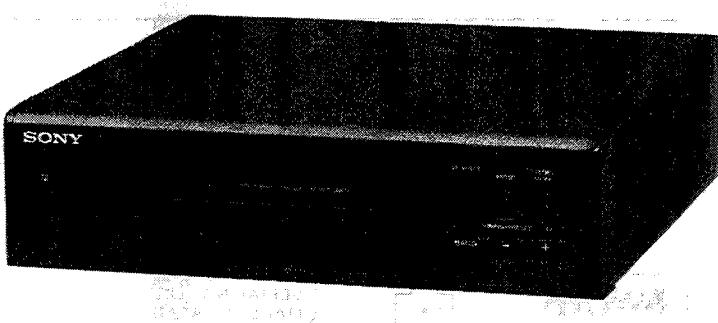


ST-H3600/H6600

SERVICE MANUAL

AEP Model
UK Model



ST-H3600 and ST-H6600 are the tuner section in MHC-2600/3600 and MHC-5600/6600 respectively.

Photo : ST-H6600

SPECIFICATIONS

System	FM stereo, FM/AM superheterodyne tuner
FM tuner section	
Tuning range	87.5 — 108 MHz
Antenna terminals	75 ohm unbalanced
Intermediate frequency	10.7 MHz
AM tuner section	
Tuning range	For AEP, UK models MW: 531 — 1,602 kHz LW: 153 — 279 kHz For Italian model MW: 522 — 1,611 kHz LW: 144 — 288 kHz
Antenna	AM loop antenna. External antenna terminals
Intermediate frequency	450 kHz

Note :
G : Germany model
IT : Italian model

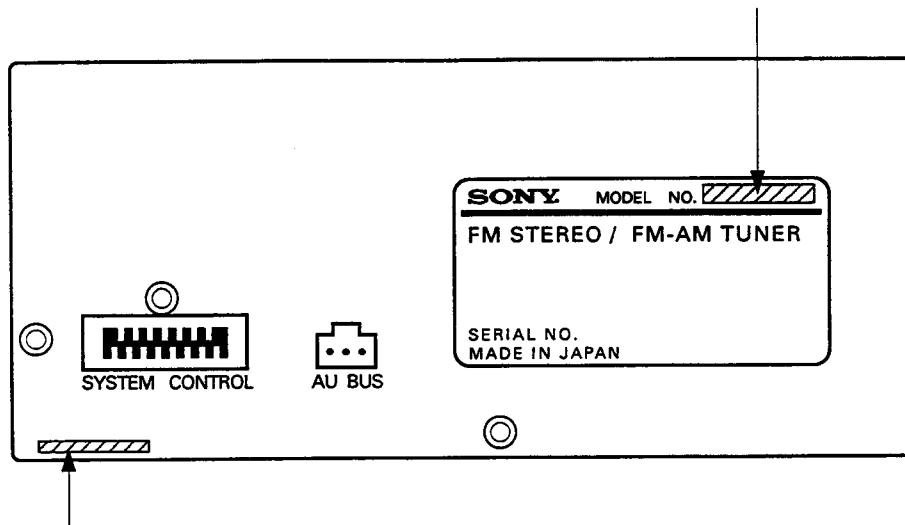
TABLE OF CONTENTS

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MODEL IDENTIFICATION

- BACK PANEL -

ST-H3600
ST-H6600



4-942-893-51. AE ST-H3600 AEP,UK model
4-942-893-81. AE4 ST-H3600 G model
4-942-893-91. IT ST-H3600 IT model

4-942-893-01. AE ST-H6600 AEP model
4-942-893-31. AE4 ST-H6600 G model
4-942-893-41. IT ST-H6600 IT model

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SECTION 1

SERVICING NOTES

SUPPLY OF POWER DURING SERVICES

Because the equipment is not provided with any power supply, it is operated with power supplied from the amplifier TA-H2600, H3600, H5600 or H6600 used in the series. The equipment requires the following 4 types of voltages. Therefore, connect the equipment to TA-H2600, H3600, H5600 or H6600 for services such as repairing with power supplied, because it will be too complicated to supply these voltages individually.

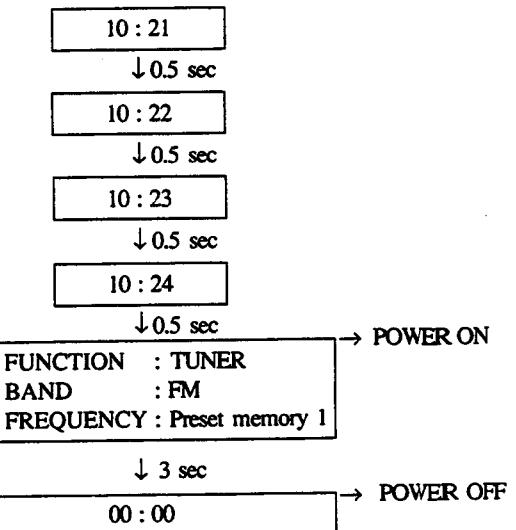
VOLTAGE	MAJOR CIRCUIT IN USE
AC 3.9V	FL tube filament voltage (VF)
DC -24V	Display controller IC701 grid voltage (VG)
DC -5.6V	Display controller IC701, Tuner PLL IC81 Vcc
DC 12V	Tuner RF, FM/AM DET IC21 Vcc

SERVICE MODE TO CHECK TIMER ON-OFF

It is possible to check whether the timer normally functions while being connected with an amplifier.

- (1) Connect the equipment to the amplifier TA-H2600, H3600, H5600 or H6600 and set the POWER switch to STANDBY state.
- (2) Set the time of the tuner to any time.
- (3) Press 3 switches "BAND", "-" and "MEMORY/NEXT" at the same time (while pressing "BAND" and "-" beforehand, finally press "MEMORY/NEXT")

(4) FL display tube



(5) Completion

Note : After completion of the checking above, data preset in the memory IC702 is erased while resetting the memory to the following state upon shipping from the works, so be sure to recover the same frequency as that before the repairing.

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• Frequencies initially preset

	AEP/UK model			G/IT model		
	FM	MW	LW	FM	MW	LW
1	87.5MHz	531KHz	153KHz	87.5MHz	522KHz	144KHz
2	88.0MHz	603KHz	162KHz	88.0MHz	603KHz	162KHz
3	98.0MHz	999KHz	216KHz	98.0MHz	999KHz	216KHz
4	100.0MHz	1404KHz	270KHz	100.0MHz	1404KHz	270KHz
5	108.0MHz	1602KHz	279KHz	108.0MHz	1611KHz	288KHz
6 - 20	*1	*2	*2	*1	*2	*2

*1 The same frequency values are set for the preset memory No.6 - No.10, No.11 - No.15 and No.16 - No.20 as for No.1 - No.5 respectively.

