

SERVICE MANUAL

PURE POWER DC STEREO RECEIVER

SANSUI G-5700 G-6700 G-7700



Sansui

SANSUI ELECTRIC CO., LTD.

SPECIFICATIONS

- ◆ Audio section
<G-5700>
- Power output
Min. RMS, both channels driven, from 20 to 20,000 Hz, with no more than 0.03 % total harmonic distortion.
75 watts per channel into 8 ohms
- Load impedance 8 ohms
- <G-6700>
Power output
Min. RMS, both channels driven, from 20 to 20,000 Hz, with no more than 0.025 % total harmonic distortion.
90 watts per channel into 8 ohms
- Load impedance 8 ohms
- <G-7700>
Power output
Min. RMS, both channels driven, from 20 to 20,000 Hz, with no more than 0.025 % total harmonic distortion.
120 watts per channel into 8 ohms
- Load impedance 8 ohms
- <G-5700/G-6700>
- Intermodulation distortion (70 Hz : 7 kHz = 4:1 SMPTE method) less than 0.03 % at rated power output
- Frequency response (at 1 watt)
Overall (from TAPE/AUX)
. 5 to 75,000 Hz, +0.2 dB, -2.0 dB
- Power amplifier section
. DC to 200,000 Hz, +0 dB, -3.0 dB
- <G-7700>
Intermodulation distortion (70 Hz : 7 kHz = 4:1 SMPTE method) less than 0.025 % at rated power output
- Frequency response (at 1 watt)
Overall (from TAPE/AUX)
. 5 to 75,000 Hz, +0.2 dB, -2.0 dB
- Power amplifier DC to 200 kHz, +0 dB, -3.0 dB
- <G-5700>
- Total harmonic distortion
. less than 0.03 % at or below rated min. RMS power output
- Rise time 1.4 μsec
- Slew rate 56 V/μsec
- <G-6700/G-7700>
Total harmonic distortion
. less than 0.025 % at or below rated min. RMS power output
- Rise time 1.4 μsec
- Slew rate 60 V/μsec
- <G-5700/G-6700>
- RIAA curve deviation (PHONO, 30 Hz to 15 kHz)
. +0.2 dB, -0.2 dB
- Damping factor (20 Hz to 20 kHz, both channels driven)
. 50 into 8 ohms
- Input sensitivity and impedance (at 1 kHz)
PHONO 2.5 mV/47 kilohms
(Max. input capability: 210 mV at 1 kHz, less than 0.1 % total harmonic distortion)
- MIC 6 mV/10 kilohms
- TAPE-1, 2 PLAY, TAPE/AUX
. 150 mV/47 kilohms
- Output level (at 1 kHz)
TAPE-1, 2 REC 150 mV
- Hum and noise (short-circuit, A-network)
PHONO 78 dB
- TAPE-1, 2 PLAY, TAPE/AUX
. 95 dB
- Channel separation (at 1 kHz)
PHONO 55 dB
- TAPE-1, 2 PLAY, TAPE/AUX
. 65 dB
- <G-7700>
- RIAA curve deviation (PHONO, 20 Hz to 20 kHz)
. +0.2 dB, -0.2 dB
- Damping factor (20 Hz to 20 kHz, both channels driven)
. 50 into 8 ohms
- Input sensitivity and impedance (at 1 kHz)
PHONO-1, 2 2.5 mV/47 kilohms
(Max. input capability: 250 mV at 1 kHz, less than 0.1 % total harmonic distortion)
- MIC 6 mV/10 kilohms
- TAPE-1, 2 PLAY, TAPE/AUX
. 150 mV/47 kilohms
- Output level (at 1 kHz)
TAPE-1, 2 REC 150 mV
- Hum and noise (short-circuit, A-network)
PHONO-1, 2 78 dB
- TAPE-1, 2 PLAY, TAPE/AUX
. 95 dB
- Channel separation (at 1 kHz)
PHONO-1, 2 60 dB
- TAPE-1, 2 PLAY, TAPE/AUX
. 65 dB

Specifications

<G-5700>
Controls
 BASS ±10 dB at 50 Hz
 TREBLE ±10 dB at 10 kHz
 SUBSONIC FILTER -3 dB at 16 Hz (6 dB/oct)
 LOUDNESS (VOLUME control: -30 dB position) 8 dB at 50 Hz
 6 dB at 10 kHz
 AUDIO MUTING -20 dB

<G-6700/G-7700>
Controls
 BASS ±10 dB at 50 Hz
 TREBLE ±10 dB at 10 kHz
 SUBSONIC FILTER -3 dB at 16 Hz (6 dB/oct)
 HIGH FILTER -3 dB at 3 kHz (6 dB/oct)
 LOUDNESS (VOLUME control: -30 dB position) 8 dB at 50 Hz
 6 dB at 10 kHz
 AUDIO MUTING -20 dB

♦ FM section

<G-5700/G-6700>
 Tuning range 88 to 108 MHz
Usable sensitivity
 Mono IHF 9.8 dBf (1.7 μ V)
 DIN 1.0 μ V
 Stereo IHF 17 dBf
50 dB quieting sensitivity
 Mono 14 dBf
 Stereo 36 dBf
Signal to noise ratio (at 65 dBf)
 Mono 76 dB
 Stereo 71 dB
Distortion (at 65 dBf)
 Mono less than 0.1% at 100 Hz
 less than 0.1% at 1,000 Hz
 less than 0.25% at 6,000 Hz
 Stereo 15 dBf
 37 dBf

Signal to noise ratio (at 65 dBf)
 Mono 75 dB
 Stereo 70 dB
Distortion (at 65 dBf)
 Mono less than 0.13% at 100 Hz
 less than 0.1% at 1,000 Hz
 less than 0.25% at 6,000 Hz
 Stereo less than 0.25% at 100 Hz
 less than 0.15% at 1,000 Hz
 less than 0.25% at 6,000 Hz

Alternate channel selectivity (at 400 kHz)
 50 dB
Capture ratio 1.0 dB
Image response ratio 70 dB
Spurious response ratio 90 dB
IF response ratio 95 dB
Stereo separation 35 dB at 100 Hz
 42 dB at 1,000 Hz
 30 dB at 10,000 Hz
 25 dB from 30 to 15,000 Hz
Frequency response 30 to 15,000 Hz, +0.5 dB, -1.0 dB
Antenna input impedance
 300 ohms balanced
 75 ohms unbalanced

IF response ratio

90 dB
 35 dB at 100 Hz
 40 dB at 1,000 Hz
 28 dB at 10,000 Hz

Frequency response

30 to 15,000 Hz, +0.5 dB, -1.0 dB
Antenna input impedance

300 ohms balanced
 75 ohms unbalanced

Selectivity

33 dB
 35 dB at 100 Hz
 46 dB

Distortion (at 30% Modulation, 80 dB/m)

less than 0.5%

♦ Others

<G-5700>

Power requirements

Power voltage 100, 120, 220, 240 V (50/60 Hz)
 For U.S.A. and Canada
 120 V (60 Hz)

Power consumption

Rated consumption

400 watts 450 VA

Dimensions

465 mm (18-5/16") W
 177 mm (7") H
 405 mm (16") D

Weight

13.8 kg (30.4 lbs) net
 16.0 kg (35.3 lbs) packed

<G-6700>

Power requirements

Power voltage 100, 120, 220, 240 V (50/60 Hz)
 For U.S.A. and Canada
 120 V (60 Hz)

Power consumption

Rated consumption

330 watts 420 VA

Dimensions

505 mm (19-15/16") W
 182 mm (7-3/16") H
 442 mm (16-5/8") D

Weight

16.1 kg (39.7 lbs) net
 18.4 kg (45.2 lbs) packed

<G-7700>

Power requirements

Power voltage 100, 120, 220, 240 V (50/60 Hz)
 For U.S.A. and Canada
 120 V (60 Hz)

Power consumption

Rated consumption

430 watts 540 VA

Dimensions

505 mm (19-15/16") W
 182 mm (7-3/16") H
 422 mm (16-5/8") D

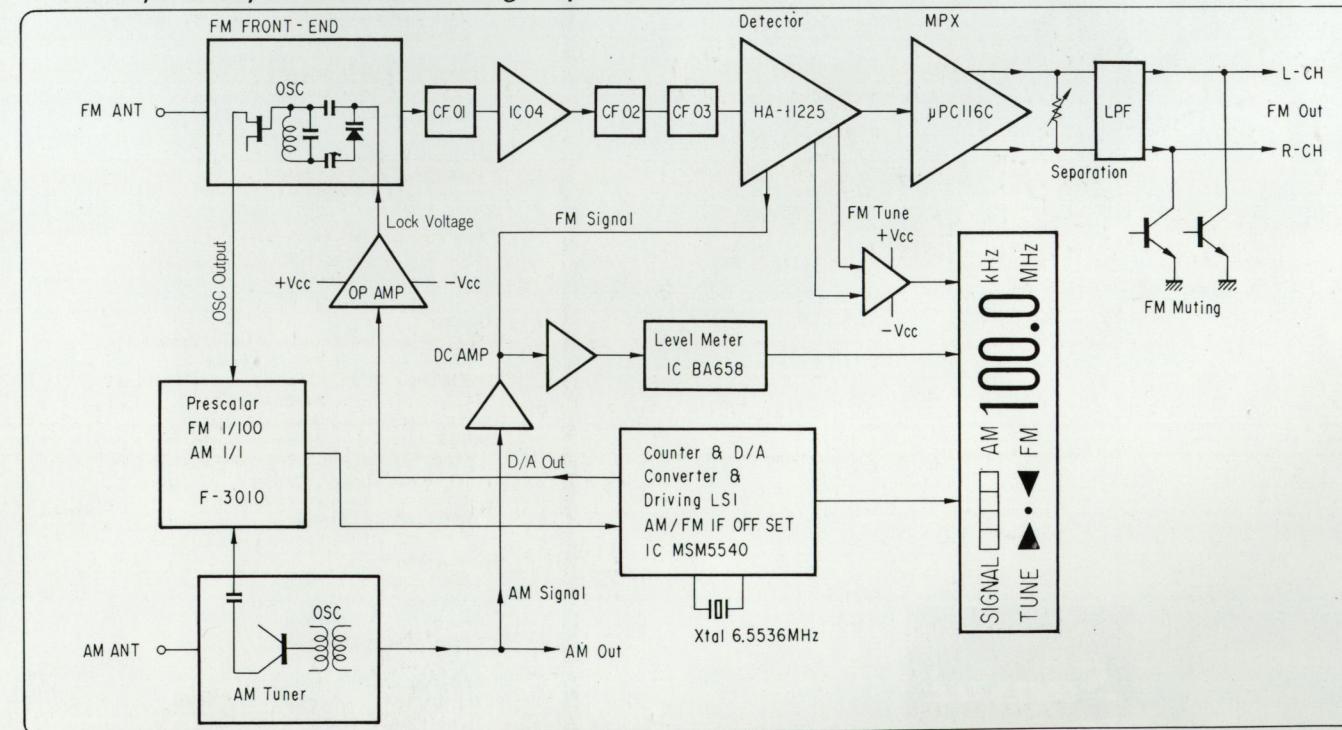
Weight

18.0 kg (39.7 lbs) net
 20.5 kg (45.2 lbs) packed

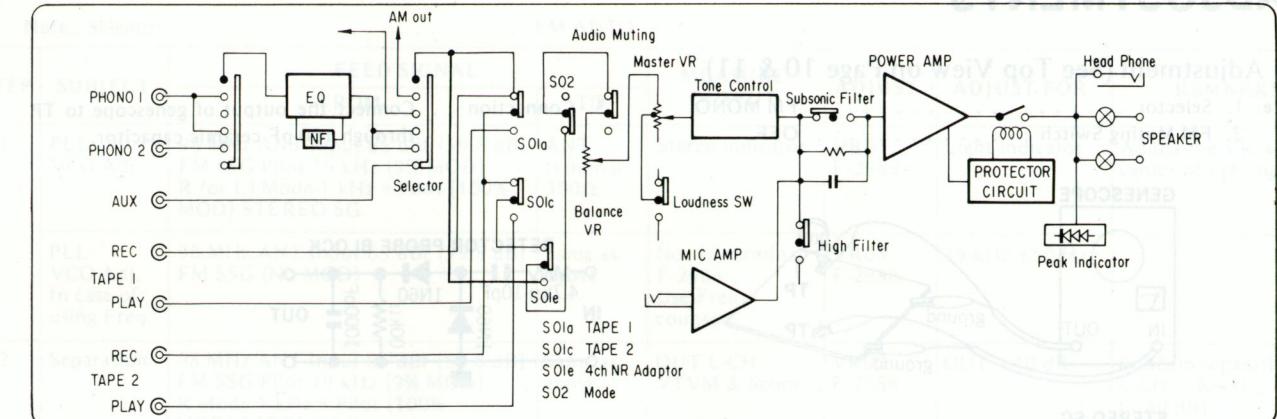
* Design and specifications subject to changes without notice for improvements.

