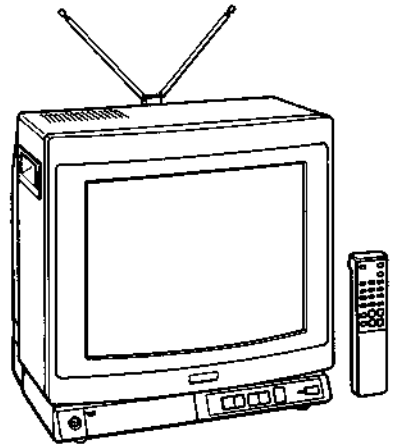
KV-1326R
RM-717

SERVICE MANUAL

Canadian Model

Chassis No. SCC-552Y-A



P3 CHASSIS

Note: The service manual for RM-717 has been issued separately.

SPECIFICATIONS

Television system
Canadian TV standards
Channel coverage
VHF channels 2-13
UHF channels 14-69
Cable TV channels 1-125
Picture tube Trinitron tube
13-inch picture measured diagonally
14-inch picture tube measured diagonally
90-degree deflection
Power requirements
120 V AC, 60 Hz
Power consumption
97 W
Accessories supplied
VHF/UHF telescopic dipole antenna (1)
Antenna connector (1)
Remote Commander RM-717 with 2 size AA batteries (1)
Optional accessory
U/V mixer EAC-66

Design and specifications subject to change without notice.

MICROFILM

TRINITRON® COLOR TV

SONY®

CTV

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WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION!!

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE.
LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

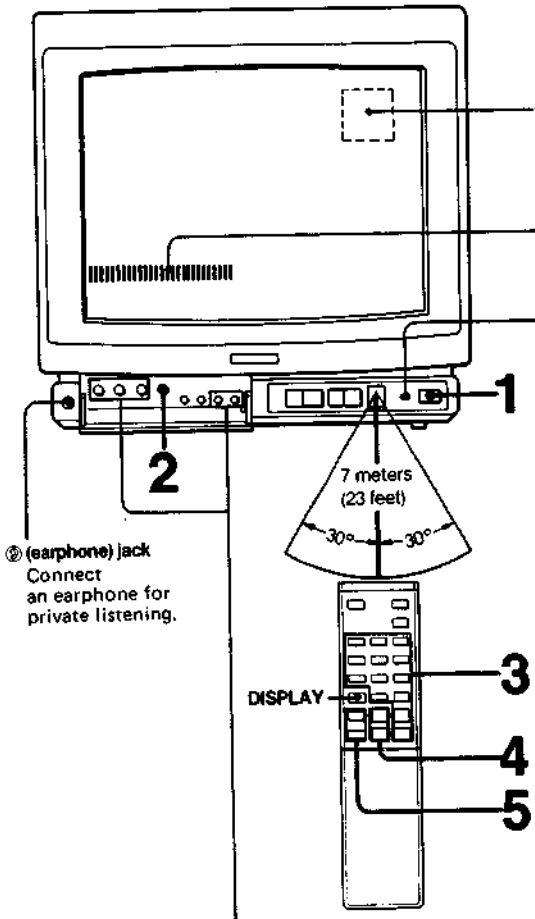
ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÈS PAR UNE TRAME ET PAR UNE MARQUE ⚠ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

SECTION 1
GENERAL

1-1. TV OPERATION

Usually the Remote Commander is all that is needed to operate the TV unit in everyday use.



1 POWER

Press **POWER** on the TV.
The **SLEEP** lamp (red) will light up for several seconds.

To turn off the TV completely, press it again.
Once the unit is turned on with **POWER** on the TV, you can turn it on and off with **POWER** on the Remote Commander.

2 ON OFF CABLE

To view CATV programs, set **CABLE** to **ON.**
For VHF/UHF programs, set it to **OFF.**

3

Select the desired channel in one of the following two ways.
- Press the number(s) and then press **ENTER.**
- Press **CH "+"** for higher-numbered channels or **"–"** for lower-numbered channels.

The selected channel number will appear on the screen and remain for a few seconds.

To keep the channel display on the screen, press **DISPLAY.**
To cancel it, press again.

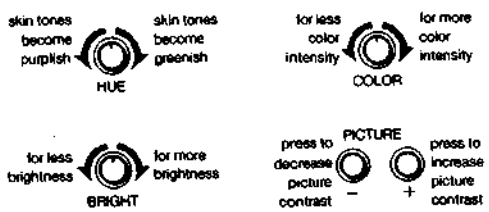
4 VOL + to increase / – to decrease

Press **VOL +/–** to adjust volume.

5 PICTURE + to increase / – to decrease

Adjust picture contrast to your preference, if necessary.

Picture adjustments
If any adjustment is necessary, adjust the appropriate control as described below.



- The CHANNEL and VOLUME buttons on the TV function the same as the CH and VOL buttons on the Remote Commander respectively.

Cable TV channel chart *

Cable TV systems use letters or numbers to designate channels. To tune in a channel, refer to this chart.

Number on this TV	1	5	6	14	15	16	17
Corresponding CATV channel	A-8	A-7	A-6	A	B	C	D

18	19	20	21	22	23	24	25	26	27	28	29	30
E	F	G	H	I	J	K	L	M	N	O	P	Q

31	32	33	34	35	36	37	38	39	.....	.....	93	94
R	S	T	U	V	W	W+1	W+2	W+3	.....	.....	W+57	W+58

95	96	97	98	99	100	101	102	.....	.....	123	124	125
A-5	A-4	A-3	A-2	A-1	W+59	W+60	W+61	.....	.....	W+82	W+83	W+84

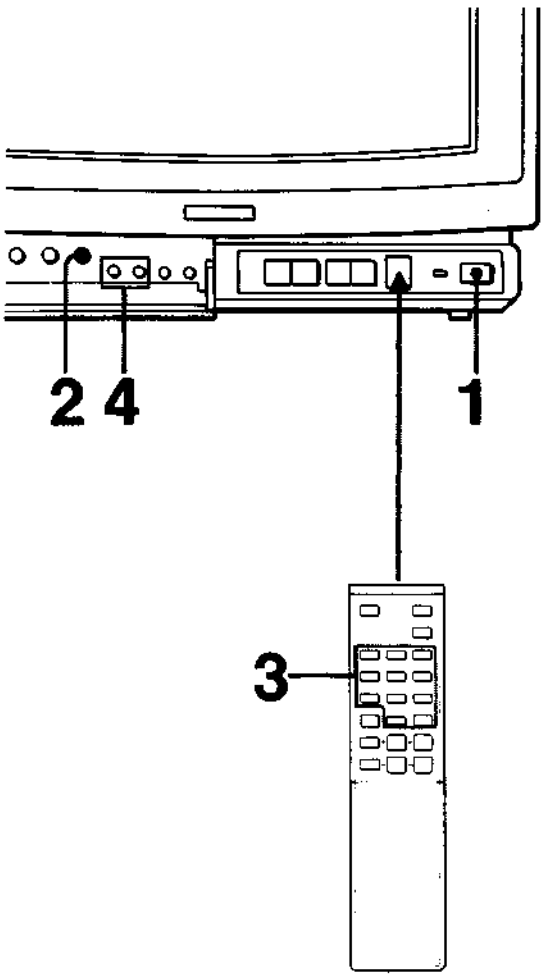
Check with your local cable TV company for more complete information on the available channels.

* The designation of the cable TV channels conforms to the EIA/NCTA recommendation.

1-2. CHANNEL PRESETTING

Receivable channels of your TV are:
VHF: 2–13 UHF: 14–69 CATV: 1–125

By adding and erasing channels, you can preset your TV so that only the desired channels appear in sequence when the CH " + " or "–" is pressed.



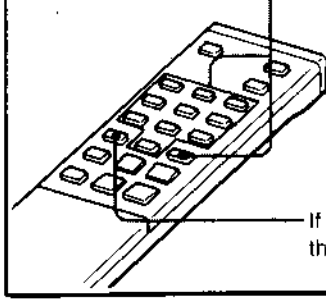
1

Press **POWER**.

2

Set **CABLE** properly according to the channels to be added or erased.
For CATV channels, set to **ON**.
For VHF/UHF channels, set to **OFF**.

3 Press the number(s) of the channel to be added or erased and then press **ENTER**.

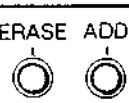


Channel number

16

If necessary, press **DISPLAY** to check the channel number.

4



ERASING CHANNELS

Press **ERASE**.
A "–" indication will appear.

–16

ADDING CHANNELS

Press **ADD**.
A " + " indication will appear.

+16

When **CH + /–** are pressed, you will see that only the added channels will appear in sequence while the erased channels will be skipped over.

Repeat steps 2 through 4 for other channels.

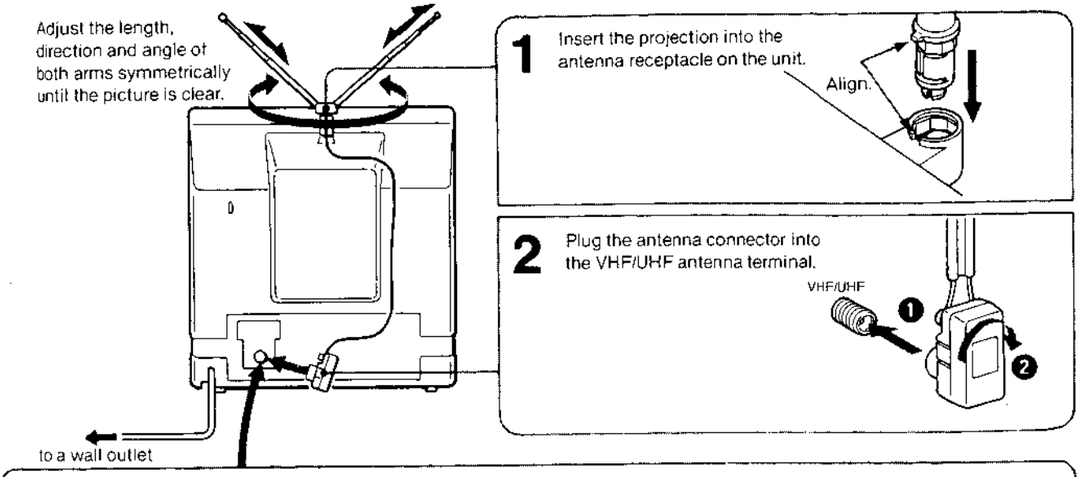
To add erased channels again, follow the steps for ADDING CHANNELS.

Note
When a VHF or UHF channel is erased, the cable TV channel with the same number is also erased and vice versa.

1-3. ANTENNA/CABLE CONNECTION

INDOOR ANTENNA CONNECTION

For VHF/UHF reception, use the supplied dipole telescopic antenna.



OUTDOOR ANTENNA/CABLE CONNECTION

If you cannot obtain satisfactory reception with the dipole antenna, use of an outdoor antenna may be necessary.
Cable TV reception is only possible by connecting a cable supplied by your local cable operator.

1 Remove the indoor antenna from the antenna terminal of the TV.
2 Prepare the antenna or cable end using the appropriate connector, and connect the antenna or cable to the antenna terminal of the TV. (See **A** or **B** below.)

A **Combination VHF/UHF antenna *, VHF antenna, UHF antenna or CATV cable**

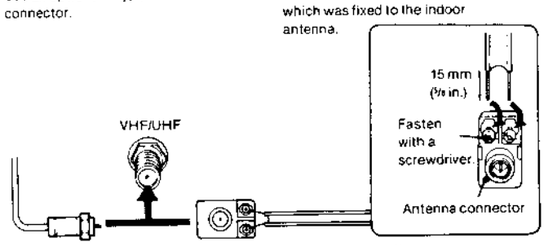
Select the proper connector according to the cable type.

When the cable is a 75-ohm coaxial type (round)

Use an optional F-type connector.

When the cable is a 300-ohm ribbon type lead-in (flat)

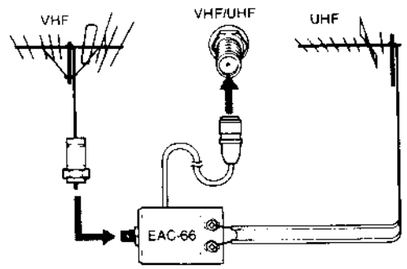
Attach the antenna connector which was fixed to the indoor antenna.



* Most combination antennas are equipped with a signal splitter. Take off the splitter and attach the proper connector.

B **When both VHF and UHF antennas are connected**

Prepare the VHF antenna end using the appropriate connector as illustrated in A. Attach the optional EAC-66 U/V mixer to the TV antenna terminal, and connect the cables to the U/V mixer.



When the cable is connected to the TV with the U/V mixer, snow and noise may appear in the pictures of the cable TV channels over 37 (W + 1).

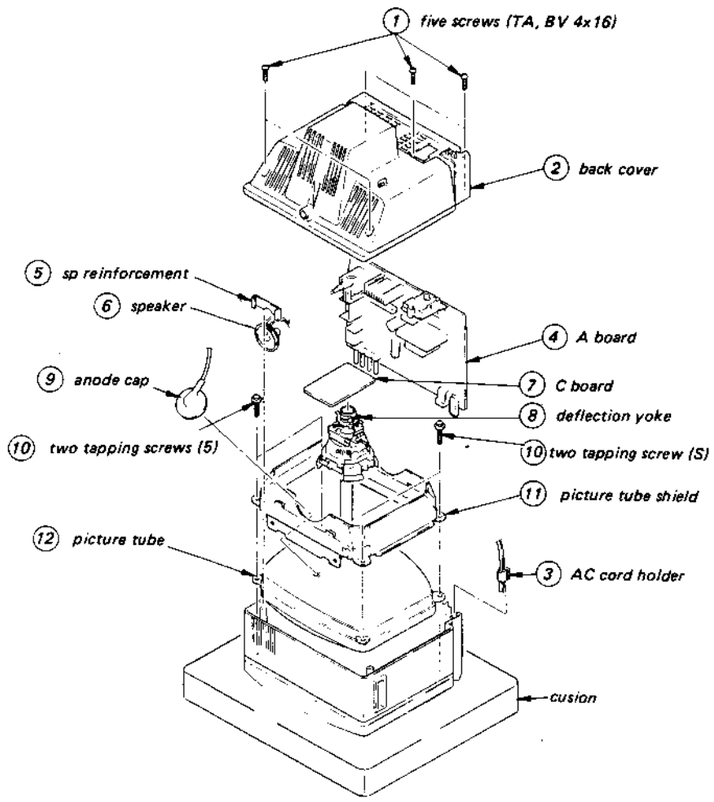
Note to CATV system installer in the U.S.A.:
This reminder is provided to call the CATV system installer's attention to Article 820-22 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

MEMO

SECTION 2
DISASSEMBLY

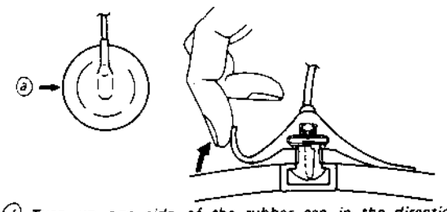
2-1. PICTURE TUBE REMOVAL

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

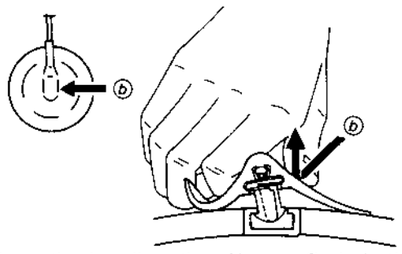


2-2. REMOVAL OF ANODE CAP

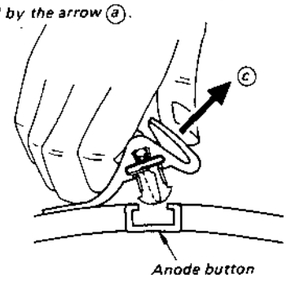
- Removing Procedures



(1) *Turn up one side of the rubber cap in the direction indicated by the arrow (a).*



(2) *Using a thumb, pull up the rubber cap firmly in the direction indicated by the arrow (b).*



(3) *When one side of the rubber cap is separated from the anode button, the anode cap can be removed by turning up the rubber cap and pulling up it in the direction of the arrow (c).*

SECTION 3
SET-UP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed.
These adjustments should be performed with rated power supply voltage unless otherwise noted.

Controls and switch should be set as follows unless otherwise noted:

(picture) control . . . . . maximum
(brightness) control . . . . . maximum (fully clockwise)

Perform the adjustments in order as follows:

1. Beam Landing
2. Convergence
3. White Balance

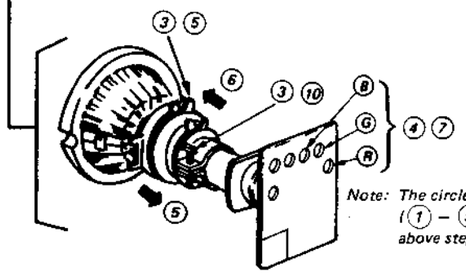
Note: Test Equipment Required.
1. Color-bar/Pattern Generator
2. Degausser

3-1. BEAM LANDING

Preparation:

- Feed in the white pattern.
- Before starting, degauss the entire screen.

1 Turn on set power supply and receive an all-white signal.
2 Evenly degauss the entire screen.
3 Loosen the deflection yoke mounting screw, and set the purity control to the center as shown in Figure 3-1.
4 Set BKG VR Ⓡ to maximum and set Ⓑ and Ⓖ to minimum.
5 Move the deflection yoke back, and adjust the purity control so that Ⓡ is in the center and Ⓖ and Ⓑ are at the sides, evenly. (Figure 3-2.)
6 Move the deflection yoke forward so that the entire screen is red.
  * If the deflection yoke is pushed all the way to the CRT then moved slightly back, landing adjustment is easier.
7 Substitute Ⓖ, then Ⓑ for Ⓡ in step 4 and check landing.
8 Rotate Ⓡ, Ⓖ and Ⓑ once each and check landing.
9 When landing is not right, adjust the purity control and use magnets as shown in Figure 3-3, then repeat steps 7 and 8.
10 When a magnet is used, be sure to perform step 2, and tighten deflection yoke mounting screw loosely.



Note: *The circled numbers ((1) – (9)) show above steps.*

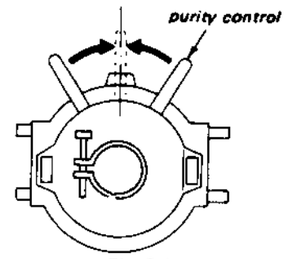


Fig. 3-1

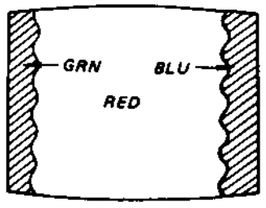


Fig. 3-2

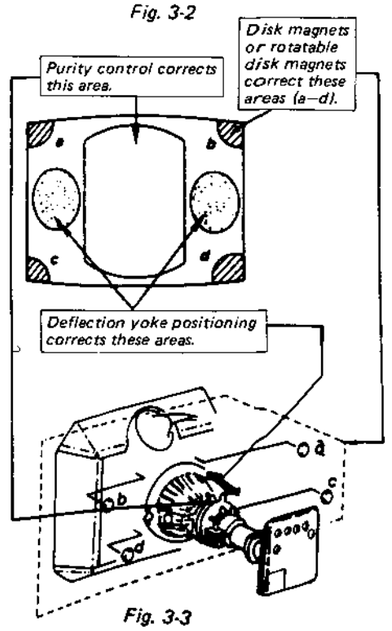


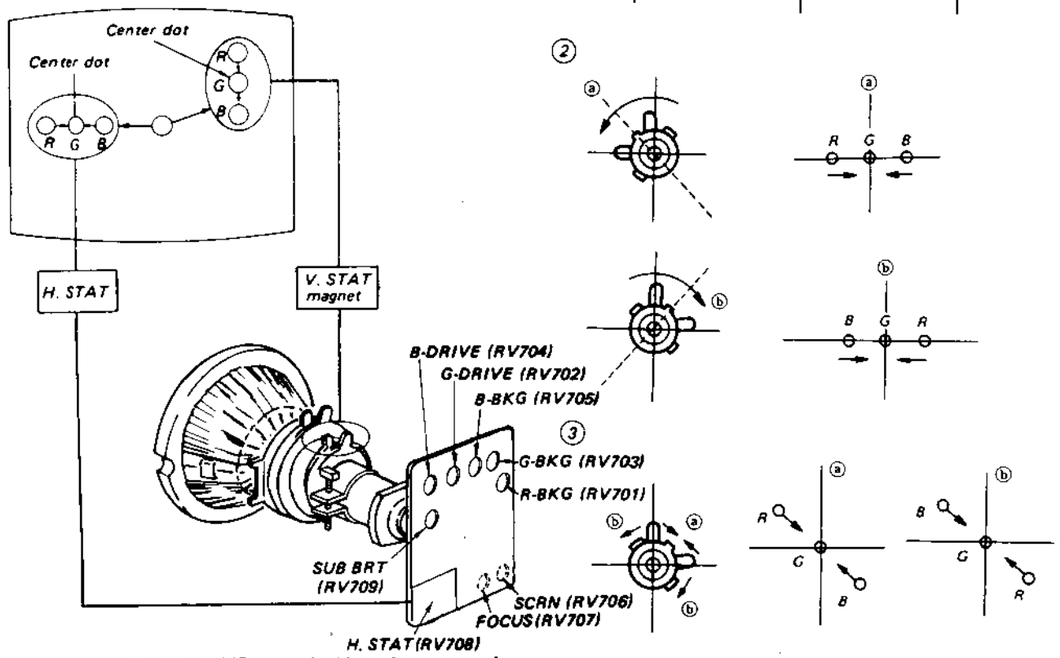
Fig. 3-3

3-2. CONVERGENCE

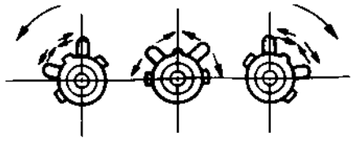
Preparation:

- Before starting this adjustment, perform FOCUS, H. SIZE and V. SIZE adjustments.
- Set BRIGHT control to minimam and PICTURE control mechanical center.
- Feed in a dot pattern.

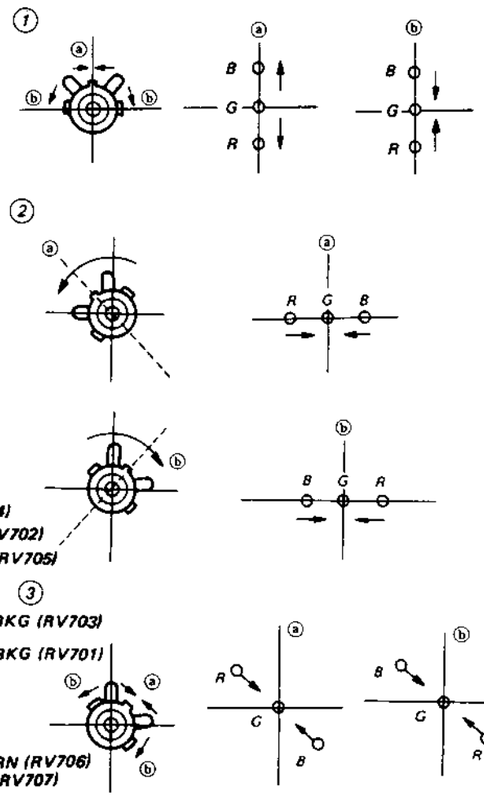
(1) Horizontal and Vertical Static Convergence



1. Adjust H. STAT VR to coincide red, green and blue dots on the center of screen (Horizontal movement)
2. Adjust V. STAT magnet to coincide red, green and blue dots on the center of screen (Vertical movement)
3. If the red, green and blue dots do not coincide on the center of screen with H. STAT VR, perform horizontal convergence adjustment using H. STAT VR and V. STAT magnet as shown below. (In this case, H. STAT VR and V. STAT magnet effect each other.)
   - Tilt the V. STAT magnet and adjust static convergence to open or close the V. STAT magnet.



4. When the V. STAT magnet is moved in the direction of arrow ⓐ and ⓑ, Red, Green and Blue dots move as shown below.

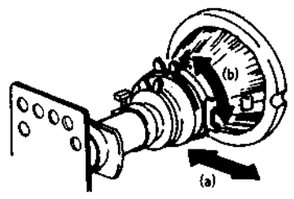


If blue dot does not coincide with red and green dots, perform following steps.

Move BMC magnet (a) to correct insufficient H. static convergence.

Rotate BMC magnet (b) to correct insufficient V. static convergence.

In either case, repeat Beam Landing Adjustment.

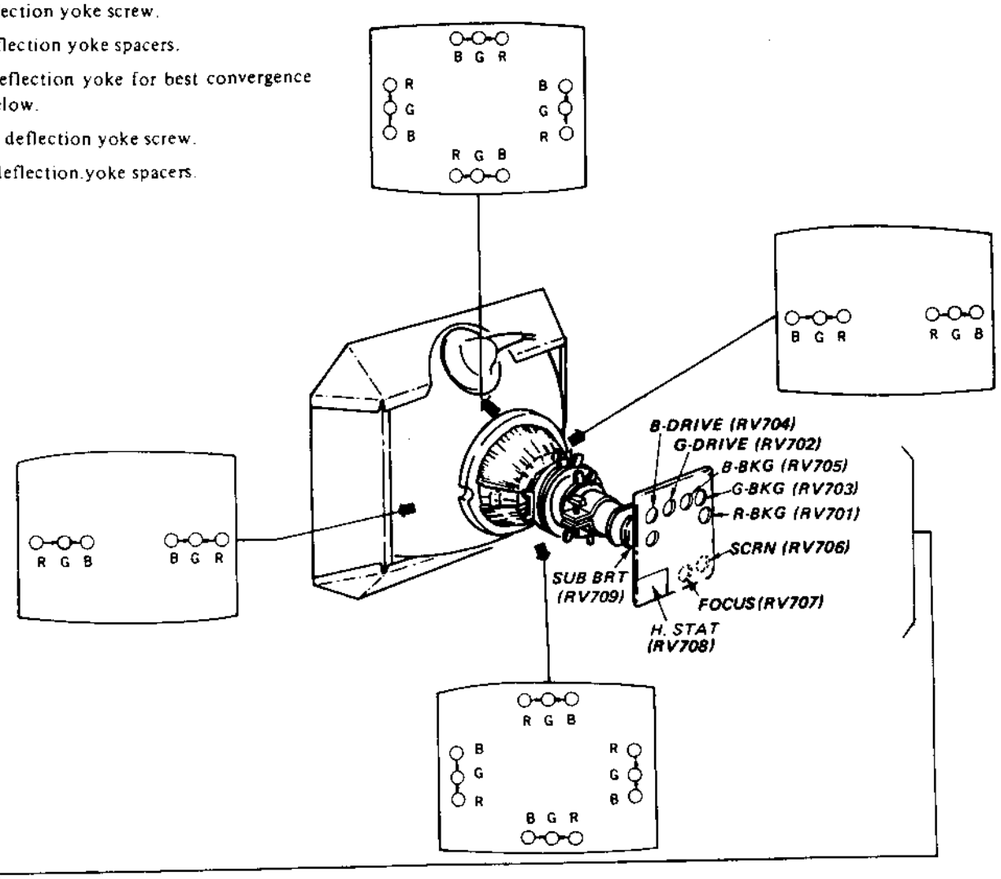


(2) Dynamic Convergence Adjustment

Preparation:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.

