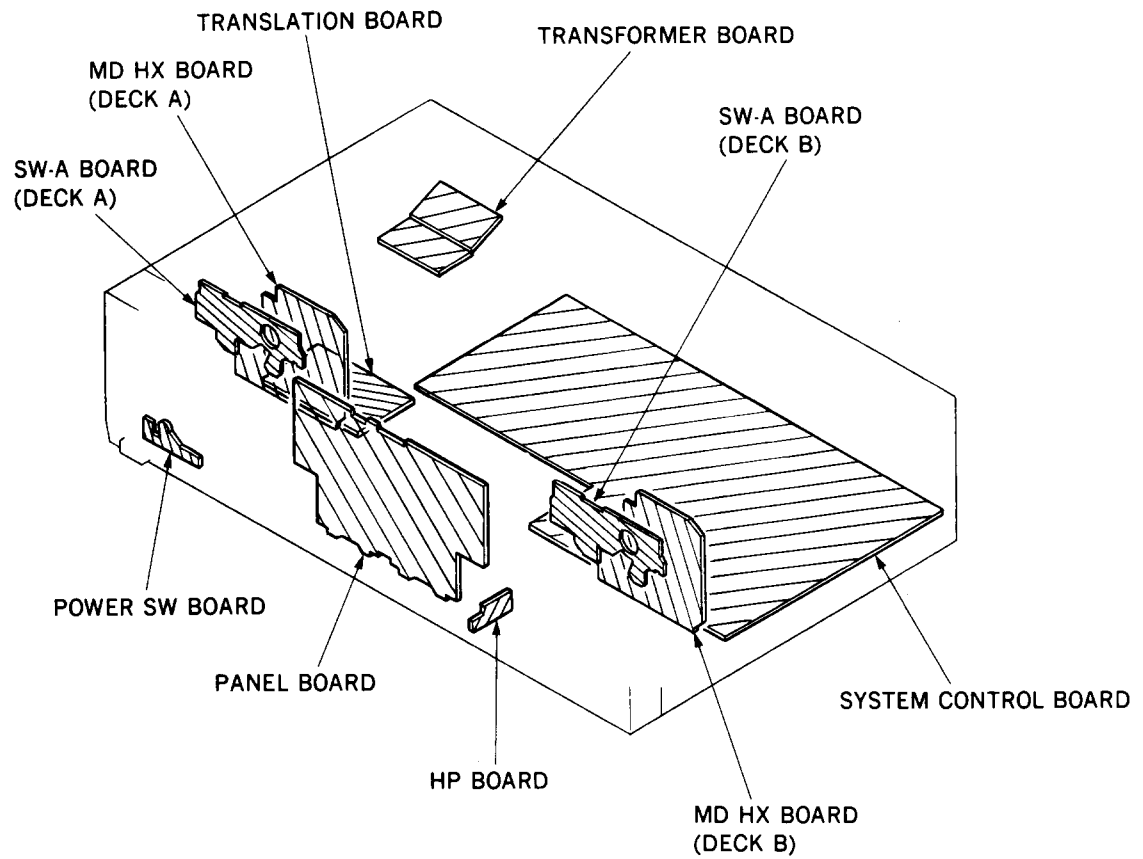
Adjustment Location :

[SYSTEM CONTROL BOARD]
(COMPONENT SIDE)



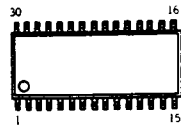
DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION



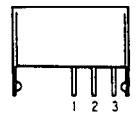
5-2. SEMICONDUCTOR LEAD LAYOUTS

CXA1331M



TOP VIEW

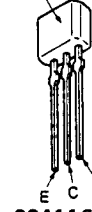
SBX1610-59



1 Vout
2 Vcc
3 GND

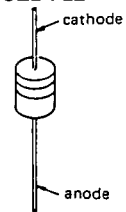
**DTC144ES
DTC144WS**

letter side

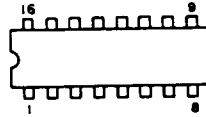


2SA1162

**HZS6A1L
UZL-7H1
UZL-7L2**

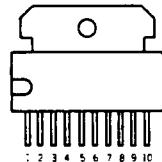


**CXA1578P
MC14052BCP**

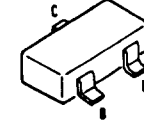


(TOP VIEW)

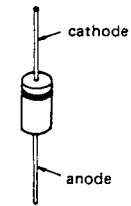
TA7272P



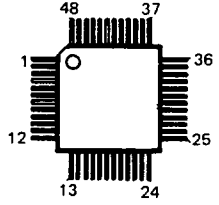
MARKING SIDE VIEW



**IN4148M
10E2N**

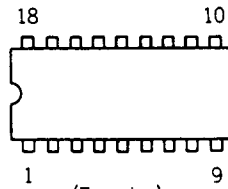


CXA1599Q



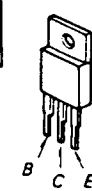
(TOP VIEW)