1. BLOCK DIAGRAM

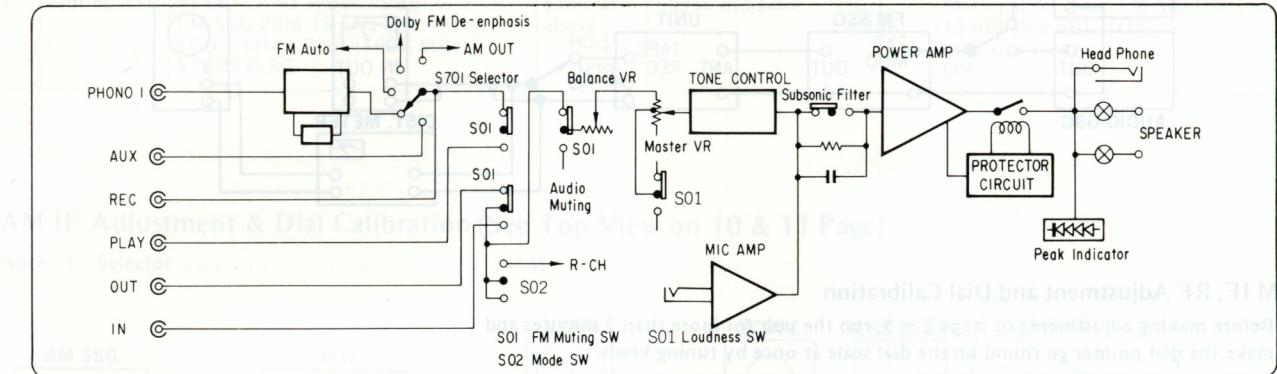
• G-5700/G-6700/G-7700 Tuner & Digitally Quartz Locked Section



• G-6700/G-7700 Audio Section



• G-5700 Audio Section



2. OPERATION OF PEAK POWER INDICATOR

Fig. 2-1

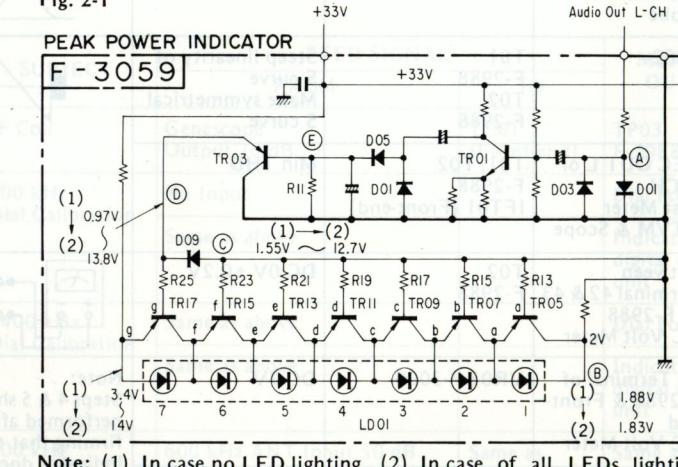


Fig. 2-2

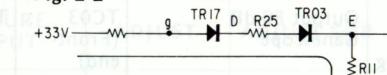
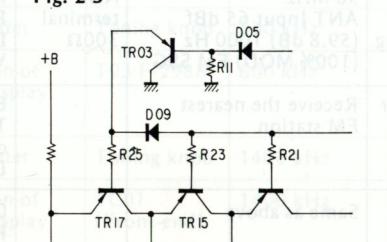


Fig. 2-3



2-1. In case no LED lighting

- 1) TR17, R25, TR03 & R11 on F-3059 regarded as a series circuit and a voltage applied to the circuit. TR17 and TR03 are equivalent to diodes connected in forward direction that a current flows into this circuit as Fig. 2-2.
- 2) TR17 being ON, a voltage is applied to the TR15 emitter and a current flows into a circuit composed of TR17, TR15, R23, D09, TR03, and R11 as Fig. 2-3.
- 3) As the bias voltage added to TR03 is the lowest, during no input signal, the maximum current flows and turn on the transistors from TR17 to TR05.
- 4) When every transistor is ON, a currents flowing LEDs are belit that LEDs would not shine.

2-2. In case only one LED lighting

- 1) If input signal of about 0.28V (0.01W) is applied from audio-out, this signal is fed to TR03 as a base bias voltage through TR17 and D05. This bias voltage rises to make the current flowing TR03 little when input voltage of point A is increased.
- 2) Input signal being 0.28V, transistors from TR17 to TR07 are ON and only TR05 turns OFF.
- 3) When TR05 becomes OFF, a current flows into LED of No. 1 and this LED starts lighting.

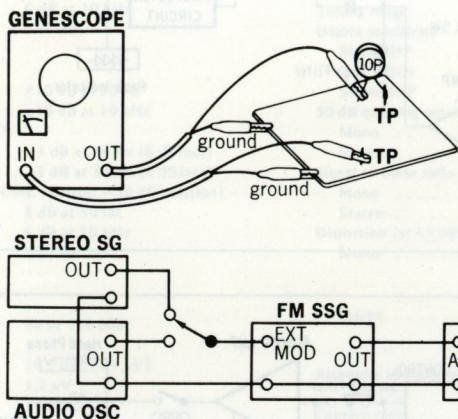
2-3. In case from two to seven LEDs lighting

In the same function as 2-2, transistors TR05, 07, 09 turn OFF successively and all LEDs start lighting. The LED at center is always lighting to be supplied a voltage.

3. ADJUSTMENTS

1. FM Adjustment (See Top View on Page 10 & 11)

Note: 1. Selector FM MONO
2. FM Muting Switch OFF



3. Connection . . Connect the output of genoscope to TP through 100 pF ceramic capacitor.

(1) FM IF, RF Adjustment and Dial Calibration

* Before making adjustments of steps 2 ~ 5, run the unit for more than 2 minutes and make the dial pointer go round on the dial scale at once by tuning knob.

STEP	SUBJECT	FEED SIGNAL		MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
		FROM	TO				
1.	IF Coil	Output 90 dB Genescope	TC03 (Front-end)	TP01 Use Detector Probe	T1 (Front-end)	Max. IF waveform	
2.	Discriminator Coil In case of using Genescope	Output 80 dB Genescope	TC03 (Front-end)	TP02	T01 F-2988 T02 F-2988	Steep linearity of S curve Make symmetrical S curve	
	Discriminator Coil In case of using Dist meter	98 MHz ANT Input 65 dBf (59.8 dB) 1000 Hz (100% MOD) FM SSG	ANT terminal 300Ω	REC OUT L or R-CH Dist Meter VTVM & Scope	T01, T02 F-2988 IFT01 (Front-end)	Min THD	
3.	Tune Indicator Adj.	Receive the nearest FM station		Between Terminal 42 & 43 of F-2988 DC Volt Meter	T02 F-2988	DC 0V ±0.2V	
4.	AFC Voltage Adj.	Same as above		07 Terminal of F-2988 & Front-end DC Volt Meter	VR03 F-3000	DC 7V	Note: Steps 4 & 5 should be performed after confirming that the lock indicator does not become luminous when shorting ground and collector of TR15 & base of TR17 on F-3000
5.	98 MHz Dial Calibration	No Input		Dial Pointer	Tuning knob	98 MHz	
		Same as above		Indicator of Display unit	TC06 (Front-end)	98 MHz	
6.	98 MHz RF Adj.	98 MHz ANT Input Minimum value with sine wave 1000 Hz (100% MOD) FM SSG	Same as above	<G-5700/6700> TC03, TC04 <G-7700> TC03, TC04, TC05 (Front-end)	Max. Output		
7.	Signal Indicator Volume	98 MHz ANT Input 65 dBf (59.8 dB) 1000 Hz (100% MOD) FM SSG	Same as above	VR01 F-3000	Make every 8 lamps lighting	SIGNALoooooooooooo	
		No ANT Input		VR01 F-3000	Make only one lamp lighting	SIGNAL□	

Note: Confirm the Dial Calibration on the frequencies of 90 MHz & 106 MHz in step 5.

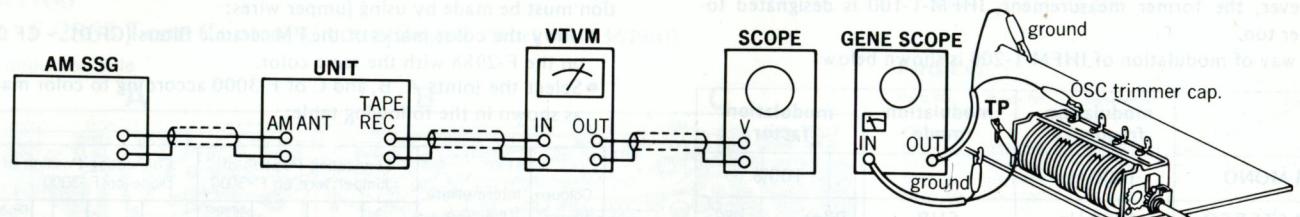
(2) FM STEREO Adjustment

Note: Selector FM AUTO

STEP	SUBJECT	FEED SIGNAL		MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
		FROM	TO				
1.	PLL VCO Adj.	98 MHz ANT Input 65 dBf (59.8 dB) FM SSG Pilot 19 kHz (9% MOD) R (or L) Mode 1 kHz + Pilot (100% MOD) STEREO SG	ANT terminal 300Ω	Stereo indicator	VR03 F-2988	Light indicator	Adjust the VR within center of lighting level.
	PLL VCO Adj. In case of using Freq.	98 MHz ANT Input 65 dBf (59.8 dB) FM SSG (No MOD)	Same as above	No. 18 terminal F-2988 Use Freq. counter	VR03 F-2988	19 kHz ± 50 Hz	
2.	Separation	98 MHz ANT Input 65 dBf (59.8 dB) FM SSG Pilot 19 kHz (9% MOD) R Mode 1 kHz + Pilot (100% MOD) STEREO SG	Same as above	OUT L-CH VTVM & Scope	VR02 F-2988	OUT -40 dB	Confirm separation L-CH → R-CH (-40 dB)
3.	Muting level	98 MHz ANT Input 15 dBf (9.8 dB) FM SSG Pilot 19 kHz (9% MOD) SUB 1 kHz + Pilot (100% MOD) STEREO SG	Same as above	Stereo indicator	VR01 F-2988	Muting level 15 dBf (9.8 dB) indicator turns ON	FM MUTING Switch ON

2. AM IF Adjustment & Dial Calibration (See Top View on 10 & 11 Page)

Note: 1. Selector AM



STEP	SUBJECT	FEED SIGNAL		MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
		FROM	TO				
1.	IF Coil	Genescope Output 70 dB	TC01 (Front-end)	TP03 F-2988	T04, T05 F-2988	Max. Output	
2.	600 kHz Dial Calibration	No Input		Dial Pointer	Tuning knob	600 kHz	
		Same as above			T03 F-2988	600 kHz	
3.	1400 kHz Dial Calibration	Same as above		Dial Pointer	Tuning knob	1400 kHz	
		Same as above			TC01 (Front-end)	1400 kHz	
4.	600 kHz RF Adj.	600 kHz ANT Input 50 dB 400 Hz (MOD 30%) AM SSG	Same as above	Same as above	Bar Antenna L701	Same as above	
	1400 kHz RF Adj.	1400 kHz ANT Input 50 dB 400 Hz (MOD 30%) AM SSG	Same as above	Same as above	TC02 (Front-end)	Same as above	
5.	Signal Meter volume	1000 kHz ANT Input 80 dB 400 Hz (MOD 30%) AM SSG	Same as above	Signal indicator lamp	VR02 F-3000	Make every 8 lamps lighting	
		No Input	Same as above	Same as above	VR02 F-3000	Make only one lamp lighting	
5.	9 kHz Notch filter Adj.	9 kHz 5 mV OSC	TP03 F-2988	OUT L or R-CH VTVM & Scope	T06 F-2988	Min. Output	

Abbreviations							
AM	Antenna	FM	Frequency Modulation	IF	Intermediate Frequency	OSC	Oscillator
ANT	Antenna	FM SSG	Frequency Modulation SSB Generator	IF AMP	Intermediate Frequency Amplifier	VTVM	Voltmeter
ANT	Antenna	IF	Intermediate Frequency	IF AMP	Intermediate Frequency Amplifier	VTVM	Voltmeter
ANT	Antenna	IF	Intermediate Frequency	IF AMP	Intermediate Frequency Amplifier	VTVM	Voltmeter

3. Driver Circuit Board Adjustments <G-5700/G-6700/G-7700> (See Top View on Page 10 & 11)

Note: 1. Master Volume Minimum
2. Room Temperature 18°C ~ 28°C (65°F ~ 83°F)

3. For adjustment, run the unit for more than 3 minutes after the power is switched on.

STEP	SUBJECT	MEASURE OUTPUT	ADJUST	ADJUST FOR	REMARKS
1.	DC 0V Adj. L-CH	Speaker terminal (L-CH)	VR01 (L-CH) F-2980	DC 0V ± 5 mV	Before turning ON power switch, set VR01 & VR02 to center position.
2.	DC 0V Adj. R-CH	Speaker terminal (R-CH)	VR02 (R-CH) F-2980		
3.	Bias Current Adj. L-CH	<G-5700/G-6700> Between terminal 85 & Point A (See Top View on Page 10) <G-7700> Between terminal 89 & 87 of F-2980 (Between A & B) (See Top View on Page 11)	VR03 F-2980	DC 5V ± 1 mV	• Before turning ON power switch, turn VR03 & VR04 fully counter-clockwise. This bias current adjustment converts current value into voltage by Ohms law.
4.	Bias Current Adj. R-CH	<G-5700/G-6700> Between terminal 86 & Point B (See Top View on Page 10) <G-7700> Between terminal 90 & 88 of F-2980 (Between C & D) (See Top View on Page 11)	VR04 F-2980		

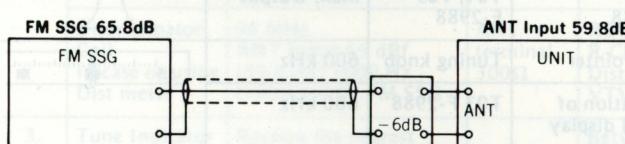
• NEW MEASUREMENT FOR FM.

Input signal level under the provision of IHFM-T-200, a new measurement method is indicated by available power ratio "dBf". To obtain approximate available power ratio "dBf", abstract 0.8 from attenuator indication of general FMSG (open load indication type); however, the former measurement, IHFM-T-100 is designated together too.

The way of modulation of IHFM-T-200 is shown below.

	modulation frequency	modulation mode	modulation factor
FM MONO	1000 Hz		100%
FM STEREO	1000 Hz	SUB	Pilot 9% Pilot + SUB 100%

• The relation between the standard input 65 dBf of IHFM-T-200 and the former indication "dB" is shown below.



• Intermediate frequency of AM Section (See Figs. 3-1 & 3-2).

Since the band pass filter of both 450 kHz type and 455 kHz type are adaptable to the IF stage of these models, pay attention for inserting position of jumper wire and a diode for setting the IF OFFSET ROM value when replacement.

Fig. 3-1.