1. Loosen deflection yoke screw.
2. Remove deflection yoke spacers.
3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.



3-3. WHITE BALANCE

[SCREEN (G_2)]

1. Input a dots pattern.
2. Set the PICTURE control at minimum and turn the BRIGHT control fully counterclockwise.
3. Confirm that BKG voltage is less than 160V dc when turning RV701 (R.BKG), RV703 (G.BKG) and RV705 (B.BKG).
4. Note the color which becomes visible first when turning RV708.

[WHITE BALANCE (Cut off)]

1. Input a all white signal.
2. Set the PICTURE control to minimum and turn the BRIGHT control mechanical center.
3. Turn RV704 (B.DRIVE) and RV702 (G.DRIVE) fully clockwise.
4. Set RV701 (R.BKG), RV703 (G.BKG) and RV705 (B.BKG) to minimum.
5. Turn RV709 (SUB BRT) slowly to obtain a faintly visible cross-hatch.
   Note the color that first becomes visible by turning RV709.
   Do not turn a BKG control for this color.
6. Adjust the other two BKG controls for best white balance (neutral gray) of the faint cross-hatch.
7. Set the PICTURE control fully clockwise.
   Observe the screen and adjust the DRIVE controls for best white balance.
8. Repeat steps 1. through 7.

Note: (1

1.
2.
3.
4.
5.
6.

(2
W
ba

(3
C
wl
ot
PI
C
V
B
A

4-1. C B

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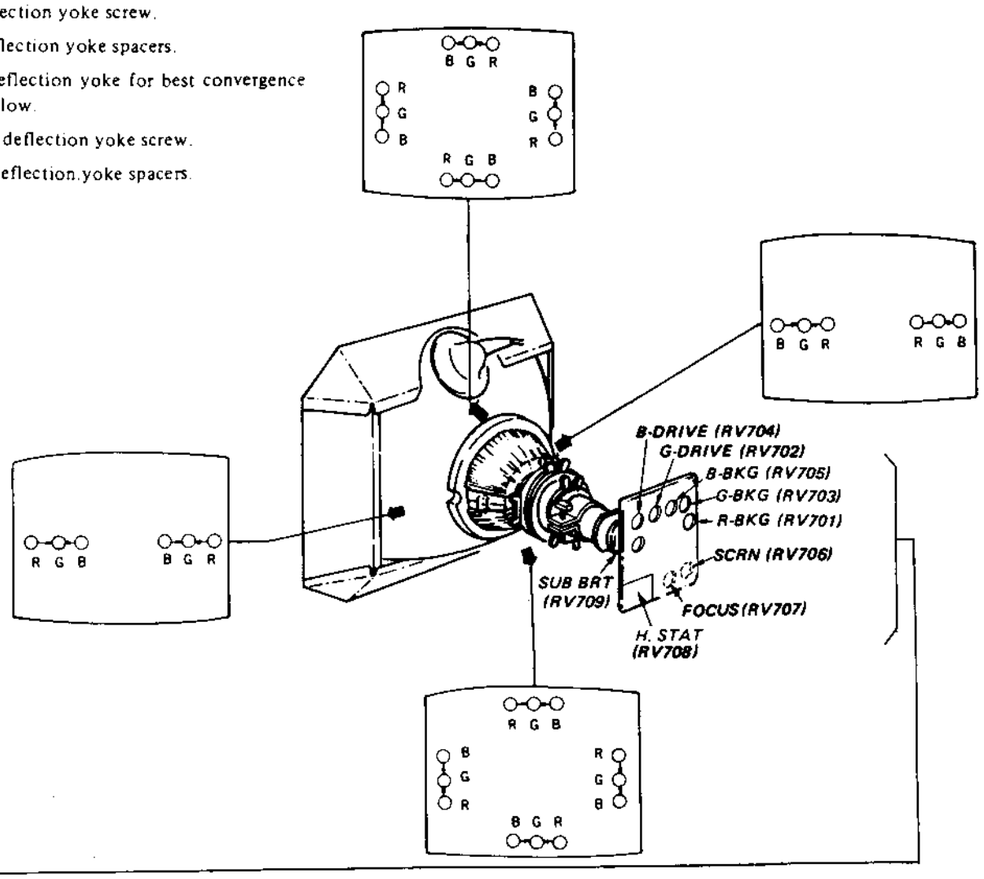
(2) Dynamic Convergence Adjustment

Preparation:

- Before starting, perform Horizontal and Vertical Static Convergence Adjustment.

1. Loosen deflection yoke screw.
2. Remove deflection yoke spacers.
3. Move the deflection yoke for best convergence as shown below.
4. Tighten the deflection yoke screw.
5. Install the deflection yoke spacers.



3-3. WHITE BALANCE

[SCREEN (G_2)]

1. Input a dots pattern.
2. Set the PICTURE control at minimum and turn the BRIGHT control fully counterclockwise.
3. Confirm that BKG voltage is less than 160V dc when turning RV701 (R.BKG), RV703 (G.BKG) and RV705 (B.BKG).
4. Note the color which becomes visible first when turning RV708.

[WHITE BALANCE (Cut off)]

1. Input a all white signal.
2. Set the PICTURE control to minimum and turn the BRIGHT control mechanical center.
3. Turn RV704 (B.DRIVE) and RV702 (G.DRIVE) fully clockwise.
4. Set RV701 (R.BKG), RV703 (G.BKG) and RV705 (B.BKG) to minimum.
5. Turn RV709 (SUB BRT) slowly to obtain a faintly visible cross-hatch.
   Note the color that first becomes visible by turning RV709.
   Do not turn a BKG control for this color.
6. Adjust the other two BKG controls for best white balance (neutral gray) of the faint cross-hatch.
7. Set the PICTURE control fully clockwise.
   Observe the screen and adjust the DRIVE controls for best white balance.
8. Repeat steps 1, through 7.

SECTION 4
CIRCUIT ADJUSTMENTS

Note: (1) TEST EQUIPMENT REQUIRED

1. Oscilloscope
2. Digital multimeter
3. Color-bar/pattern generator
4. Variable auto-transformer
5. Isolation transformer
6. Regulated-dc power supply

(2) INPUT SIGNAL

When making these adjustments, supply a color-bar or an off-air signal.

(3) CONTROL SETTING

Controls and switches should be set as follows when making checks and adjustments unless otherwise noted.

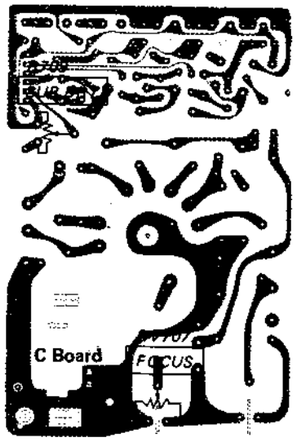
PICTURE control, COLOR control } initial setting
V. HOLD control ..... set for stable picture
BRIGHT control . . . . . set for best picture
AFT SW . . . . . ON

(4) These adjustments should be performed with the rated power supply voltage unless otherwise noted.

4-1. C BOARD ADJUSTMENTS

FOCUS

Adjust RV707 for best Focus.



SUB BRT

1. *Receive a broadcast.*
2. *Set the PICTURE control at minimum and turn the BRIGHT knob for optimum picture.*
3. *Adjust RV709 for optimum brightness.*
4. *Set the PICTURE button for best picture.*
5. *Receive each channel and check that there are no extremes of brightness.*

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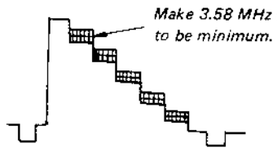
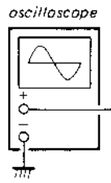
4-2. A BOARD ADJUSTMENTS

3.58 MHz TRAP

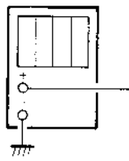
1) Receive color bar signal.
2) PICTURE VR . . . . . .maximum
   BRIGHT VR . . . . . .center click
   COLOR VR . . . . . .minimum
   HUE VR . . . . . .center
3) Adjust RV-306 until the 3.58 MHz component in Y out waveform at pin (17) of IC301 becomes a minimum as shown below.





V BIAS

1. Tune in an off-air signal.
2. Adjust V BIAS VR (RV504) so that voltage of V. deflection yoke connector (granded side) is 12.0 ±0.2V dc.
3. Comfirm V-SIZE adjustment.

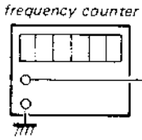


V SIZE

1. Tune in an off-air signal.
2. Adjust V SIZE VR (RV503) for a best vertical size picture.

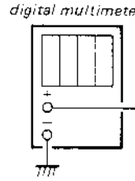
V-FREQUENCY

1. Switch to a channel where no signal is received.
2. Connect a frequency counter across pin (2) of IC501 and ground.
3. Adjust V-FREQUENCY VR (RV502) to obtain 55Hz ± 0.5Hz reading on the frequency counter.



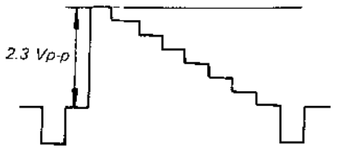
H-FREQUENCY

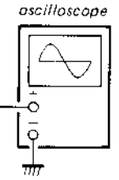
1. Tune in an off-air signal.
2. Set the PICTURE and BRIGHT control to obtain a suitable picture.
3. Connect an digital multimeter across pin (9) of IC301 and ground.
4. Adjust H-FREQUENCY VR (RV501) to obtain 3.2 ±0.1 V dc reading on the digital multimeter.



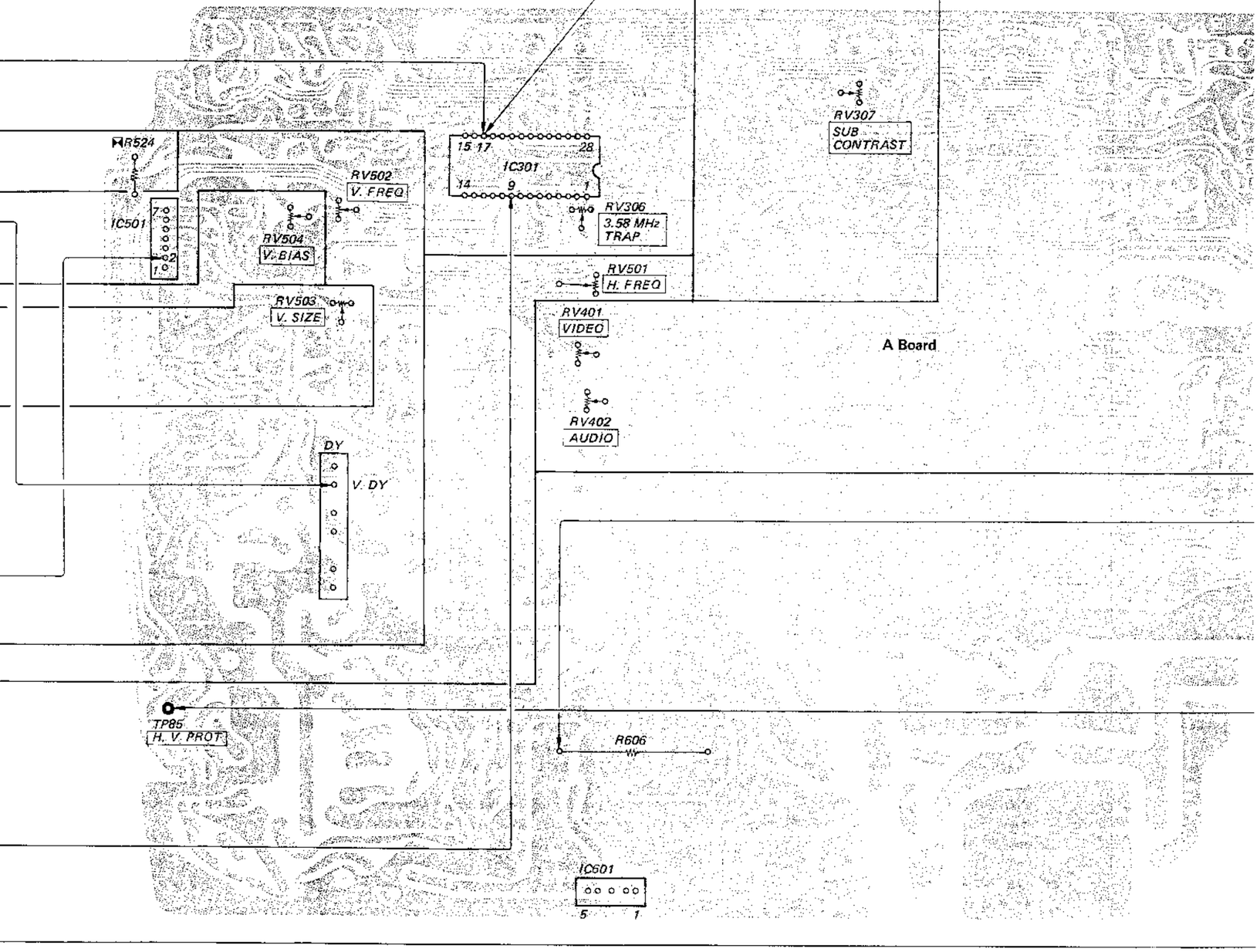
SUB PICTURE

1. Receive color bar signal.
2. PICTURE VR . . . . . .maximum
   BRIGHT VR . . . . . .center click
   COLOR VR . . . . . .minimum
   HUE VR . . . . . .center
3. Connect an oscilloscope across pin (17) of IC301.
4. Adjust RV307 to 2.3Vp-p.





Note: RV401, RV402 set to mechanical center.

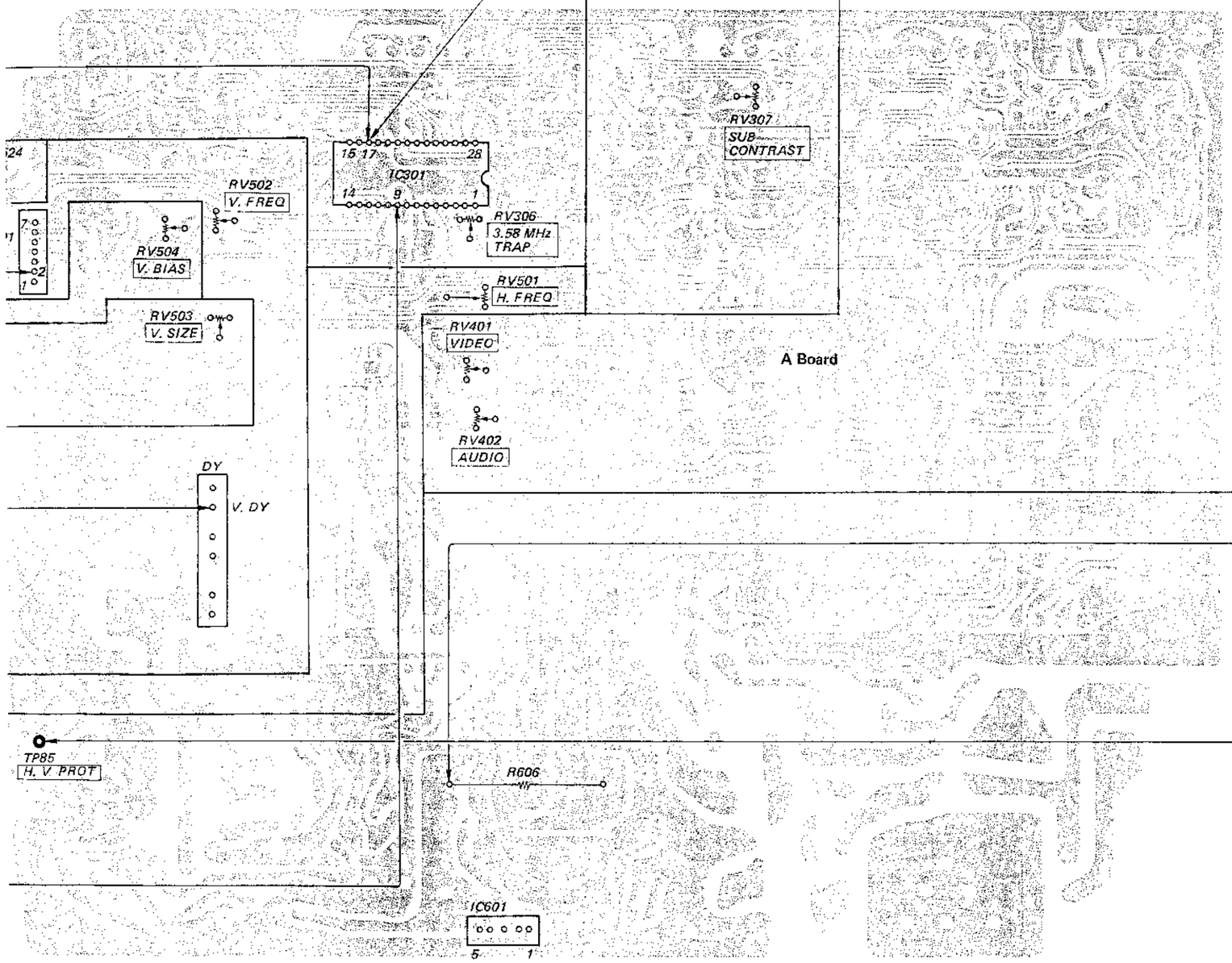


. . . .maximum
. . . .center click
. . . .minimum
. . . .center
across pin (17) of IC301.
p-p.

2.3 Vp-p

oscilloscope

Note: *RV401, RV402 set to mechanical center.*



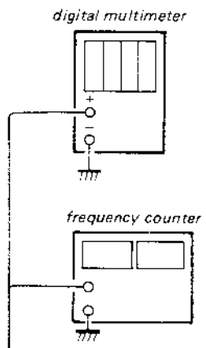
A Board

4-3. SAFETY RELATED ADJUSTMENT

R524 ADJUSTMENT (HOLD DOWN)

When replacing the following components (marked with ◪ on the schematic diagram), perform the adjustment as follows.

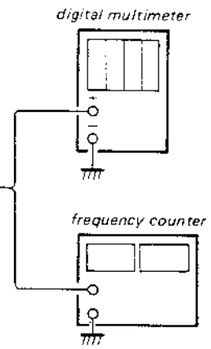
⊠	R524
◪	R521, R522, R523, R524, R530, R534, C307, C524, D502, D512, T503, IC301



1) *Receive the dot signal*
   PICTURE VR . . . . . MIN
   BRIGHT VR . . . . . MIN
2) *+B voltage check*
   Confirm that the +B voltage 135V LINE is less than 136.2 V dc during input of 130 $^{+3}_{-0}$ V ac.
3) *Protector voltage check*
   Confirm that a voltage of 20.0 $^{+1.3}_{-1.7}$ V dc appears between TP85 and ground during input of 120 $^{+1}_{-0}$ V dc between TP85 and ground.
4) *Operation check*
   Confirm that the hold-down circuit operates (the raster dissapears) by less than 22.75V dc between TP85 and ground.
5) *Receive the dot signal.*
6) *Input of 120 $^{+1}_{-0}$ V ac.*
7) *Error operation check*
   Confirm that, applying 139 ±0.5V dc to +B voltage (135V LINE), the hold-down circuit does not operate when changing the channel.

** Use a digital multimeter whose input impedance is over 100 MΩ when confirming the voltage of TP85.*

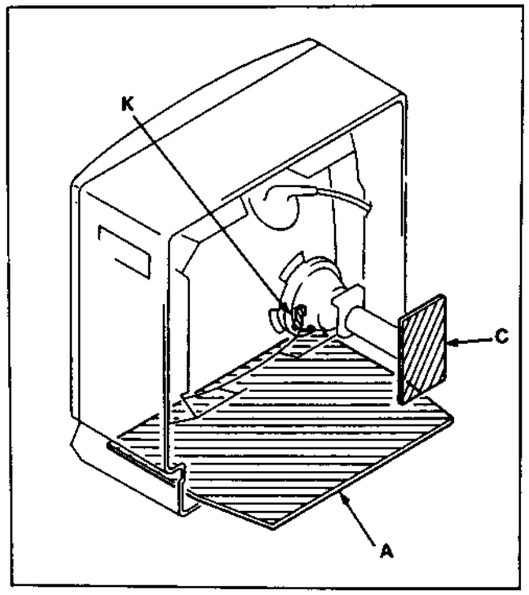
CHECK AFTER IC601 REPLACEMENT



1. *Supply 130 $^{+3}_{-0}$ V ac to with variable auto-transformer.*
2. *Receive the dot signal.*
3. *PICTURE VR . . . . . MIN*
   BRIGHT VR . . . . . MIN
4. *Confirm that the +B voltage (at TP91) is less than 136.2V dc.*
5. *If step 4 is not satisfied, replace IC601 in A board and repeat above steps.*