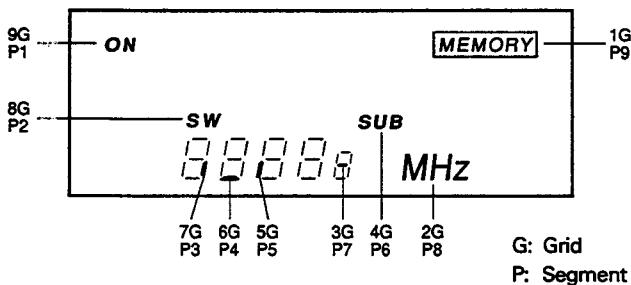
*2 The same frequency values are set for the preset memory No.6 - No.10 as for No.1 - No.5.

SERVICE MODE TO CHECK FL TUBE AND KEY INPUT

It is possible to check FL tube all ON grid, segment and key input.

- (1) Connect the equipment to the amplifier TA-H2600, H3600, H5600 or H6600 and remove the AC cord of the amplifier out of the AC receptacle.
- (2) While pressing 3 switches "BAND", "-" and "MEMORY/NEXT" at the same time, insert the AC cord of the amplifier into the receptacle.
- (3) Thus, all FL display tubes light up. By pressing "+" or "TIMER CONTROL" in this state, partial lighting or key input checking, respectively, is effected.

Partial lighting: Indicates the mode to check complete connection between the grid and segment of the FL tube. The condition is normal when the following indication is effected. By pressing "+" or "-" in the partial lighting mode, the status returns to key input checking or all ON in (3), respectively.



Key input checking: Shows the mode to check key input into 9 keys on the front panel. "0" is indicated at first and, every time a different key is pressed, indicated number is increased. After completion of pressing all 9 keys, "PASS" is indicated.
(Once a key is pressed, pressing it again is rejected.)

- (4) After the completion of the checking, the equipment recovers normal operation by once removing the AC cord and inserting it again into the AC receptacle.

HOW TO FORCEFULLY TURN POWER ON

The equipment is not provided with any power switch. Therefore, power ON/OFF is controlled in the amplifier side. However, even without an amplifier, power is supplyable to the equipment according to the following methods provided any type of power is available, e.g. using a special jig or supplying the 4 types of voltages individually.

(When power is supplied from the amplifier, power is turned ON only for the tuner.)

- (1) Supply power.
- (2) Press 3 switches "STEREO/MONO", "-" and "MEMORY/NEXT" at the same time.
(Press "STEREO/MONO" and "-" beforehand, and finally press "MEMORY/NEXT".)

However, when the equipment is started up by the methods above, service modes TIMER ON/OFF and FL tube and key input checking are not operable.

Clock Setting

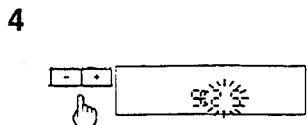
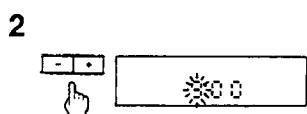
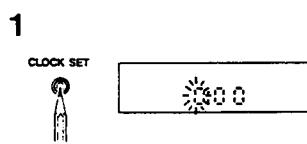
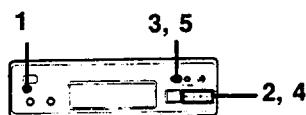
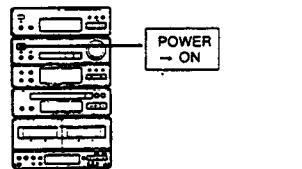
Setting the Clock

Example: Set to 9:25 in the morning.

- 1 Press CLOCK SET.
- 2 Set the hour with the - or + button.
- 3 Press MEMORY/NEXT.
- 4 Set the minute with the - or + button.
- 5 Press MEMORY/NEXT.
The clock starts operating.

Information on the time

The European and U.K. model shows the time in 24-hour cycle.
The model for other countries shows the time in 12-hour cycle.
AM 12:00 = midnight
PM 12:00 = noon

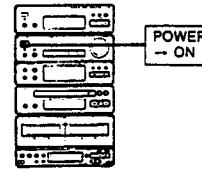


When a power interruption occurs
If the power is recovered within several hours, there is no need to reset the clock, timer, and Wake Up Volume settings. If the power interruption is long, all the above settings are erased, and "0:00" ("AM 12:00") will flash on the display.

To change the frequency display to the time display
Press CLOCK DISP. on the remote commander. Press it again to change to the frequency display.

Radio

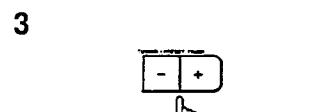
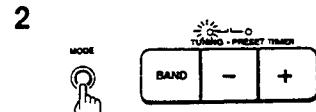
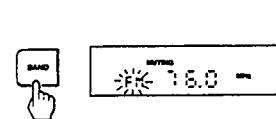
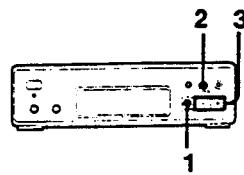
The automatic tuning allows you to receive stations whose signal is strong enough. When the signal is too weak, use the manual tuning.



Tuning in Automatically

- 1 Press BAND repeatedly until the desired band appears.
As you press BAND, the band changes as follows:
European and U.K. model:
FM → MW → LW
Model for other countries:
FM → SW → MW
- 2 Press MODE so that the TUNING indicator lights up.
- 3 Keep - or + depressed for more than 1 second.
"AUTO" appears on the display and the unit tunes in a station automatically.

Repeat step 3 until the desired station appears.



Tuning in Manually

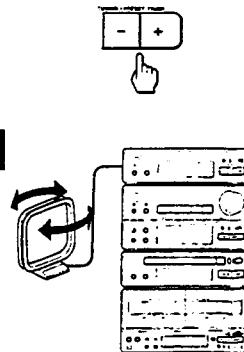
- 1 Press BAND repeatedly until the desired band appears.
- 2 Press MODE so that the TUNING indicator lights up.
- 3 Press - or + repeatedly until the desired station appears.

Indicator on the display

TUNED: Appears when a station of sufficient signal strength is tuned in.
STEREO: Appears when an FM stereo program of sufficient signal strength is received.

Antenna adjustment A

For MW and LW (SW) reception, find the best location for the supplied AM loop antenna.



SECTION 2**GENERAL**

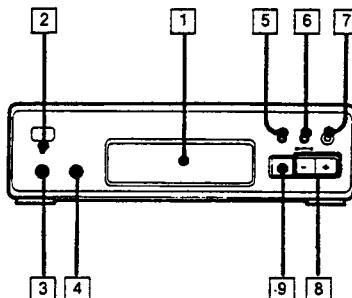
This section is extracted from
instruction manual.

Parts Identification

Refer to the pages indicated in ● for use
of the buttons.

Tuner Section A

- 1 Display window
- 2 CLOCK SET button 24
- 3 TIMER SELECT button 11
- 4 TIMER SET button 11
- 5 MEMORY/NEXT button 24 60 111
- 6 MODE button 68 62
- 7 STEREO/MONO (stereo/monaural)
button
- 8 TUNING PRESET/TIMER -/+ buttons
- 9 BAND selector 68

A

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Radio

Storing Stations

You can store up to 20 FM stations and 10 MW stations and 10 LW (SW) stations in a desired sequence, so that you can tune in the stored station directly by entering the preset station number.