Intermediate frequency	Stock No. of IF filter, T05 on F-2988	Inserting Position of jumper wire on F-3000	Inserting Position of Diode on F-3000
450 kHz	0910490	X	D23
455 kHz	4230680	Z	D21, D24

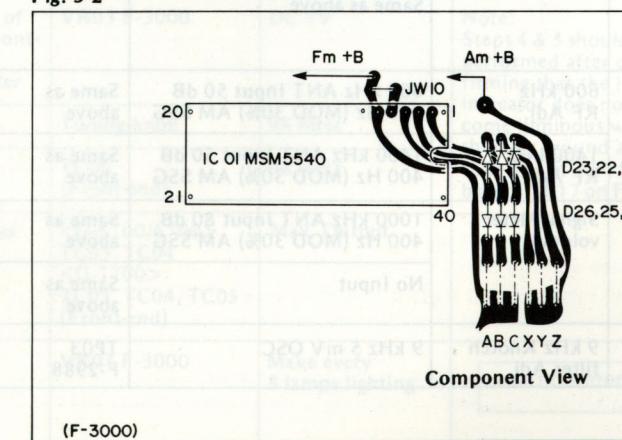
• Selection of Intermediate Frequencies (FM) (Refer to parts location F-3000 on page 9)

The digital locking point differs with the frequency rank of the ceramic filter used in the F-2988. When the central frequency (shown by a color) of the ceramic filter is changed, the following connection must be made by using jumper wires:

- Unify the color marks of the FM ceramic filters (CF 01 ~ CF 04) on the F-2988 with the same color.
- Select the joints A, B, and C of F-3000 according to color marks as shown in the following table:

Colouring	Intermediate frequency	Connecting Position of Jumper wire on F-3000			Connecting Position of Diode on F-3000				
		A	B	C	Jumper wire Total Q'ty	D26	D25	D24	Diode Total Q'ty
Black	10.64MHz			●	1			●	1
Brown	10.66MHz		●		1		●		1
Blue	10.68MHz	●	●	●	2		●	●	2
Red	10.70MHz	●			1	●			1
Orange	10.72MHz	●		●	2	●		●	2
Gray	10.74MHz	●	●	●	2	●	●	●	2
White	10.76MHz	●	●	●	3	●	●	●	3

Fig. 3-2

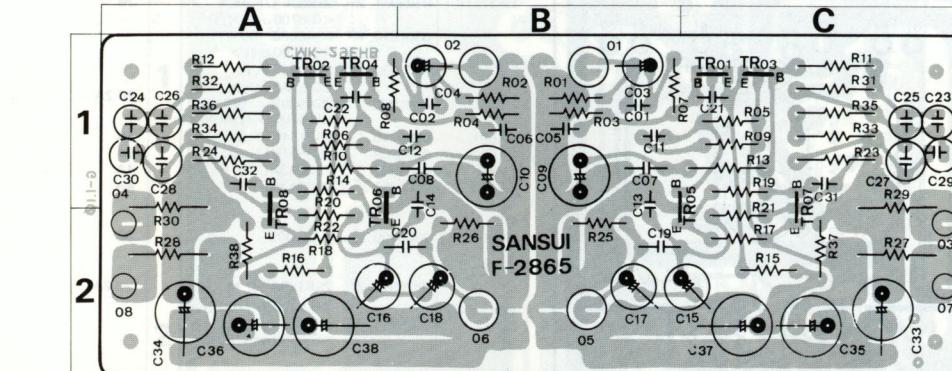


(F-3000)

4. PARTS LOCATION & PARTS LIST

4-1. F-2865 Equalizer Circuit Board (Stock No. 7551551 = G-5700/G-6700) (Stock No. 7551541 = G-7700)

Conductor Side



Parts List <G-5700/G-6700>

Parts No.	Stock No.	Description	Position
•Transistor	TR01, 02	0300900, 1	2SA906 (G), (H)
	TR03, 04	0300900, 1	2SA906 (G), (H)
	TR05, 06	0306550, 1	2SC1775 E, F
	TR07, 08	0306550, 1	2SC1775 E, F
C 05, 06	0260101	100pF 50V P.C.	1B.
C 23, 24	0265122	1200pF 50V P.C.	1C, 1A
C 25, 26	0620391	390pF 50V P.C.	1C, 1A
C 27, 28	0625562	5600pF 50V P.C.	1C, 1A
C 29, 30	0620101	100pF 50V P.C.	1C, 1A
R 23, 24	0210562	5.6kΩ 1/2W N.I.R.	1C, 1A
R 28	0191270	27Ω 1/4W F.R.	2A
R 30	0191270	27Ω 1/4W F.R.	1, 2A
R 31, 32	0231473	47kΩ 1/2W M.R.	1C, 1A
R 33, 34	0231473	47kΩ 1/2W M.R.	1C, 1A
R 35, 36	0231274	270kΩ 1/2W M.R.	1C, 1A

Parts No.	Stock No.	Description	Position
R 13, 14	0231471	470Ω 1/2W M.R.	1C, 1A
R 23, 24	0210472	4.7kΩ 1/2W N.I.R.	1C, 1A
R 27	0210101	100Ω 1/2W N.I.R.	2C
R 29	0210101	100Ω 1/2W N.I.R.	1C
R 31, 32	0231223	22kΩ 1/2W M.R.	1C, 1A
R 33, 34	0231473	47kΩ 1/2W M.R.	1C, 1A
R 35, 36	0231274	270kΩ 1/2W M.R.	1C, 1A

Since some of capacitors and resistors are omitted from parts lists in this Service Manual, refer to the Common Parts List for capacitors & resistors which was appended previously to each Sansui Manual.

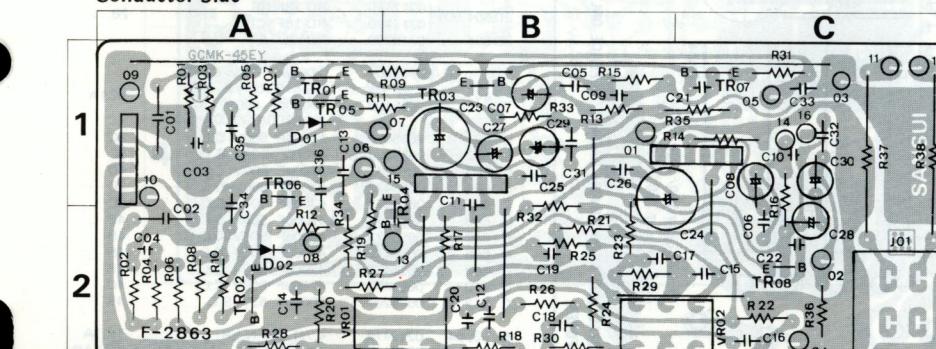
Parts List <G-7700>

Parts No.	Stock No.	Description	Position
•Transistor	TR01, 02	0300900, 1	2SA906 (G), (H)
	TR03, 04	0300900, 1	2SA906 (G), (H)
	TR05, 06	0306550, 1	2SC1775 E, F
	TR07, 08	0306550, 1	2SC1775 E, F
C 05, 06	0260101	100pF 50V P.C.	1B.
C 23, 24	0265122	1200pF 50V P.C.	1C, 1A
C 25, 26	0620391	390pF 50V P.C.	1C, 1A
C 27, 28	0625562	5600pF 50V P.C.	1C, 1A
C 29, 30	0620101	100pF 50V P.C.	1C, 1A
R 23, 24	0210562	5.6kΩ 1/2W N.I.R.	1C, 1A
R 28	0191270	27Ω 1/4W F.R.	2A
R 30	0191270	27Ω 1/4W F.R.	1, 2A
R 31, 32	0231473	47kΩ 1/2W M.R.	1C, 1A
R 33, 34	0231223	22kΩ 1/2W M.R.	1C, 1A
R 35, 36	0231564	560kΩ 1/2W M.R.	1C, 1A

• G-5700

4-2. F-2863 Tone Control Circuit Board (Stock No. 7562901)

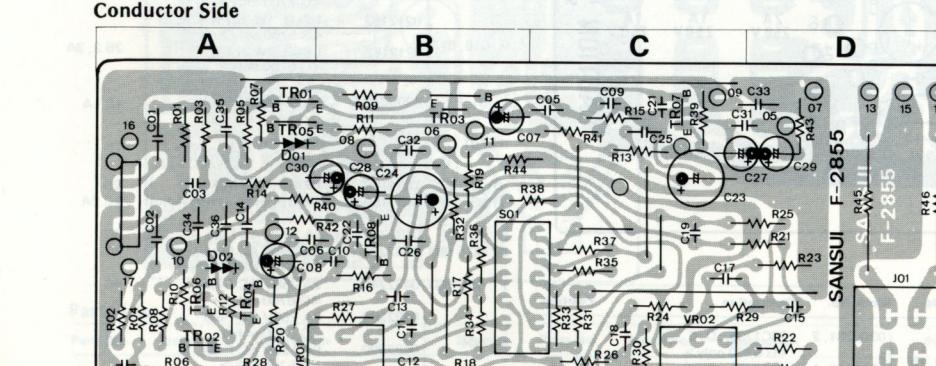
Conductor Side



• G-6700/G-7700

4-3. F-2855 Tone Control Circuit Board (Stock No. 7562861)

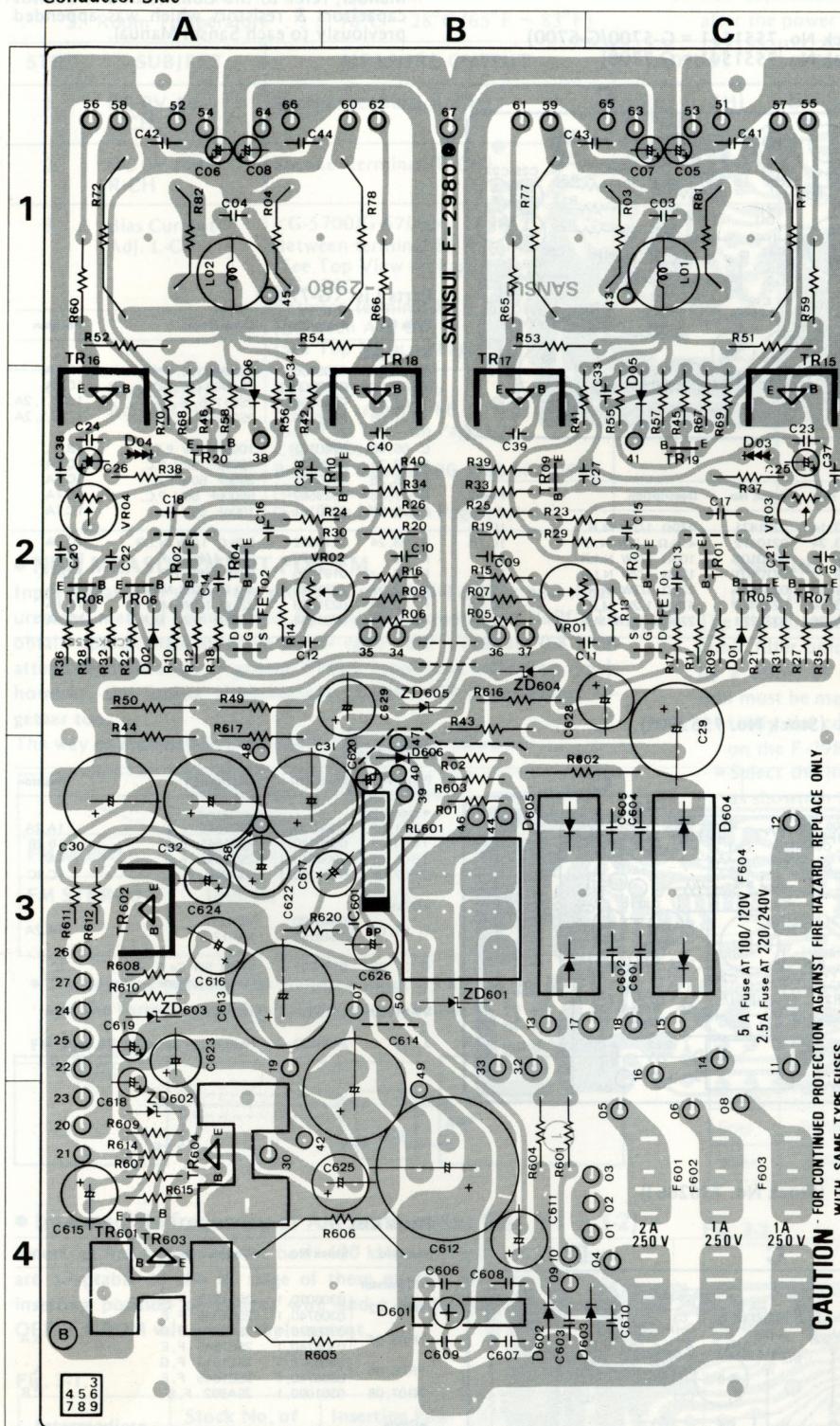
Conductor Side



• Abbreviations

C.R.	Carbon Resistor
S.R.	Solid Resistor
Ce.R.	Cement Resistor

4-4. F-2980 Power Amplifier Circuit Board (Stock No. 7572341 = G-5700) (Stock No. 7572591 = G-6700)
 Conductor Side
 (Stock No. 7572331 = G-7700)

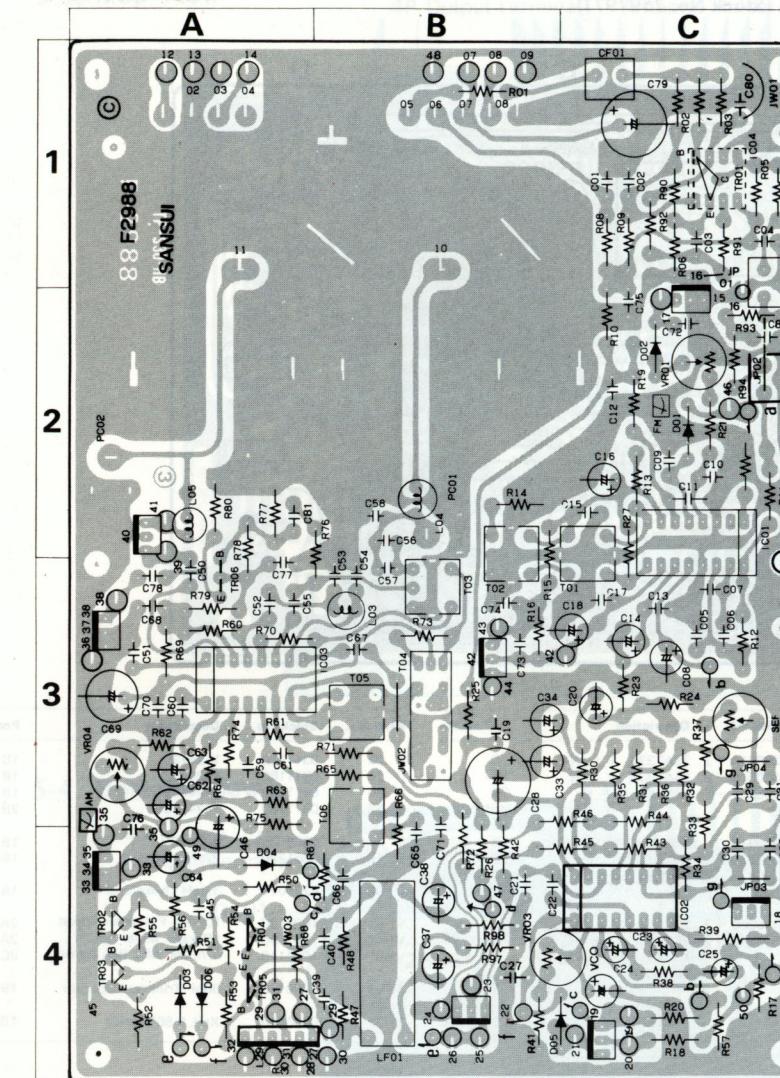


Parts List <G-5700/7700>

Parts No.	Stock No.	Description	Position
● Transistor			
TR01, 02	0306740, 1	2SC1845 F, E	2C.2A
TR03, 04	0306740, 1	2SC1845 F, E	2C.2A
TR05, 06	{ 0300721, 2 0301030, 1	{ 2SA850 D, E 2SA939 B, V <G-5700 only> <G-6700/G-7700 only>	2C.2A
TR07, 08	{ 0300721, 2 0301030, 1	{ 2SA850 D, E 2SA939 B, V <G-5700 only> <G-6700/G-7700 only>	2C.2A