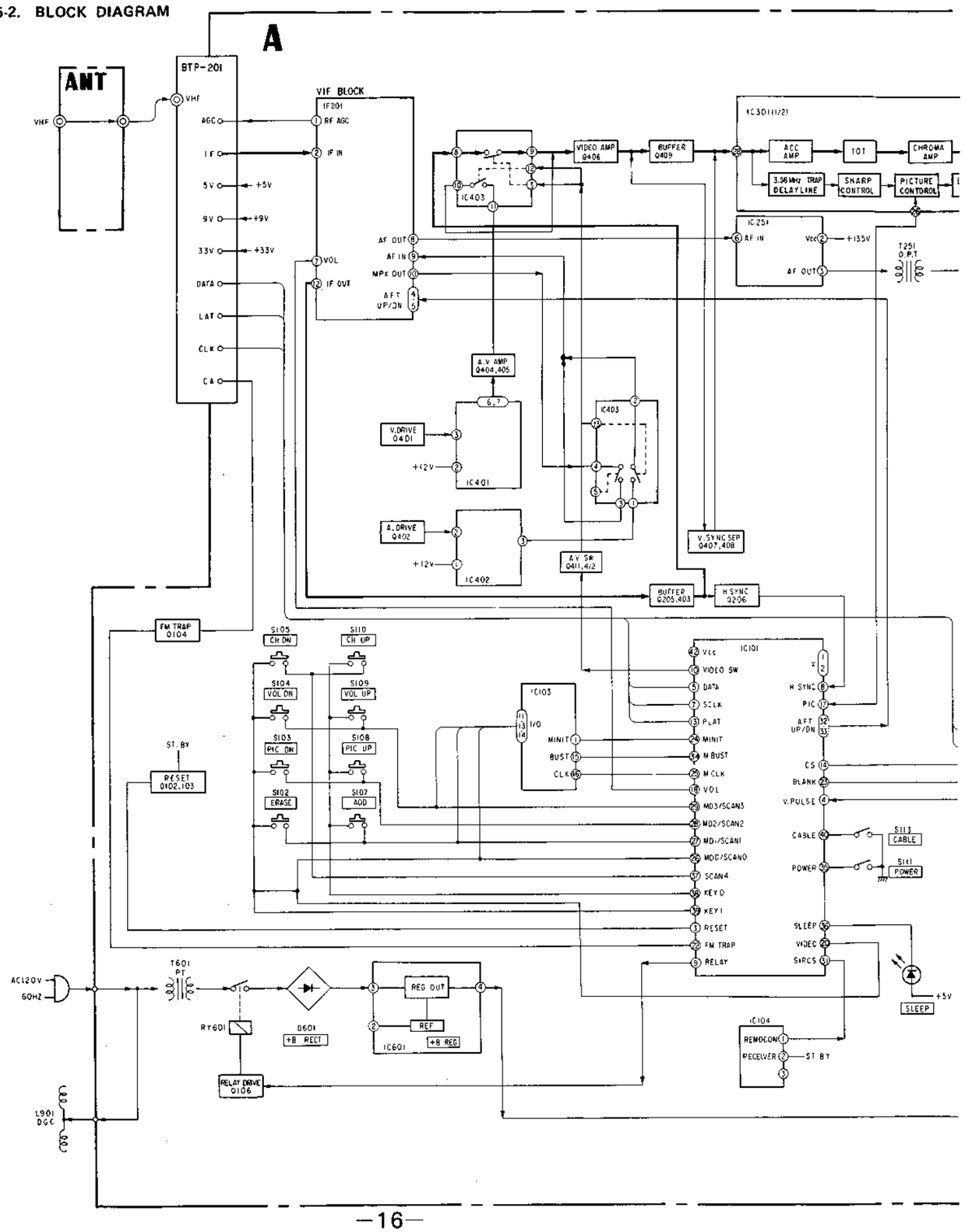
SECTION 5
DIAGRAMS

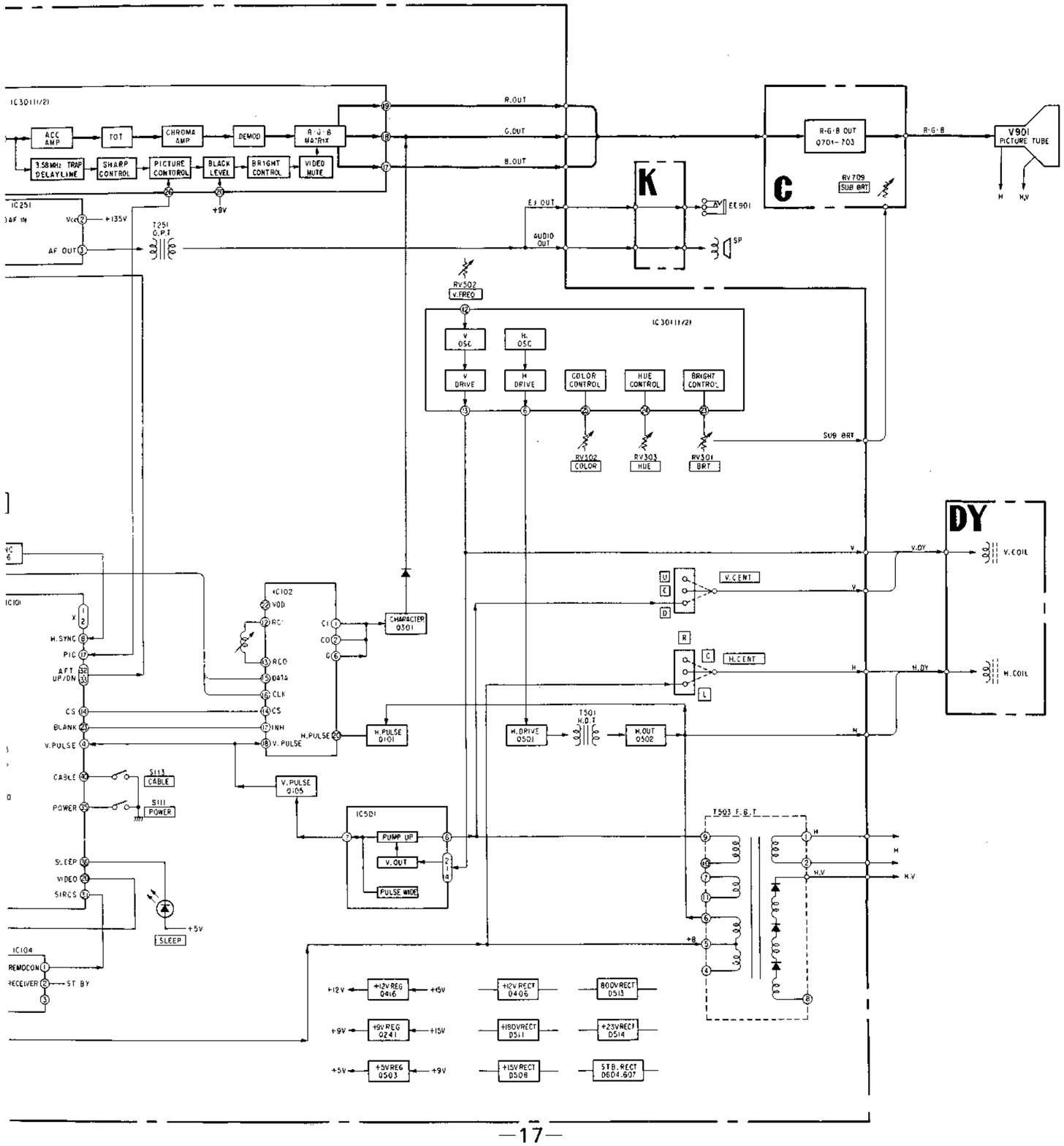
5-1. CIRCUIT BOARDS LOCATION



KV-1326R RM-717

5-2. BLOCK DIAGRAM




IC301(1/2)
ACC AMP
TOT
CHROMA AMP
DEMOD
R-Y·B-Y MATRIX
3.58MHz TRAP DELAYLINE
SHARP CONTROL
PICTURE CONTROL
BLACK LEVEL
BRIGHT CONTROL
VIDEO MUTE
R.OUT
G.OUT
B.OUT
+9V
IC251
Vcc
+13.5V
AF OUT
T251 O.P.T
E.F.OUT
AUDIO OUT
K
AV
EE901
SP
C
R·G·B OUT Q701~703
R·G·B
V901 PICTURE TUBE
H
H.V
RV709 SUB BRT
RV502 V.FREQ
IC301(1/2)
V OSC
H. OSC
V DRIVE
H DRIVE
COLOR CONTROL
HUE CONTROL
BRIGHT CONTROL
SUB BRT
RV502 COLOR
RV303 HUE
RV301 BRT
DY
V
V-DY
V.COIL
V.CENT
U
C
D
R
H.CENT
L
H
H-DY
H.COIL
IC102
VDD
RC
RCO
DATA
CLK
CS
INH
V. PULSE
H.PULSE
CHARACTER Q301
H.PULSE Q101
H.DRIVE Q501
T501 H.D.T
H.OUT Q502
V.PULSE Q105
IC501
PUMP UP
V.OUT
PULSE WIDE
T503 F.B.T
+B
H
H.V
IC101
H.SYNC
PIC
AFT UP/DN
CS
BLANK
V.PULSE
CABLE
POWER
SLEEP
VIDEO
SIRCS
S113 CABLE
S111 POWER
+5V
SLEEP
IC104
REMOCON
RECEIVER
ST BY
+12V REG Q416
+9V REG Q241
+5V REG Q503
+12V RECT Q406
+180V RECT D511
+15V RECT D508
800V RECT D513
+23V RECT D514
STB. RECT D604.607

5-3. SCHEMATIC DIAGRAM

Note:

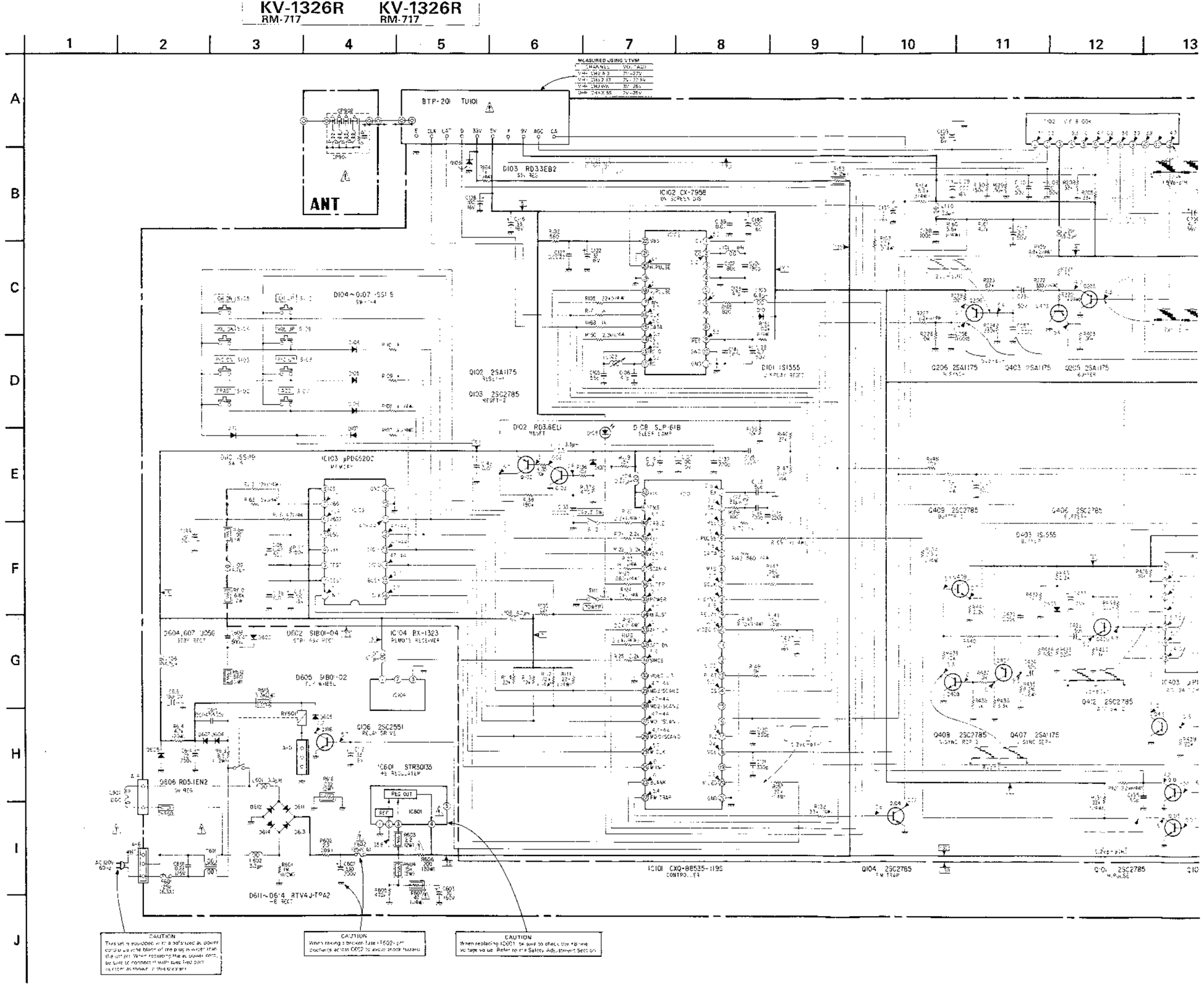
- All capacitors are in μF unless otherwise noted. 50 WV or less are not indicated except for electrolytics. p: μμF
- All resistors are in ohms. 1/6 W unless otherwise noted. k: 1000 Ω, M: 1000 kΩ
- Δ : internal component.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- ▭ : nonflammable resistor.
- ▭ : panel designation.
- When replacing components identified by ◪, make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by ⊠ and repeat the adjustment until the specified value is achieved. **(Refer to R524 adjustment on page 14.)**
  When replacing the part in below table, be sure to perform the related adjustment.

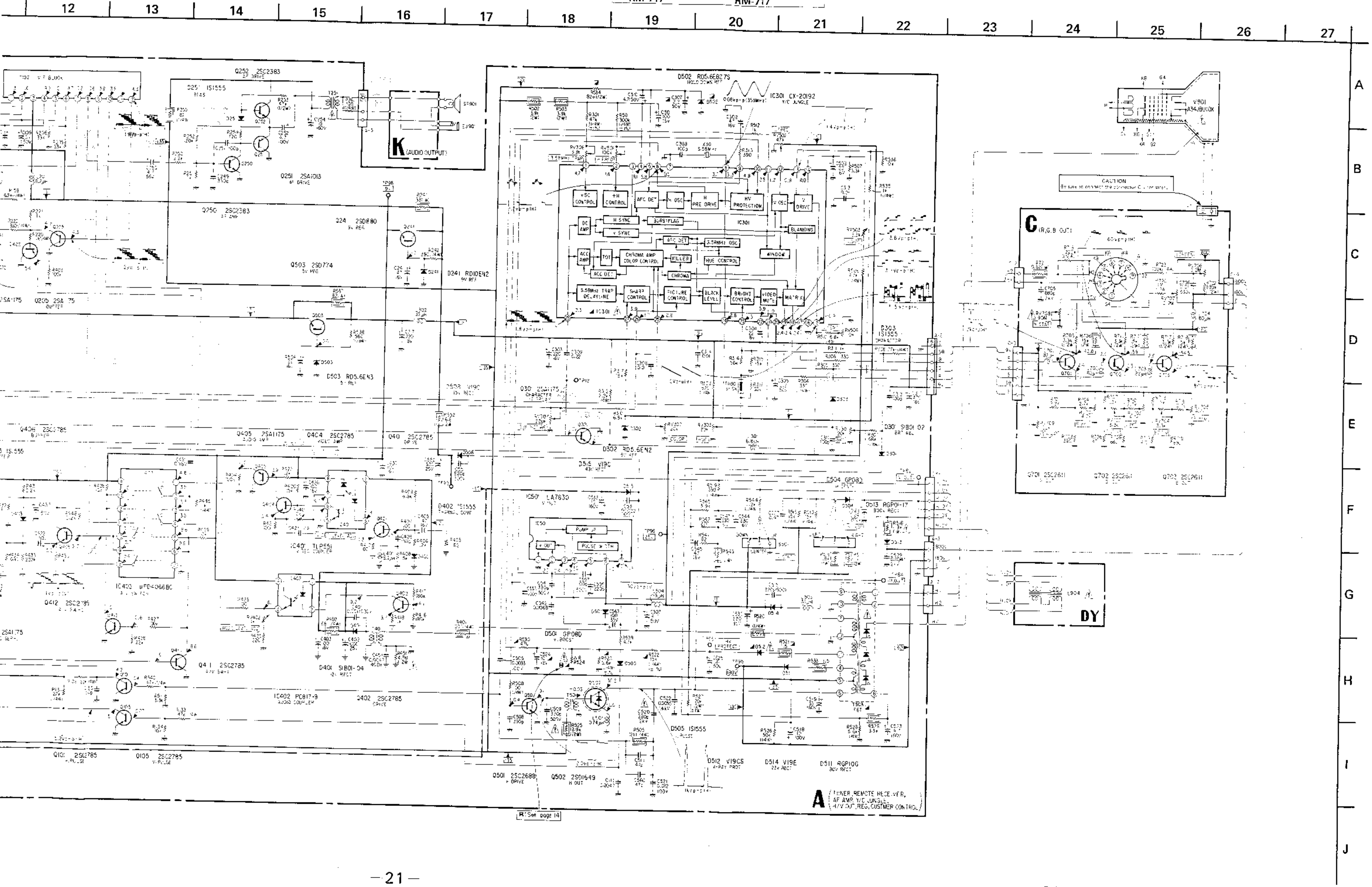
Part replaced (◪)	Adjustment (⊠)
R521, R522, R523, R524, R530 T503, IC301 R534, C307, C524, D502, D512	R524

- ▭ : adjustment for repair.
- All voltages are in V.
- ▬▬ : B+ bus.
- ▬▬ : B− bus.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10 MΩ digital multimeter.
- Readings are taken with a color-bar signal input.
- ⇨ : signal path.

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un tramé et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



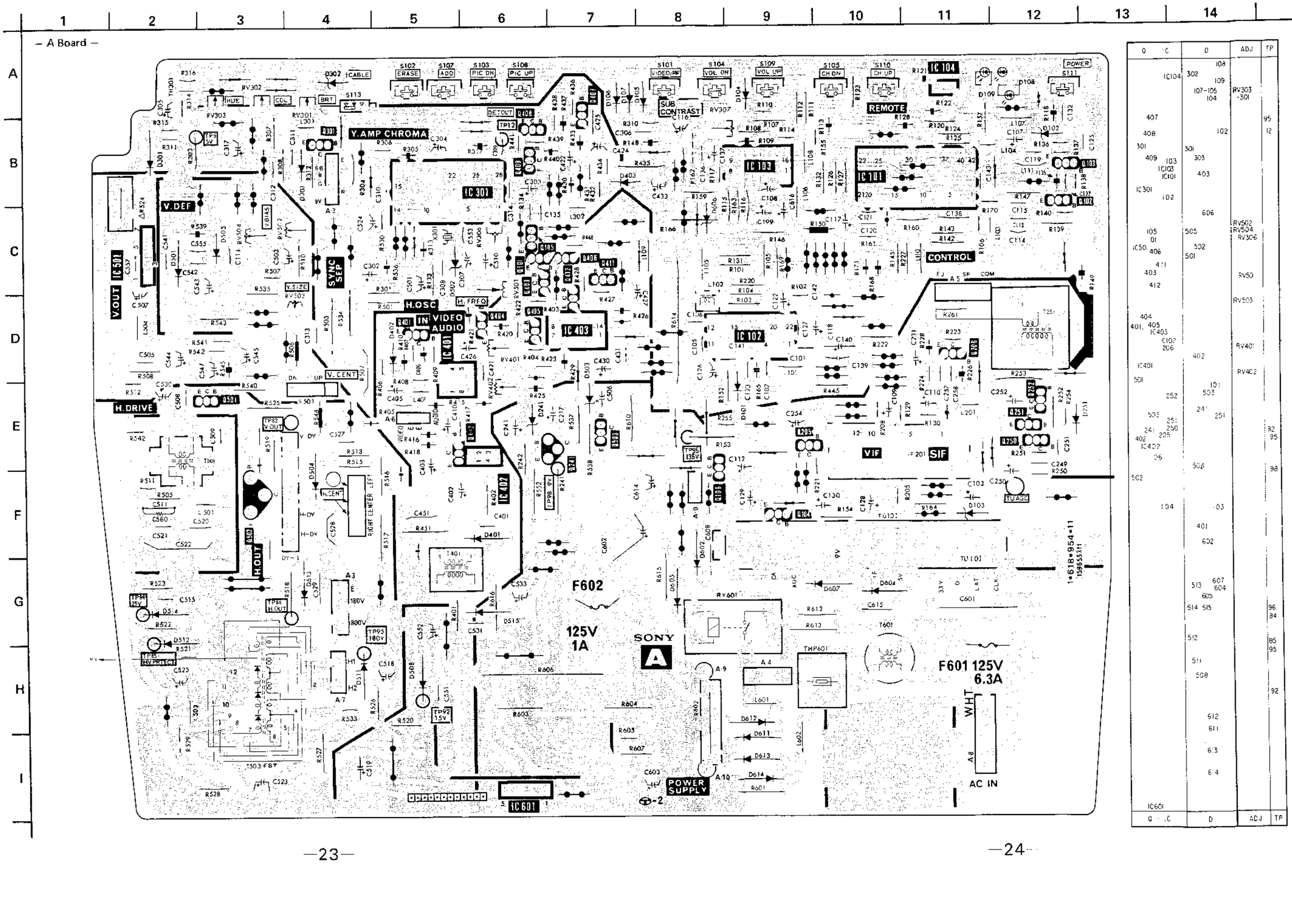

K (AUDIO OUTPUT)
C (R,G,B OUT)
DY
A (TUNER, REMOTE RECEIVER, AF AMP, Y/C JUNGLE, A/V OUT, REG, CUSTMER CONTROL)
IC301 CX-20192
CAUTION
V901 A34JBU10X
IC501 LA7830
IC401 TLP551
IC402 PC817-9
IC405 µPD4066BC
Q252 2SC2383
Q251 2SA1013
Q250 2SC2383
Q503 2SD774
Q404 2SC2785
Q405 2SA1175
Q402 2SC2785
Q411 2SC2785
Q101 2SC2785
Q105 2SC2785
Q501 2SC2688
Q502 2SD1649
Q701 2SC2611
Q702 2SC2611
Q703 2SC2611
D502 RD5.6EB2S
D503 RD5.6EN3
D302 RD5.6EN2
D241 RD10EN2
D401 S1B01-04
D501 SP08D
D504 GP08D
D513 RGP01-17
D505 1S1555
D512 V19CS
D514 V19E
D511 RGP10G
D303 1S1555
D301 S1B01-02
D515 V19C
D402 1S1555
D508 V19C

5-4. PRINTED WIRING BOARDS

– Conductor Side –

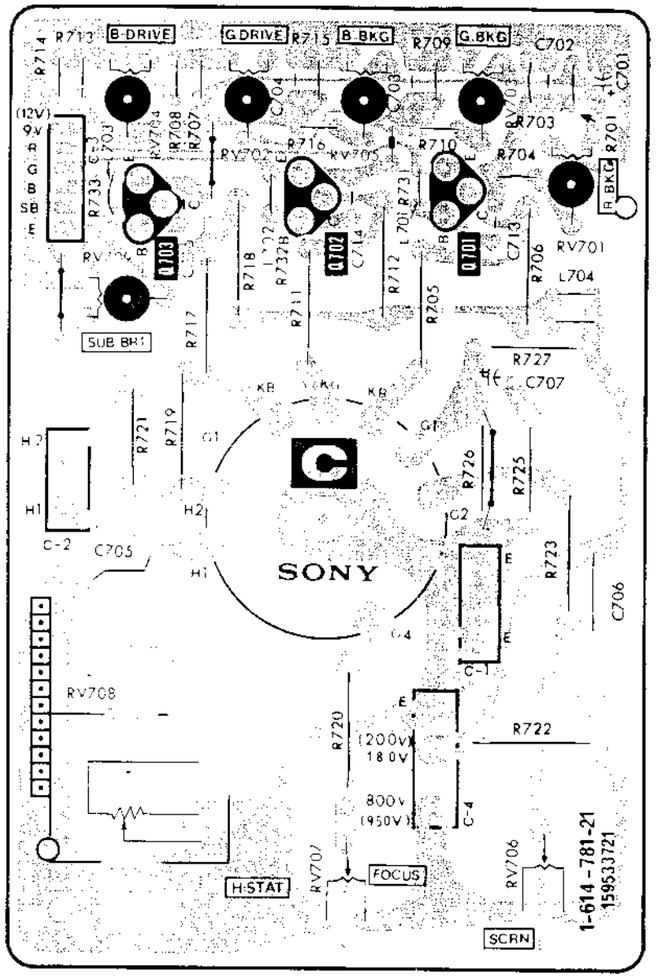
[TUNER, REMOTE RECEIVER, AF AMP, Y/C JUNGLE, V OUT, REG] **A** **A**

– A Board –

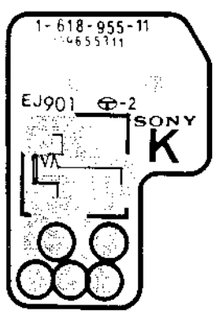


C (R.G.B OUT) K (AUDIO OUTPUT)

– C Board –

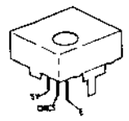


– K Board –

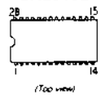


5-5. SEMICONDUCTORS

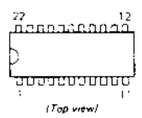
BX-132



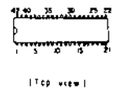
CX20192



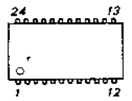
CX7958



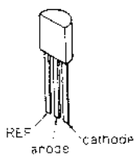
CXQ88535-119S



LA7830
µPD6250C

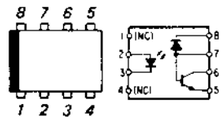


PC817-B

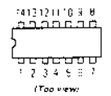


STR30135

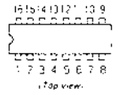
TLP551



µPD4066BC



µPD6250C

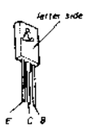


2SA1013
2SC2383

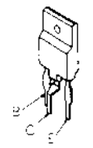
2SA1175-F
2SC2785-F

2SC2551

2SC2611
2SC2688

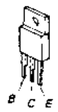


2SD1649-CA

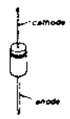


2SD774

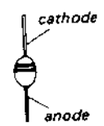
2SD880-GR



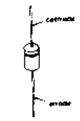
1S1555
RD3.6E-L1
RD5.1E-N2
RD5.6E-BZ7S
RD5.6E-N2
RD5.6E-N3
RD10E-N2
RD33E-B2



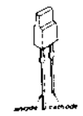
GP08D
U05G
V19C
V19CS
V19E



SIB01-02
SIB01-04



SLP161B
SLP461B

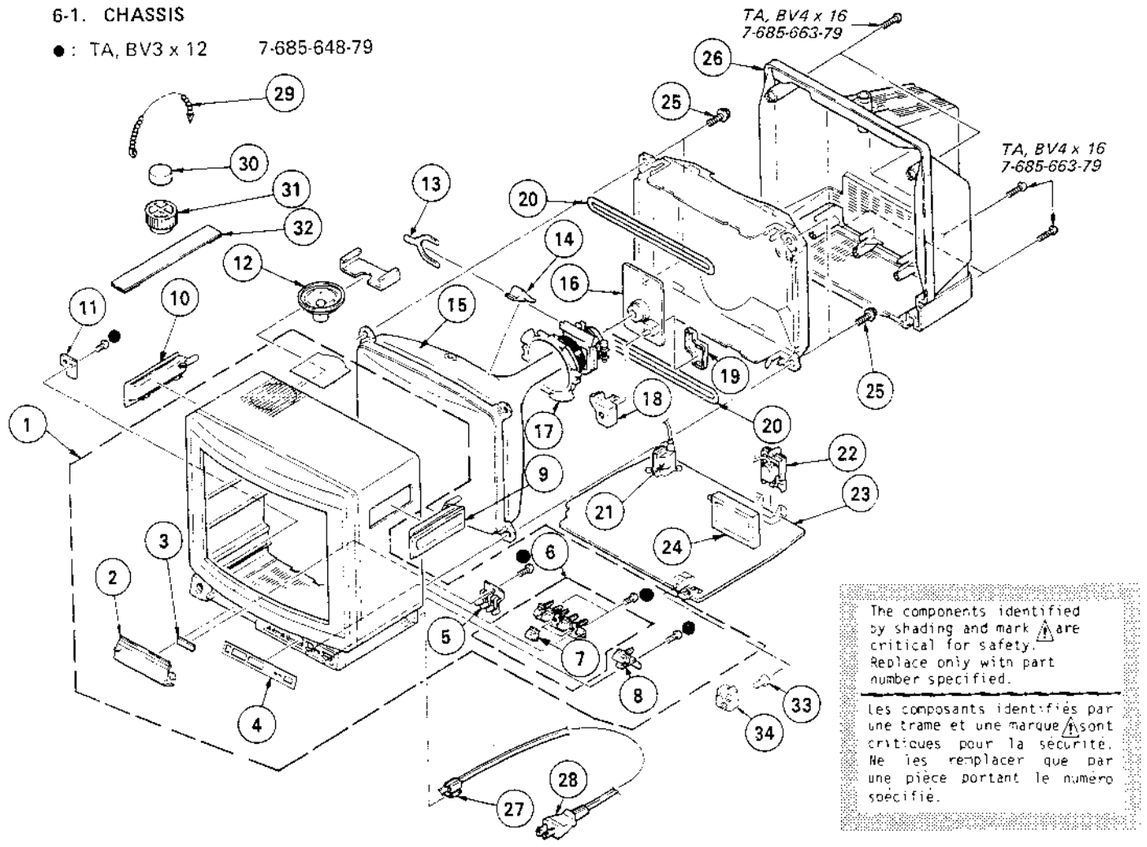


SECTION 6
EXPLODED VIEW

NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

6-1. CHASSIS

●: TA, BV3 x 12 7-685-648-79



The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

No.	Part No.	Description	Remark
1	X-4376-532-3	BEZEL ASSY	2-8
2	X-4376-531-3	DOOR ASSY, CONTROL	
3	*4-840-002-00	EMBLEM, SONY	
4	4-382-544-11	WINDOW, TUNING	
5	4-374-950-01	PUSH BUTTON	
6	X-4376-530-2	BUTTON ASSY	
7	4-374-926-41	PUSH BUTTON	
8	4-374-953-21	BUTTON, POWER	
9	4-374-920-81	HANDLE (RIGHT)	
10	4-374-921-91	HANDLE (LEFT)	
11	*1-618-955-11	K BOARD	
12	1-503-344-21	SPEAKER	
13	1-452-277-00	MAGNET, BMC	
14	3-703-961-01	SPACER, DY	
15	⚠8-735-553-05	CRT (A34JBU10X)	
16	A-1330-601-A	C BOARD, COMPLETE	
17	⚠1-451-234-12	DEFLECTION YOKE (SY-125A)	
18	*4-374-912-01	COVER (MAIN), CV VOL	
19	*4-374-913-01	COVER (REAR LID), CV VOL	
20	⚠.1-426-146-31	COIL, DEMAGNETIZATION	
21	⚠.1-439-314-22	TRANSFORMER ASSY, FLYBACK	
22	⚠.1-537-039-11	TERMINAL BOARD ASSY, ANTENNA	
23	A-1296-308-A	A BOARD, COMPLETE	
24	⚠.1-463-603-11	TUNER, ET (BTP-201)	
25	4-365-808-00	SCREW (5), TAPPING	
26	4-382-530-21	COVER, BACK	
27	⚠.4-022-115-01	HOLDER, AC CORD	
28	⚠.1-551-603-11	CORD, POWER	
29	4-308-870-00	CLIP, LEAD WIRE	
30	1-452-032-00	MAGNET, DISK; 10MM ϕ	
31	1-452 094-00	MAGNET, ROTATABLE DISK; 15MM ϕ	
32	X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	
33	*4-374-987-01	GUIDE, LIGHT	
34	*4-374-988-01	BRACKET, LIGHT GUIDE	

SECTION 7
ELECTRICAL PARTS LIST

A

NOTE:

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked " ★ " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

When indicating parts by reference number, please include the board name.