This operation is not possible with the remote commander.

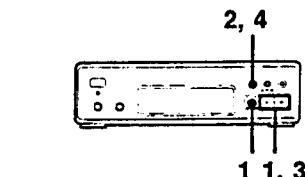
1 Tune in the desired station.

2 Press MEMORY/NEXT.
"MEMORY" and the preset station numbers appear on the display.

3 While "MEMORY" is on (for several seconds), press - or + to select a desired preset number.

4 Press MEMORY/NEXT.
"MEMORY" disappears, and the station is stored.

Repeat step 1 to 4 for each station to be stored.



If you cannot store a station successfully
Press MEMORY/NEXT again so that
"MEMORY" appears, and then proceed
with steps 3 and 4 above.

Be sure to operate while "MEMORY" is on
(about 4 seconds).

When you have selected the wrong preset
station number
Press MEMORY/NEXT again and then
proceed with the steps 3 and 4.

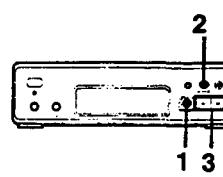
To change the preset station
Store a desired station at the desired
preset number by proceeding with the
above steps.
The station previously preset will be
erased.
Erasing only is not possible.

Radio

To Tune in a Preset Station

Notes:

- When you use the remote commander for the following operations make sure that the display of the remote commander shows "TUNER". If not, press TUNER on the remote commander.
- You cannot operate the buttons on the lid if the lid is open.



1 Press BAND to select a desired band.

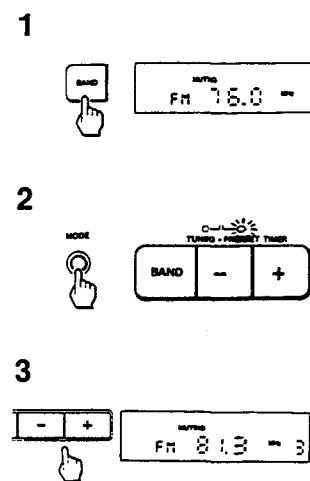
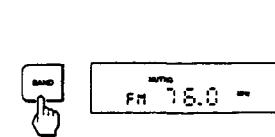
2 Press MODE so that the PRESET
Indicator lights up.

3 Press - or + (- or > on the remote
commander) to select the desired preset
station number.

To tune in a preset station directly

Possible only with the remote commander.

- 1 Press BAND to select a desired band.
- 2 Press the numeric buttons to select the
desired preset station number.



SECTION 3

ELECTRICAL ADJUSTMENTS

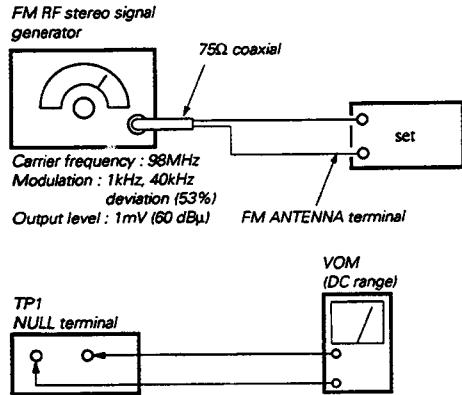
PRECAUTIONS IN REPAIRING

If the front end unit fails, it is difficult to repair the inner circuits, so replace the entire front end unit.

FM SECTION

FM DISCRIMINATOR ALIGNMENT (NULL CHECK)

Setting :



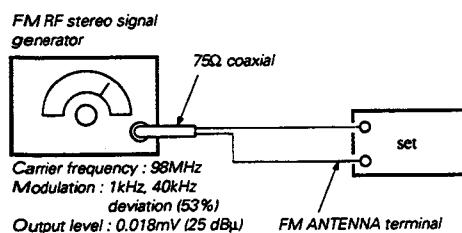
Procedure :

1. Tune the set to 98MHz.
2. Adjust T21 for 0V reading on the VOM.

Note : FM TUNING LEVEL adjustment should be made after FM discriminator alignment.

FM TUNING LEVEL ADJUSTMENT

Setting :



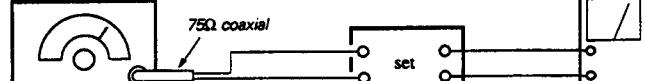
Procedure :

1. Tune the set to 98MHz.
2. Adjust T24 so that the TUNED LED goes on.

FM STEREO SEPARATION ADJUSTMENT

Setting :

FM RF stereo signal generator



Carrier frequency : 98MHz

Output level : 1mV (60 dB μ)

Modulation : L+R 33.75kHz deviation

L-R 33.75kHz deviation

Pilot Signal 19kHz 7.5kHz deviation

Procedure :
Tune the set to 98MHz.

FM stereo Signal generator Output channel	VTVM connection	VTVM reading (dB)
L-CH	L-CH	Ⓐ
R-CH	L-CH	Adjust RV21 for minimum reading.
R-CH	R-CH	Ⓑ
L-CH	R-CH	Adjust RV21 for minimum reading.

L-CH Stereo separation : Ⓐ – Ⓑ

R-CH Stereo separation : Ⓑ – Ⓒ

The separations of both channels should be equal.

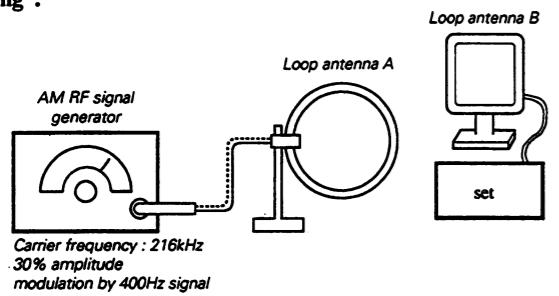
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SECTION 4 DIAGRAMS

AM SECTION

AM TUNING LEVEL ADJUSTMENT

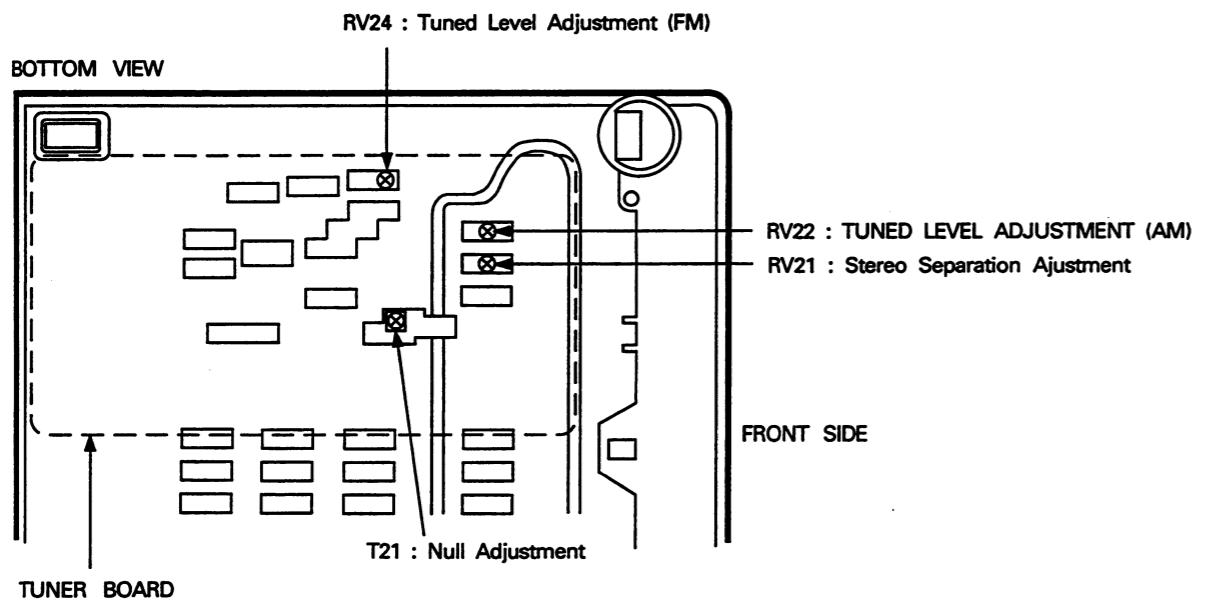
Setting :