Parts No.	Stock No.	Description	Position
0303441, 2	2SB527 D, E	<G-5700 only>	
TR17, 18	0303371, 2	2SB536 (2) M, L	2B
0301070, 1	2SA9688 O, Y	<G-7700 only>	
0301090, 1	2SA992 F, E	<G-5700 only>	
TR19, 20	0301030	2SA939B	2C.2A
TR601	0306740, 1	2SC1845 F, E	4A
TR602	0303232	2SB507V11-AL E	3A
TR603	0308392, 3	2SD313AL E, F	4A
TR604	0308393	2SD313AL F	4A
● IC			
IC 601	0360900	HA12002	3B
● FET			
FET01, 02	{ 0370311, 2 0390361, 2	{ 2SK129A L, M <G-5700/G-7700 only> μPA68H L1, L2 <G-6700 only>	2C.2A
● Diode			
D 01, 02	{ 0311160 0311180	{ 1S2473D 1S1588	2C.2A
D 05, 06	{ 0311160 0311180	{ 1S2473D 1S1588	2C.2A
D 601	0311700	RB-152	4B
D 602	03010350	10D2	4B
D 603	0310350	10D2	4C
D 604	0311310	SS-5	3C
D 605	0311320	SS-5R	3B
D 606	0310350	10D2	3B
ZD601	0317170	RD-24F (B)	3B
ZD602	0317220	RD-30F (C)	
ZD602	0317230	<G-5700/G-6700 only> RD-33F (B)	4A
ZD603	0317220	<G-7700 only>	
ZD603	0317230	<G-5700/G-6700 only> RD-33F (B)	3A
ZD604, 605	{ 0317110 0317120	{ RD-18F (B) RD-18F (C)	2B
ZD606	0316320	RD13E C	
C 41 ~ 44	0659804	0.001μF 150V C.C. <G-5700 only>	1C.1A
C 41 ~ 44	0655103	10000pF 500V C.C. <G-6700/G-7700 only>	1C.1A
C 601	0655472	4700pF 500V C.C.	3C
C 602	0655472	4700pF 500V C.C.	3C
C 603	0655472	4700pF 500V C.C.	4B
C 604	0655472	4700pF 500V C.C.	3C
C 605	0655472	4700pF 500V C.C.	3C
C 606	0655472	4700pF 500V C.C.	4B
C 607	0655472	4700pF 500V C.C.	4B
C 608	0655472	4700pF 500V C.C.	4B
C 609	0655472	4700pF 500V C.C.	4B
C 610	0655472	4700pF 500V C.C.	4C
C 612	0549207	1000pF 63V E.C.	4B
R 03, 04	0212479,	4.7Ω 2W N.I.R.	1C.1A
R 81, 82	0212109	1Ω 2W N.I.R.	1C.1A
R 601	0201122	1.2kΩ 1W N.I.R.	4B
R 604	0201102	1.0kΩ 1W N.I.R.	4B
R 604	0185391	39Ω 0.5W Ce.R. <G-5700 only>	
R 605, 606	0135271	27Ω 0.5W Ce.R. <G-6700 only>	4B
R 605, 606	0185331	33Ω 0.5W Ce.R. <G-7700 only>	
R 616, 617	0212182	1.2kΩ 1W N.I.R. <G-5700 only>	2B.2, 3A
R 616, 617	0212182	1.8kΩ 2W N.I.R. <G-5700 only>	2B.2, 3A
L 01, 02	4290370	1μH Filter Coil	1C.1A
RL601	{ 1150400 1150480	{ }	3B
VR01, 02	1034150	100ΩB, DC 0V Adjust	2B
VR03, 04	1034150	100ΩB, Bias Current Adjust	2C.2A
F 601	0432240	2A 250V AC Fuse	4C
F 602, 603	0432240	1A 250V AC Fuse <G-6700 only>	4C
F 602, 603	0432240	2A 250V AC Fuse <G-6700 only>	4C
F 604	0432260	3A 250V AC Fuse <G-5700 only>	
F 604	0432300	6A 125V AC Fuse <G-5700 only>	3C
F 604	0431320	10A 250V AC Fuse	3C
F 604	0431270	4A 250V AC Fuse	3C
F 604	0432500	7A 125V AC Fuse <G-6700 only>	3C

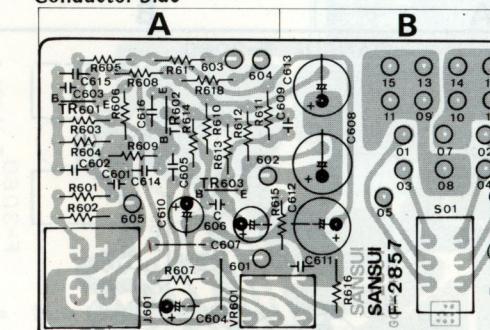
4-5. F-2988 Tuner Circuit Board (Stock No. 7522281 = G-5700/G-6700)
 Conductor Side
 (Stock No. 7572261 = G-7700)



● G-6700/G-7700

4-6. F-2857 Mic Amp. Circuit Board (Stock No. 7610461)

Conductor Side



Parts List

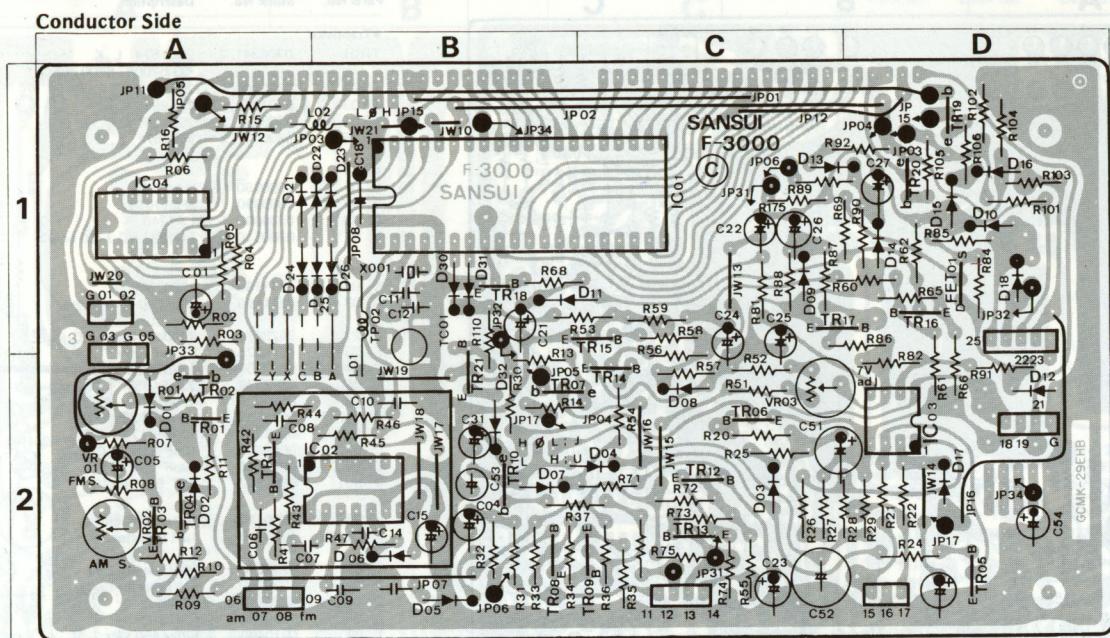
Parts No.	Stock No.	Description	Position
● Transistor			
TR601	0306740, 1	2SC1845 F, E	A
TR602	0301090, 1	2SA992 F, E	A
TR603	0306740, 1	2SC1845 F, E	B
R 617	0191470	47Ω 1/4W F.R.	A
R 618	0191470	47Ω 1/4W F.R.	B
VR601	1090340, 1	20kΩA x 2, mic level volume	A
J 601	2430400	MIC Jack	A

Parts List <G-5700/G-6700/G-7700>

Parts No.	Stock No.	Description	Position
● Transistor			
TR01	0306341, 2	2SC1674 L, K <G-5700/G-6700 only>	1C
TR02	0306740, 1	2SC1845 F, E	4A
TR03	0301090, 1	2SA992 F, E	4A
TR04, 05	0306581, 2	2SC1634-6, 7	4A
TR06	0306341, 2	2SC1674 L, K	3A
● IC			
IC 01	0360930	HA11225	2C
IC 02	0360990	μPC161C	4C
IC 03	0360800	LA1240	3A
IC 04	0360510	LA1222 <G-7700 only>	1C
● Diode			
D 01, 02	{ 0311160 0311180	{ 1S2473D 1S1588	2C
D 03 ~ 06	0311160	1S2473D	4A, C
C 21	0622471	4700pF 125V P.C.	4B
C 23	0573228	0.22μF 35V T.C.	4C
C 24	0573159	1.5μF 35V T.C.	4C
C 25	0573339	3.3μF 35V T.C.	4C
C 26	0629006	470pF 50V P.C.	4C
C 31, 32	0622561	560pF 125V P.C.	3C, 4C
C 56	0622391	390pF 125V P.C.	2B
C 57	0669210	10pF 50V C.C.	3B
C 58	0669406	22pF 50V C.C.	2B
C 901	0669502	2pF 50V C.C.	2B
L 03	4900110	100μH Inductor	3B
L 04, 05	4900140	1μH Inductor	2B, 2A
T 01	4236230	FM Detector Coil	2C
T 02	4236240	FM Detector Coil	2B
T 03	4220710	OSC Coil	3B
T 04	0910490	Filter 450 kHz	3B
T 05	4230620	IF Coil 455 kHz	3B
T 06	0910450	Filter Coil	3B
CF 01, 02	0990060	Ceramic Filter <G-5700/G-6700 only>	1C
CF 01 ~ 03	0910480	Ceramic Filter <G-7700 only>	1C, 2C
LF 01	0910220	Low Pass Filter	4B
VR01	1035150	22kΩB, FM Muting Volume	2C
VR02	1035210	220ΩB, Separation Volume	3C

• G-5700/G-6700/G-7700

4-8. F-3000 Digitally Display Circuit Board (Stock No. 7597971)



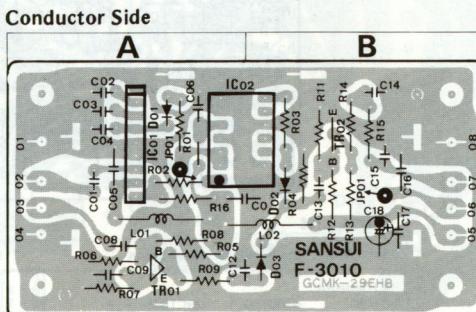
Parts List

Parts No.	Stock No.	Description	Position	Parts No.	Stock No.	Description	Position	Parts No.	Stock No.	Description	Position	
• Transistor												
TR01	0305951 ~ 3	2SC945 Q, P, K	2A	TR19	0300510 ~ 2	2SA733A P, Q, R	1D	D 23	0311160	1S2473D	1B	
TR02	0300510 ~ 2	2SA733A P, Q, R	2A	TR20	0300510 ~ 2	2SA733A P, Q, R	1D	D 26	0311160	1S2473D	1B	
TR03	0305951 ~ 3	2SC945 Q, P, K	2A	TR21	0305951 ~ 3	2SC945 Q, P, K	2B	D 30	0311160	1S2473D	1B	
TR04	0300510 ~ 2	2SA733A P, Q, R	2A					D 32	0311160	1S2473D	2B	
TR05	0305951 ~ 3	2SC945 Q, P, K	2D									
TR06	0305951 ~ 3	2SC945 Q, P, K	2C	●IC	IC 01	0360910	MSM5540RS	1B	C 11	0669508	8pF 50V C.C.	1B
TR07	0300510 ~ 2	2SA733A P, Q, R	2B	IC 03	0360770	NJM4558D	2D	C 12	0661220	22pF 50V C.C.	1B	
TR08	0305951 ~ 3	2SC945 Q, P, K	2B	IC 04	0360830	BA658	1A	L 01	4290011	3.5μH Choke Coil	1B	
TR09	0305951 ~ 3	2SC945 Q, P, K	2C					VR01	1035130	10kΩB, FM Meter Adjust	2A	
TR10	0300510 ~ 2	2SA733A P, Q, R	2B	FET01	[0370300 ~ 3]	2SK117 O, Y, GR, BL	1D	VR02	1035190	100kΩB, Meter Adjust	2A	
TR12	0305951 ~ 3	2SC945 Q, P, K	2C	[0370340 ~ 7]	2SK163 K1, K2, L1, L2, M1, M2, N1, N2		VR03	1035110	4.7kΩB, AFC Bias Adjust	2C		
TR13	0305951 ~ 3	2SC945 Q, P, K	2C					TC 01	1230150	30pF Trimmer Capacitor	1B	
TR14	0305951 ~ 3	2SC945 Q, P, K	2C					XO01	0930040	Xtal, 6.5536 MHz	1B	
TR15	0305951 ~ 3	2SC945 Q, P, K	1C									
TR16	0305951 ~ 3	2SC945 Q, P, K	1D									
TR17	0305951 ~ 3	2SC945 Q, P, K	1C									
TR18	0305951 ~ 3	2SC945 Q, P, K	1B									

• G-5700/G-6700/G-7700

4-9. F-3010 Pre Scaler Circuit Board

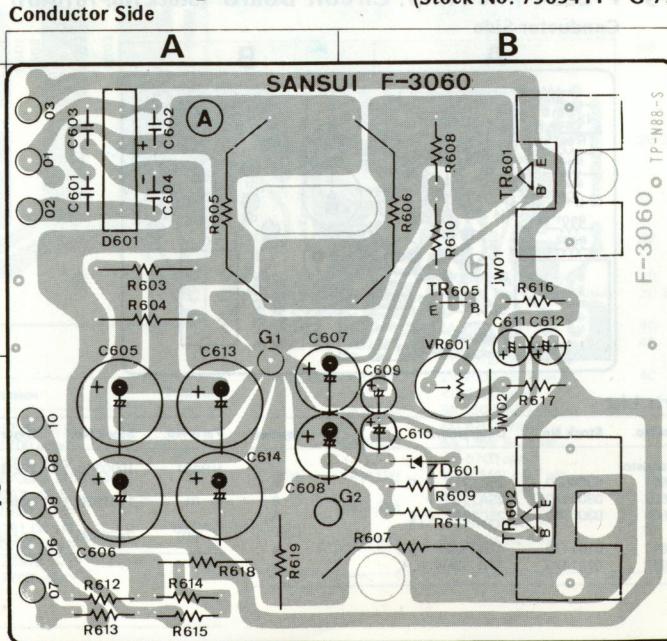
(Stock No. 7597981)



Parts List

Parts No.	Stock No.	Description	Position
• Transistor			
TR01	0306341, 2	2SC1674 L, K	A
TR02	0306341, 2	2SC1674 L, K	B
• IC			
IC 01	0361130	AN6821	A
IC 02	0361120	SN74LS90N	A
• Diode			
D 01	0311160	1S2473D	A
D 02	0311160	1S2473D	B
D 03	0311160	1S2473D	B
L 01	4290011	3.5μH Choke Coil	A
L 02	4290011	3.5μH Choke Coil	B