RESISTORS
- All resistors are in ohms
- F : nonflammable

COILS
- MMH : mH, UH : μH

- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

- The components identified by ⚠ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

CAPACITORS
- MF : μF, PF : μμF

Ref.No.	Part No.	Description	Remark
	*A-1296-308-A	A BOARD, COMPLETE **********	
	*1-535-084-00	1P TERMINAL PIN	
	3-701-833-01	HEAD, WASHER, TAPPING SCREW	
	3-701-833-01	HEAD, WASHER, TAPPING SCREW	
	*4-363-404-00	HOLDER, IC	
	4-365-216-00	SPACER, MICA	
	*4-374-931-01	HOLDER, L.E.D	
	*4-374-932-01	COVER, L.E.D	
		CONNECTOR	
AC	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
A2	*1-566-058-11	PIN, CONNECTOR 6P	
A3	*1-508-765-00	3P PLUG (M)	
A4	*1-508-786-00	2P PLUG (M)	
A5	*1-508-765-00	3P PLUG (M)	
A7	*1-508-786-00	2P PLUG (M)	
A8	*1-506-349-21	3P PLUG (L)	
A9	*1-508-784-00	1P PLUG	
A10	*1-508-784-00	1P PLUG	
DY1	*1-564-038-00	CONNECTOR PLUG, DY (MINI) 6P	
		CAPACITOR	
C101	1-102-976-00	CERAMIC 180PF 10% 50V	
C102	1-102-976-00	CERAMIC 180PF 10% 50V	
C103	1-123-330-00	ELECT 22MF 20% 16V	
C105	1-101-884-00	CERAMIC 56PF 10% 50V	
C106	1-101-880-00	CERAMIC 47PF 10% 50V	
C107	1-123-307-00	ELECT 100MF 20% 10V	
C108	1-123-379-00	ELECT 0.47MF 20% 50V	
C109	1-123-586-00	ELECT 0.1MF 20% 50V	
C110	1-123-586-00	ELECT 0.1MF 20% 50V	
C111	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C112	1-123-318-00	ELECT 33MF 20% 16V	
C113	1-102-976-00	CERAMIC 180PF 10% 50V	
C114	1-102-973-00	CERAMIC 100PF 10% 50V	
C115	1-102-983-00	CERAMIC 220PF 10% 50V	
C116	1-123-369-00	ELECT 4.7MF 20% 50V	
C117	1-123-381-00	ELECT 2.2MF 20% 50V	
C118	1-123-318-00	ELECT 33MF 20% 16V	
C119	1-101-004-00	CERAMIC 0.01MF 50V	
C120	1-102-112-00	CERAMIC 330PF 10% 50V	
C121	1-102-112-00	CERAMIC 330PF 10% 50V	
C122	1-123-318-00	ELECT 33MF 20% 16V	
C123	1-101-880-00	CERAMIC 47PF 10% 50V	
C125	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C126	1-123-369-00	ELECT 4.7MF 20% 50V	
C127	1-102-121-00	CERAMIC 0.0022MF 10% 50V	
C128	1-123-333-00	ELECT 100MF 20% 16V	
C129	1-123-324-00	ELECT 1000MF 20% 16V	
C130	1-123-356-00	ELECT 10MF 20% 16V	
C132	1-102-983-00	CERAMIC 220PF 10% 50V	
C133	1-102-121-00	CERAMIC 0.0022MF 10% 50V	
C135	1-102-108-00	CERAMIC 150PF 10% 50V	
C136	1-101-004-00	CERAMIC 0.01MF 50V	
C137	1-123-333-00	ELECT 100MF 20% 16V	
C138	1-161-271-00	CERAMIC 100PF 5% 50V	
C139	1-101-004-00	CERAMIC 0.01MF 50V	
C140	1-123-333-00	ELECT 100MF 20% 16V	
C141	1-102-074-00	CERAMIC 0.001MF 10% 50V	
C143	1-101-004-00	CERAMIC 0.01MF 50V	
C144	1-123-332-00	ELECT 47MF 20% 16V	
C199	1-123-356-00	ELECT 10MF 20% 50V	
C217	1-123-321-00	ELECT 220MF 20% 16V	
C231	1-123-380-00	ELECT 1MF 20% 50V	
C241	1-123-332-00	ELECT 47MF 20% 16V	
C249	1-162-288-31	CERAMIC 330PF 10% 50V	
C250	1-123-369-00	ELECT 4.7MF 20% 50V	
C251	1-162-117-00	CERAMIC 100PF 10% 500V	
C252	1-123-383-00	ELECT 4.7MF 20% 100V	
C254	1-123-933-00	ELECT 10MF 20% 160V	
C257	1-102-121-00	CERAMIC 0.0022MF 10% 50V	
C258	1-108-794-91	MYLAR 0.0015MF 5% 50V	
C302	1-123-332-00	ELECT 47MF 20% 16V	
C303	1-123-321-00	ELECT 220MF 20% 16V	
C304	1-123-330-00	ELECT 22MF 20% 16V	
C305	1-123-381-00	ELECT 2.2MF 20% 50V	
C306	1-101-004-00	CERAMIC 0.01MF 50V	
C307	1-123-381-00	ELECT 2.2MF 20% 50V	
C308	1-102-973-00	CERAMIC 100PF 10% 50V	
C309	1-136-169-00	FILM 0.22MF 5% 50V	
C311	1-102-106-00	CERAMIC 100PF 10% 50V	
C312	1-102-106-00	CERAMIC 100PF 10% 50V	
C313	1-101-004-00	CERAMIC 0.01MF 50V	
C314	1-101-004-00	CERAMIC 0.01MF 50V	
C317	1-123-323-00	ELECT 470MF 20% 16V	
C401	1-162-318-11	CERAMIC 0.001MF 10% 500V	
C402	1-124-557-11	ELECT 1000MF 20% 25V	
C403	1-123-333-00	ELECT 100MF 20% 16V	
C405	1-123-332-00	ELECT 47MF 20% 16V	
C406	1-162-284-31	CERAMIC 150PF 10% 50V	
C421	1-102-939-61	CERAMIC 2PF 0.5PF 50V	
C422	1-123-380-00	ELECT 1MF 20% 50V	
C424	1-123-380-00	ELECT 1MF 20% 50V	
C425	1-108-597-00	MYLAR 0.056MF 5% 50V	
C426	1-123-333-00	ELECT 100MF 20% 16V	
C427	1-123-356-00	ELECT 10MF 20% 16V	
C430	1-123-333-00	ELECT 100MF 20% 16V	
C431	1-124-645-11	ELECT 10MF 20% 16V	
C433	1-123-380-00	ELECT 1MF 20% 50V	
C451	⚠1-161-953-51	CERAMIC 0.0047MF 20% 400V	
C501	1-123-333-00	ELECT 100MF 20% 16V	
C503	1-123-330-00	ELECT 22MF 20% 16V	
C505	1-106-184-00	MYLAR 0.0033MF 10% 100V	
C506	1-123-330-00	ELECT 22MF 20% 16V	
C507	1-123-369-00	ELECT 4.7MF 20% 50V	

Ref.No.	Part No.	Description				Remark
C508	1-102-112-00	CERAMIC	330PF	10%	50V	
C509	1-102-030-00	CERAMIC	330PF	10%	500V	
C510	1-123-369-00	ELECT	4.7MF	20%	50V	
C511	1-161-267-00	CERAMIC	47PF	5%	50V	
C515	1-102-212-00	CERAMIC	820PF	10%	500V	
C518	1-123-384-00	ELECT	10MF	20%	100V	
C519	1-123-024-00	ELECT	33MF		160V	
C520 ⚠	1-162-115-51	CERAMIC	330PF	10%	2KV	
C521	1-106-369-00	MYLAR	0.012MF	10%	100V	
C522 ⚠	1-136-063-11	FILM	0.0055MF	3%	1.4KV	
C523	1-123-932-00	ELECT	4.7MF	20%	160V	
C524	1-123-356-00	ELECT	10MF	20%	16V	
C525	1-123-356-00	ELECT	10MF	20%	50V	
C527	1-136-173-00	FILM	0.47MF	5%	50V	
C528	1-136-136-00	FILM	0.24MF	5%	200V	
C529	1-102-223-00	CERAMIC	0.0047MF	10%	2KV	
C530	1-124-484-11	ELECT	220MF	20%	35V	
C531	1-101-821-00	CERAMIC	0.0022MF		500V	
C533	1-123-933-00	ELECT	10MF	20%	160V	
C541	1-102-030-00	CERAMIC	330PF	10%	500V	
C542	1-108-835-00	MYLAR	0.0068MF	10%	50V	
C543	1-123-345-00	ELECT	100MF	20%	35V	
C544	1-123-322-00	ELECT	330MF	20%	16V	
C545	1-123-332-00	ELECT	47MF	20%	16V	
C547	1-123-322-00	ELECT	330MF	20%	16V	
C551	1-102-212-00	CERAMIC	820PF	10%	500V	
C552	1-123-335-00	ELECT	330MF	20%	25V	
C553	1-102-106-00	CERAMIC	100PF	10%	50V	
C555	1-102-983-00	CERAMIC	220PF	10%	50V	
C557	1-101-810-00	CERAMIC	100PF	5%	500V	
C560	1-161-267-00	CERAMIC	47PF	5%	50V	
C601 ⚠	1-130-682-51	FILM	0.22MF	20%	125V	
C602	1-124-959-11	ELECT	330MF	20%	200V	
C603	1-123-933-00	ELECT	10MF	20%	160V	
C608	1-161-830-00	CERAMIC	0.0047MF		500V	
C614	1-123-948-00	ELECT	22MF	20%	250V	
C615	1-161-830-00	CERAMIC	0.0047MF		500V	
C616	1-123-307-00	ELECT	100MF	20%	10V	

DIODE

D101	8-719-815-55	DIODE	1S1555
D102	8-719-101-39	DIODE	RD3.6E-L2
D103	8-719-101-04	DIODE	RD33E-B2
D104	8-719-815-55	DIODE	1S1555
D105	8-719-815-55	DIODE	1S1555
D106	8-719-815-55	DIODE	1S1555
D107	8-719-815-55	DIODE	1S1555
D108	8-719-901-96	DIODE	SLP161B
D110	8-719-815-55	DIODE	1S1555
D241	8-719-102-90	DIODE	RD10E-N2
D251	8-719-815-55	DIODE	1S1555
D301	8-719-200-02	DIODE	10E2
D302	8-719-102-71	DIODE	RD5.6E-N2

Ref.No.	Part No.	Description
D303	8-719-815-55	DIODE 1S1555
D401	8-719-924-06	DIODE ERC24-06S
D402	8-719-815-55	DIODE 1S1555
D403	8-719-815-55	DIODE 1S1555
D501	8-719-911-55	DIODE U05G
D502	8-719-100-35	DIODE RD5.6E-B2
D503	8-719-102-71	DIODE RD5.6E-N2
D504	8-719-911-55	DIODE U05G
D505	8-719-815-55	DIODE 1S1555
D508	8-719-918-77	DIODE V19G
D511	8-719-924-06	DIODE ERC24-06S
D512 ⚠	8-719-901-94	DIODE V19CS
D513	8-719-300-65	DIODE ES1F
D514 ⚠	8-719-901-93	DIODE V19E
D515	8-719-918-77	DIODE V19G
D602	8-719-924-06	DIODE ERC24-06S
D604	8-719-911-55	DIODE U05G
D605	8-719-200-02	DIODE 10E2
D606	8-719-102-68	DIODE RD5.1E-N2
D607	8-719-911-55	DIODE U05G
D611 ⚠	8-719-801-71	DIODE TVR4J-TPA2
D612 ⚠	8-719-801-71	DIODE TVR4J-TPA2
D613 ⚠	8-719-801-71	DIODE TVR4J-TPA2
D614 ⚠	8-719-801-71	DIODE TVR4J-TPA2

FUSE

F601 ⚠	1-532-509-00	FUSE, GLASS TUBE 6.3A/125V
	1-533-127-00	FUSE CLIP; F601
F602 ⚠	1-532-740-11	FUSE, GLASS TUBE 1A/125V
	*1-533-146-00	HOLDER, FUSE; F602

IC

IC101	8-759-918-29	IC CXQ88535-119S
IC102	8-759-909-50	IC CX-7958
IC103	8-759-102-12	IC UPD6250C
IC104	8-741-132-30	IC BX-1323
IC301 ⚠	8-752-019-20	IC CX20192
IC401	8-719-800-43	DIODE TLP551
IC402	8-719-936-96	PC817-B
IC403	8-759-140-66	IC UPD4066BC
IC501	8-759-801-98	IC LA7830
IC601 ⚠	8-749-901-35	IC STR30135

IF BLOCK

IF201	1-464-478-11	IF BLOCK (IF8-450)

COIL

L101	1-407-717-00	MICRO INDUCTOR 1MMH
L102	1-404-538-11	COIL
L103	1-408-420-00	MICRO INDUCTOR 82UH
L104	1-408-877-00	MICRO INDUCTOR 0.22UH
L105	1-410-326-11	MICRO INDUCTOR 6.8UH
L106	1-410-324-11	MICRO INDUCTOR 4.7UH
L107	1-410-324-11	MICRO INDUCTOR 4.7UH
L108	1-410-324-11	MICRO INDUCTOR 4.7UH
L109	1-410-324-11	MICRO INDUCTOR 4.7UH
L110	1-410-322-11	MICRO INDUCTOR 3.3UH
L111	1-410-322-11	MICRO INDUCTOR 3.3UH
L201	1-408-441-31	MICRO INDUCTOR 8.2UH
L301	1-408-407-00	MICRO INDUCTOR 6.8UH
L302	1-408-415-00	MICRO INDUCTOR 33UH
L401	1-408-441-31	MICRO INDUCTOR 8.2UH
L501	1-407-365-00	COIL, CHOKE
L503	1-407-699-00	MICRO INDUCTOR 33UH
L504	1-407-695-00	MICRO INDUCTOR 15UH
L601 ⚠	1-408-225-11	MICRO INDUCTOR 3.3UH
L602 ⚠	1-408-225-11	MICRO INDUCTOR 3.3UH

TRANSISTOR

Q101	8-729-178-54	TRANSISTOR 2SC2785
Q102	8-729-117-54	TRANSISTOR 2SA1175
Q103	8-729-178-54	TRANSISTOR 2SC2785
Q104	8-729-178-54	TRANSISTOR 2SC2785
Q105	8-729-178-54	TRANSISTOR 2SC2785
Q106	8-729-255-12	TRANSISTOR 2SC2552
Q205	8-729-117-54	TRANSISTOR 2SA1175
Q206	8-729-117-54	TRANSISTOR 2SA1175
Q241	8-729-268-02	TRANSISTOR 2SD880
Q250	8-729-238-32	TRANSISTOR 2SC2383
Q251	8-729-201-32	TRANSISTOR 2SA1013
Q252	8-729-238-32	TRANSISTOR 2SC2383
Q301	8-729-117-54	TRANSISTOR 2SA1175
Q401	8-729-178-54	TRANSISTOR 2SC2785
Q402	8-729-178-54	TRANSISTOR 2SC2785
Q403	8-729-117-54	TRANSISTOR 2SA1175
Q404	8-729-178-54	TRANSISTOR 2SC2785
Q405	8-729-117-54	TRANSISTOR 2SA1175
Q406	8-729-178-54	TRANSISTOR 2SC2785
Q407	8-729-117-54	TRANSISTOR 2SA1175
Q408	8-729-178-54	TRANSISTOR 2SC2785
Q409	8-729-178-54	TRANSISTOR 2SC2785
Q411	8-729-178-54	TRANSISTOR 2SC2785
Q412	8-729-178-54	TRANSISTOR 2SC2785
Q501	8-729-168-82	TRANSISTOR 2SC2688
Q502	8-729-802-50	TRANSISTOR 2SD1649-CA
Q503	8-729-177-43	TRANSISTOR 2SB774

RESISTOR

R101	1-249-462-11	CARBON	22K	5%	1/4W
R102	1-249-414-11	CARBON	560	5%	1/6W
R103	1-247-717-11	CARBON	2.2K	5%	1/4W
R104	1-247-717-11	CARBON	2.2K	5%	1/4W
R105	1-249-462-11	CARBON	22K	5%	1/4W
R106	1-249-405-11	CARBON	100	5%	1/6W
R107	1-247-713-11	CARBON	1K	5%	1/4W
R108	1-247-713-11	CARBON	1K	5%	1/4W
R109	1-249-417-11	CARBON	1K	5%	1/6W
R110	1-249-417-11	CARBON	1K	5%	1/6W
R111	1-249-462-11	CARBON	22K	5%	1/4W
R112	1-249-462-11	CARBON	22K	5%	1/4W
R113	1-249-433-11	CARBON	22K	5%	1/6W
R114	1-249-433-11	CARBON	22K	5%	1/6W
R115	1-249-459-11	CARBON	12K	5%	1/4W
R116	1-247-721-11	CARBON	4.7K	5%	1/4W
R117	1-215-473-00	CARBON	150K	5%	1/6W
R118	1-249-431-11	CARBON	15K	5%	1/6W
R120	1-247-717-11	CARBON	2.2K	5%	1/4W
R121	1-249-421-11	CARBON	2.2K	5%	1/6W
R122	1-249-421-11	CARBON	2.2K	5%	1/6W
R123	1-247-713-11	CARBON	1K	5%	1/4W
R124	1-247-725-11	CARBON	10K	5%	1/4W
R125	1-247-711-11	CARBON	680	5%	1/4W
R126	1-247-717-11	CARBON	2.2K	5%	1/4W
R127	1-247-717-11	CARBON	2.2K	5%	1/4W
R128	1-249-421-11	CARBON	2.2K	5%	1/6W
R129	1-215-473-00	CARBON	150K	5%	1/6W
R130	1-215-473-00	CARBON	150K	5%	1/6W
R131	1-249-462-11	CARBON	22K	5%	1/4W
R132	1-247-726-11	CARBON	33K	5%	1/4W
R133	1-249-465-11	CARBON	47K	5%	1/4W
R134	1-249-429-11	CARBON	10K	5%	1/6W
R135	1-249-429-11	CARBON	10K	5%	1/6W
R136	1-249-429-11	CARBON	10K	5%	1/6W
R137	1-249-413-11	CARBON	470	5%	1/6W
R138	1-247-885-00	CARBON	180K	5%	1/6W
R139	1-247-725-11	CARBON	10K	5%	1/4W
R140	1-249-434-11	CARBON	27K	5%	1/6W
R142	1-247-710-11	CARBON	560	5%	1/4W
R143	1-247-710-11	CARBON	560	5%	1/4W
R145	1-247-725-11	CARBON	10K	5%	1/4W
R146	1-247-725-11	CARBON	10K	5%	1/4W
R147	1-247-717-11	CARBON	2.2K	5%	1/4W
R148	1-249-429-11	CARBON	10K	5%	1/6W
R149	1-249-429-11	CARBON	10K	5%	1/6W
R150	1-247-717-11	CARBON	2.2K	5%	1/4W
R152	1-249-469-11	CARBON	100K	5%	1/4W
R153	1-215-898-11	METAL OXIDE	10K	5%	2W F
R154	1-247-722-11	CARBON	5.6K	5%	1/4W
R155	1-249-433-11	CARBON	22K	5%	1/6W
R157	1-246-507-00	CARBON	27K	5%	1/4W
R159	1-247-723-11	CARBON	6.8K	5%	1/4W
R160	1-247-722-11	CARBON	5.6K	5%	1/4W
R161	1-249-425-11	CARBON	4.7K	5%	1/6W
R162	1-249-469-11	CARBON	100K	5%	1/4W
R163	1-249-460-11	CARBON	15K	5%	1/4W
R164	1-247-713-11	CARBON	1K	5%	1/4W
R165	1-249-416-11	CARBON	820	5%	1/6W
R166	1-213-131-00	METAL OXIDE	100	5%	1W F
R168	1-249-417-11	CARBON	1K	5%	1/6W

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

Ref.No.	Part No.	Description				Remark
R169	1-247-713-11	CARBON	1K	5%	1/4W	
R170	1-249-417-11	CARBON	1K	5%	1/6W	
R171	1-249-417-11	CARBON	1K	5%	1/6W	
R205	1-249-435-11	CARBON	33K	5%	1/6W	
R208	1-249-435-11	CARBON	33K	5%	1/6W	
R220	1-247-713-11	CARBON	1K	5%	1/4W	
R221	1-249-417-11	CARBON	1K	5%	1/6W	
R222	1-247-706-11	CARBON	330	5%	1/4W	
R223	1-249-440-11	CARBON	82K	5%	1/6W	
R224	1-215-481-00	CARBON	330K	5%	1/6W	
R226	1-249-429-11	CARBON	10K	5%	1/6W	
R227	1-247-717-11	CARBON	2.2K	5%	1/4W	
R228	1-249-405-11	CARBON	100	5%	1/6W	
R241	1-213-125-00	METAL OXIDE	33	5%	1W	F
R242	1-247-707-11	CARBON	390	5%	1/4W	
R250	1-249-421-11	CARBON	2.2K	5%	1/6W	
R251	1-249-417-11	CARBON	1K	5%	1/6W	
R252	1-246-523-00	CARBON	120K	5%	1/4W	
R253	1-249-492-11	CARBON	47K	5%	1/2W	
R254	1-249-406-11	CARBON	120	5%	1/6W	
R255	1-247-699-11	CARBON	82	5%	1/4W	F
R261	1-202-359-17	SOLID	100	5%	1/4W	
R301	1-214-769-00	METAL	47K	1%	1/4W	
R303	1-247-712-11	CARBON	820	5%	1/4W	
R304	1-247-706-11	CARBON	330	5%	1/4W	
R305	1-249-411-11	CARBON	330	5%	1/6W	
R306	1-249-411-11	CARBON	330	5%	1/6W	
R307	1-249-467-11	CARBON	68K	5%	1/4W	
R308	1-246-507-00	CARBON	27K	5%	1/4W	
R310	1-249-427-11	CARBON	6.8K	5%	1/6W	
R311	1-249-417-11	CARBON	1K	5%	1/6W	
R312	1-247-717-11	CARBON	2.2K	5%	1/4W	
R313	1-249-412-11	CARBON	390	5%	1/6W	
R314	1-249-438-11	CARBON	56K	5%	1/6W	
R315	1-249-431-11	CARBON	15K	5%	1/6W	
R316	1-249-435-11	CARBON	33K	5%	1/6W	
R317	1-249-432-11	CARBON	18K	5%	1/6W	
R401	1-247-700-11	CARBON	100	5%	1/4W	F
R402	1-247-698-11	CARBON	68	5%	1/4W	F
R403	1-249-441-11	CARBON	100K	5%	1/6W	
R404	1-249-441-11	CARBON	100K	5%	1/6W	
R405	1-247-805-00	CARBON	82	5%	1/6W	
R406	1-249-418-11	CARBON	1.2K	5%	1/6W	
R407	1-249-405-11	CARBON	100	5%	1/6W	
R408	1-249-431-11	CARBON	15K	5%	1/6W	
R409	1-249-427-11	CARBON	6.8K	5%	1/6W	
R410	1-249-405-11	CARBON	100	5%	1/6W	
R416	1-247-885-00	CARBON	180K	5%	1/6W	
R417	1-247-885-00	CARBON	180K	5%	1/6W	
R418	1-249-417-11	CARBON	1K	5%	1/6W	
R420	1-249-431-11	CARBON	15K	5%	1/6W	
R421	1-249-405-11	CARBON	100	5%	1/6W	
R422	1-249-418-11	CARBON	1.2K	5%	1/6W	

Ref.No.	Part No.	Description				Remark
R423	1-249-405-11	CARBON	100	5%	1/6W	
R425	1-249-409-11	CARBON	220	5%	1/6W	
R426	1-249-429-11	CARBON	10K	5%	1/6W	
R427	1-249-441-11	CARBON	100K	5%	1/6W	
R428	1-249-433-11	CARBON	22K	5%	1/6W	
R429	1-249-429-11	CARBON	10K	5%	1/6W	
R430	1-249-417-11	CARBON	1K	5%	1/6W	
R431	1-249-421-11	CARBON	2.2K	5%	1/6W	
R432	1-249-417-11	CARBON	1K	5%	1/6W	
R433	1-215-477-00	CARBON	220K	5%	1/6W	
R434	1-249-415-11	CARBON	680	5%	1/6W	
R435	1-202-730-00	SOLID	8.2M	10%	1/2W	
R436	1-249-423-11	CARBON	3.3K	5%	1/6W	
R437	1-249-429-11	CARBON	10K	5%	1/6W	
R438	1-249-417-11	CARBON	1K	5%	1/6W	
R439	1-249-429-11	CARBON	10K	5%	1/6W	
R440	1-249-417-11	CARBON	1K	5%	1/6W	
R441	1-249-421-11	CARBON	2.2K	5%	1/6W	
R445	1-247-713-11	CARBON	1K	5%	1/4W	
R448	1-249-421-11	CARBON	2.2K	5%	1/6W	
R451 ⚠	1-202-727-51	SOLID	4.7M	10%	1/2W	
R501	1-214-788-00	METAL	300K	1%	1/4W	
R502	1-216-460-11	METAL OXIDE	3.9K	5%	2W	F
R503	1-216-460-11	METAL OXIDE	3.9K	5%	2W	F
R505	1-249-459-11	CARBON	12K	5%	1/4W	F
R506	1-247-721-11	CARBON	4.7K	5%	1/4W	
R507	1-249-423-11	CARBON	3.3K	5%	1/6W	
R508	1-247-700-11	CARBON	100	5%	1/4W	
R510	1-247-723-11	CARBON	6.8K	5%	1/4W	
R511	1-249-423-11	CARBON	3.3K	5%	1/6W	
R512	1-249-417-11	CARBON	1K	5%	1/6W	
R513	1-249-460-11	CARBON	15K	5%	1/4W	
R515	1-249-460-11	CARBON	15K	5%	1/4W	
R516	1-216-434-11	METAL OXIDE	1.8K	5%	1W	F
R517	1-215-892-11	METAL OXIDE	1K	5%	2W	F
R518 ⚠	1-213-146-61	METAL OXIDE	1.8K	5%	1W	F
R519	1-247-706-11	CARBON	330	5%	1/4W	
R520 ⚠	1-249-447-51	CARBON	1	5%	1/4W	F
R521 ⚠	1-249-383-51	CARBON	1.5	5%	1/6W	F
R522	1-215-854-51	METAL	15K	1%	1/4W	
R523	1-214-747-00	METAL	5.6K	1%	1/4W	
⋈R524 ⚠		CARBON			1/4W	
R525 ⚠	1-216-460-51	METAL OXIDE	3.9K	5%	2W	F
R526	1-246-525-00	CARBON	150K	5%	1/4W	
R527	1-214-915-00	METAL	120K	1%	1/2W	
R528	1-247-722-11	CARBON	5.6K	5%	1/4W	
R529	1-249-423-11	CARBON	3.3K	5%	1/6W	F
R530	1-249-413-11	CARBON	470	5%	1/6W	
R533 ⚠	1-249-383-51	CARBON	1.5	5%	1/6W	F
R534	1-244-919-00	CARBON	82K	5%	1/2W	
R535	1-247-713-11	CARBON	1K	5%	1/4W	
R536	1-249-429-11	CARBON	10K	5%	1/6W	
R537	1-216-426-11	METAL OXIDE	82	5%	1W	F

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité.
Ne les remplacer que par une pièce portant le numéro spécifié.