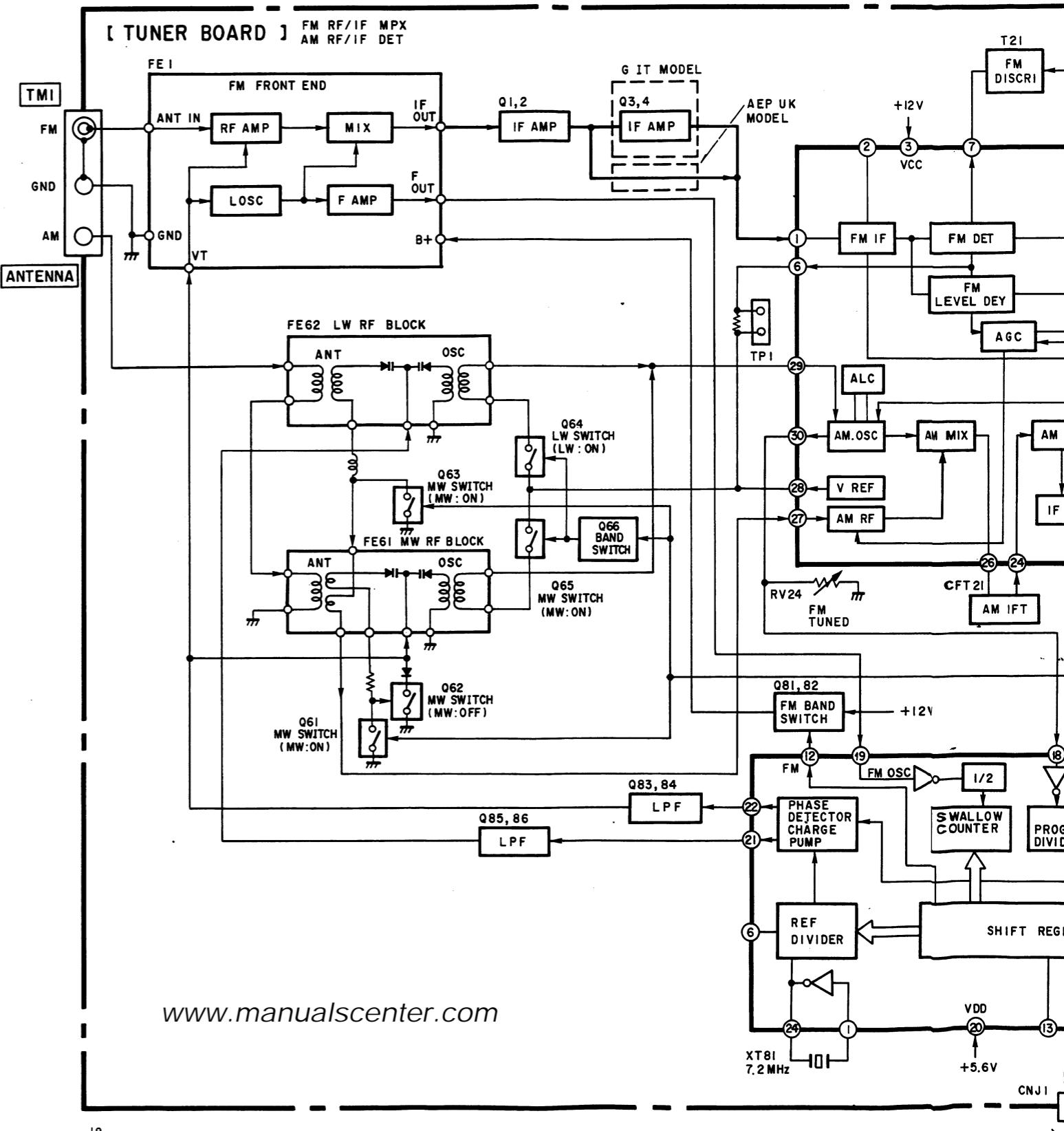
Procedure :