4-10. F-3060 Power Supply Circuit (Stock No. 7503461 = G-5700)
(Stock No. 7503901 = G-6700)
(Stock No. 7503411 = G-7700)

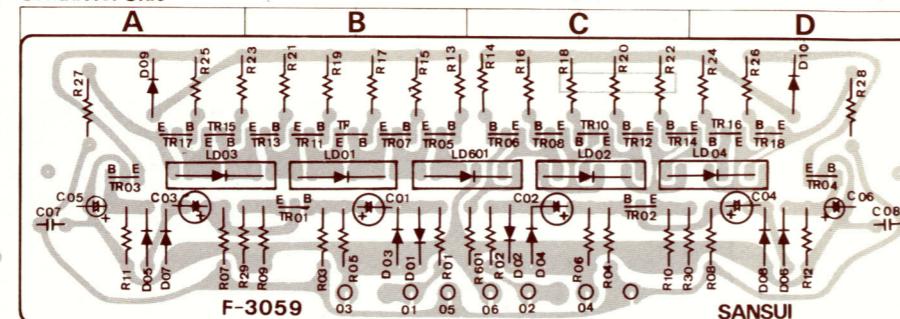


Parts List (F-3060) <G-5700/G-6700/G-7700>

Parts No.	Stock No.	Description	Position
● Transistor			
TR601	0308392, 3	2SD313AL E, F	1B
TR602	0303231, 2	2SB507V11-AL D, E	2B
TR603	0306740, 1	2SC1845 F, E <G-5700 only>	
TR604	0306721, 2	2SA850 D, E	
TR605	0306740, 1	<G-5700/G-7700 only> 2SC1845 F, E	1B
TR606	0306740, 1	<G-5700/G-6700 only> 2SC1845 F, E	
● Diode			
D 601	0311700	RB-152	1A
D 602	0340161	STV-3HY <G-5700 only>	
D 602	0340170	MV-103 <G-6700/G-7700 only>	
ZD601	0316330	RD15E B	2B
C 601	0655472	4700pF 500V C.C.	1A
C 602	0655472	4700pF 500V C.C.	1A
C 603	0655472	4700pF 500V C.C.	1A
C 604	0655472	4700pF 500V C.C.	1A
R 603	0201472	4.7kΩ 1W N.I.R.	1A
R 604	0201472	4.7kΩ 1W N.I.R.	1A
R 605	0185471	470Ω 5W Ce.R.	1A
R 606	0155221	220Ω 5W Ce.R.	1B
R 607	0183391	390Ω 3W Ce.R.	2B
VR601	1035110	4.7kΩ B, DC Voltage Adjust	2B

4-11. F-3059 Power Indicator Circuit Board (Stock No. 7598161 = G-5700) (Stock No. 7599141 = G-6700) (Stock No. 7597951 = G-7700)

Conductor Side



Parts List <G-5700/G-6700/G-7700>

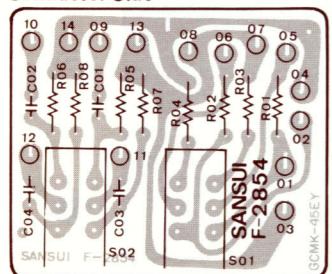
Parts No.	Stock No.	Description	Position	Parts No.	Stock No.	Description	Position
● Transistor				● Diode			
TR01, 02	0305951, 2	2SC945 Q, P	B.C.	D 01, 02	0310330	1N60	B.C.
TR03, 04	0300510, 1	2SA733A P, Q	A.D.	D 03, 04	0311160	1S2473D	B.C.
TR05, 06	0300510, 1	2SA733A P, Q	B.C.	D 05, 06	0311160	1S2473D	A.D.
TR07, 08	0300510, 1	2SA733A P, Q	B.C.	D 07, 08	0311160	1S2473D	A.D.
TR09, 10	0300510, 1	2SA733A P, Q	B.C.	D 09, 10	0311160	1S2473D	A.D.
TR11, 12	0300510, 1	2SA733A P, Q	B.C.	LD01, 02	0319310	LN07202P	B.C.
TR13, 14	0300510, 1	2SA733A P, Q	B.C.	LD601	0319300	LN417YP	B.C.
TR15, 16	0300510, 1	2SA733A P, Q	A.D.				
TR17, 18	0300510, 1	2SA733A P, Q	A.D.	C 05, 06	0573338	0.33μF 35V C.C.	A.D.

- The circuit boards, F-2854, F-2860, F-3058, F-3093 & F-2981 are not supplied as the assembled, the individual parts on the circuit boards, however are provided for orders.

● G-5700/G-6700/G-7700

4-12. F-2854 Audio Muting Circuit Board

Conductor Side

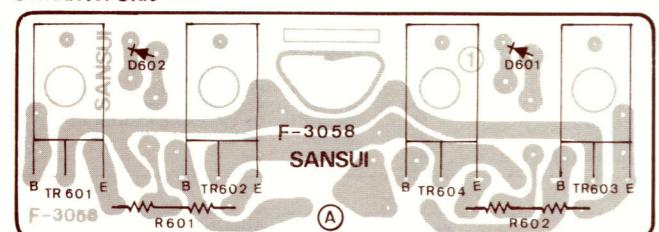


Parts List

Parts No.	Stock No.	Description
C 01, 02	0620471	470pF 50V P.C.
S 01	1131560, 1	Audio Muting & Loudness Switch

4-14. F-3058 Power Transistor Circuit Board

Conductor Side



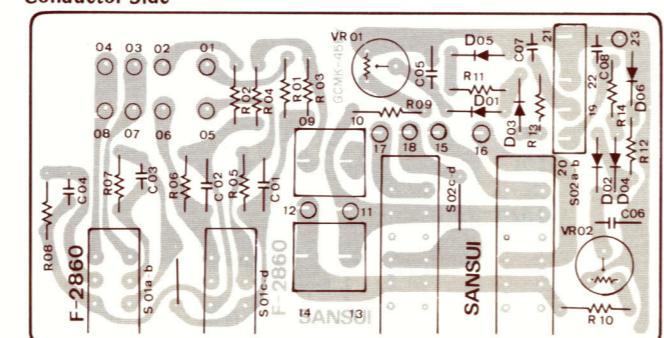
Parts List <G-6700/G-7700>

Parts No.	Stock No.	Description	
● Transistor			
TR601	0306810, 1	2SC2581NLB O, Y	
TR602	0301140, 1	2SA1106NLB O, Y	
TR603	0306810, 1	2SC2581NLB O, Y <G-7700 only>	
TR604	0301140, 1	2SA1106NLB O, Y <G-7700 only>	
R 601	0159190	0.33ΩK x 2 5W Ce.R.	
R 602	0159190	0.33ΩK x 2 5W Ce.R. <G-7700 only>	

● G-6700/G-7700

4-13. F-2860 Speaker Switch Circuit Board

Conductor Side

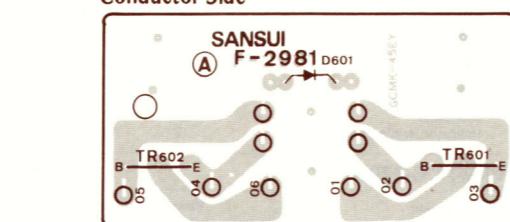


● G-5700

4-15. F-2981 Power Transistor Circuit Board <L-CH>

4-16. F-3093 Power Transistor Circuit Board <R-CH>

Conductor Side



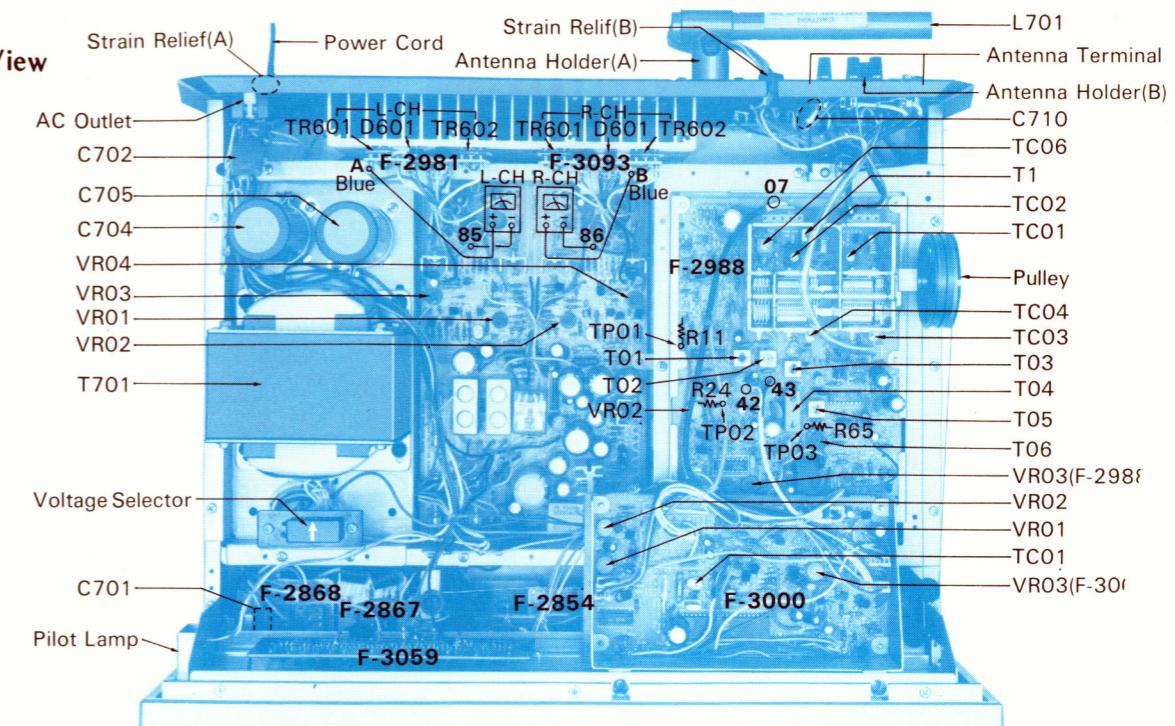
Parts List <L-CH/R-CH>

Parts No.	Stock No.	Description	
● Transistor			
TR601	0306760, 1	2SC2580NLB O, Y	
TR602	0301110, 1	2SA1105NLB O, Y	
● Diode			
D 601	0340161, 2	STV-3H Y, G	
R 601	0159190	0.33ΩK x 2 5W Ce.R.	
R 602	0159190	0.33ΩK x 2 5W Ce.R. <G-7700 only>	