- The components identified by ⋈ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

A C

Ref.No.	Part No.	Description				Remark
R538	1-247-710-11	CARBON	560	5%	1/4W	
R539	1-249-425-11	CARBON	4.7K	5%	1/6W	
R540	1-249-465-11	CARBON	47K	5%	1/4W	
R541	1-247-805-00	CARBON	82	5%	1/6W	
R542	1-249-410-11	CARBON	270	5%	1/6W	
R543	1-216-349-00	METAL OXIDE	1	5%	1W	F
R544	1-247-714-11	CARBON	1.2K	5%	1/4W	
R545	1-249-424-11	CARBON	3.9K	5%	1/6W	
R552	1-216-379-11	METAL OXIDE	6.8	5%	2W	F
R601 ⚠	1-202-719-51	SOLID	1M	10%	1/2W	
R602 ⚠	1-205-707-12	CEMENTED	2.2		10W	
R603 ⚠	1-216-373-51	METAL OXIDE	2.2	5%	2W	F
R604	1-215-899-11	METAL OXIDE	15K	5%	2W	F
R605	1-215-485-00	CARBON	470K	5%	1/6W	
R606 ⚠	1-205-700-11	CEMENTED	200	5%	20W	
R607 ⚠	1-247-696-51	CARBON	47	5%	1/4W	F
R610	1-215-897-11	METAL OXIDE	6.8K	5%	2W	F
R612 ⚠	1-216-431-51	METAL OXIDE	560	5%	1W	F
R613	1-207-474-00	WIREWOUND	8.2	10%	1/2W	
R614	1-205-744-11	CEMENTED	4.7K	5%	20W	
R615 ⚠	1-215-895-51	METAL OXIDE	3.3K	5%	2W	F
R616 ⚠	1-216-361-51	METAL OXIDE	0.22	5%	2W	F

VARIABLE RESISTOR

RV301	1-230-815-11	RES, VAR, CARBON(WITH SW)20KX3	
RV302	1-230-815-11	RES, VAR, CARBON(WITH SW)20KX3	
RV303	1-230-815-11	RES, VAR, CARBON(WITH SW)20KX3	
RV306	1-230-629-41	RES, ADJ, CARBON 3.3K	
RV307	1-230-635-41	RES, ADJ, CARBON 220K	
RV401	1-230-630-11	RES, ADJ, CARBON 10K	
RV402	1-230-627-11	RES, ADJ, CARBON 1K	
RV501	1-228-728-00	RES, ADJ, CERAMIC CARBON 100K	
RV502	1-230-633-41	RES, ADJ, CARBON 47K	
RV503	1-230-629-41	RES, ADJ, CARBON 3.3K	
RV504	1-230-630-11	RES, ADJ, CARBON 10K	

RELAY

RY601 ⚠	1-515-346-22	RELAY	

SWITCH

S102	1-554-804-11	SWITCH, PUSH (1 KEY)	
S103	1-554-804-11	SWITCH, PUSH (1 KEY)	
S104	1-554-804-11	SWITCH, PUSH (1 KEY)	
S105	1-554-804-11	SWITCH, PUSH (1 KEY)	
S107	1-554-804-11	SWITCH, PUSH (1 KEY)	
S108	1-554-804-11	SWITCH, PUSH (1 KEY)	
S109	1-554-804-11	SWITCH, PUSH (1 KEY)	
S110	1-554-804-11	SWITCH, PUSH (1 KEY)	
S111 ⚠	1-554-804-12	SWITCH, PUSH (1 KEY)	
S113	1-230-815-11	RES, VAR, CARBON(WITH SW)20KX3	
S113	1-230-815-11	RES, VAR, CARBON(WITH SW)20KX3	
S501	1-554-186-00	SWITCH, LEVER	

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

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Ref.No.	Part No.	Description				Remark
		TRANSFORMER				
T251 ⚠	1-427-479-11	TRANSFORMER (SOT)				
T401 ⚠	1-421-749-11	TRANSFORMER, INSULATING				
T501	1-437-090-00	HDT				
T503 ⚠	1-439-314-22	TRANSFORMER ASSY, FLYBACK (NX-812)				
T601 ⚠	1-421-592-11	TRANSFORMER, FERRITE				
		THERMISTOR				
TH301	1-800-945-00	THERMISTOR S-10K				
THP601 ⚠	1-800-686-51	THERMISTOR (POSITIVE)				
		TUNER				
TU101 ⚠	1-463-603-11	TUNER, ET (BTP-201)				
		CRYSTAL				
X301	1-567-505-11	OSCILLATOR, CRYSTAL				

****

	*A-1330-601-A	C BOARD, COMPLETE				
		**********				
	1-526-819-11	SOCKET, CRT				
		CONNECTOR				
C1	*1-506-371-21	2P PLUG (L)				
C2	*1-508-786-00	2P PLUG (M)				
C3	*1-566-058-11	PIN, CONNECTOR 6P				
C4	*1-508-765-00	3P PLUG (M)				
		CAPACITOR				
C705	1-162-116-00	CERAMIC	680PF	10%	2KV	
C706	1-129-714-00	FILM	0.01MF	10%	630V	
		COIL				
L701	1-408-420-00	MICRO INDUCTOR 82UH				
L702	1-408-420-00	MICRO INDUCTOR 82UH				
L703	1-408-420-00	MICRO INDUCTOR 82UH				
L704	1-408-424-00	MICRO INDUCTOR 180UH				
		TRANSISTOR				
Q701	8-729-326-11	TRANSISTOR 2SC2611				
Q702	8-729-326-11	TRANSISTOR 2SC2611				
Q703	8-729-326-11	TRANSISTOR 2SC2611				
		RESISTOR				
R701	1-249-421-11	CARBON	2.2K	5%	1/6W	
R703	1-249-412-11	CARBON	390	5%	1/6W	
R704	1-249-422-11	CARBON	2.7K	5%	1/6W	
R705	1-202-824-00	SOLID	3.3K		1/2W	
R706	1-215-899-11	METAL OXIDE	15K	5%	2W	F
R707	1-249-418-11	CARBON	1.2K	5%	1/6W	
R708	1-249-413-11	CARBON	470	5%	1/6W	

Ref.No.	Part No.	Description				Remark
R709	1-249-415-11	CARBON	680	5%	1/6W	
R710	1-249-422-11	CARBON	2.7K	5%	1/6W	
R711	1-202-824-00	SOLID	3.3K		1/2W	
R712	1-215-899-11	METAL OXIDE	15K	5%	2W	F
R713	1-249-418-11	CARBON	1.2K	5%	1/6W	
R714	1-249-413-11	CARBON	470	5%	1/6W	
R715	1-249-415-11	CARBON	680	5%	1/6W	
R716	1-249-422-11	CARBON	2.7K	5%	1/6W	
R717	1-202-824-00	SOLID	3.3K		1/2W	
R718	1-215-899-11	METAL OXIDE	15K	5%	2W	F
R719	1-202-842-11	SOLID	220K		1/2W	
R720	1-202-719-00	SOLID	1M	10%	1/2W	
R721	1-216-348-00	METAL OXIDE	0.82	5%	1W	F
R722	1-202-848-00	SOLID	680K		1/2W	
R723	1-202-838-00	SOLID	100K		1/2W	
		VARIABLE RESISTOR				
RV701	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K				
RV702	1-228-722-00	RES, ADJ, CERAMIC CARBON 3.3K				
RV703	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K				
RV704	1-228-722-00	RES, ADJ, CERAMIC CARBON 3.3K				
RV705	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K				
RV705	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K				
RV706	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M				
RV707	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M				
RV708	1-230-798-11	RES, ADJ, METAL GLAZE 90M				
RV709	1-228-725-00	RES, ADJ, CERAMIC CARBON 22K				
	*1-618-955-11	K BOARD *******				
		JACK				
EJ901	1-507-756-00	JACK (SMALL TYPE)				
		MISCELLANEOUS ************				
	1-217-605-11	RES, WIREWOUND 2.2				
	1-451-234-12	DEFLECTION YOKE (SY-125A)				
	1-452-032-00	MAGNET, DISK; 10MM ϕ				
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ϕ				
	1-452-277-00	MAGNET, BMC				
	1-537-039-11	TERMINAL BOARD ASSY, ANTENNA				
	1-551-603-11	CORD, POWER				
L901	1-426-146-31	COIL, DEMAGNETIZATION				
SP901	1-503-344-21	SPEAKER				
V901	8-735-553-05	CRT (A34JBU1CX)				

ACCESSORIES AND PACKING MATERIALS
****

Part No.	Description	Remark
A-1470-655-A	COMMANDER ASSY (RM-717)	
1-501-335-11	ANTENNA, TELESCOPIC (AN-18)	
1-513-379-00	CONVERTER (EAC-25)	
*4-374-990-01	CUSHION (UPPER) (ASSY)	
*4-374-991-01	CUSHION (LOWER) (ASSY)	
4-378-262-01	BAG, PROTECTION	
*4-382-565-01	INDIVIDUAL CARTON	
4-482-357-21	MANUAL, INSTRUCTION	

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KV-B26R

SONY
SERVICE MANUAL

Canadian Model
Serial No. 5,001,001 and later
Chassis No. SCC-552-Y-B

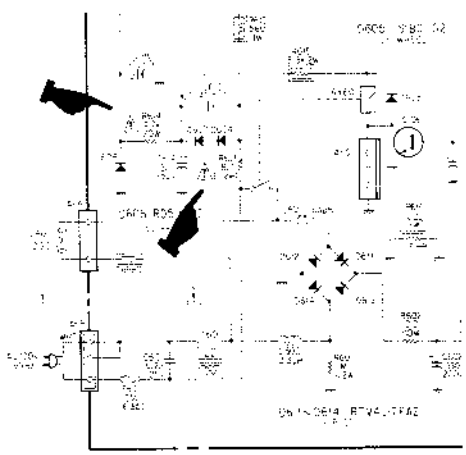
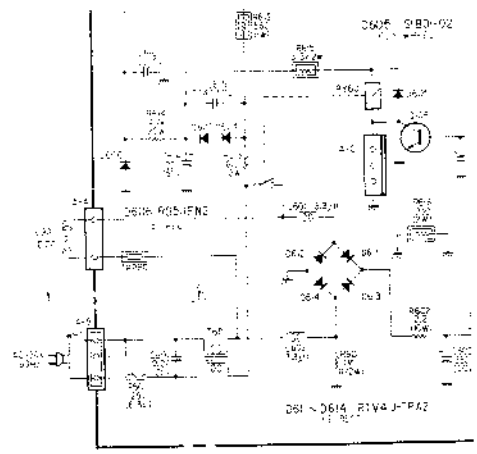
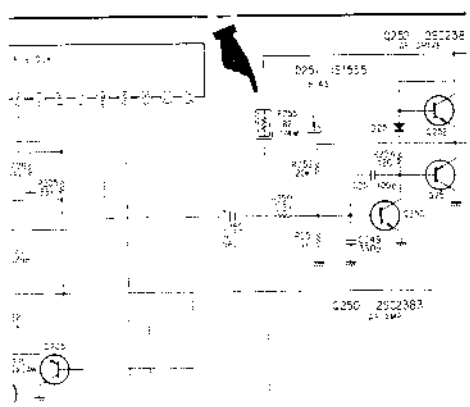
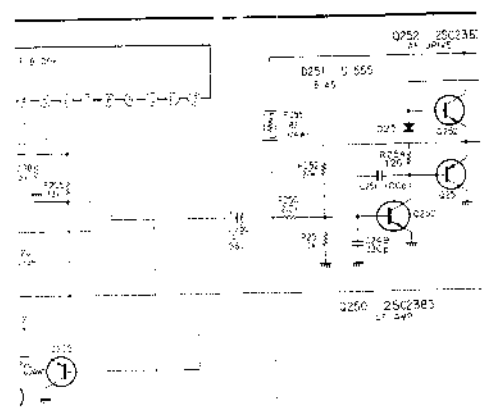
No. 1

CORRECTION

Correct the service manual shown below.
File this correction with the service manual and supplement No. 1.

: Corrected Portion

- SCHEMATIC DIAGRAM (A Board): Pages 19, 21 Service Manual
- SCHEMATIC DIAGRAM (A Board): Pages 7, 9 Supplement No. 1

Correct	Incorrect
	
	

MICROFILM

CTV

- **ELECTRICAL PARTS LIST: Pages 31, 32 Service Manual**
- **ELECTRICAL PARTS LIST: Pages 16, 17 Supplement No. 1**

Correct							Incorrect						
R255	⚠ 1-247-699-51	CARBON	82	5%	1/4W	F	R255	1-247-699-11	CARBON	82	5%	1/4W	F
R261	1-202-359-17	SOLID	100	5%	1/4W		R261	1-202-359-17	SOLID	100	5%	1/4W	
R301	1-214-769-00	METAL	47K	1%	1/4W		R301	1-214-769-00	METAL	47K	1%	1/4W	
R303	1-247-712-11	CARBON	820	5%	1/4W		R303	1-247-712-11	CARBON	820	5%	1/4W	
R304	1-247-706-11	CARBON	330	5%	1/4W		R304	1-247-706-11	CARBON	330	5%	1/4W	
R607	⚠ 1-247-696-51	CARBON	47	5%	1/4W	F	R607	⚠ 1-247-696-51	CARBON	47	5%	1/4W	F
R610	1-215-897-11	METAL OXIDE	6.8K	5%	2W	F	R610	1-215-897-11	METAL OXIDE	6.8K	5%	2W	F
R612	⚠ 1-216-431-51	METAL OXIDE	560	5%	1W	F	R612	⚠ 1-216-431-51	METAL OXIDE	560	5%	1W	F
R613	⚠ 1-207-474-11	WIREWOUND	8.2	10%	1/2W		R613	1-207-474-00	WIREWOUND	8.2	10%	1/2W	
R614	⚠ 1-205-744-11	CEMENTED	4.7K	5%	20W		R614	1-205-744-11	CEMENTED	4.7K	5%	20W	

9-963-715-93

Sony Corporation
TV Group

English
87HE0509-1
Printed in Japan

- **ELECTRICAL PARTS LIST: Pages 31, 32 Service Manual**
- **ELECTRICAL PARTS LIST: Pages 16, 17 Supplement No. 1**

Correct							Incorrect						
R255	⚠ 1-247-699-51	CARBON	82	5%	1/4W	F	R255	1-247-699-11	CARBON	82	5%	1/4W	F
R261	1-202-359-17	SOLID	100	5%	1/4W		R261	1-202-359-17	SOLID	100	5%	1/4W	
R301	1-214-769-00	METAL	47K	1%	1/4W		R301	1-214-769-00	METAL	47K	1%	1/4W	
R303	1-247-712-11	CARBON	820	5%	1/4W		R303	1-247-712-11	CARBON	820	5%	1/4W	
R304	1-247-706-11	CARBON	330	5%	1/4W		R304	1-247-706-11	CARBON	330	5%	1/4W	
R607	⚠ 1-247-696-51	CARBON	47	5%	1/4W	F	R607	⚠ 1-247-696-51	CARBON	47	5%	1/4W	F
R610	1-215-897-11	METAL OXIDE	6.8K	5%	2W	F	R610	1-215-897-11	METAL OXIDE	6.8K	5%	2W	F
R612	⚠ 1-216-431-51	METAL OXIDE	560	5%	1W	F	R612	⚠ 1-216-431-51	METAL OXIDE	560	5%	1W	F
R613	⚠ 1-207-474-11	WIREWOUND	8.2	10%	1/2W		R613	1-207-474-00	WIREWOUND	8.2	10%	1/2W	
R614	⚠ 1-205-744-11	CEMENTED	4.7K	5%	20W		R614	1-205-744-11	CEMENTED	4.7K	5%	20W	

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12. Correct with the magnet if the landing in the corners cannot be adjusted. (See Fig. 3-5.)
13. Clamp the clamping band to fix the deflection yoke after deciding its position.

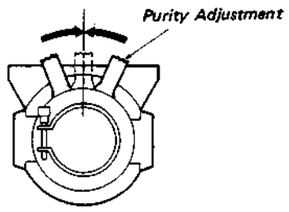


Fig. 3-3

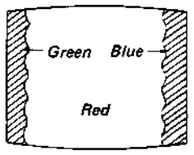


Fig. 3-4

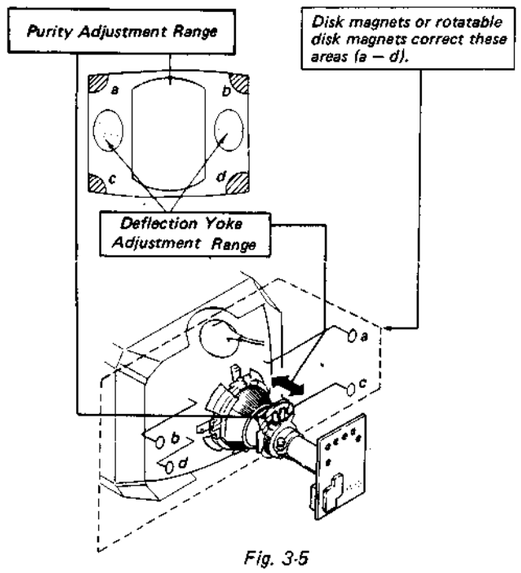


Fig. 3-5

3-2. CONVERGENCE

Preparation:

Roughly adjust the V·SIZE and focus.

(1) Horizontal and Vertical Static Convergence

1. Receive a dot signal using a pattern generator.
2. Rotate the BRIGHTNESS control to the minimum position and the PICTURE control to NORMAL.
3. Overlap the R and B dots in a horizontal direction in the center of the picture using the H·STAT VR knob. (See Fig. 3-6.)
4. Overlap the R and B dots in a vertical direction in the center of the picture using the V·STAT magnet (4-pole ring magnet). (See Fig. 3-7.)

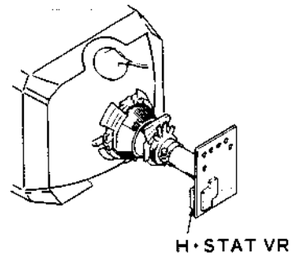


Fig. 3-6

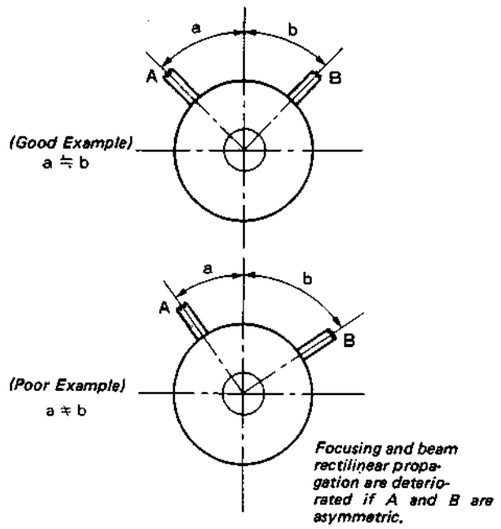


Fig. 3-7

5. Overlap the R and B·G dots in horizontal and vertical directions in the center of the picture using the HMC and VMC magnets (6-pole ring magnets). Adjust the correction amounts of the R and B·G dots by the opening angle of the magnets. Adjust the direction by rotating the two magnets simultaneously. (See Fig. 3-8.)

NOTE: If the H·CENT tap is changed over after adjusting H·STAT, readjust H·STAT.

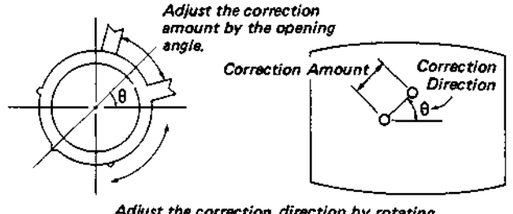


Fig. 3-8

(2) Dynamic Convergnece Adjustment

Preparation:

Before stating, perform Horizontal and Vertical Static Convergence Adjustment.

1. Loosen the Clamping Band of deflection yoke.
2. Adjust the cross tilt misconvergence at the H and V axis ends in the picture to the best condition by oscillating the deflection yoke. (See Fig. 3-9.)

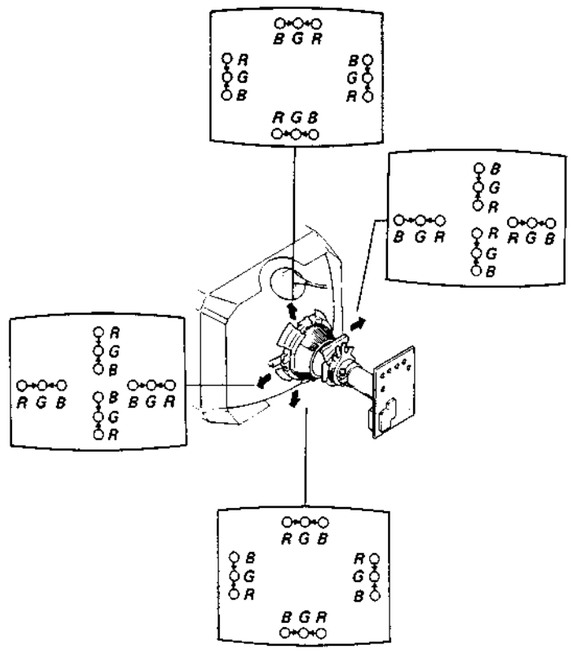


Fig. 3-9

3. Fix the deflection yoke by driving three wedges between the deflection yoke and picture tube funnel.
4. Correct with Permalloy if the peripheral convergence cannot be corrected. (See Fig. 3-10.)

- Paint-lock each magnet after finishing adjustment so that the magnets can not move.

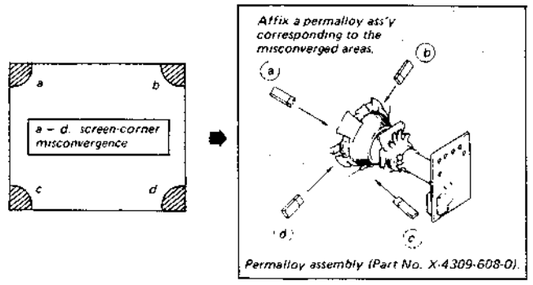


Fig. 3-10

3-3. FOCUS ADJUSTMENT

Adjust FOCUS control (RV707) for a best picture.

3-4. WHITE BALANCE ADJUSTMENT

[SCREEN (G2)]

1. Receive a dot signal using a pattern generator.
2. Rotate the BRIGHTNESS control to the minimum position and the PICTURE control to NORMAL.
3. Adjust BKG VRs (RV701, RV703, and RV705) so that voltages on the red, green and blue cathodes are 160 V dc with an oscilloscope as shown in Fig. 3-11.
4. Observe the screen and adjust SCREEN (RV706) to obtain the faintly visible background of dot signal. Note the color that first becomes visible by turning SCREEN VR.

   Do not turn a BKG control for this color.

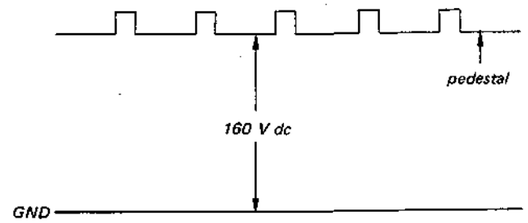
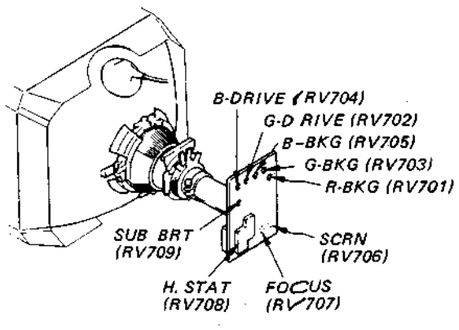


Fig. 3-11

[WHITE BALANCE]

1. Receive an all-white signal using a pattern generator.
2. Rotate the PICTURE control to NORMAL and the BRIGHTNESS control to the CLICK position.
3. Observe the screen and adjust the other two BKG VRs for best white balance.
4. Rotate the PICTURE control to maximum.
5. Observe the screen and adjust the DRIVE VRs (RV702, RV704) for best white balance.
6. Repeat steps 2 through 5 several times.