μPC1297CA

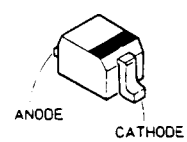


(Top view)

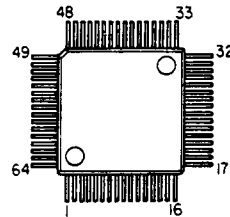
**2SB1094-LK
2SD1406-YGR
2SD2012**



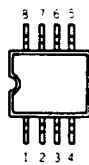
1SS352



LC866012A-5193

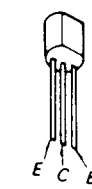


μPC4570G2

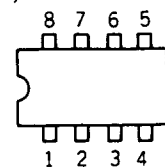


(TOP VIEW)

**2SB1116A-L
2SD1387-3**



**M5218AP
μPC4558C**

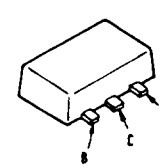


(Top view)

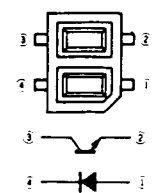
**DTA114ES
DTA144ES
DTC114ES
DTC143TS
2SA1317-STU
2SC2603-EF**



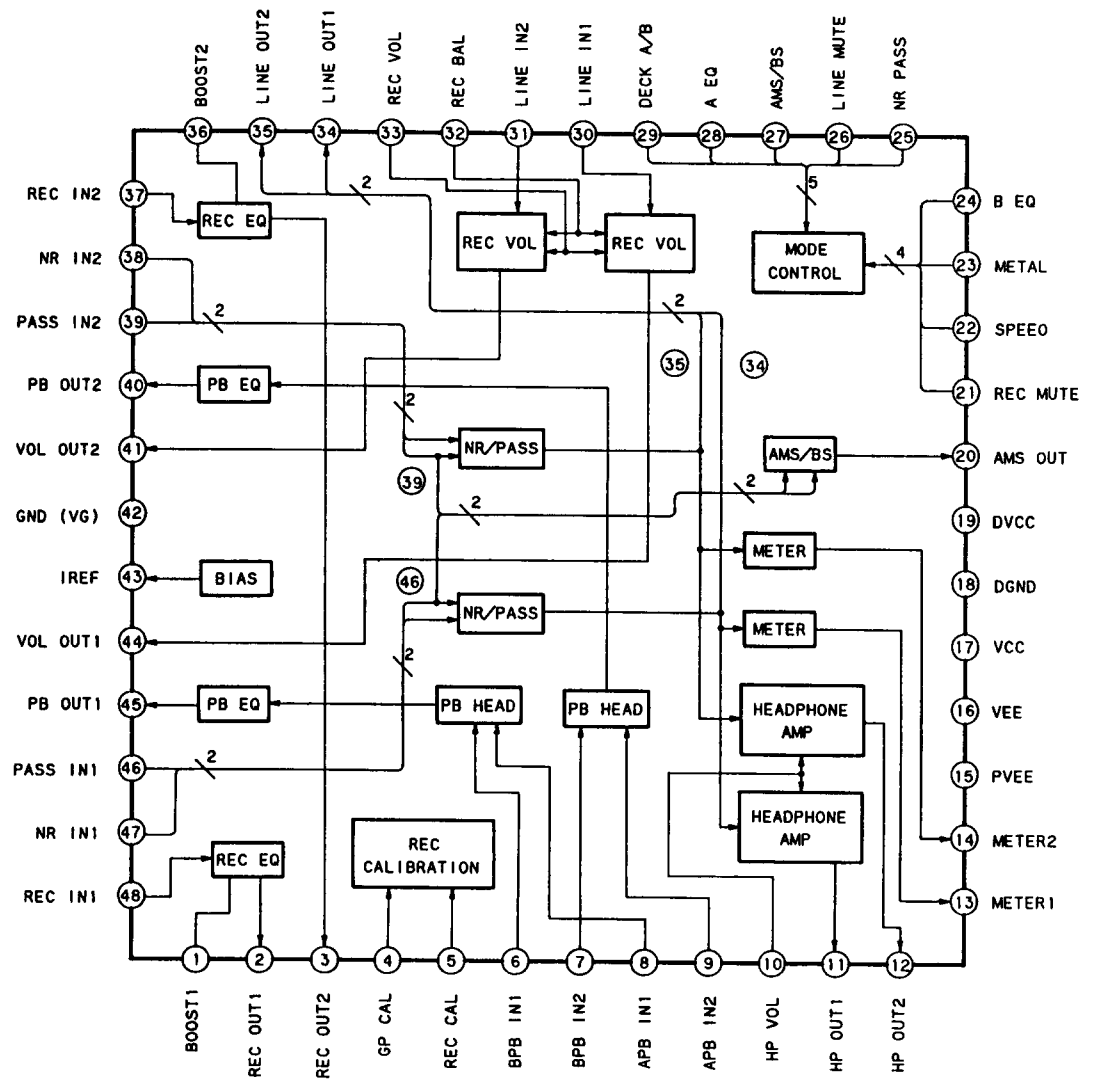
2SD1622-S



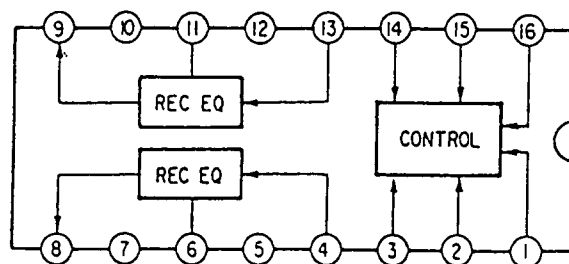
NJL5165K-B



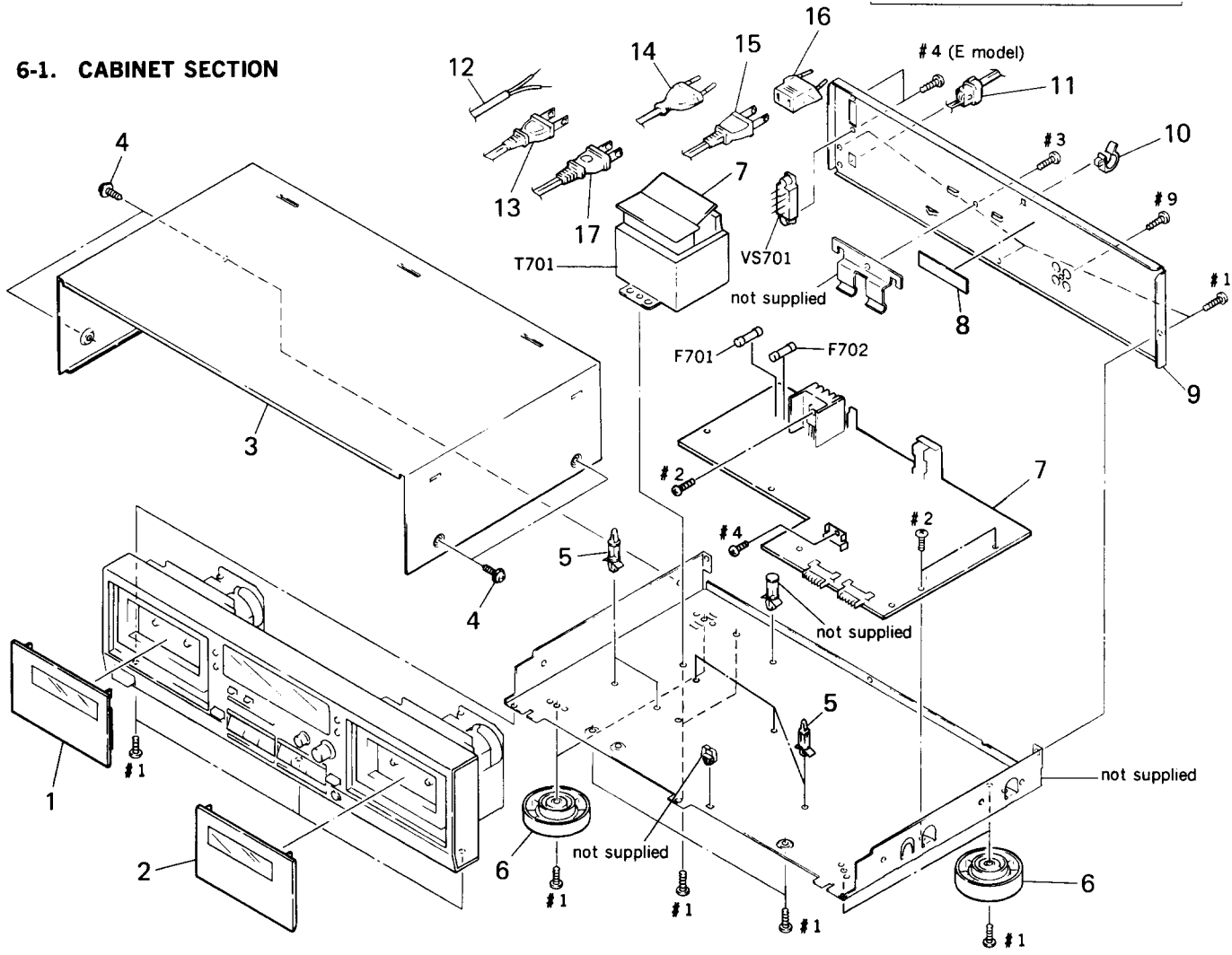
• IC Block Diagrams
IC502 CXA1599Q



IC503 CXA1578P



6-1. CABINET SECTION



6-2. FRONT PANEL SECTION