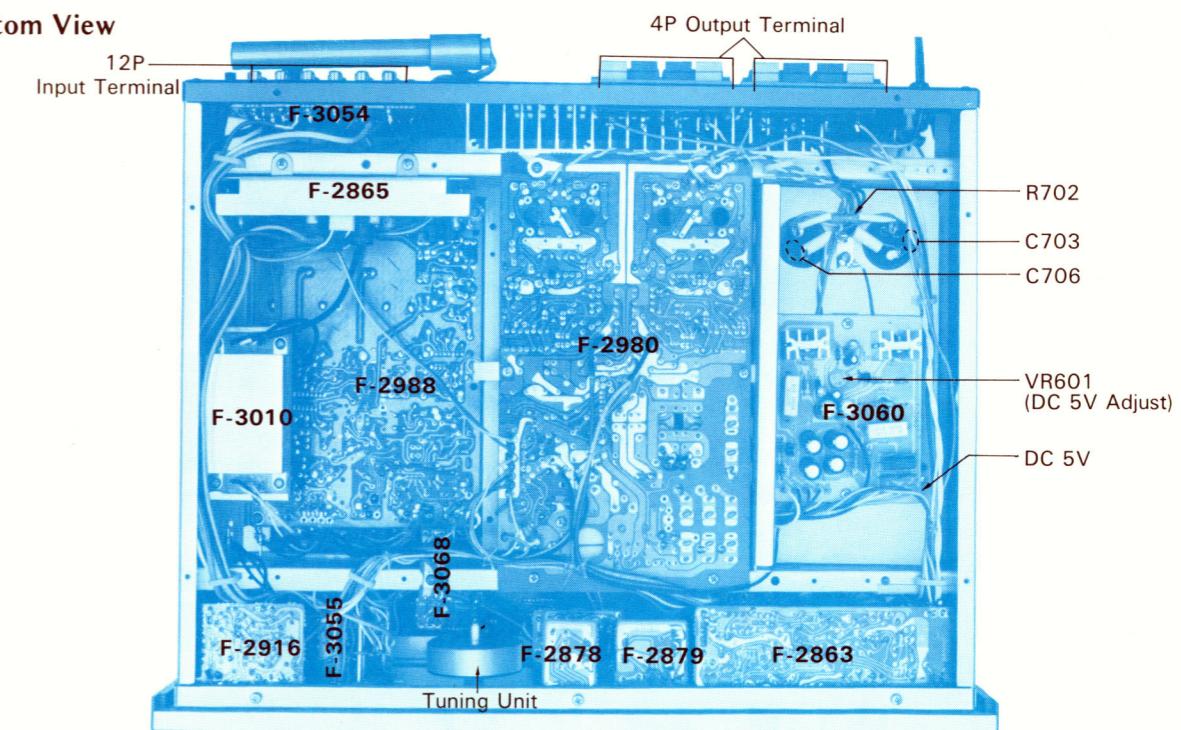
5. OTHER PARTS

● G-5700

5-1. Top View



5-2. Bottom View

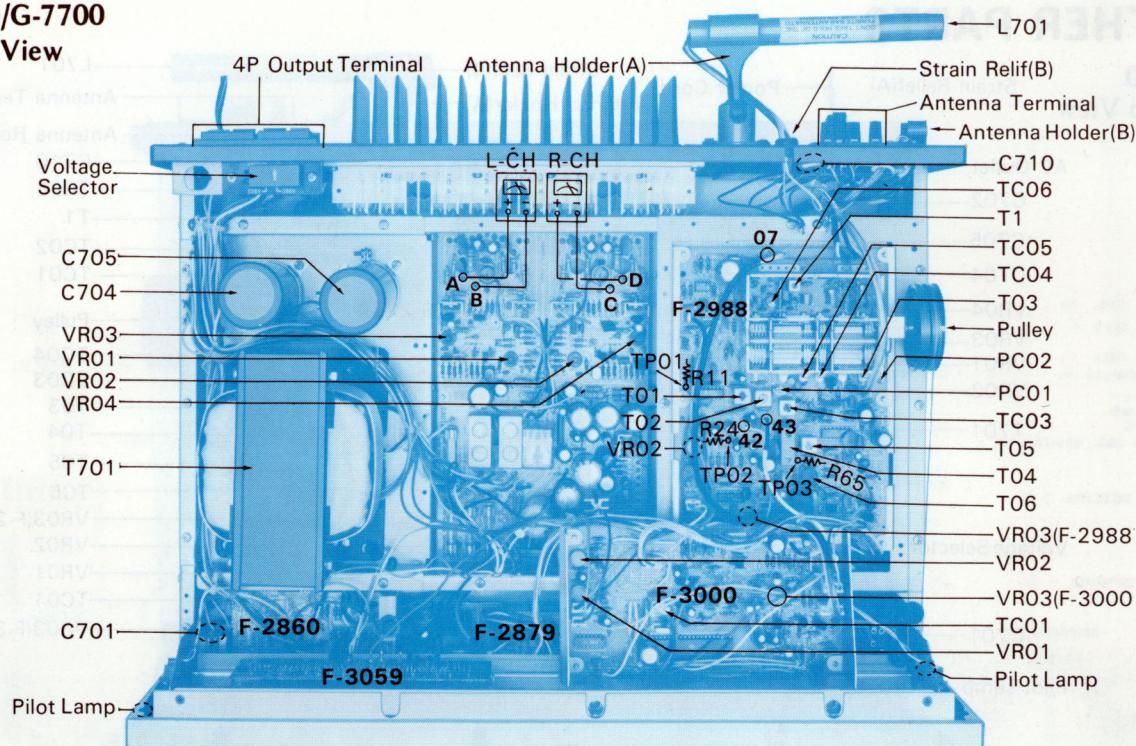


Parts List <Top & Bottom View>

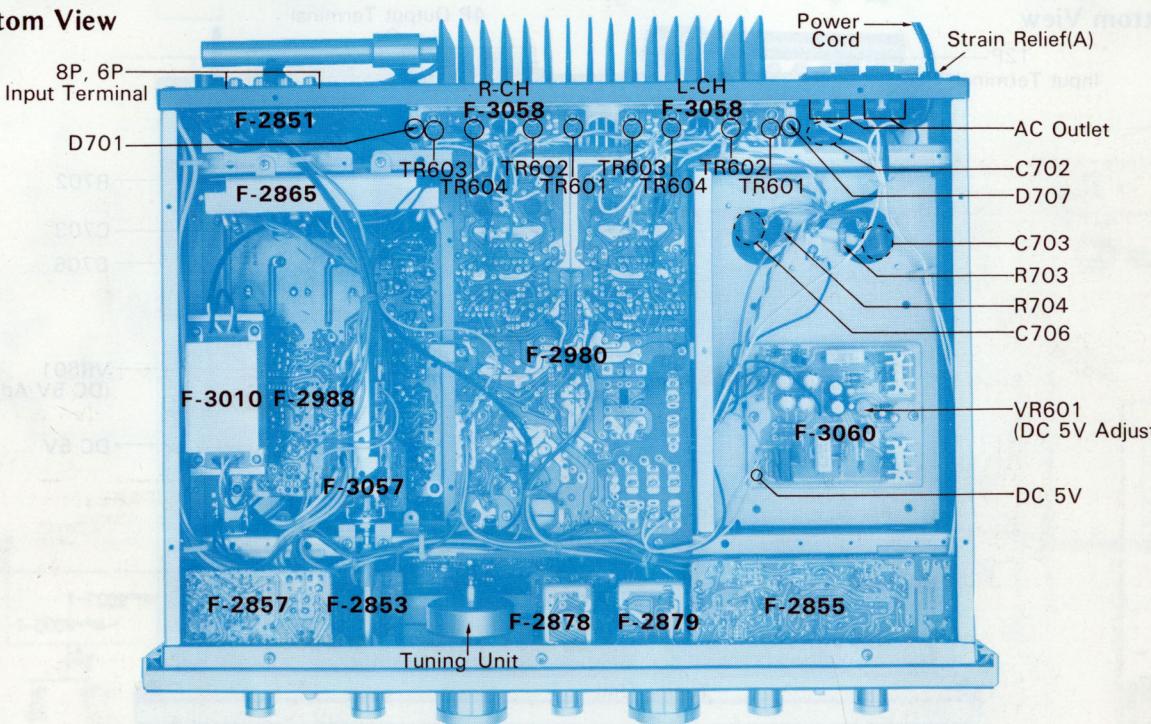
Parts No.	Stock No.	Description
● Power Transistor		
TR601	0301110, 1	2SA1105NLB-O, Y
TR602	0306760, 1	2SC2580NLB-O, Y
● Varistor		
D 601	0340161, 2	STV-3H Y, G
C 701	0605337	0.033μF 150V C.C.
C 702	0659802	0.0047μF 150V C.C.
L 701	4201010	0.1μF 100V M.C.
T 701	4003100	8200μF 63V E.C.
C 703	0602108	8200μF 63V E.C.
C 704	0559524	8200μF 63V E.C.
C 705	0559524	8200μF 63V E.C.
● AC Outlet		
2410091	2410830	6P Voltage Selector, plug
2450070	2450070	10P Voltage Selector, socket
6146800	6146800	Pulley
7036622	7036622	Tuning Unit
5286450	5286450	Bar Antenna Holder (A)
5286480	5286480	Bar Antenna Holder (B)
3910490	3910490	Strain Relief (A)
3910600	3910600	Strain Relief (B)
2200490	2200490	12P Input Terminal

● G-6700/G-7700

5-3. Top View



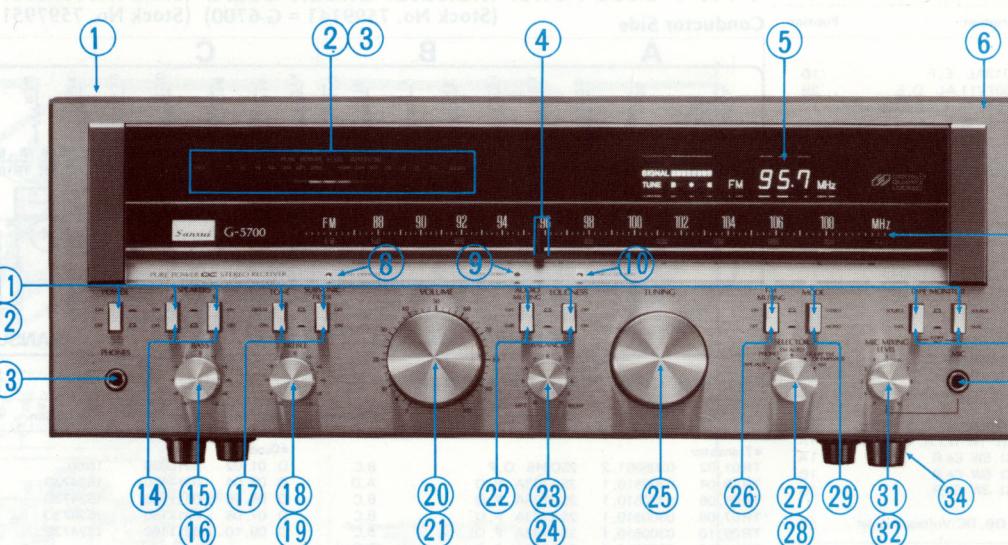
5-4. Bottom View



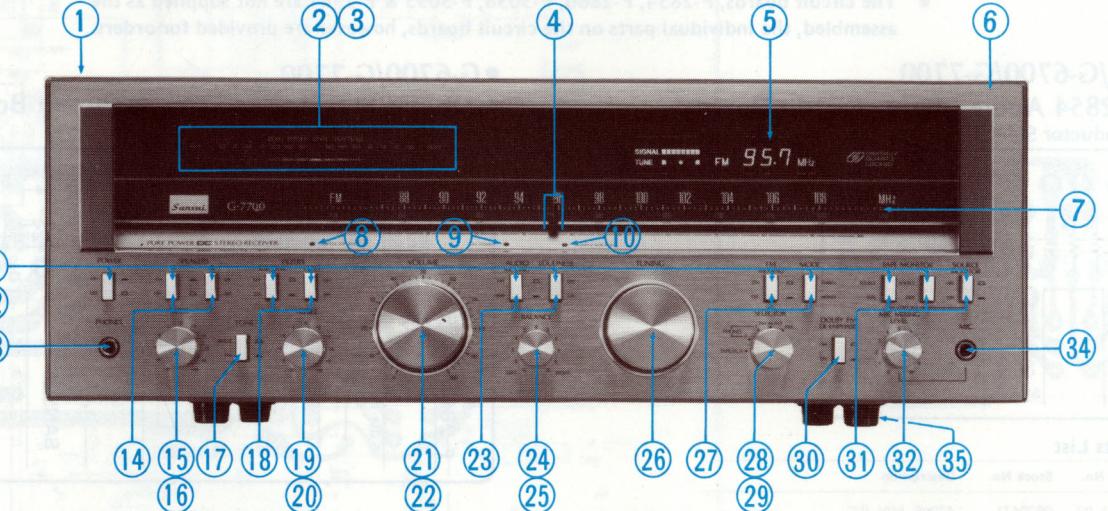
Parts List <Top & Bottom View>

Parts No.	Stock No.	Description	Parts No.	Stock No.	Description	Parts No.	Stock No.	Description	
●Power Transistor			C 704, 705	0559852	10000μF 80V E.C. <G-7700 only>	2210310	Antenna Terminal	8 0319050	Indicator, safety operate (green)
TR601	0306810, 1	2SC2581NLB-O, Y	C 705	0559849	10000μF 71V E.C. <G-6700 only>	2290190	4P Output Terminal	9 0319060	Indicator, FM stereo (red)
TR602	0301140, 1	2SA1106NLB-O, Y	C 706	0602109	1μF 100V M.C.	2410091	6P Voltage Selector, plug	10 0319050	Indicator, quartz locked (green)
TR603	0306810, 1	2SC2581NLB-O, Y	C 710	0620682	6800μF 50V P.C.	2410830	10P Voltage Selector, socket	11 5319470	Push Switch Knob
TR604	0301140, 1	2SA1106NLB-O, Y	R 703	0202392	3.9kΩ 2W N.I.R.	6146800	AC Outlet	12 1131890	Power Switch
●Varistor			R 704	0202392	3.9kΩ 2W N.I.R.	7036623	Pulley	13 2430400	Head Phone Jack
D 701	0340161, 2	STV-3H Y, G	L 701	4201010	Bar Antenna	5286450	Bar Antenna Holder (A)	14 1131580, 1	Speakers Switch
D 702	0340161, 2	STV-3H Y, G	T 701	4003320	Power Transformer <G-6700 only>	5286480	Bar Antenna Holder (B)	15 5319470	Knob, bass volume
C 701	0605337	0.033μF 350V M.C.		4003090	Power Transformer <G-7700 only>	3910490	Strain Relief (A)	16 1015360, 1	Bass Volume, 100kΩ x 2
C 702	0659802	0.0047μF 150V C.C.		0400710	Pilot Lamp 8V 300mA	3910600	Strain Relief (B)	17 1131630, 1	Tone Switch
C 703	0602109	1μF 100V M.C.		3800470, 1	Power Cord	2200480	8P Input Terminal	18 1131560, 1	Filters Switch
						2200530	6P Input Terminal	19 5319470	Knob, treble volume

5-5. Front View <G-5700>



5-6. Front View <G-6700/G-7700>



Parts List (Front View) <G-5700>

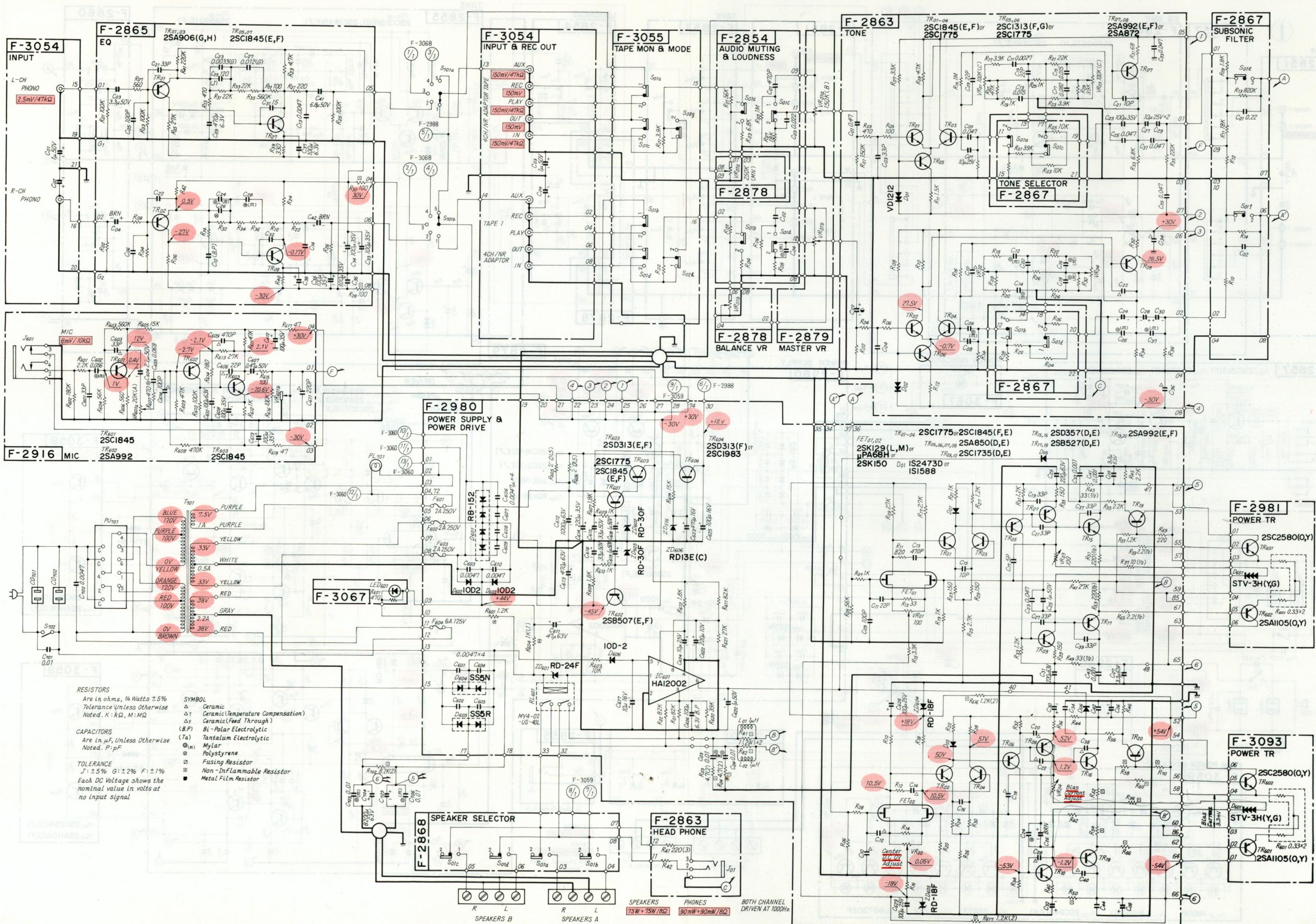
Parts No.	Stock No.	Description	Parts No.	Stock No.	Description	Parts No.	Stock No.	Description
1	5727162	Wood Bonnet	9	0319060	Indicator, FM stereo (red)	22	1131560, 1	Audio Muting & Loudness Switch
2	5446470	Smoked Plate	10	0319050	Indicator, quartz locked (green)	23	5319460	Knob, balance volume
3	5426520	LED Guide Plate	11	5319470	Push Switch Knob	24	1015340, 1	Balance Volume, 250kΩ x 2 MN
4	7116101	Dial Pointer	12	1131890	Power Switch	25	5319410	Knob, tuning
5	0030060	Display Unit	13	2430400	Head Phone Jack	26	1131560, 1	FM Muting Switch
6	7008430	Front Panel Ass'y	14	1131580, 1	Speakers Switch	27	5319470	Knob, selector
	5048430	Masking Plate	15	5319470	Knob, bass volume	28	1103600, 1	Selecter Switch
	5396780	Knob Guide	16	1015360, 1	Bass Volume, 100kΩ x 2	29	1131590, 1	MODE Switch
	5408311	Front Glass	17	1131570, 1	Tone & Subsonic Filter SW	30	1131560, 1	FM Muting Switch
	5457620	Dial Flame	18	5319470	Knob, treble volume	31	5319460	Knob, mic level volume
	5517270	Masking Sheet	19	1015360, 1	Treble Volume, 100kΩ x 2	32	1090340, 1	Mic Level Volume, 20kΩ x 2
7	5408720	Dial Glass	20	5319420	Knob, master volume	33	2430400	Mic Jack
8	0319050	Indicator, safety operate (green)	21	1011160, 1	Master Volume, 150kΩ x 2B	34	5516821	Leg