SECTION 6
EXPLODED VIEW

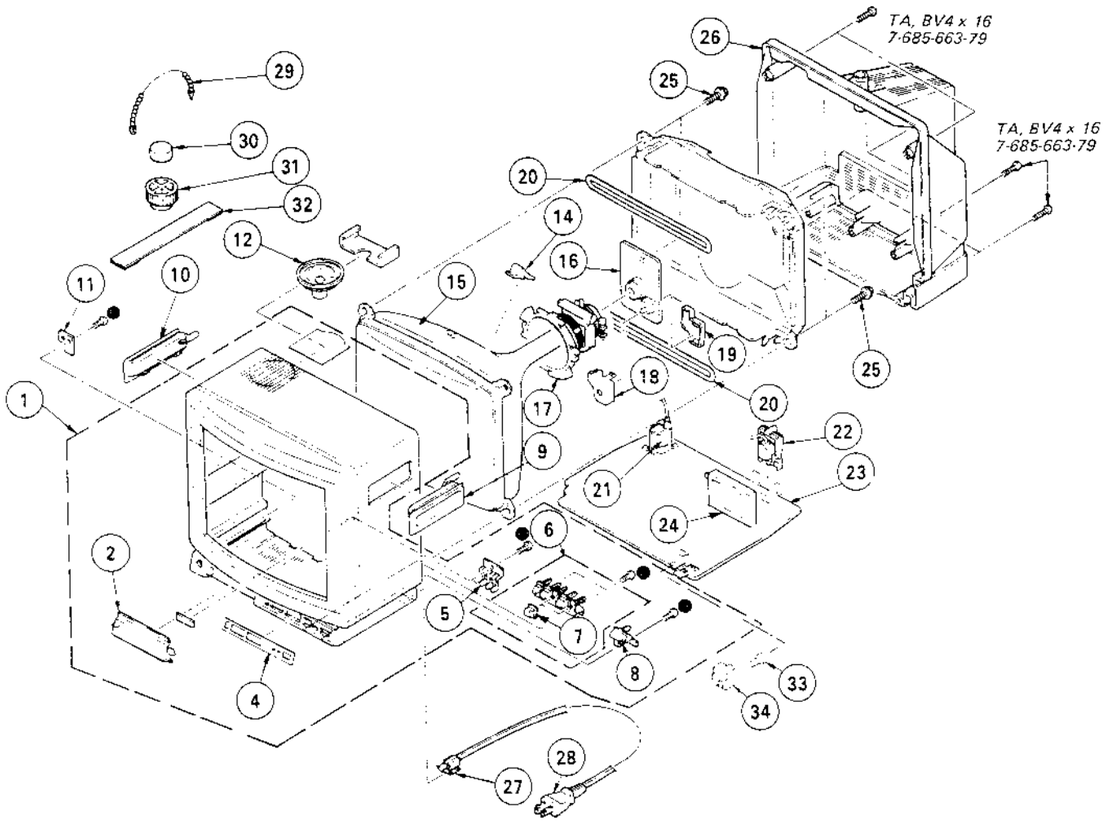
NOTE:
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The construction parts of an assembled part are indicated with a collation number in the remark column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

6-1. CHASSIS

●: TA, BV3 x 12 7-685-648-79



No.	Part No.	Description	Remark
1	X-4376-579-3	BEZEL ASSY	2-S
2	X-4376-566-3	DOOR ASSY, CONTROL	
4	4-382-544-11	WINDOW, TUNING	
5	4-374-950-01	PUSH BUTTON	
6	X-4376-530-2	BUTTON ASSY	
7	4-374-926-41	PUSH BUTTON	
8	4-374-953-21	BUTTON, POWER	
9	4-374-920-81	HANDLE (RIGHT)	
10	4-374-921-91	HANDLE (LEFT)	
11	*1-618-955-11	K BOARD	
12	1-503-344-21	SPEAKER	
13	1-452-277-00	MAGNET, BMC	
14	3-703-961-01	SPACER, DY	
15	⚠8-735-553-75	CRT (A34JBU10X)	
16	A-1330-601-A	C BOARD, COMPLETE	
17	⚠1-451-234-12	DEFLECTION YOKE (SY-125A)	
18	*4-374-912-01	COVER (MAIN), CV VOL	
19	*4-374-913-01	COVER (REAR LID), CV VOL	
20	⚠1-426-146-31	COIL, DEMAGNETIZATION	
21	⚠1-439-314-21	TRANSFORMER ASSY, FLYBACK	
22	⚠1-537-039-11	TERMINAL BOARD ASSY, ANTENNA	
23	A-1296-381-A	A BOARD, COMPLETE	
24	⚠1-463-603-11	TUNER, ET (BTP-201)	
25	4-307-249-00	SCREW TAPPING (5X20)	
26	4-385-038-11	COVER, BACK	
27	⚠4-022-115-01	HOLDER, AC CORD	
28	⚠1-559-396-11	CORD, POWER	
29	4-308-870-00	CLIP, LEAD WIRE	
30	1-452-032-00	MAGNET, DISK; 10MM ϕ	
31	1-452 094-00	MAGNET, ROTATABLE DISK; 15MM ϕ	
32	X-4309-608-0	PERMALLOY ASSY, CONVERGENCE	
33	*4-374-987-01	GUIDE, LIGHT	
34	*4-374-988-01	BRACKET, LIGHT GUIDE	

SECTION 7
ELECTRICAL PARTS LIST

Serial No. 5,001,001 and later

Ref.No.	Part No.	Description	Remark
	* A-1296-308-A	A BOARD COMPLETE ********** (Page 14)	
		CAPACITOR	
C258	1-108-794-91	MYLAR 0.0015MF 5% 50V	
C542	1-108-835-00	MYLAR 0.0068MF 10% 50V	
		DIODE	
D101	8-719-911-19	DIODE 1SS119	
D104	8-719-911-19	DIODE 1SS119	
D105	8-719-911-19	DIODE 1SS119	
D106	8-719-911-19	DIODE 1SS119	
D107	8-719-911-19	DIODE 1SS119	
D110	8-719-911-19	DIODE 1SS119	
D251	8-719-911-19	DIODE 1SS119	
D303	8-719-911-19	DIODE 1SS119	
D403	8-719-911-19	DIODE 1SS119	
D505	8-719-911-19	DIODE 1SS219	
D514	8-719-901-93	DIODE V19E	
D606	8-719-911-55	DIODE U05G	
		RESISTOR	
R606	⚠1-205-700-11	CEMENTED 200 5% 20W	
		THERMISTOR	
TH301	1-803-945-00	THERMISTOR 8-10K	
		TUNER	
TU101	⚠1-463-603-11	TUNER, ET (BTP-201)	
		MISCELLANEOUS (Page 18)	
V901	⚠8-735-533-05	CRT (A34JBU10X)	
		ACCESSORIES AND PACKING MATERIALS (Page 19)	
	Part No.	Description	
	1-501-225-11	ANTENNA, TELESCOPIC (AN-18)	
	4-382-565-01	INDIVIDUAL CARTON	

Serial No. 8,000,001 and later

Ref.No.	Part No.	Description	Remark
	*A-1296-308-A	A BOARD COMPLETE **********	
		CAPACITOR	
C258	1-130-473-00	MYLAR 0.0015MF 5% 50V	
C542	1-130-481-00	MYLAR 0.0068MF 10% 50V	
		DIODE	
D101	8-719-815-55	DIODE 1S1555	
D104	8-719-815-55	DIODE 1S1555	
D105	8-719-815-55	DIODE 1S1555	
D106	8-719-815-55	DIODE 1S1555	
D107	8-719-815-55	DIODE 1S1555	
D251	8-719-815-55	DIODE 1S1555	
D303	8-719-815-55	DIODE 1S1555	
D403	8-719-815-55	DIODE 1S1555	
D505	8-719-815-55	DIODE 1S1555	
D514	8-719-918-77	DIODE V19G	
D606	8-719-109-95	DIODE RD5.1ES-B2	
		RESISTOR	
R606	⚠1-205-700-21	CEMENTED 200 5% 20W	
		THERMISTOR	
TH301	1-807-796-11	THERMISTOR	
		TUNER	
TU101	⚠1-463-771-11	TUNER, ET (BTP-201A)	
		MISCELLANEOUS **********	
V901	⚠8-735-553-75	CRT (A34JBU10X)	
		ACCESSORIES AND PACKING MATERIALS	
	Part No.	Description	
	1-501-272-21	ANTENNA, TELESCOPIC	
	4-385-067-01	INDIVIDUAL CARTON	

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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SONY
SERVICE MANUAL

Canadian Model
Chassis No. SCC-754Y-A
Chassis No. SCC-754Y-B

CORRECTION-2

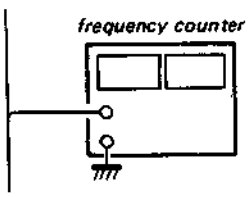
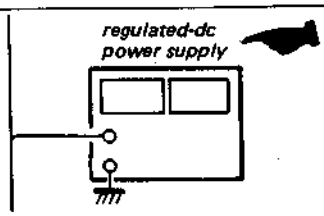
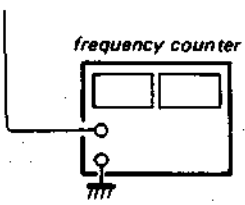
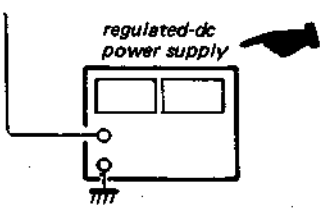
Correct the service manual as shown below.
File this correction with the service manual.

☛: indicates corrected portion

COVER: Page 1 of Supplement No. 1

Incorrect	Correct
Canadian Model *Serial No. 5,001,001 and later* *Chassis No. SCC-552Y-B* No. 1	*Canadian Model* *Serial No. 2,000,001 and later* ☛ *Serial No. 5,000,532 and later* *Serial No. 8,000,001 and later* ☛ *Chassis No. SCC-754O-B* No. 1

4-3. SAFETY RELATED ADJUSTMENT: Page 14 of Service Manual.

Incorrect	Correct
	 ☛
	 ☛

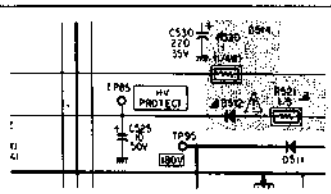
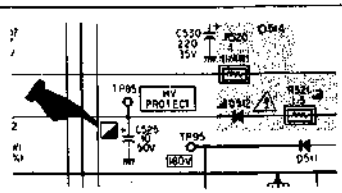
MICROFILM

CTV

Serial No. 2,000,001 and later
Serial No. 5,000,532 and later
Serial No. 8,000,001 and later

Incorrect	Correct
☒ R524 ◪ R521, R522, R523, R524, R530, R534, C307, C524, D502, D512, T503, IC301	☒ R524 ◪ R521, R522, R523, R524, R530, R534, C307, C524, C525, D502, D512, T503, IC301
1) Receive the dot signal PICTURE VR . . . . . MIN BRIGHT VR . . . . . MIN	1) Receive the dot signal PICTURE VR . . . . MIN BRIGHT VR . . . . MIN
2) +B voltage check Confirm that the +B voltage 135V LINE is less than 136.2 V dc during input of 130^{+3}_{-0} V ac.	2) +B voltage check Confirm that the +B voltage 135V LINE is less than 136.33V dc during input of $130^{+2.0}_{-0}$ V ac.
3) Protector voltage check Confirm that a voltage of $20.0^{+1.3}_{-1.3}$ V dc appears between TP85 and ground during input of $120^{+1.0}_{-0}$ V dc between TP85 and ground.	3) Protector voltage check Confirm that a voltage of 20.0±1.5V dc appears between TP85 and ground during input of $120^{+1.0}_{-0}$ V ac between TP85 and ground.
4) Operation check Confirm that the hold-down circuit operates (the raster dissapears) by less than 22.75V dc between TP85 and ground.	4) Operation check Confirm that the hold-down circuit operates (the raster dissapears) by less than 23.08V dc between TP85 and ground.
5) Receive the dot signal.	5) Receive the dot signal.
6) Input of $120^{+1.0}_{-0}$ V ac.	6) Short IC601 pins (3) and (4).
7) Error operation check Confirm that, applying 139 ±0.5V dc to +B voltage (135V LINE), the hold-down circuit does not operate when changing the channel.	7) Input of $120^{+1.0}_{-0}$ V ac. 8) Error operation check Confirm that, applying 139 ±0.5V dc to +B voltage (135V LINE), the hold-down circuit does not operate when changing the channel.
CHECK AFTER IC601 REPLACEMENT	**CHECK AFTER IC601 REPLACEMENT**
1. Supply 130^{+3}_{-0} V ac to with variable auto-transformer. 2. Receive the dot signal. 3. PICTURE VR . . . . . MIN BRIGHT VR . . . . . MIN 4. Confirm that the +B voltage (at TP91) is less than 136.2V dc. 5. If step 4 is not satisfied, replace IC601 in A board and repeat above steps.	1. Supply 130^{+3}_{-0} V ac to with variable auto-transformer. 2. Receive the dot signal. 3. PICTURE VR . . . . . MIN BRIGHT VR . . . . . MIN 4. Confirm that the +B voltage (at 135V LINE) is less than 136.33V dc. 5. If step 4 is not satisfied, replace IC601 in A board and repeat above steps.

5-3. SCHEMATIC DIAGRAMS: Page 7 – 10 of Supplement No. 1

Incorrect	Correct
When replacing the part in below table, be sure to perform the related adjustment.	When replacing the part in below table, be sure to perform the related adjustment.
Part replaced (◪) / Adjustment (☒) R521, R522, R523, R524, R530 T503, IC301 R534, C307, C524, D502, D512 / R524	Part replaced (◪) / Adjustment (☒) R521, R522, R523, R524, R530, T503, IC301, R534, C307, C525, D502, D512 / R524
	

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SONY
SERVICE MANUAL

Canadian Model

Serial No. 8,000,001 and later
Chassis No. SCC-552Y-B

No. 2

SUPPLEMENT

SUBJECT: SET-UP ADJUSTMENT MODIFICATION SO ON

File this supplement with the service manual.

INTRODUCTION

1. SECTION 3
   SET-UP ADJUSTMENTS

2. SECTION 6
   EXPLODED VIEW

3. SECTION 7
   ELECTRICAL PARTS LIST

CTV

SECTION 3

SET-UP ADJUSTMENTS
(Adjusting Magnetizing-system ITC Picture Tube for Repair)

The magnetizing-system ITC (Integrated Tube Component) does not have a function to adjust the purity static convergence. Therefore, the cylindrical magnet attached to the deflection yoke has to be replaced with a 2.4.6-pole magnet at the same time when a picture tube is replaced.

The replacement and adjusting methods are described below.

- These adjustments should be performed with rated power supply voltage unless otherwise noted.
- Controls and switch should be set as follows unless otherwise noted:
  PICTURE control . . . . . normal position
  BRIGHTNESS control . . . . . click position

Perform the adjustments in order as follows:

1. Beam Landing
2. Convergence
3. Focus
4. White Balance

Note: Test Equipment Required.
1. Color-bar/Pattern Generator
2. Degausser
3. Oscilloscope

Preparations

1. Remove the clamping band from the deflection yoke and dismount the cylindrical magnet.
2. Mount the replacement parts and clamping band, which are contained in the package box containing the picture tube, in the position from which the cylindrical magnet was removed. (See Fig. 3-1.)

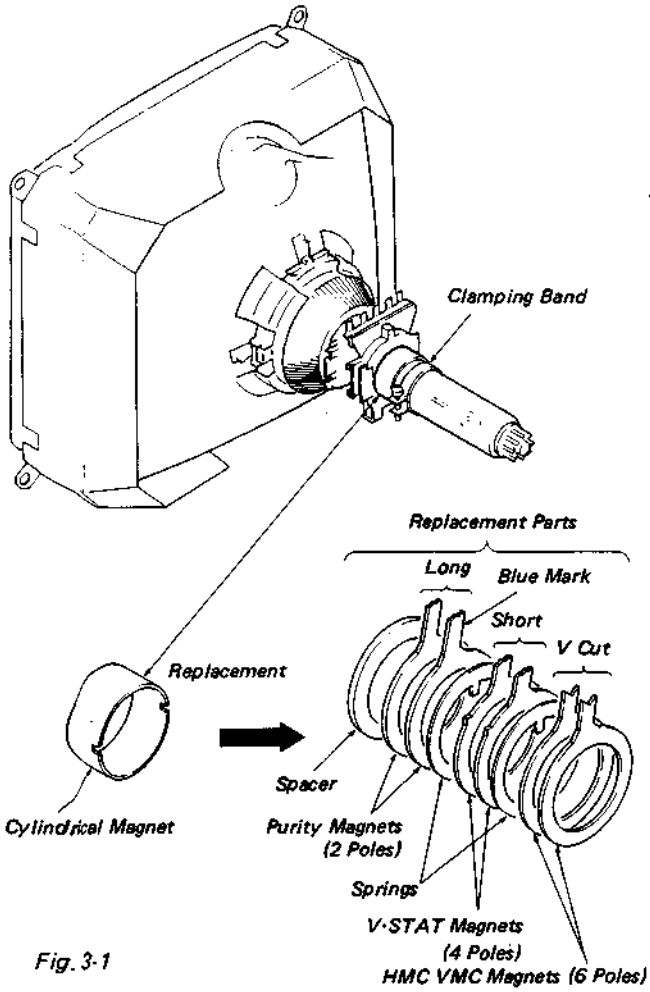

Fig. 3-1

3. Insert the deflection yoke into the picture tube.

3-1. BEAM LANDING

1. Face the set picture tube surface toward east or west to reduce the effects of terrestrial magnetism.
2. Reduce the magnetism of each correction magnet in the replacement parts to zero field. (See Fig. 3-2.)

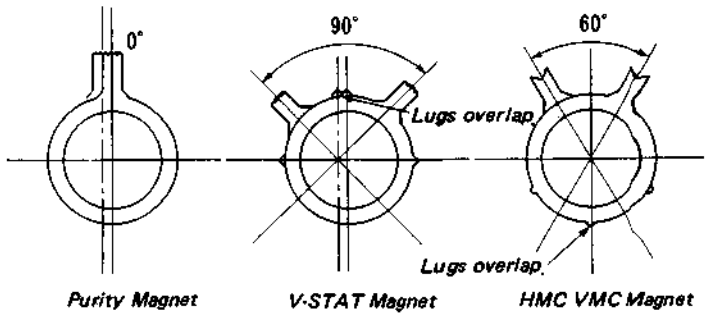

Fig. 3-2

3. Receive an all-white signal using a pattern generator.
4. Turn the set POWER switch on and demagnetize using a degausser.
5. Rotate the PICTURE control to NORMAL and the BRIGHTNESS control to the CLICK position.
6. Roughly adjust the white balance, screen, and convergence.
7. Rotate the red BKG VR (RV701) to the maximum position and the green and blue BKG VRs to the minimum positions.
8. Slide the deflection yoke backward to show red in the picture center and adjust the purity magnet to obtain a horizontal symmetry. (See Figs. 3-3, 3-4, and 3-5.)
9. Slide the deflection yoke forward to show red only throughout the picture.
10. Substitute green, then blue for red in step 7 and check landing.
11. Rotate red, green and blue once each and check landing.

KV-1326R
RM-717

SONY
SERVICE MANUAL

Canadian Model
Serial No. 5,001,001 and later
Chassis No. SCC-552Y-B
No. 1

SUPPLEMENT

SUBJECT: A/V CIRCUIT DELETED

File this supplement with the service manual.

TABLE OF CONTENTS

Section	*Title*	*Page*
5.	**DIAGRAMS**	
5-1.	Circuit Boards Location	3
5-2.	Block Diagram	4
5-3.	Schematic Diagram	7
5-4.	Printed Wiring Boards	11
7.	**ELECTRICAL PARTS LIST**	14

CTV

WARNING !!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS.
THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING !!

COMPONENTS IDENTIFIED BY SHADING AND MARK ⚠ ON THE SCHEMATIC DIAGRAMS, EXPLODED VIEWS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL TO SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION!!

AFIN D'EVITER TOUT RISQUE D'ELECTROCUTION PROVENANT D'UN CHÂSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE.
LE CHÂSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS À LA SÉCURITÉ!!

LES COMPOSANTS IDENTIFIÈS PAR UNE TRAME ET PAR UNE MARQUE ⚠ SUR LES SCHÉMAS DE PRINCIPE, LES VUES EXPLOSÉES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMÉRO DE PIÉCE EST INDIQUÉ DANS LE PRÉSENT MANUEL OU DANS DES SUPPLÉMENTS PUBLIÉS PAR SONY. LES RÉGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SÉCURITÉ DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRÉSENT MANUEL. SUIVRE CES PROCÉDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONCTIONNEMENT EST SUSPECTÉ.

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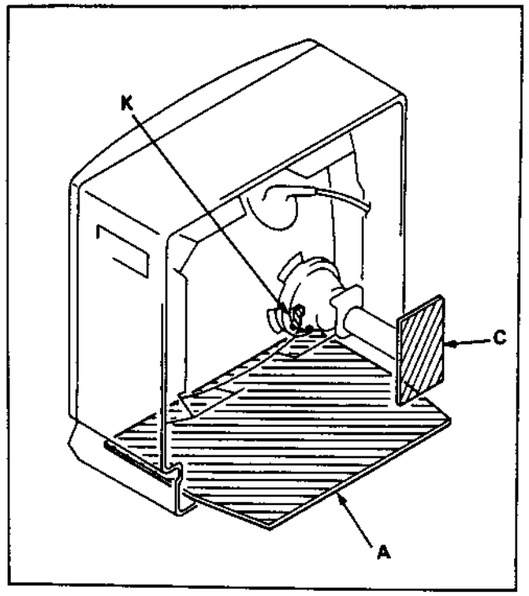
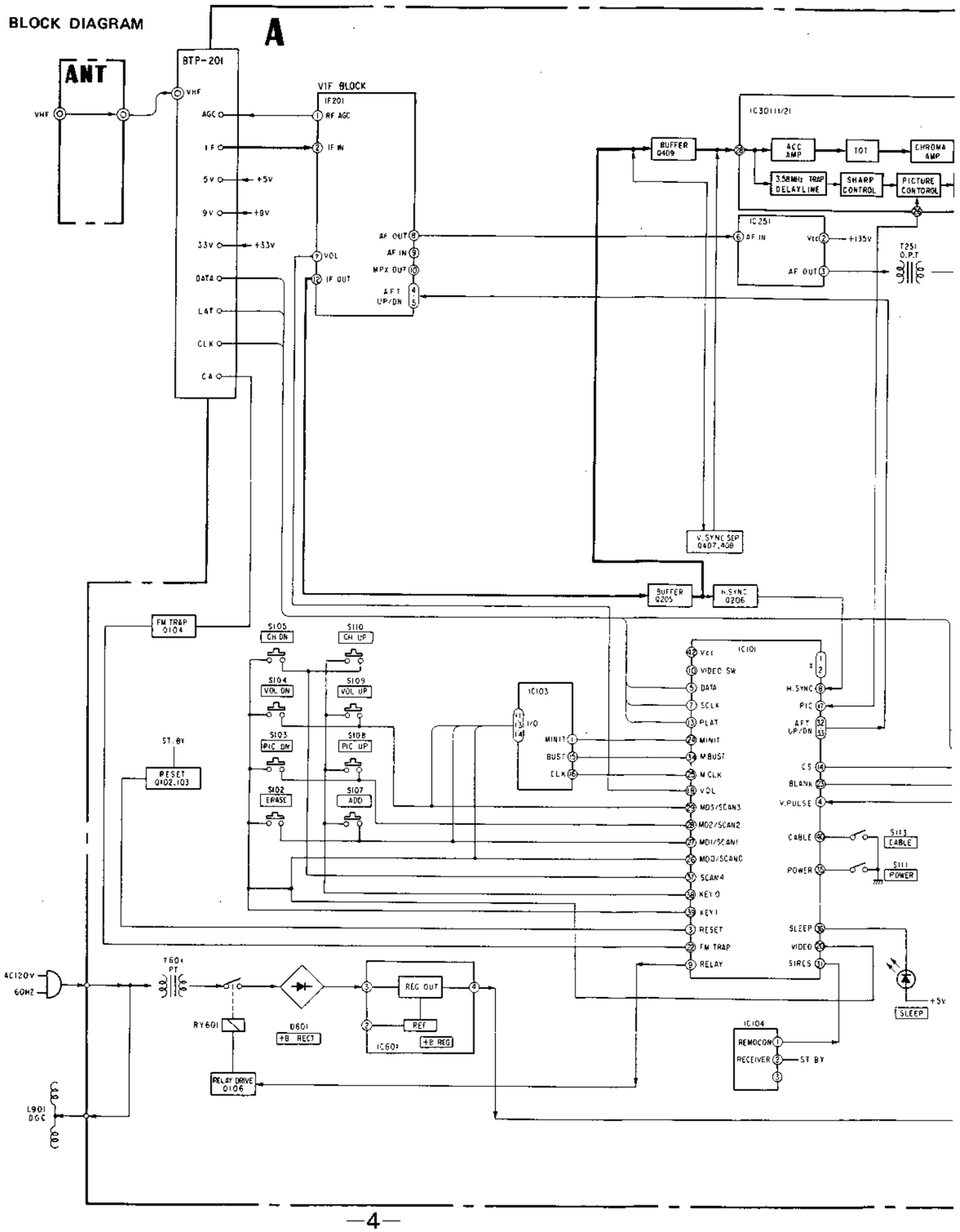
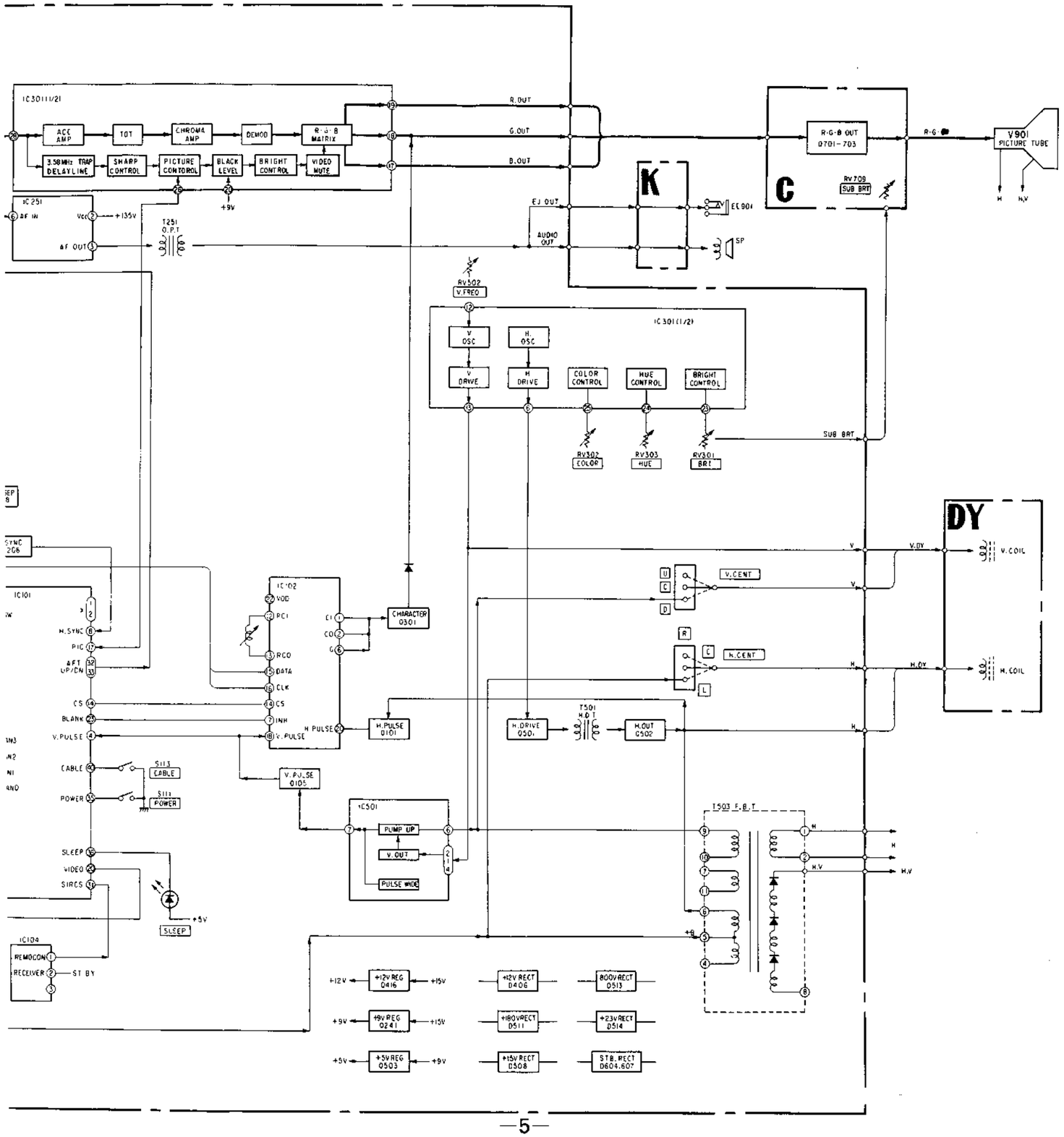
SECTION 5
DIAGRAMS