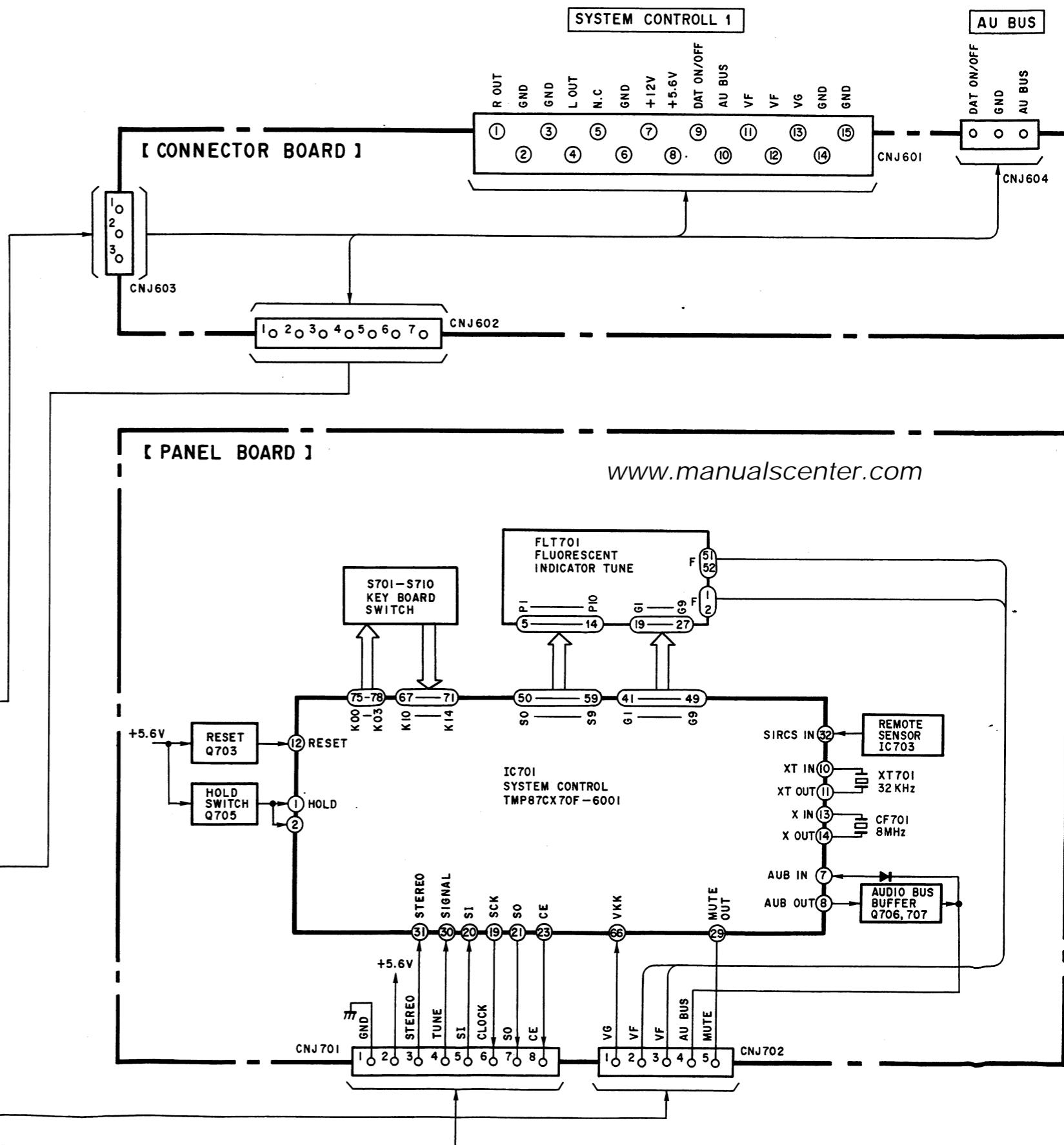
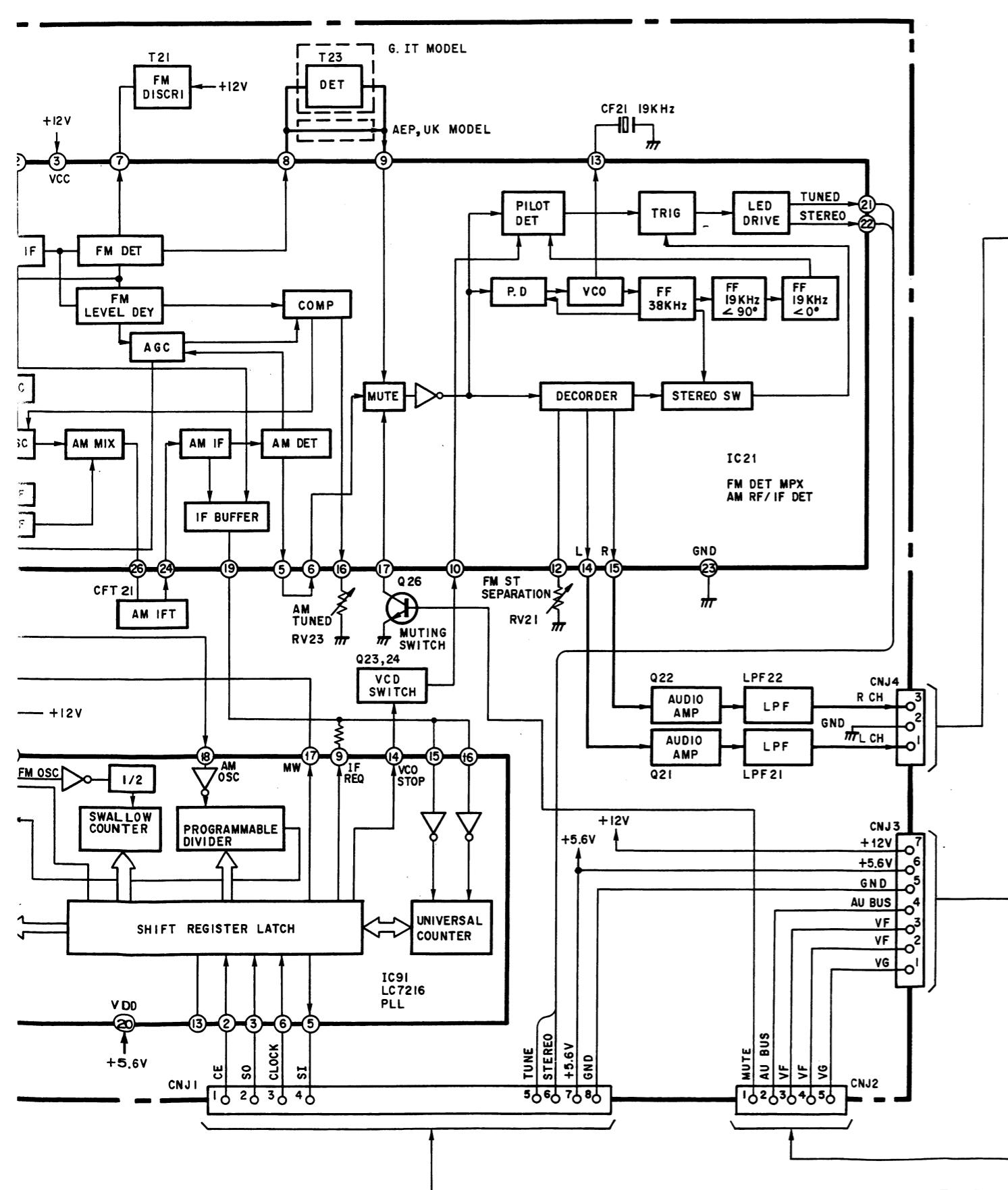
1. Set loop antenna A so that the loop antenna B input level becomes 2.5mV (68dB/m).
2. Tune the set to 216kHz.
3. Adjust the RV22 so that the TUNED LED goes on.

[PARTS ARRANGEMENT DIAGRAM FOR ADJUSTMENT]