Parts List (Front View) <G-6700/G-7700>

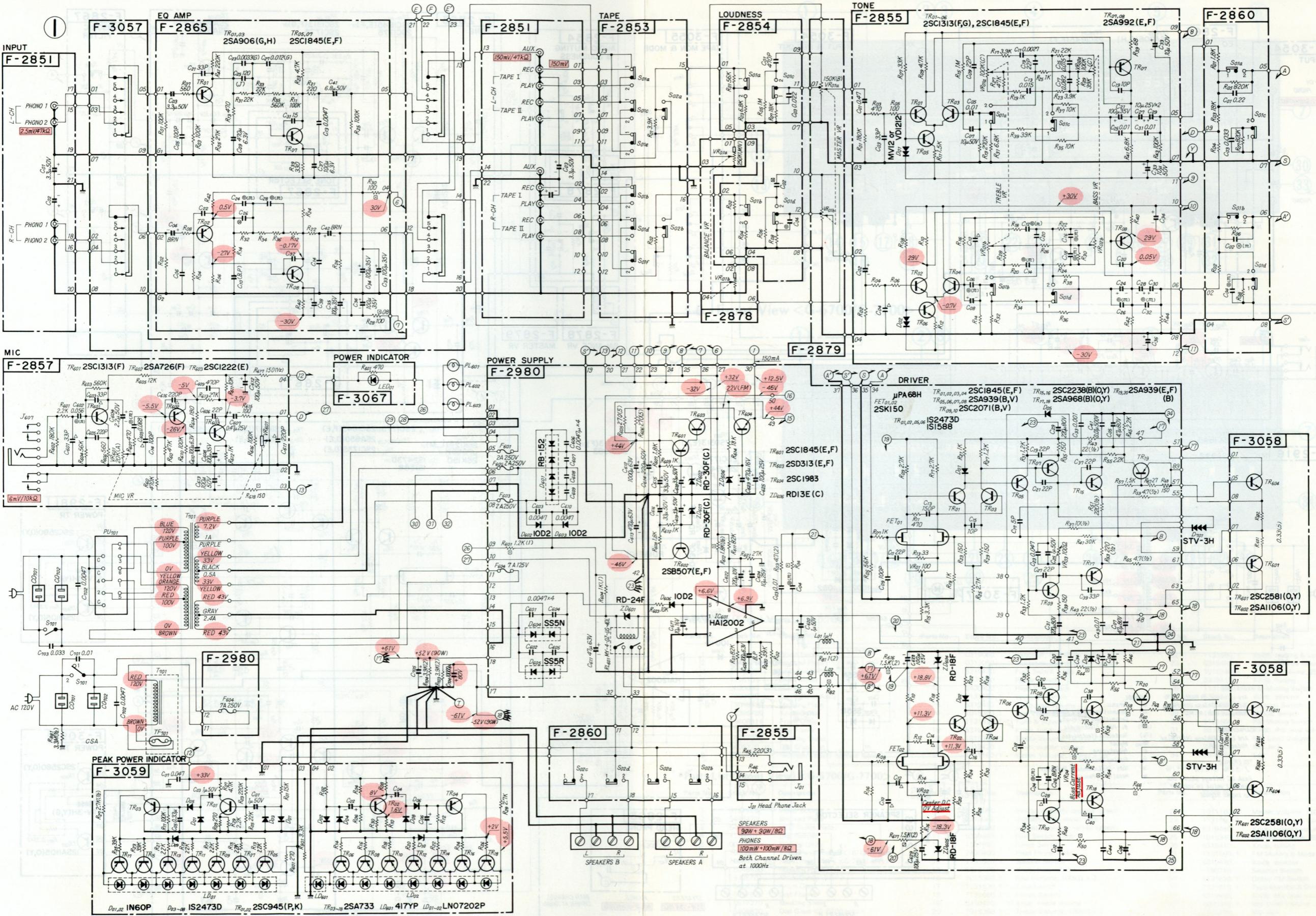
Parts No.	Stock No.	Description	Parts No.	Stock No.	Description	Parts No.	Stock No.	Description
1	5727172	Wood Bonnet	8	0319050	Indicator, safety operate (green)	22	1011160, 1	Master Volume, 150kΩ x 2B
2	5446470	Smoked Plate	9	0319060	Indicator, FM stereo (red)	23	1131560, 1	Audio Muting & Loudness Switch
3	5426521	LED Guide Plate	10	0319050	Indicator, quartz locked (green)	24	5319460	Knob, balance volume
4	7116101	Dial Pointer	11	5319491	Push Switch Knob	25	1015340, 1	Balance Volume, 250kΩ x 2 MN
5	0030060	Display Unit	12	1131890	Power Switch	26	5319410	Knob, tuning
6	7008630	Front Panel Ass'y <G-6700 only>	13	2430400	Head Phone Jack	27	1131600, 1	FM Muting & Mode Switch
	5048430	Front Panel Ass'y <G-7700 only>	14	1131580, 1	Speaker Switch	28	5319470	Knob, selector
	5396781	Knob Guide	15	5319470	Knob, bass volume	29	1190710	Selecter Switch
	5408700	Front Glass	16	1015360, 1	Bass Volume, 100kΩ x 2	30	1131620, 1	Dolby FM Switch
	5457620	Dial Flame	17	1131630, 1	Tone Switch	31	1131610, 1	Tape Monitor & Source Monitor Switch
	5517270	Masking Sheet	18	1131560, 1	Filters Switch	32	5319460	Knob, mic level volume
7	5408710	Dial Glass <G-7700 only>	19	5319470	Knob, treble volume	33	1090340, 1	Mic Level Volume, 20kΩ x 2
			20	1015360, 1	Treble Volume, 100kΩ x 2	34	2430400	Mic Jack
			21	5319420	Knob, master volume	35	5516821	Leg

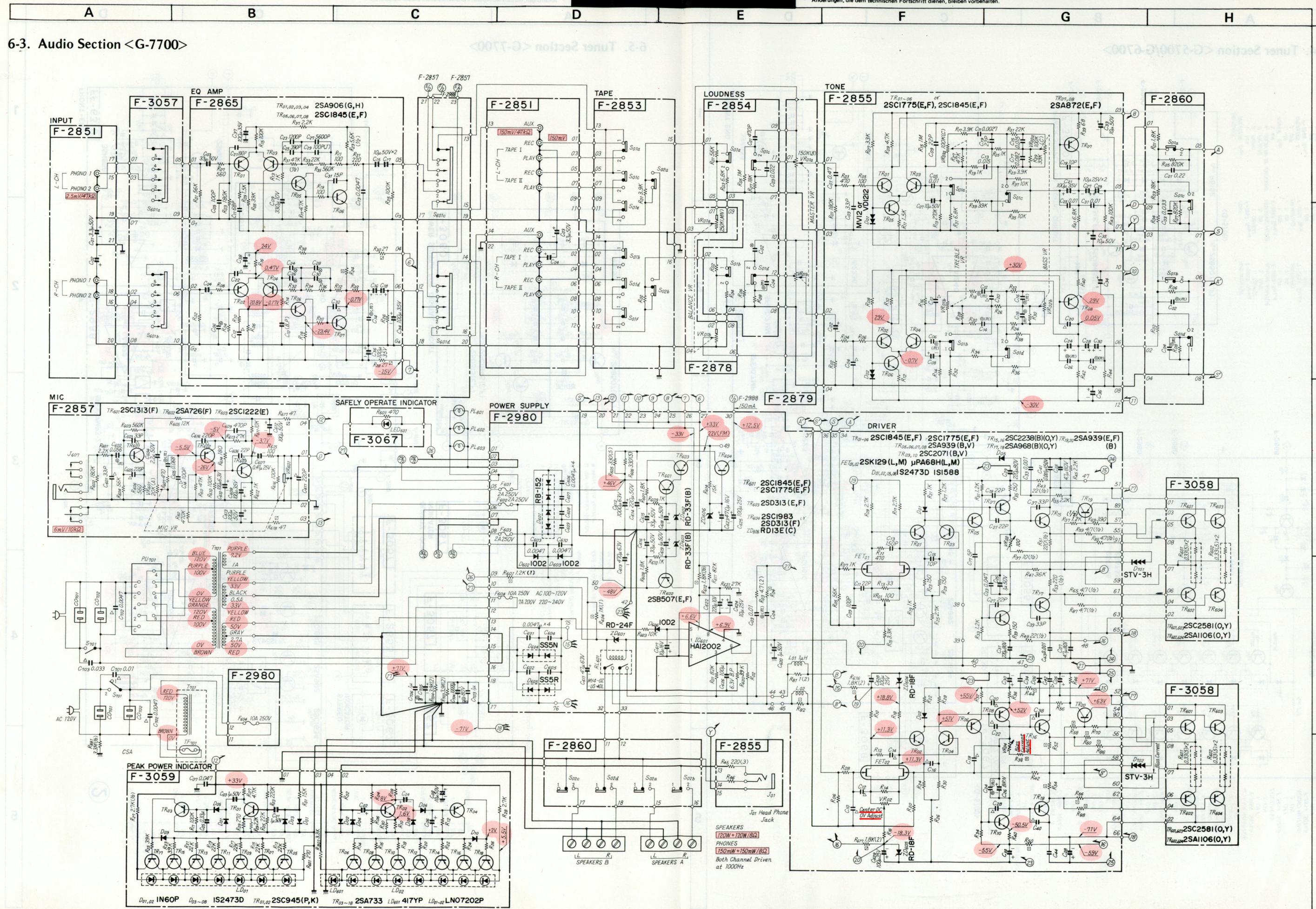
- Design and specifications subject to change without notice for improvement.
- La présentation et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
- Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.