5-1. CIRCUIT BOARDS LOCATION



5-2. BLOCK DIAGRAM




IC3011/21
ACC AMP
TOT
CHROMA AMP
DEMOD
R-G-B MATRIX
3.58MHz TRAP DELAY LINE
SHARP CONTROL
PICTURE CONTROL
BLACK LEVEL
BRIGHT CONTROL
VIDEO MUTE
+9V
R.OUT
G.OUT
B.OUT
IC251
AF IN
Vcc
+13.5V
AF OUT
T251 O.P.T
EJ OUT
AUDIO OUT
K
EE901
SP
C
R-G-B OUT 0701~703
RV709 SUB BRT
R-G-B
V901 PICTURE TUBE
H
H.V
RV502 V.FREQ
IC301(1/2)
V OSC
H. OSC
V DRIVE
H DRIVE
COLOR CONTROL
HUE CONTROL
BRIGHT CONTROL
SUB BRT
RV302 COLOR
RV303 HUE
RV301 BRT
DY
V
V.DY
V.COIL
V.CENT
H
H.DY
H.COIL
H.CENT
IC101
H.SYNC
PIC
AFT UP/DN
CS
BLANK
V.PULSE
CABLE
POWER
SLEEP
VIDEO
SIRCS
S113 CABLE
S111 POWER
+5V
SLSEP
IC104
REMOCON
RECEIVER
ST BY
IC102
VDD
RCI
RCO
DATA
CLK
CS
INH
H.PULSE
V.PULSE
CHARACTER 0301
H.PULSE 0101
V.PULSE 0105
IC501
PUMP UP
V.OUT
PULSE WIDE
H.DRIVE Q501
T501 H.O.T
H.OUT Q502
T503 F.B.T
+B
+12V REG Q416
+9V REG Q241
+5V REG Q503
+12V RECT D406
+180V RECT D511
+15V RECT D508
800V RECT D513
+23V RECT D514
STB. RECT D604,607

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5-3. SCHEMATIC DIAGRAM

Note:

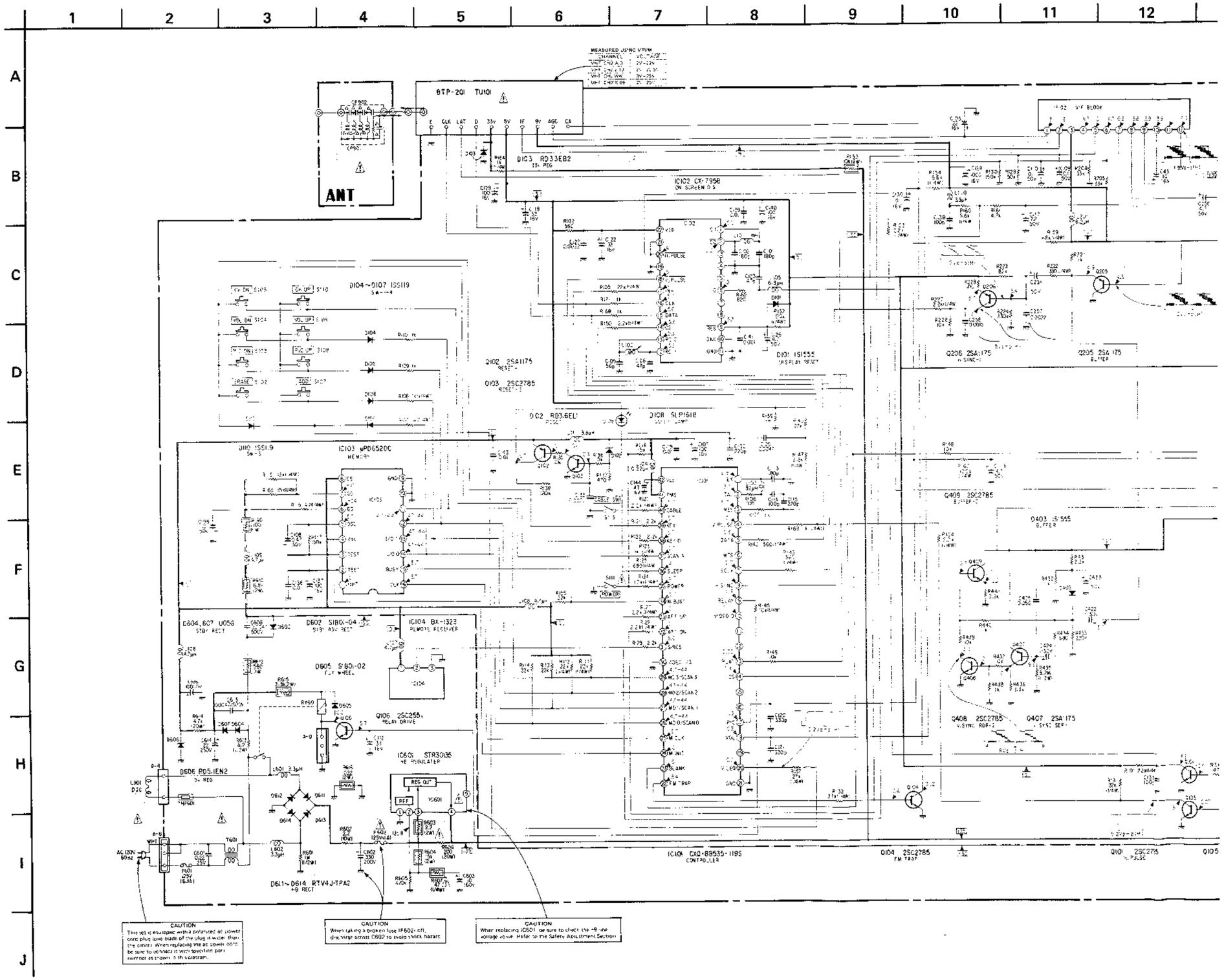
- All capacitors are in μF unless otherwise noted. 50 WV or less are not indicated except for electrolytics.
  p: μμF
- All resistors are in ohms, 1/6 W unless otherwise noted.
  k: 1000 Ω, M: 1000 kΩ
- Δ : internal component.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- : nonflammable resistor.
- : panel designation.
- When replacing components identified by ◪, make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by ⊠ and repeat the adjustment until the specified value is achieved.
  When replacing the part in below table, be sure to perform the related adjustment.

Part replaced (◪)	Adjustment (⊠)
R521, R522, R523, R524, R530 T503, IC301 R534, C307, C524, D502, D512	R524

- : adjustment for repair.
- All voltages are in V.
- : B+ bus.
- : B− bus.
- Voltages are dc with respect to ground unless otherwise noted.
- Readings are taken with a 10 MΩ digital multimeter.
- Readings are taken with a color-bar signal input.
- : signal path.

Note: The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Note: Les composants identifiés par un tramé et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



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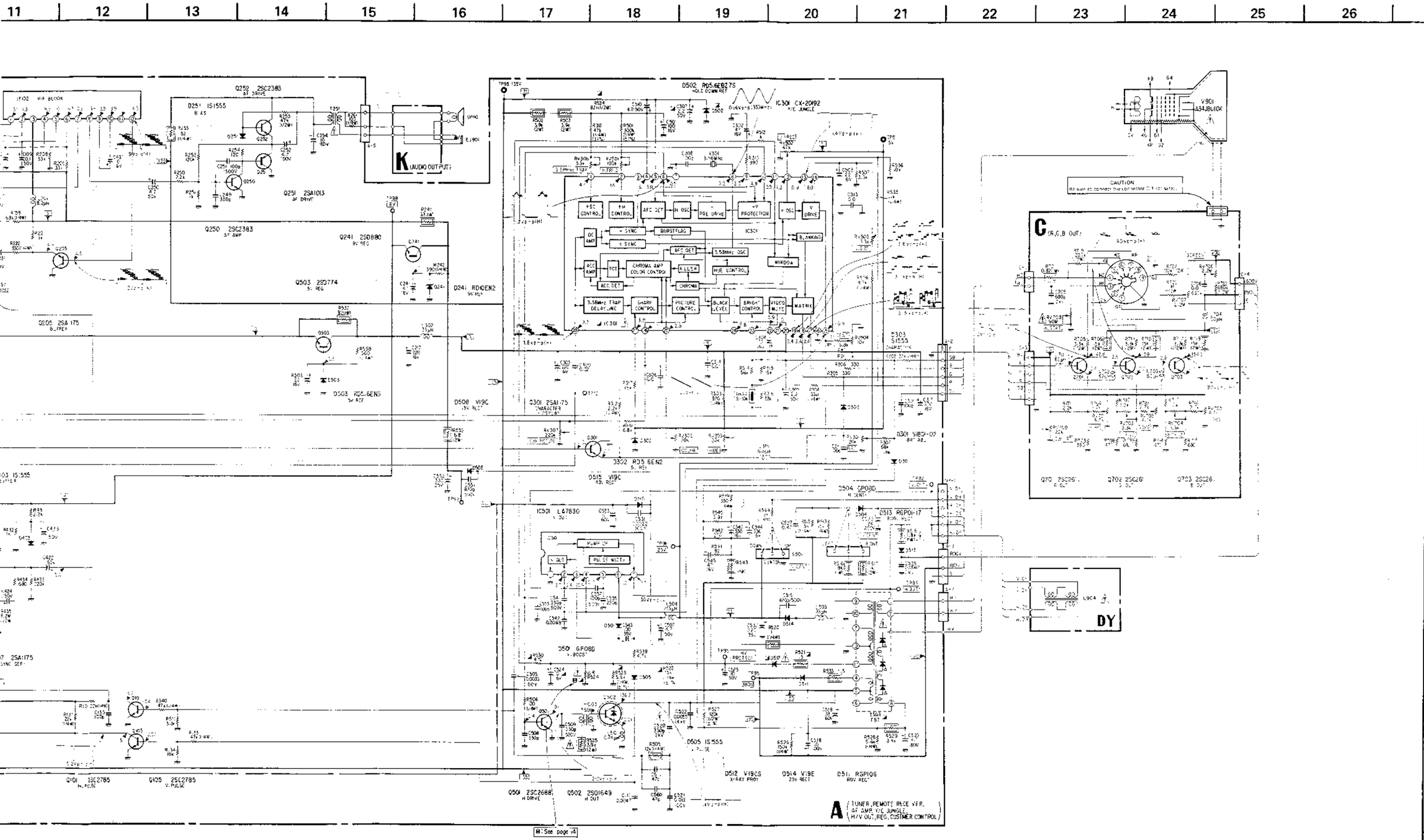
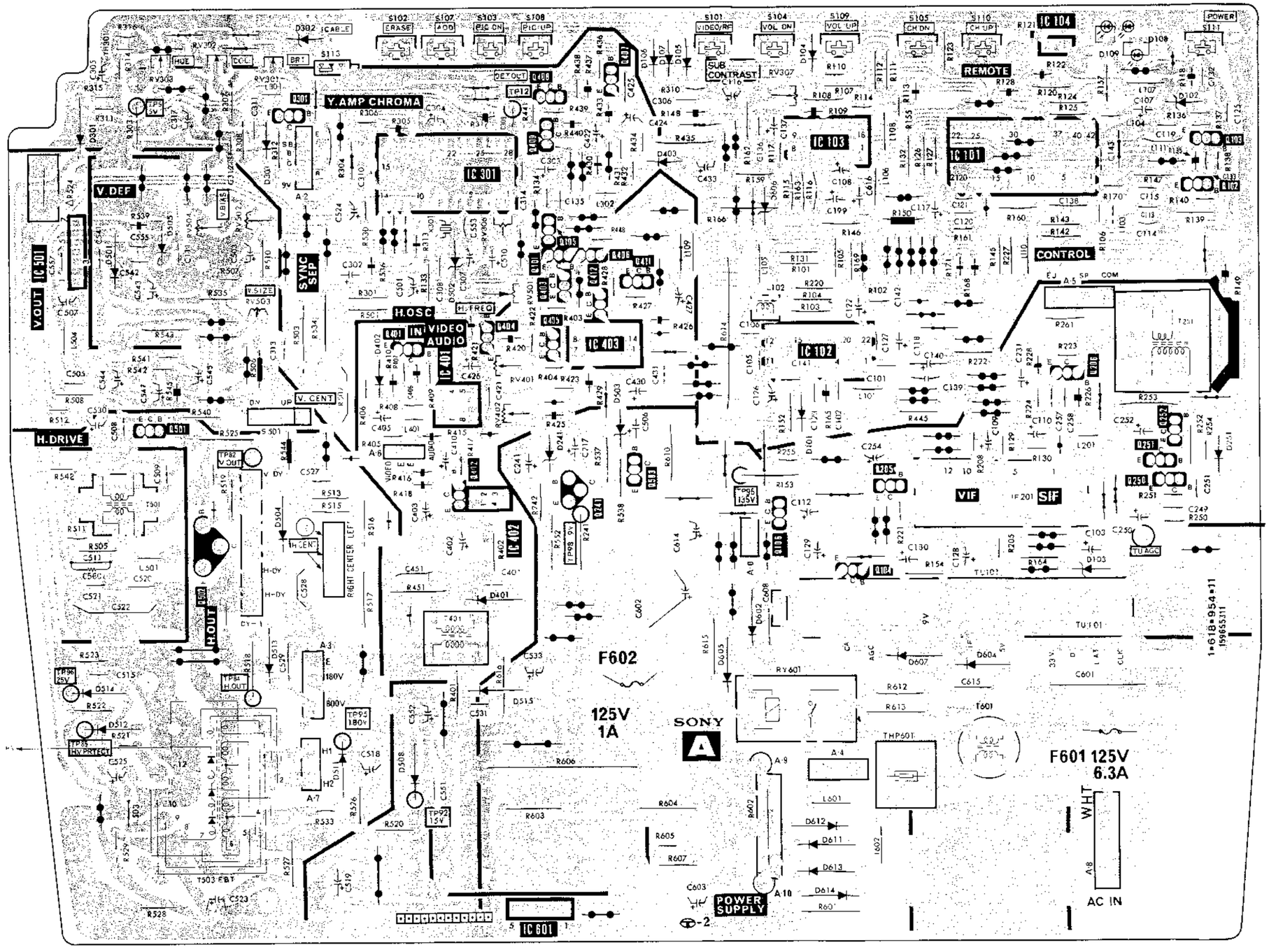


5-4. PRINTED WIRING BOARDS
– Conductor Side –

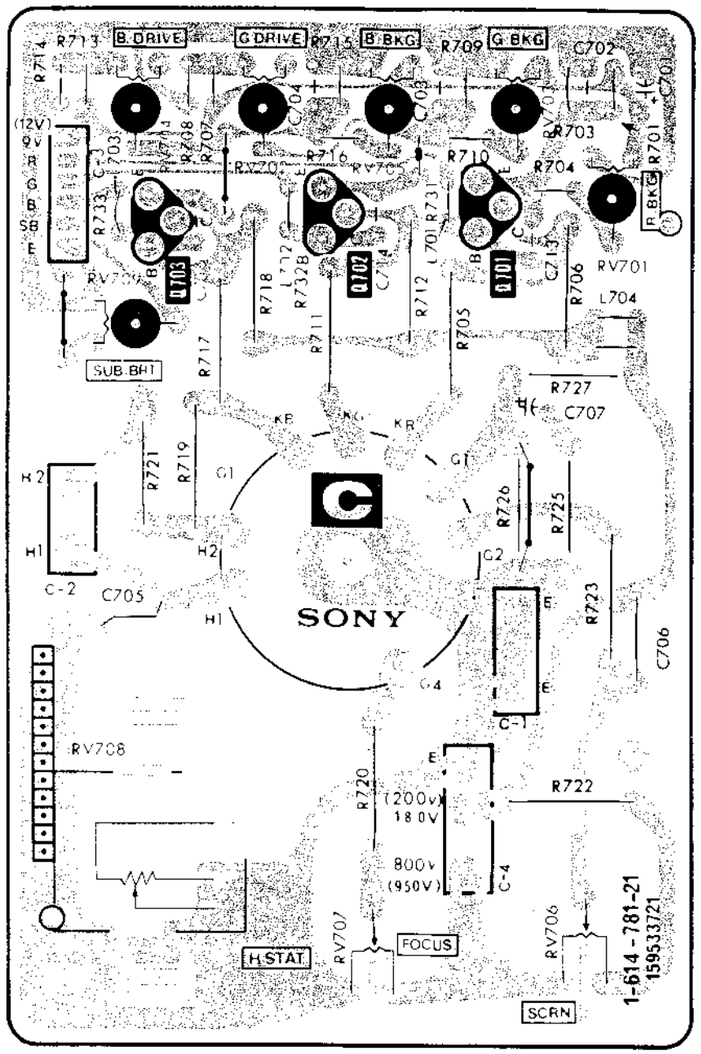
A [TUNER, REMOTE RECEIVER, AF AMP, Y/C JUNGLE, V OUT, REG

– A Board –

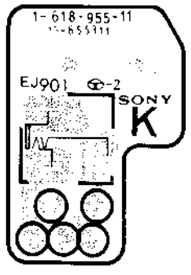


Q	IC	D	ADJ	TP
	IC104	108		
		302		
		109		
		107-105	RV303	
		104	-30	
407				95
408		.02		12
301		304		
409	103	303		
	IC103	403		
	IC101			
IC301				
	102			
		606		
			RV502	
105		505	RV504	
101			RV306	
IC501		502		
406		501		
	411			
403			RV501	
	412			
			RV503	
404				
401	405			
	IC403		RV40.	
	IC102			
	206	402		
	C401		RV402	
501				
	252	101		
		503		
		241		
503		251		
	251			82
402	250			95
241	205			
	IC402			
	106	504		98
502				
	104	103		
		401		
		602		
		513 607		
		604		
		605		
		5 4 515		96
				84
		512		85
				95
		511		
		508		
				92
		612		
		611		
		613		
		614		
IC601				
Q	IC	D	ADJ	TP

— C Board —



— K Board —



SECTION 7
ELECTRICAL PARTS LIST

NOTE:

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- The components identified by ⊠ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.

RESISTORS
- All resistors are in ohms
- F : nonflammable

CAPACITORS
- MF : μF, PF : μμF

COILS
- MMH : mH, UH : μH

When indicating parts by reference number, please include the board name.

Ref.No.	Part No.	Description	Remark
	*A-1296-308-A	A BOARD, COMPLETE **********	
	*1-535-084-00	1P TERMINAL PIN	
	*4-363-404-00	HOLDER, IC	
	*4-374-931-01	HOLDER, L.E.D	
	*4-374-932-01	COVER, L.E.D	
		CONNECTOR	
A0	*1-560-123-00	PLUG, CONNECTOR (2.5MM) 3P	
A2	*1-566-058-11	PIN, CONNECTOR 6P	
A3	*1-508-765-00	3P PLUG (M)	
A4	*1-508-786-00	2P PLUG (M)	
A5	*1-508-765-00	3P PLUG (M)	
A7	*1-508-786-00	2P PLUG (M)	
A8	*1-506-349-21	3P PLUG (L)	
A9	*1-508-784-00	1P PLUG	
A10	*1-508-784-00	1P PLUG	
DY1	*1-564-038-00	CONNECTOR PLUG, DY (MINI) 6P	
		CAPACITOR	
C101	1-102-976-00	CERAMIC 180PF 10% 50V	
C102	1-102-976-00	CERAMIC 180PF 10% 50V	
C103	1-123-330-00	ELECT 22MF 20% 16V	
C105	1-101-884-00	CERAMIC 56PF 10% 50V	
C106	1-101-880-00	CERAMIC 47PF 10% 50V	
C107	1-123-307-00	ELECT 100MF 20% 10V	
C108	1-123-379-00	ELECT 0.47MF 20% 50V	
C109	1-123-586-00	ELECT 0.1MF 20% 50V	
C110	1-123-586-00	ELECT 0.1MF 20% 50V	
C111	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C112	1-123-318-00	ELECT 33MF 20% 16V	
C113	1-102-976-00	CERAMIC 180PF 10% 50V	
C114	1-102-973-00	CERAMIC 100PF 10% 50V	
C115	1-102-983-00	CERAMIC 220PF 10% 50V	
C116	1-123-369-00	ELECT 4.7MF 20% 50V	
C117	1-123-381-00	ELECT 2.2MF 20% 50V	
C118	1-123-318-00	ELECT 33MF 20% 16V	
C119	1-101-004-00	CERAMIC 0.01MF 50V	
C120	1-102-112-00	CERAMIC 330PF 10% 50V	
C121	1-102-112-00	CERAMIC 330PF 10% 50V	
C122	1-123-318-00	ELECT 33MF 20% 16V	
C123	1-101-880-00	CERAMIC 47PF 10% 50V	
C125	1-102-125-00	CERAMIC 0.0047MF 10% 50V	
C126	1-123-369-00	ELECT 4.7MF 20% 50V	
C127	1-102-121-00	CERAMIC 0.0022MF 10% 50V	
C128	1-123-333-00	ELECT 100MF 20% 16V	
C129	1-123-324-00	ELECT 1000MF 20% 16V	
C130	1-123-356-00	ELECT 10MF 20% 16V	
C132	1-102-983-00	CERAMIC 220PF 10% 50V	
C133	1-102-121-00	CERAMIC 0.0022MF 10% 50V	
C135	1-102-108-00	CERAMIC 150PF 10% 50V	
C136	1-101-004-00	CERAMIC 0.01MF 50V	
C137	1-123-333-00	ELECT 100MF 20% 16V	

Ref.No.	Part No.	Description			Remark
C138	1-161-271-00	CERAMIC	100PF	5%	50V
C139	1-101-004-00	CERAMIC	0.01MF		50V
C140	1-123-333-00	ELECT	100MF	20%	16V
C141	1-102-074-00	CERAMIC	0.001MF	10%	50V
C143	1-101-004-00	CERAMIC	0.01MF		50V
C144	1-124-477-11	ELECT	47MF	20%	16V
C199	1-123-356-00	ELECT	10MF	20%	50V
C217	1-123-321-00	ELECT	220MF	20%	16V
C231	1-123-380-00	ELECT	1MF	20%	50V
C241	1-123-332-00	ELECT	47MF	20%	16V
C249	1-162-288-31	CERAMIC	330PF	10%	50V
C250	1-123-369-00	ELECT	4.7MF	20%	50V
C251	1-162-117-00	CERAMIC	100PF	10%	500V
C252	1-123-383-00	ELECT	4.7MF	20%	100V
C254	1-123-933-00	ELECT	10MF	20%	160V
C257	1-102-121-00	CERAMIC	0.0022MF	10%	50V
C258	1-108-794-91	MYLAR	0.0015MF	5%	50V
C302	1-123-332-00	ELECT	47MF	20%	16V
C303	1-123-321-00	ELECT	220MF	20%	16V
C304	1-123-330-00	ELECT	22MF	20%	16V
C305	1-123-381-00	ELECT	2.2MF	20%	50V
C306	1-101-004-00	CERAMIC	0.01MF		50V
C307	1-123-381-00	ELECT	2.2MF	20%	50V
C308	1-102-973-00	CERAMIC	100PF	10%	50V
C309	1-136-169-00	FILM	0.22MF	5%	50V
C311	1-102-106-00	CERAMIC	100PF	10%	50V
C312	1-102-106-00	CERAMIC	100PF	10%	50V
C313	1-101-004-00	CERAMIC	0.01MF		50V
C314	1-101-004-00	CERAMIC	0.01MF		50V
C317	1-123-323-00	ELECT	470MF	20%	16V
C422	1-123-380-00	ELECT	1MF	20%	50V
C424	1-123-380-00	ELECT	1MF	20%	50V
C425	1-108-597-00	MYLAR	0.056MF	5%	50V
C431	1-123-356-00	ELECT	10MF	20%	16V
C433	1-123-380-00	ELECT	1MF	20%	50V
C501	1-123-333-00	ELECT	100MF	20%	16V
C503	1-123-330-00	ELECT	22MF	20%	16V
C505	1-106-184-00	MYLAR	0.0033MF	10%	100V
C506	1-123-330-00	ELECT	22MF	20%	16V
C507	1-123-369-00	ELECT	4.7MF	20%	50V
C508	1-102-112-00	CERAMIC	330PF	10%	50V
C509	1-102-030-00	CERAMIC	330PF	10%	500V
C510	1-123-369-00	ELECT	4.7MF	20%	50V
C511	1-161-267-00	CERAMIC	47PF	5%	50V
C515	1-102-212-00	CERAMIC	820PF	10%	500V
C518	1-123-384-00	ELECT	10MF	20%	100V
C519	1-123-024-00	ELECT	33MF		160V
C520 ⚠	1-162-115-51	CERAMIC	330PF	10%	2KV
C521	1-106-369-00	MYLAR	0.012MF	10%	100V
C522 ⚠	1-136-063-11	FILM	0.0055MF	3%	1.4KV
C523	1-123-932-00	ELECT	4.7MF	20%	160V
C524	1-123-356-00	ELECT	10MF	20%	16V
C525	1-123-356-00	ELECT	10MF	20%	50V