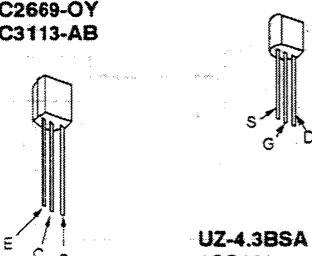
4-1. BLOCK DIAGRAM





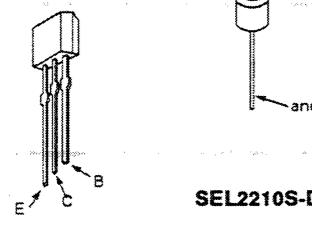
4-2. SEMICONDUCTOR LEAD LAYOUTS

DTA114ES
DTC114ES
2SC2603-EF
2SC2669-OY
2SC3113-AB

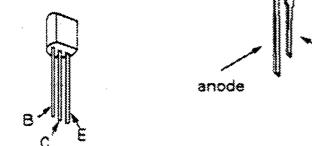


2SK246-GR3

2SA1175-HFE
2SC2785-HFE

UZ-4.3BSA
1SS120

2SA1317-SU
2SC3330-T

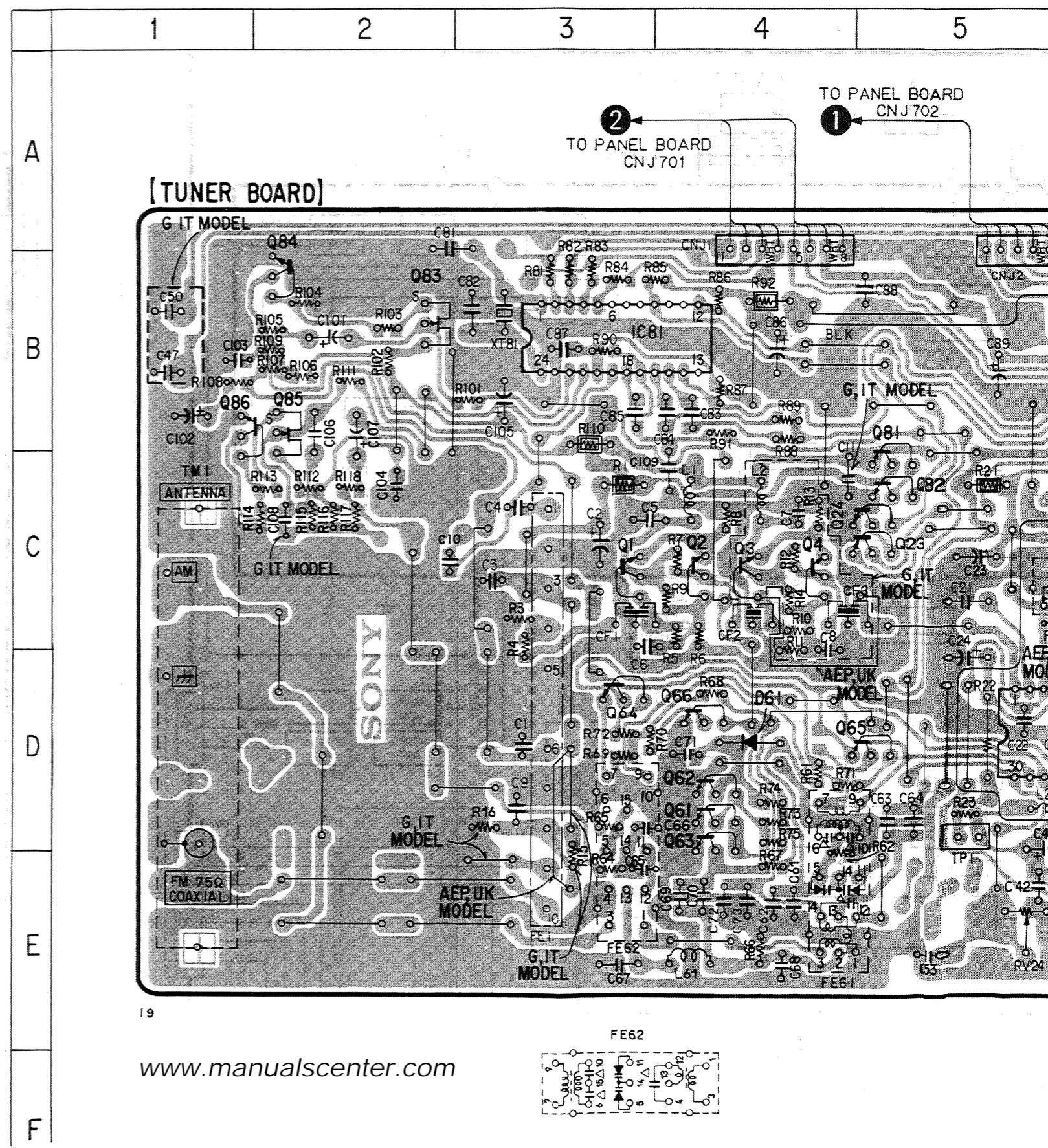


SEL2210S-D

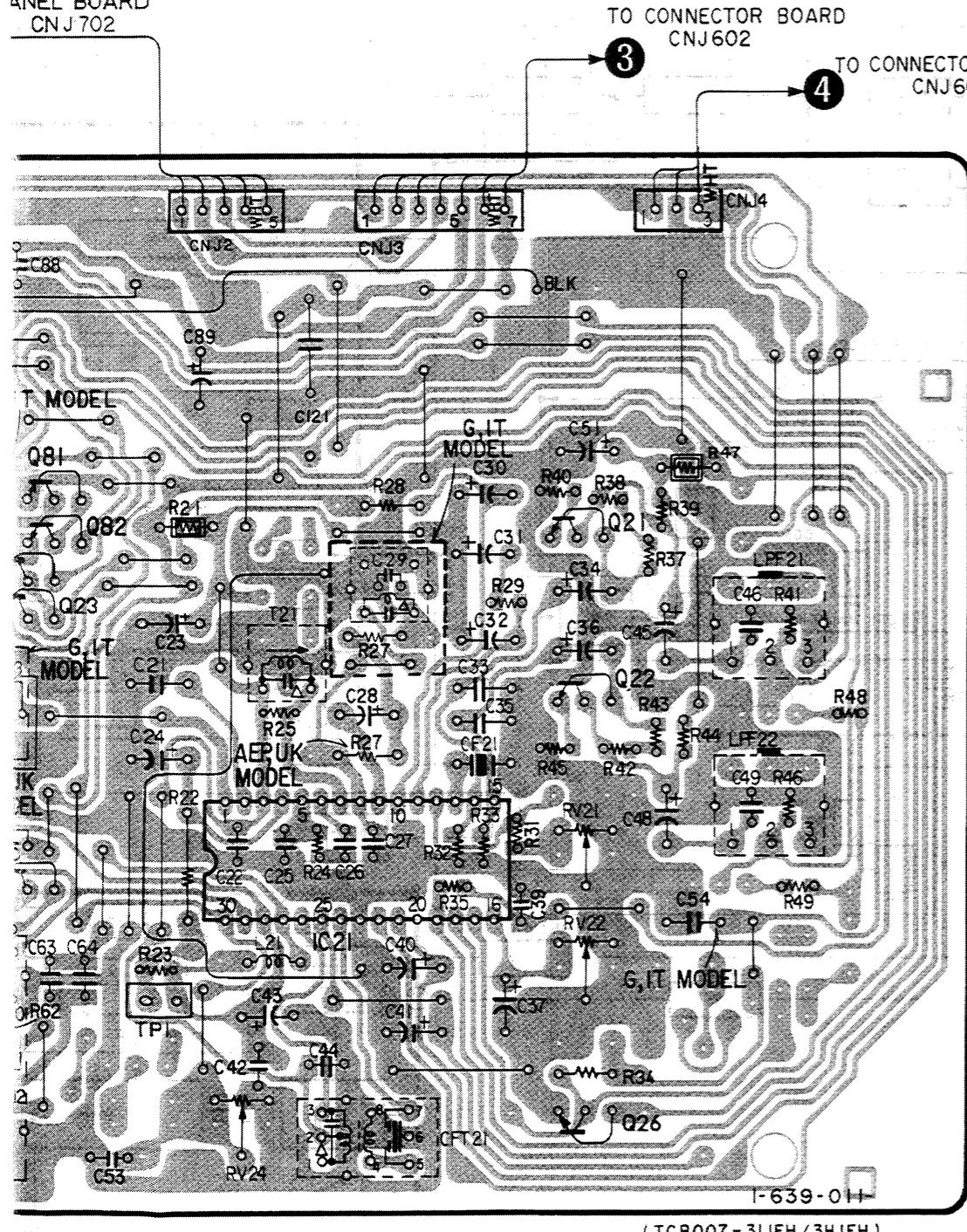
● SEMICONDUCTOR LOCATION

Ref. No	Location	
	H3600	H6600
D61	D - 4	D - 4
D701	G - 4	B - 5
D702	G - 4	B - 2
D707	H - 4	B - 3
D710	G - 2	B - 2
D711	G - 3	B - 3
D712	G - 7	A - 9
D714	G - 9	B - 5
D715	G - 10	B - 9
D716	G - 9	B - 9
D717	G - 8	A - 9
D718	G - 8	B - 2
IC21	C - 5	C - 5