6. SCHEMATIC DIAGRAM 6-1. Audio Section <G-5700>

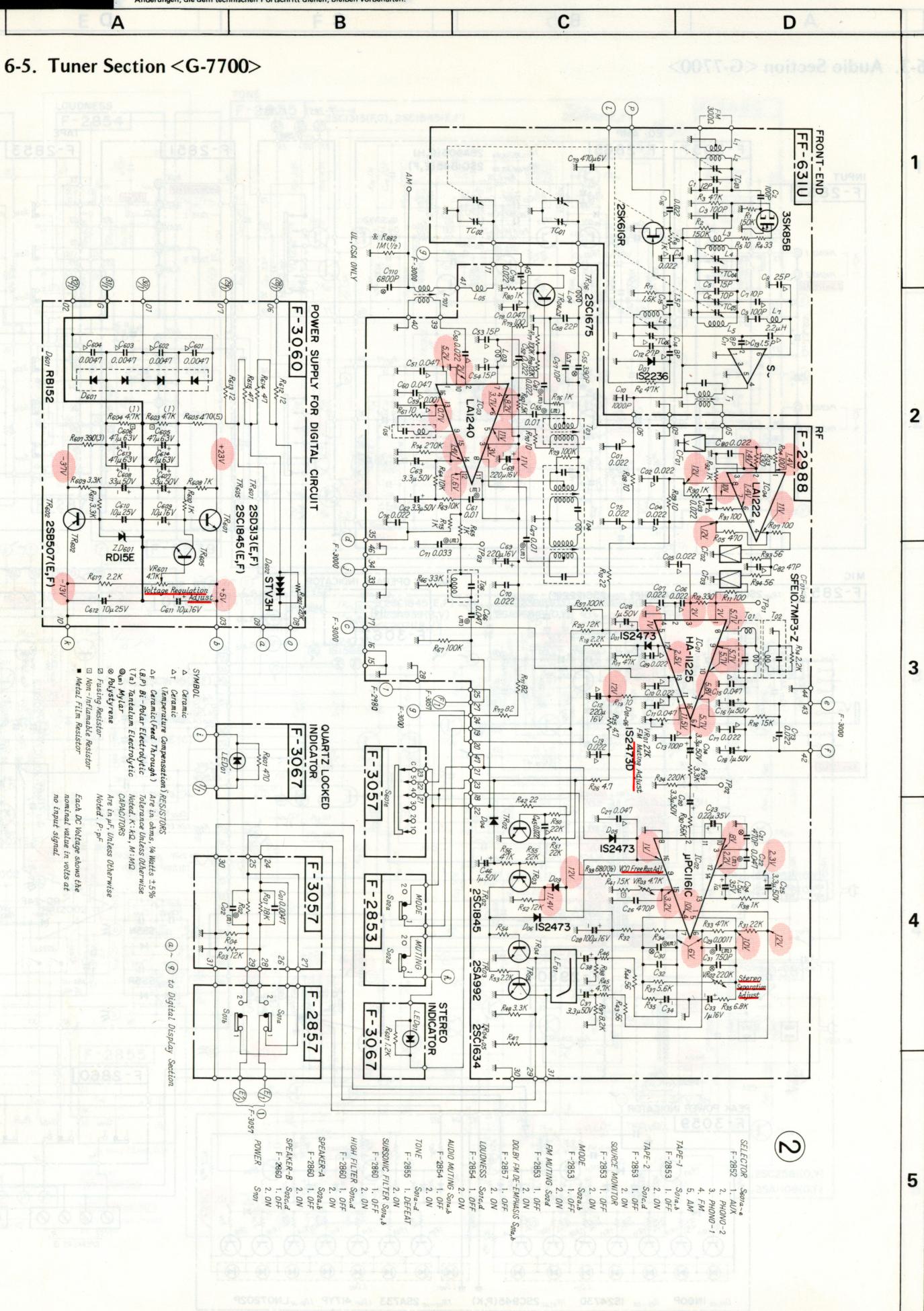
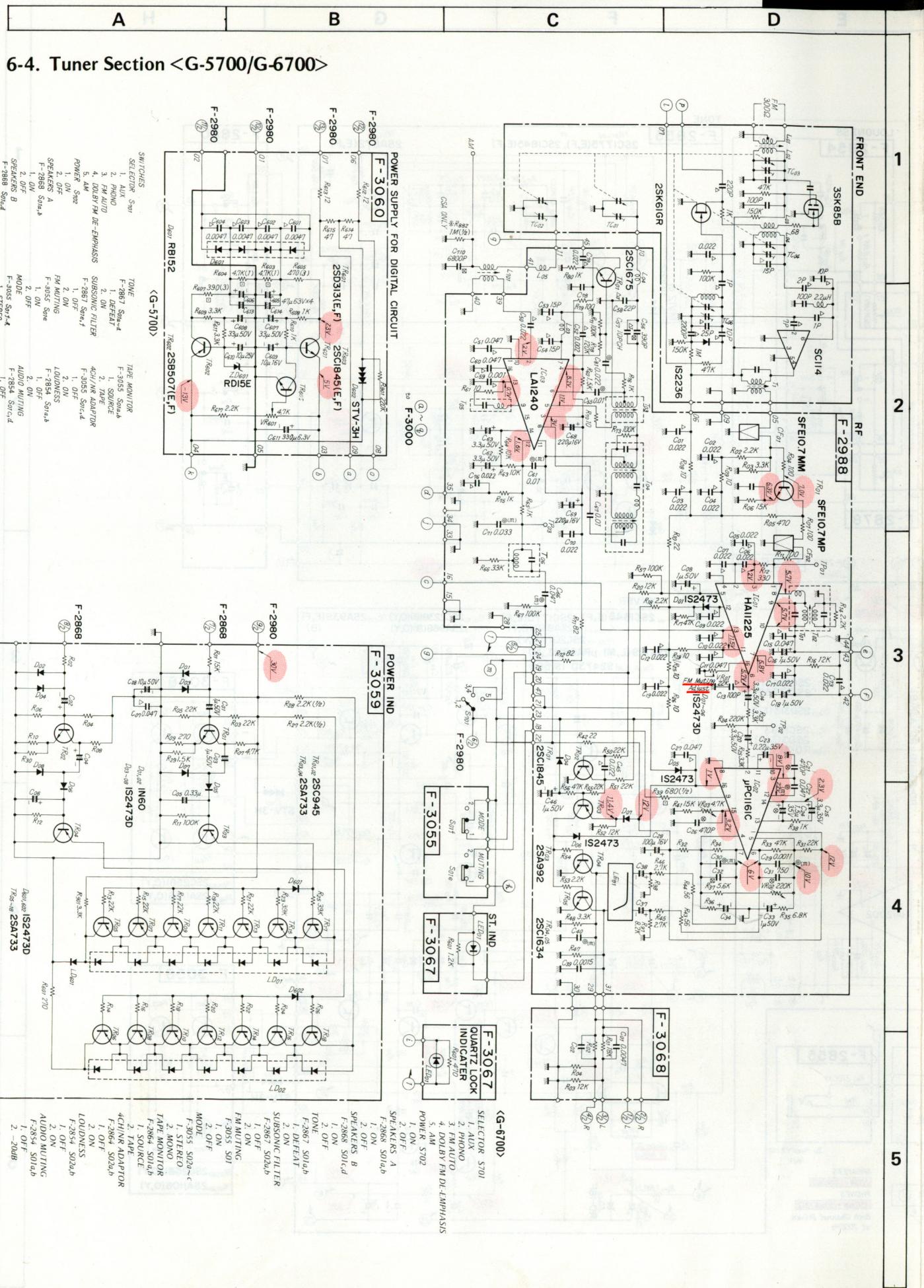


6-2. Audio Section <G-6700>





• Design and specifications subject to change without notice for improvement.
 • La présentation et les spécifications sont susceptibles d'être modifiées sans préavis par suites d'améliorations éventuelles.
 • Änderungen, die dem technischen Fortschritt dienen, bleiben vorbehalten.



A

B

C

D

1

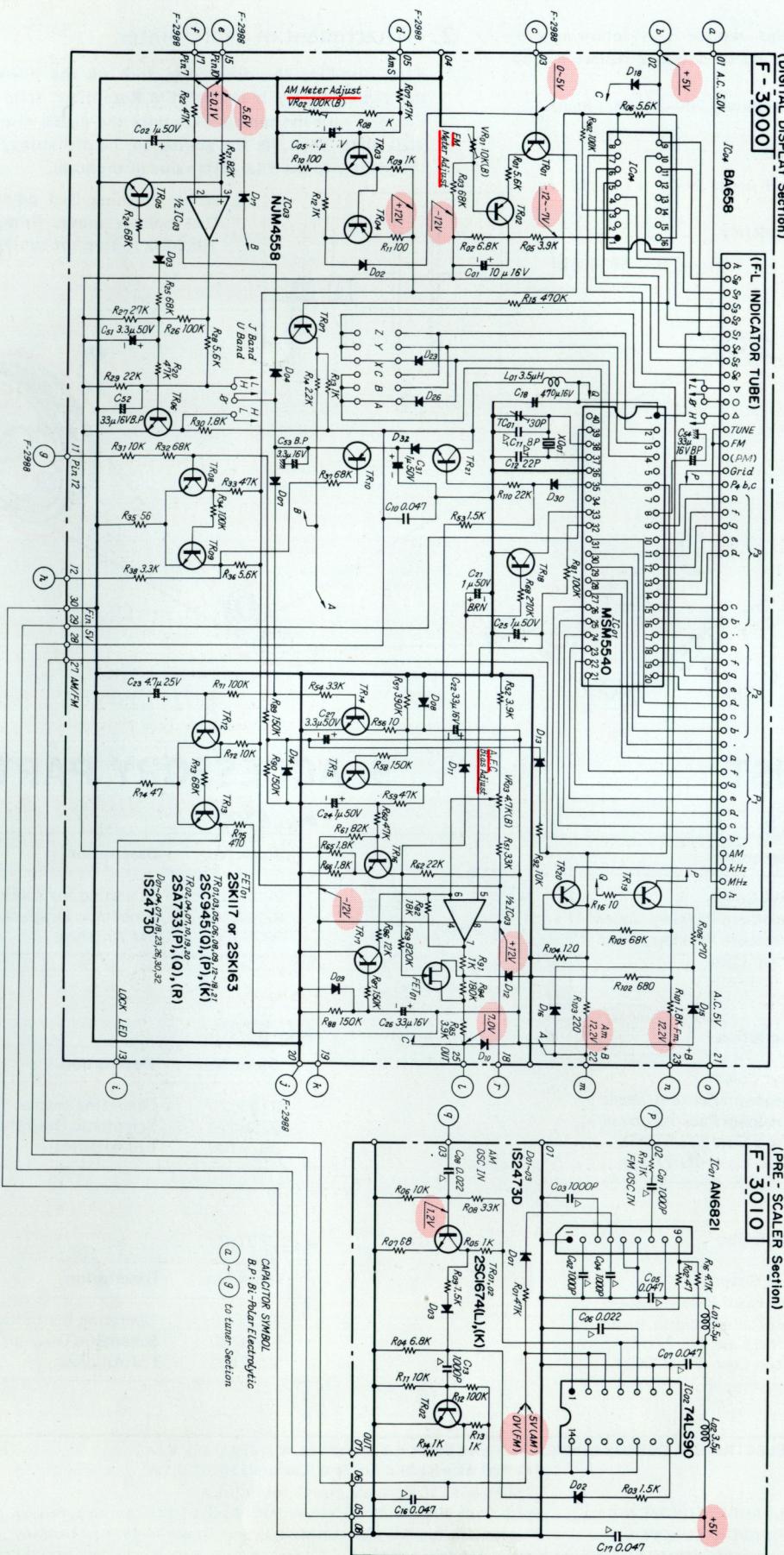
2

3

4

5

6-6. Digital Display Section <G-5700/G-6700/G-7700>



2SA992	2SB507
2SA733	2SD313
2SC1775	2SC1735
2SC1845	2SC1736
2SC1222	2SC1737
2SC945	2SC1738
2SC1675	2SC1739
2SC1634	2SC1740
2SC1674	2SC1741
	NJM4558
	LA1222
2SA968	2SK117
2SC2238	2SK129
	AN6821
	SN74LS90
	MSM5540
	RD24F
	RD13E
	RD24F
	RD18F
	STV-3H
	1N60P
	MV-12
	VD-1212
	RB-152
	SS5N
	SS3N
	1S2473D
	1S1588
	SS5R
	SS3R

CORRECTION OF SERVICE MANUAL FOR MODELS G-5700/G-6700/G-7700

The following are corrections for the bias current adjustment in the Service Manual of the Models G-5700/G-6700/G-7700 appearing on Page 5. Please adjust the bias current by following the directions below and refer to the circuit diagram carefully.

1. G-5700

L-CH: Adjust VR-03 to get voltage as follows:

3.3mV: between both leads of the emitter resistor for the power transistor (TR-601)

3W 0.33 ohm

R-CH: Adjust VR-04 to get voltage as follows:

3.3mV: between leads of the emitter resistor for power transistor (TR-602)

3.3mV
3W 0.33 ohm

2. G-6700

L-CH: Adjust VR-03 to get voltage as follows:

3.3mV: between both leads of the emitter resistor for power transistor (TR-604)

3.3mV
5W 0.33 ohm

R-CH: Adjust VR-04 to get voltage as follows:

3.3mV: between both leads of the emitter resistor for power transistor (TR-601)

3.3mV
5W 0.33 ohm

3. G-7700

L-CH: Adjust VR-03 to get voltage as follows:

3.3mV: between both leads of the emitter resistor for power transistor (TR-601)

3.3mV
5W 0.33 ohm

R-CH: Adjust VR-04 to get voltage as follows:

3.3mV: between both leads of the emitter resistor for power transistor

3.3mV
5W 0.33 ohm

7. THREADING OF DIAL CORD

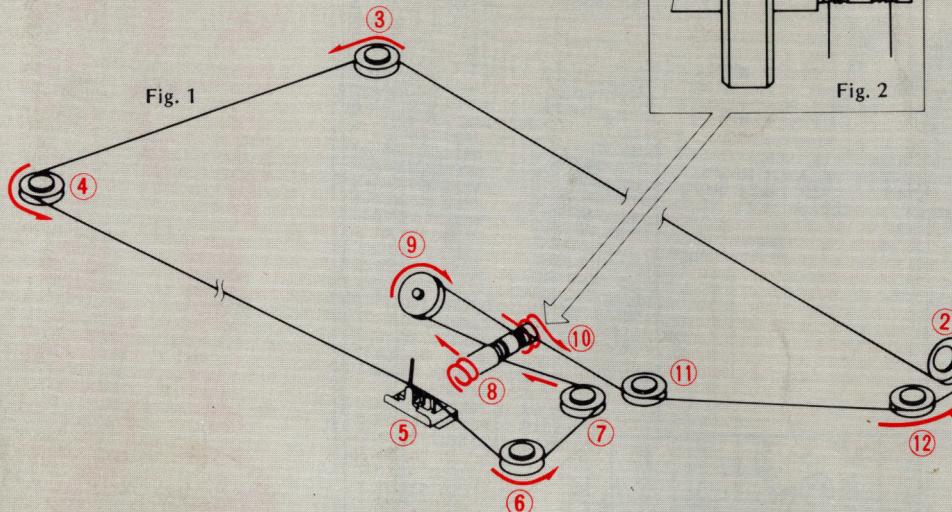
- If a dial cord is cut off or slips, replace it by following procedures. As this unit uses 0.5 mm ϕ cord, please replace it with the same type certainly.
- The length of dial cord is approximately 200 cm (78.7 inch).

1. Threading of Dial Cord

Thread the dial cord in numerical order from 1 to 17 as Fig. 1.

- Open the variable capacitor completely.

* Dial Cord (0.5 mm ϕ) (Stock No. 6036050)



8. PACKING LIST

• G-5700

Parts No.	Stock No.	Description
1	9116790	Vinyl Cover
2	9028141	Styrofoam Packing, upper
3	9028151	Styrofoam Packing, lower
4	9001951	Carton Case

• G-6700

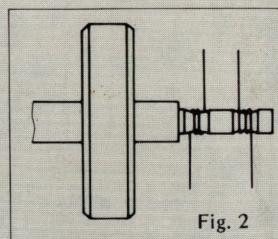
Parts No.	Stock No.	Description
1	9116810	Vinyl Cover
2	9028260	Styrofoam Packing, upper
3	9028270	Styrofoam Packing, lower
4	{ 9056350 9001931 }	Carton Case <G-6700> Carton Case <G-7700>

• G-7700

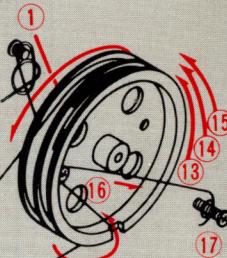
Parts No.	Stock No.	Description
1	9116810	Vinyl Cover
2	9028260	Styrofoam Packing, upper
3	9028270	Styrofoam Packing, lower
4	{ 9001931 9056350 }	Carton Case <G-7700> Carton Case <G-6700>

2. Attachment of Dial Pointer

- After installing the dial string, turn on the power switch. If the digital display is in the "FM Reception" state as shown in Fig. 8-2, turn the tuning knob until the digital display indicates 98.0 MHz. Then, fix the pointer to the dial string, after setting the pointer to the 98.0 MHz value of the scale.

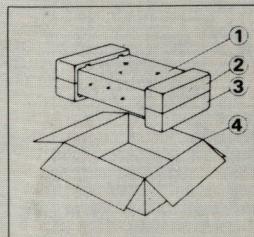


- After attaching Dial pointer, confirm Dial pointer moves from 88 MHz to 108 MHz to turn the tuning knob.



9. ACCESSORY PARTS LIST

• G-5700



Stock No.	Description
9205030	Operating Instructions
9238340	Schematic Diagram
3820100	FM Antenna

• G-6700

Stock No.	Description
9205620	Operating Instructions
9238470	Schematic Diagram
3820100	FM Antenna

• G-7700

Stock No.	Description
9205020	Operating Instructions
9238220	Schematic Diagram
3820100	FM Antenna

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Arabella center, 6 Frankfurt AM Main, Lyoner Strasse 44-48, West Germany

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Sansui