Ref.No.	Part No.	Description			Remark
C527	1-136-173-00	FILM	0.47MF	5%	50V
C528	1-136-136-00	FILM	0.24MF	5%	200V
C529	1-102-223-00	CERAMIC	0.0047MF	10%	2KV
C530	1-124-484-11	ELECT	220MF	20%	35V
C531	1-101-821-00	CERAMIC	0.0022MF		500V
C533	1-123-933-00	ELECT	10MF	20%	160V
C541	1-102-030-00	CERAMIC	330PF	10%	500V
C542	1-108-835-00	MYLAR	0.0068MF	10%	50V
C543	1-123-345-00	ELECT	100MF	20%	35V
C544	1-123-322-00	ELECT	330MF	20%	16V
C545	1-123-332-00	ELECT	47MF	20%	16V
C547	1-123-322-00	ELECT	330MF	20%	16V
C551	1-102-212-00	CERAMIC	820PF	10%	500V
C552	1-123-335-00	ELECT	330MF	20%	25V
C553	1-102-106-00	CERAMIC	100PF	10%	50V
C555	1-102-983-00	CERAMIC	220PF	10%	50V
C557	1-101-810-00	CERAMIC	100PF	5%	500V
C560	1-101-267-00	CERAMIC	47PF	5%	50V
C601 ⚠	1-130-682-51	FILM	0.22MF	20%	125V
C602	1-124-959-11	ELECT	330MF	20%	200V
C603	1-123-933-00	ELECT	10MF	20%	160V
C608	1-101-830-00	CERAMIC	0.0047MF		500V
C614	1-123-948-00	ELECT	22MF	20%	250V
C615	1-101-830-00	CERAMIC	0.0047MF		500V
C616	1-123-307-00	ELECT	100MF	20%	10V

DIODE

D101	8-719-911-19	DIODE 1SS119
D102	8-719-109-74	DIODE RD4.3ES-B1
D103	8-719-101-04	DIODE RD33EB2
D104	8-719-911-19	DIODE 1SS119
D105	8-719-911-19	DIODE 1SS119
D106	8-719-911-19	DIODE 1SS119
D107	8-719-911-19	DIODE 1SS119
D108	8-719-901-96	DIODE SLP161B
D110	8-719-911-19	DIODE 1SS119
D241	8-719-110-17	DIODE RD10ES-B2
D251	8-719-911-19	DIODE 1SS119
D301	8-719-200-02	DIODE 10E2
D302	8-719-109-89	DIODE RD5.6ES-32
D303	8-719-911-19	DIODE 1SS119
D403	8-719-911-19	DIODE 1SS119
D501	8-719-911-55	DIODE U05G
D502	8-719-100-35	DIODE RD5.6E-B2
D503	8-719-109-90	DIODE RD5.6ES-B3
D504	8-719-911-55	DIODE U05G
D505	8-719-911-19	DIODE 1SS119
D508	8-719-918-77	DIODE V19G
D511	8-719-924-06	DIODE ERC24-06S
D512 ⚠	8-719-302-44	DIODE EL1Z-V1
D513	8-719-300-65	DIODE ESIF
D514 ⚠	8-719-901-93	DIODE V19E
D515	8-719-918-77	DIODE V19G

Ref.No.	Part No.	Description	Remark
D602	8-719-924-06	DIODE ERC24-06S	
D604	8-719-911-55	DIODE U05G	
D605	8-719-911-55	DIODE U05G	
D606	8-719-109-85	DIODE RD5.1ES-B2	
D607	8-719-911-55	DIODE U05G	
D611 ⚠	8-719-801-71	DIODE TVR4J-TPA2	
D612 ⚠	8-719-801-71	DIODE TVR4J-TPA2	
D613 ⚠	8-719-801-71	DIODE TVR4J-TPA2	
D614 ⚠	8-719-801-71	DIODE TVR4J-TPA2	

FUSE

F601 ⚠	1-532-509-11	FUSE, GLASS TUBE 6.3A/125V	
	1-533-127-00	FUSE CLIP; F601	
F602 ⚠	1-532-740-11	FUSE, GLASS TUBE 1A/125V	
	*1-533-146-00	HOLDER, FUSE; F602	

IC

IC101	8-759-918-29	IC CXQ88535-119S	
IC102	8-759-909-50	IC CX-7958	
IC103	8-759-102-12	IC UPD6250C	
IC104	8-741-132-30	IC BX-1323	
IC301 ⚠	8-752-019-20	IC CX20192	
IC501	8-759-801-98	IC LA7830	
IC601 ⚠	8-749-901-35	IC STR30135	

IF BLOCK

IF201	1-464-478-11	IF BLOCK (IFB-450)	

COIL

L101	1-407-717-00	MICRO INDUCTOR 1MMH	
L102	1-404-538-11	COIL	
L103	1-408-420-00	MICRO INDUCTOR 82UH	
L104	1-408-876-00	MICRO INDUCTOR 0.22UH	
L105	1-410-326-11	MICRO INDUCTOR 6.8UH	
L106	1-410-324-11	MICRO INDUCTOR 4.7UH	
L107	1-410-324-11	MICRO INDUCTOR 4.7UH	
L108	1-410-324-11	MICRO INDUCTOR 4.7UH	
L109	1-410-324-11	MICRO INDUCTOR 4.7UH	
L110	1-410-322-11	MICRO INDUCTOR 3.3UH	
L111	1-410-322-11	MICRO INDUCTOR 3.3UH	
L201	1-408-408-00	MICRO INDUCTOR 8.2UH	
L301	1-408-407-00	MICRO INDUCTOR 6.8UH	
L302	1-408-415-00	MICRO INDUCTOR 33UH	
L501	1-407-365-00	COIL, CHOKE	
L503	1-407-699-00	MICRO INDUCTOR 33UH	
L504	1-407-695-00	MICRO INDUCTOR 15UH	
L601 ⚠	1-408-225-11	MICRO INDUCTOR 3.3UH	
L602 ⚠	1-408-225-11	MICRO INDUCTOR 3.3UH	

TRANSISTOR

Q101	8-729-178-54	TRANSISTOR 2SC2785	
Q102	8-729-117-54	TRANSISTOR 2SA1175	
Q103	8-729-178-54	TRANSISTOR 2SC2785	

The components identified by shading and mark ⚠ are critical for safety. Replace only with part number specified.

Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

A

Ref.No.	Part No.	Description	Remark
Q104	8-729-178-54	TRANSISTOR 2SC2785	
Q105	8-729-178-54	TRANSISTOR 2SC2785	
Q106	8-729-255-12	TRANSISTOR 2SC2551	
Q205	8-729-117-54	TRANSISTOR 2SA1175	
Q206	8-729-117-54	TRANSISTOR 2SA1175	
Q241	8-729-288-02	TRANSISTOR 2SD880	
Q250	8-729-238-32	TRANSISTOR 2SC2383	
Q251	8-729-201-32	TRANSISTOR 2SA1013	
Q252	8-729-238-32	TRANSISTOR 2SC2383	
Q301	8-729-117-54	TRANSISTOR 2SA1175	
Q407	8-729-117-54	TRANSISTOR 2SA1175	
Q408	8-729-178-54	TRANSISTOR 2SC2785	
Q409	8-729-178-54	TRANSISTOR 2SC2785	
Q501	8-729-168-82	TRANSISTOR 2SC2688	
Q502	8-729-802-50	TRANSISTOR 2SD1649-CA	
Q503	8-729-177-43	TRANSISTOR 2SD774	

RESISTOR

Ref.No.	Part No.	Description				Remark
R101	1-249-462-11	CARBON	22K	5%	1/4W	
R102	1-249-414-11	CARBON	560	5%	1/6W	
R103	1-247-717-11	CARBON	2.2K	5%	1/4W	
R104	1-247-717-11	CARBON	2.2K	5%	1/4W	
R105	1-249-462-11	CARBON	22K	5%	1/4W	
R106	1-249-405-11	CARBON	100	5%	1/6W	
R107	1-247-713-11	CARBON	1K	5%	1/4W	
R108	1-247-713-11	CARBON	1K	5%	1/4W	
R109	1-249-417-11	CARBON	1K	5%	1/6W	
R110	1-249-417-11	CARBON	1K	5%	1/6W	
R111	1-249-462-11	CARBON	22K	5%	1/4W	
R112	1-249-462-11	CARBON	22K	5%	1/4W	
R113	1-249-433-11	CARBON	22K	5%	1/6W	
R114	1-249-433-11	CARBON	22K	5%	1/6W	
R115	1-249-459-11	CARBON	12K	5%	1/4W	
R116	1-247-721-11	CARBON	4.7K	5%	1/4W	
R117	1-247-883-00	CARBON	150K	5%	1/6W	
R118	1-249-431-11	CARBON	15K	5%	1/6W	
R120	1-247-717-11	CARBON	2.2K	5%	1/4W	
R121	1-249-421-11	CARBON	2.2K	5%	1/6W	
R122	1-249-421-11	CARBON	2.2K	5%	1/6W	
R123	1-247-713-11	CARBON	1K	5%	1/4W	
R124	1-247-725-11	CARBON	10K	5%	1/4W	
R125	1-247-711-11	CARBON	680	5%	1/4W	
R126	1-247-717-11	CARBON	2.2K	5%	1/4W	
R127	1-247-717-11	CARBON	2.2K	5%	1/4W	
R128	1-249-421-11	CARBON	2.2K	5%	1/6W	
R129	1-247-883-00	CARBON	150K	5%	1/6W	
R130	1-247-883-00	CARBON	150K	5%	1/6W	
R131	1-249-462-11	CARBON	22K	5%	1/4W	
R132	1-247-726-11	CARBON	33K	5%	1/4W	
R133	1-249-465-11	CARBON	47K	5%	1/4W	
R134	1-249-429-11	CARBON	10K	5%	1/6W	
R135	1-249-429-11	CARBON	10K	5%	1/6W	
R136	1-249-429-11	CARBON	10K	5%	1/6W	
R137	1-249-413-11	CARBON	470	5%	1/6W	
R138	1-247-885-00	CARBON	180K	5%	1/6W	
R139	1-247-725-11	CARBON	10K	5%	1/4W	
R140	1-249-434-11	CARBON	27K	5%	1/6W	
R142	1-247-710-11	CARBON	560	5%	1/4W	
R143	1-247-710-11	CARBON	560	5%	1/4W	
R145	1-247-725-11	CARBON	10K	5%	1/4W	
R147	1-247-717-11	CARBON	2.2K	5%	1/4W	
R148	1-249-429-11	CARBON	10K	5%	1/6W	
R149	1-249-429-11	CARBON	10K	5%	1/6W	
R150	1-247-717-11	CARBON	2.2K	5%	1/4W	
R152	1-249-469-11	CARBON	100K	5%	1/4W	
R153	1-215-898-11	METAL OXIDE	10K	5%	2W	F
R154	1-247-722-11	CARBON	5.6K	5%	1/4W	
R155	1-249-433-11	CARBON	22K	5%	1/6W	
R157	1-246-507-00	CARBON	27K	5%	1/4W	
R159	1-247-723-11	CARBON	6.8K	5%	1/4W	
R160	1-247-722-11	CARBON	5.6K	5%	1/4W	
R161	1-249-425-11	CARBON	4.7K	5%	1/6W	
R162	1-249-469-11	CARBON	100K	5%	1/4W	
R163	1-249-460-11	CARBON	15K	5%	1/4W	
R164	1-247-713-11	CARBON	1K	5%	1/4W	
R165	1-249-416-11	CARBON	820	5%	1/6W	
R166	1-213-131-00	METAL OXIDE	100	5%	1W	F
R168	1-249-417-11	CARBON	1K	5%	1/6W	
R169	1-247-713-11	CARBON	1K	5%	1/4W	
R170	1-249-417-11	CARBON	1K	5%	1/6W	
R171	1-249-417-11	CARBON	1K	5%	1/6W	
R205	1-249-435-11	CARBON	33K	5%	1/6W	
R208	1-249-435-11	CARBON	33K	5%	1/6W	
R221	1-249-417-11	CARBON	1K	5%	1/6W	
R222	1-247-706-11	CARBON	330	5%	1/4W	
R223	1-249-440-11	CARBON	82K	5%	1/6W	
R224	1-247-891-00	CARBON	330K	5%	1/6W	
R226	1-249-429-11	CARBON	10K	5%	1/6W	
R227	1-247-717-11	CARBON	2.2K	5%	1/4W	
R228	1-249-405-11	CARBON	100	5%	1/6W	
R241	1-213-125-00	METAL OXIDE	33	5%	1W	F
R242	1-247-707-11	CARBON	390	5%	1/4W	
R250	1-249-421-11	CARBON	2.2K	5%	1/6W	
R251	1-249-417-11	CARBON	1K	5%	1/6W	
R252	1-246-523-00	CARBON	120K	5%	1/4W	
R253	1-249-492-11	CARBON	47K	5%	1/2W	
R254	1-249-406-11	CARBON	120	5%	1/6W	
R255	1-247-699-11	CARBON	82	5%	1/4W	F
R261	1-202-359-17	SOLID	100	5%	1/4W	
R301	1-214-769-00	METAL	47K	1%	1/4W	
R303	1-247-712-11	CARBON	820	5%	1/4W	
R304	1-247-706-11	CARBON	330	5%	1/4W	
R305	1-249-411-11	CARBON	330	5%	1/6W	
R306	1-249-411-11	CARBON	330	5%	1/6W	
R307	1-249-467-11	CARBON	68K	5%	1/4W	
R308	1-246-507-00	CARBON	27K	5%	1/4W	

Ref.No.	Part No.	Description				Remark
R310	1-249-427-11	CARBON	6.8K	5%	1/6W	
R311	1-249-417-11	CARBON	1K	5%	1/6W	
R312	1-247-717-11	CARBON	2.2K	5%	1/4W	
R313	1-249-412-11	CARBON	390	5%	1/6W	
R314	1-249-438-11	CARBON	56K	5%	1/6W	
R315	1-249-431-11	CARBON	15K	5%	1/6W	
R316	1-249-435-11	CARBON	33K	5%	1/6W	
R317	1-249-432-11	CARBON	18K	5%	1/6W	
R431	1-249-421-11	CARBON	2.2K	5%	1/6W	
R432	1-249-417-11	CARBON	1K	5%	1/6W	
R433	1-247-887-00	CARBON	220K	5%	1/6W	
R434	1-249-415-11	CARBON	680	5%	1/6W	
R435	1-202-730-00	SOLID	8.2M	10%	1/2W	
R436	1-249-423-11	CARBON	3.3K	5%	1/6W	
R437	1-249-429-11	CARBON	10K	5%	1/6W	
R438	1-249-417-11	CARBON	1K	5%	1/6W	
R439	1-249-429-11	CARBON	10K	5%	1/6W	
R440	1-249-417-11	CARBON	1K	5%	1/6W	
R441	1-249-421-11	CARBON	2.2K	5%	1/6W	
R501	1-214-788-00	METAL	300K	1%	1/4W	
R502	1-216-460-11	METAL OXIDE	3.9K	5%	2W	F
R503	1-216-460-11	METAL OXIDE	3.9K	5%	2W	F
R505	1-249-459-11	CARBON	12K	5%	1/4W	F
R506	1-247-721-11	CARBON	4.7K	5%	1/4W	
R507	1-249-423-11	CARBON	3.3K	5%	1/6W	
R508	1-247-700-11	CARBON	100	5%	1/4W	
R510	1-247-723-11	CARBON	6.8K	5%	1/4W	
R511	1-249-423-11	CARBON	3.3K	5%	1/6W	
R512	1-249-417-11	CARBON	1K	5%	1/6W	
R513	1-249-460-11	CARBON	15K	5%	1/4W	
R515	1-249-460-11	CARBON	15K	5%	1/4W	
R516	1-216-434-11	METAL OXIDE	1.8K	5%	1W	F
R517	1-215-892-11	METAL OXIDE	1K	5%	2W	F
R518 ⚠	1-213-146-61	METAL OXIDE	1.8K	5%	1W	F
R519	1-247-706-11	CARBON	330	5%	1/4W	
R520 ⚠	1-249-447-51	CARBON	1	5%	1/4W	F
R521 ⚠	1-249-383-51	CARBON	1.5	5%	1/6W	F
R522	1-215-854-51	METAL	15K	1%	1/4W	
R523	1-214-747-00	METAL	5.6K	1%	1/4W	
⋈R524 ⚠		CARBON			1/4W	
R525 ⚠	1-216-460-51	METAL OXIDE	3.9K	5%	2W	F
R526	1-246-525-00	CARBON	150K	5%	1/4W	
R527	1-214-915-00	METAL	120K	1%	1/2W	
R528	1-247-722-11	CARBON	5.6K	5%	1/4W	
R529	1-249-423-11	CARBON	3.3K	5%	1/6W	F
R530	1-249-413-11	CARBON	470	5%	1/6W	
R533 ⚠	1-249-383-51	CARBON	1.5	5%	1/6W	F
R534	1-244-919-00	CARBON	82K	5%	1/2W	
R535	1-247-713-11	CARBON	1K	5%	1/4W	
R536	1-249-429-11	CARBON	10K	5%	1/6W	
R537	1-216-426-11	METAL OXIDE	82	5%	1W	F
R538	1-247-710-11	CARBON	560	5%	1/4W	
R539	1-249-425-11	CARBON	4.7K	5%	1/6W	
R540	1-249-465-11	CARBON	47K	5%	1/4W	
R541	1-247-805-00	CARBON	82	5%	1/6W	
R542	1-249-410-11	CARBON	270	5%	1/6W	
R543	1-216-349-00	METAL OXIDE	1	5%	1W	F
R544	1-247-714-11	CARBON	1.2K	5%	1/4W	
R545	1-249-424-11	CARBON	3.9K	5%	1/6W	
R552	1-216-379-11	METAL OXIDE	6.8	5%	2W	F
R601 ⚠	1-202-719-51	SOLID	1M	10%	1/2W	
R602 ⚠	1-205-707-12	CEMENTED	2.2		10W	
R603 ⚠	1-216-373-51	METAL OXIDE	2.2	5%	2W	F
R604	1-215-899-11	METAL OXIDE	15K	5%	2W	F
R605	1-247-895-00	CARBON	470K	5%	1/6W	
R606 ⚠	1-205-700-11	CEMENTED	200	5%	20W	
R607 ⚠	1-247-696-51	CARBON	47	5%	1/4W	F
R610	1-215-897-11	METAL OXIDE	6.8K	5%	2W	F
R612 ⚠	1-216-431-51	METAL OXIDE	560	5%	1W	F
R613	1-207-474-00	WIREWOUND	8.2	10%	1/2W	
R614	1-205-744-11	CEMENTED	4.7K	5%	20W	
R615 ⚠	1-215-895-51	METAL OXIDE	3.3K	5%	2W	F
R616 ⚠	1-216-361-51	METAL OXIDE	0.22	5%	2W	F

VARIABLE RESISTOR

RV301	1-230-815-11	RES, VAR, CARBON(WITH SW)20KX3
RV302	1-230-815-11	RES, VAR, CARBON(WITH SW)20KX3
RV303	1-230-815-11	RES, VAR, CARBON(WITH SW)20KX3
RV306	1-228-992-11	RES, ADJ, CARBON 3.3K
RV307	1-228-998-00	RES, ADJ, CARBON 220K
RV501	1-228-728-00	RES, ADJ, CERAMIC CARBON 100K
RV502	1-228-996-00	RES, ADJ, CARBON 47K
RV503	1-228-992-11	RES, ADJ, CARBON 3.3K
RV504	1-230-630-11	RES, ADJ, CARBON 10K

RELAY

RY601 ⚠	1-515-346-22	RELAY

SWITCH

S102	1-554-804-11	SWITCH, PUSH (1 KEY)
S103	1-554-804-11	SWITCH, PUSH (1 KEY)
S104	1-554-804-11	SWITCH, PUSH (1 KEY)
S105	1-554-804-11	SWITCH, PUSH (1 KEY)
S107	1-554-804-11	SWITCH, PUSH (1 KEY)
S108	1-554-804-11	SWITCH, PUSH (1 KEY)
S109	1-554-804-11	SWITCH, PUSH (1 KEY)
S110	1-554-804-11	SWITCH, PUSH (1 KEY)
S111 ⚠	1-554-804-12	SWITCH, PUSH (1 KEY)
S113	1-230-815-11	RES, VAR, CARBON(WITH SW)20KX3
S501	1-554-186-00	SWITCH, LEVER

TRANSFORMER

T251 ⚠	1-427-479-11	TRANSFORMER (SOT)
T501	1-437-090-00	HDT
T503 ⚠	1-439-314-22	TRANSFORMER ASSY, FLYBACK
T601 ⚠	1-421-592-11	TRANSFORMER, FERRITE

- The components identified by ⋈ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Select the resistance value according to SAFETY RELATED ADJUSTMENT.

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Replace only with part number specified.

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A C K

Ref.No.	Part No.	Description	Remark
		THERMISTOR	
TH301	1-800-945-00	THERMISTOR S-10K	
THP601⚠	1-800-686-51	THERMISTOR (POSITIVE)	
		TUNER	
TU101⚠	1-463-603-11	TUNER, ET (BTP-201)	
		CRYSTAL	
X301	1-567-505-11	OSCILLATOR, CRYSTAL	
		**********	
	*A-1330-601-A	C BOARD, COMPLETE	
		**********	
	1-526-819-11	SOCKET, CRT	
	*4-374-912-01	COVER (MAIN), CV VOL	
	*4-374-913-01	COVER (REAR LID), CV VOL	
		CONNECTOR	
C1	*1-508-371-00	2P PLUG (L)	
C2	*1-508-786-00	2P PLUG (M)	
C3	*1-566-058-11	PIN, CONNECTOR 6P	
C4	*1-508-765-00	3P PLUG (M)	
		CAPACITOR	
C705	1-162-116-00	CERAMIC 680PF 10% 2KV	
C706	1-129-714-00	FILM 0.01MF 10% 630V	
		COIL	
L701	1-408-420-00	MICRO INDUCTOR 82UH	
L702	1-408-420-00	MICRO INDUCTOR 82UH	
L703	1-408-420-00	MICRO INDUCTOR 82UH	
L704	1-408-424-00	MICRO INDUCTOR 180UH	
		TRANSISTOR	
Q701	8-729-326-11	TRANSISTOR 2SC2611	
Q702	8-729-326-11	TRANSISTOR 2SC2611	
Q703	8-729-326-11	TRANSISTOR 2SC2611	
		RESISTOR	
R701	1-249-421-11	CARBON 2.2K 5% 1/6W	
R703	1-249-412-11	CARBON 390 5% 1/6W	
R704	1-249-422-11	CARBON 2.7K 5% 1/6W	
R705	1-202-824-00	SOLID 3.3K 1/2W	
R706	1-215-899-11	METAL OXIDE 15K 5% 2W	F
R707	1-249-418-11	CARBON 1.2K 5% 1/6W	
R708	1-249-413-11	CARBON 470 5% 1/6W	
R709	1-249-415-11	CARBON 680 5% 1/6W	
R710	1-249-422-11	CARBON 2.7K 5% 1/6W	
R711	1-202-824-00	SOLID 3.3K 1/2W	
R712	1-215-899-11	METAL OXIDE 15K 5% 2W	F
R713	1-249-418-11	CARBON 1.2K 5% 1/6W	
R714	1-249-413-11	CARBON 470 5% 1/6W	
R715	1-249-415-11	CARBON 680 5% 1/6W	
R716	1-249-422-11	CARBON 2.7K 5% 1/6W	
R717	1-202-824-00	SOLID 3.3K 1/2W	
R718	1-215-899-11	METAL OXIDE 15K 5% 2W	F
R719	1-202-842-11	SOLID 220K 1/2W	
R720	1-202-719-00	SOLID 1M 10% 1/2W	
R721	1-216-348-00	METAL OXIDE 0.82 5% 1W	F
R722	1-202-848-00	SOLID 680K 1/2W	
R723	1-202-838-00	SOLID 100K 10% 1/2W	
		VARIABLE RESISTOR	
RV701	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K	
RV702	1-228-722-00	RES, ADJ, CERAMIC CARBON 3.3K	
RV703	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K	
RV704	1-228-722-00	RES, ADJ, CERAMIC CARBON 3.3K	
RV705	1-228-723-00	RES, ADJ, CERAMIC CARBON 4.7K	
RV706	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M	
RV707	1-230-641-11	RES, ADJ, METAL GLAZE 2.2M	
RV708⚠	1-230-798-11	RES, ADJ, METAL GLAZE 90M	
RV709	1-228-725-00	RES, ADJ, CERAMIC CARBON 22K	
		**********	
	*1-618-955-11	K BOARD	
		*******	
		JACK	
EJ901	1-507-756-00	JACK (SMALL TYPE)	
		**********	
		MISCELLANEOUS	
		**********	
	1-217-605-11	RES, WIREWOUND 2.2	
⚠	1-451-234-12	DEFLECTION YOKE (SY-125A)	
	1-452-032-00	MAGNET, DISK; 10MM ø	
	1-452-094-00	MAGNET, ROTATABLE DISK; 15MM ø	
	1-452-277-00	MAGNET, BMC	
⚠	1-537-039-11	TERMINAL BOARD ASSY, ANTENNA	
⚠	1-551-603-11	CORD, POWER	
L901 ⚠	1-426-146-31	COIL, DEMAGNETIZATION	
SP901	1-503-344-21	SPEAKER	
V901 ⚠	8-735-553-05	CRT (A34JBU10X)	

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Les composants identifiés par une trame et une marque ⚠ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

ACCESSORIES AND PACKING MATERIALS

Part No.	Description	Remark
A-1470-655-A	COMMANDER ASSY (RM-717)	
1-513-379-00	CONVERTER (EAC-25)	
1-501-335-11	ANTENNA, TELESCOPIC (AN-18)	
*4-374-990-01	CUSHION (UPPER) (ASSY)	
*4-374-991-01	CUSHION (LOWER) (ASSY)	
4-378-262-01	BAG, PROTECTION	
*4-382-565-01	INDIVIDUAL CARTON	
4-482-357-21	MANUAL, INSTRUCTION	
4-482-357-31	MANUAL, INSTRUCTION	