IC81	C - 5	C - 5
IC701	G - 6	B - 6
IC702	G - 9	B - 9
IC703	G - 7	B - 9
Q1	C - 3	C - 3
Q2	C - 4	C - 4
Q3	C - 4	C - 4
Q4	C - 4	C - 4
Q21	C - 7	C - 7
Q22	C - 7	C - 7
Q23	C - 4	C - 4
Q24	C - 4	C - 4
Q26	E - 7	E - 7
Q61	D - 4	D - 4
Q62	D - 4	D - 4
Q63	D - 4	D - 4
Q64	D - 3	D - 3
Q65	D - 5	D - 5
Q66	D - 4	D - 4
Q81	C - 5	C - 5
Q82	C - 5	C - 5
Q701	G - 3	A - 2
Q702	F - 3	A - 2
Q703	G - 8	B - 8
Q705	H - 9	B - 8
Q706	G - 8	B - 9
Q707	G - 9	B - 9

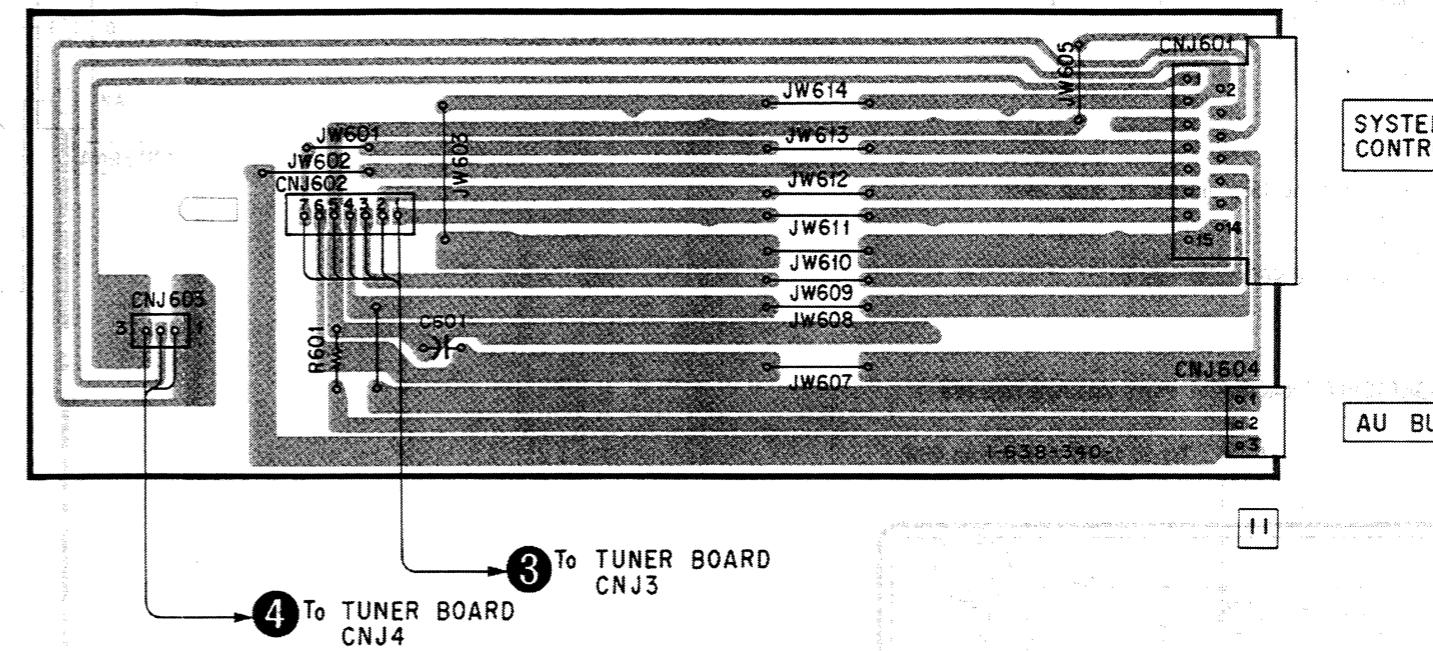
4-3. PRINTED WIRING BOARD - TUNER SECTION -



5 6 7 8 9 10 11 12 13

ANEL BOARD
CNJ 702

[CONNECTOR BOARD]



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Note for schematic diagram:

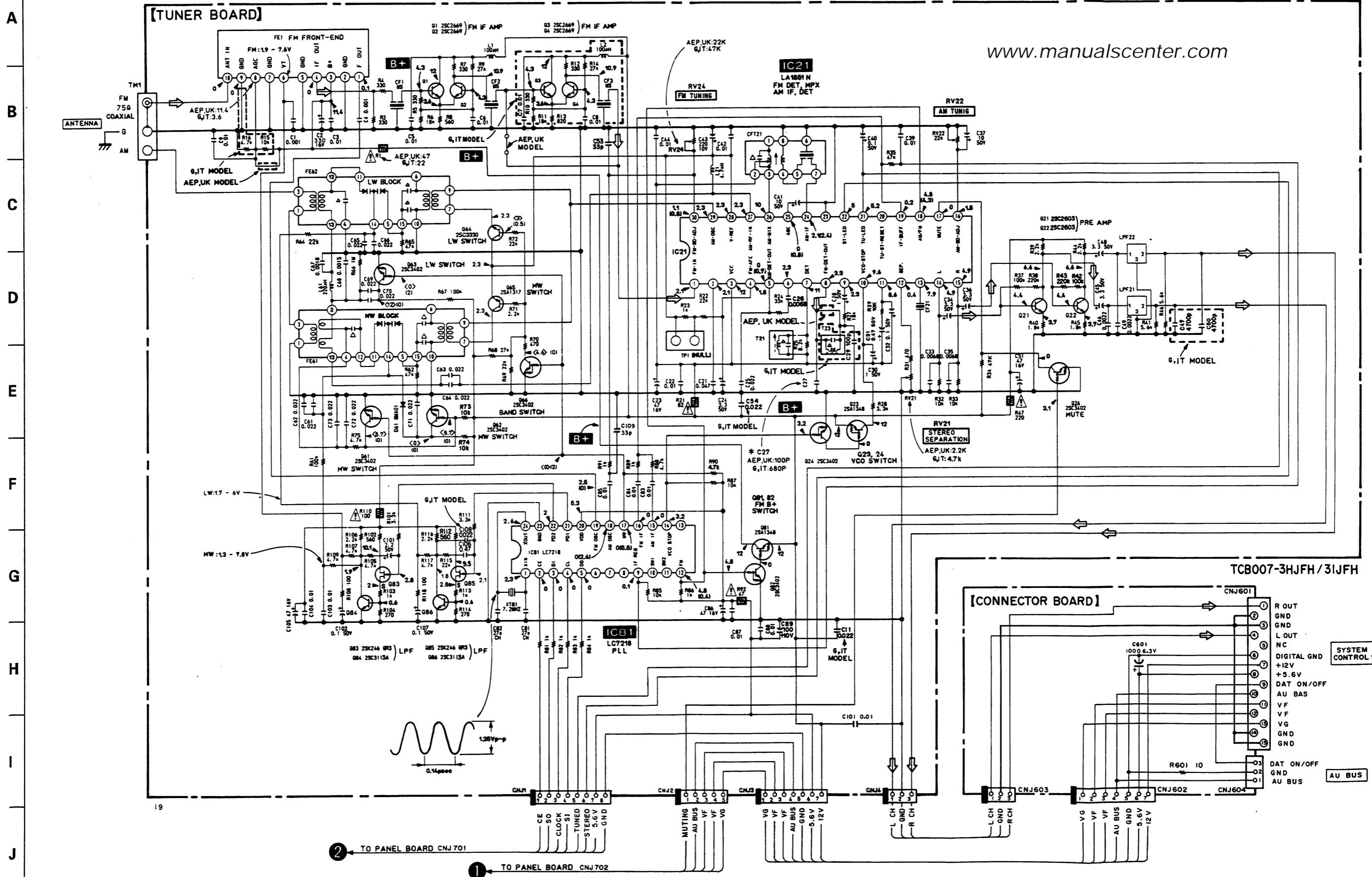
- : indicated a lead wire mounted on the component side.
- : indicates side identified with part number.
- All capacitors are in μF unless otherwise noted. pF : μF 50/V or less are not indicated except for electrolytics and tantalums.
- All resistors are in ohms, 1/4W or less unless otherwise noted.
- Δ : internal component.
- \square : nonflammable resistor

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

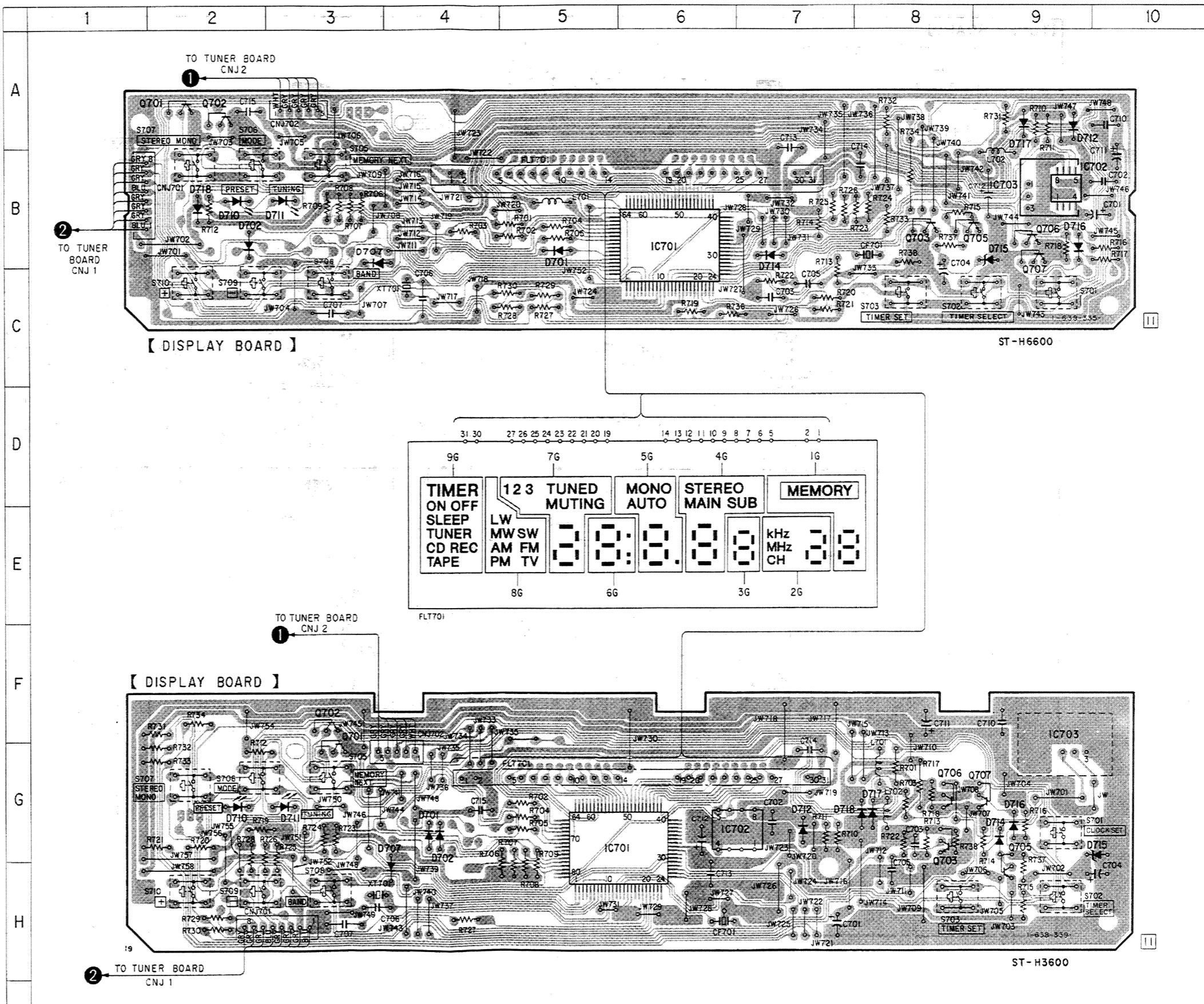
- \square : adjustment for repair.
- Voltage and waveforms are dc with respect to ground under no signal (detuned) conditions.
- no mark : FM
- () : MW
- < > : LW
- Voltages are taken with a VOM (input impedance 10M Ω). Voltage variations may be noted due to normal product tolerances.
- Signal path
 - \rightarrow : FM
- G : Germany Model
- IT : Italian Model

4-4. SCHEMATIC DIAGRAM - TUNER SECTION -

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

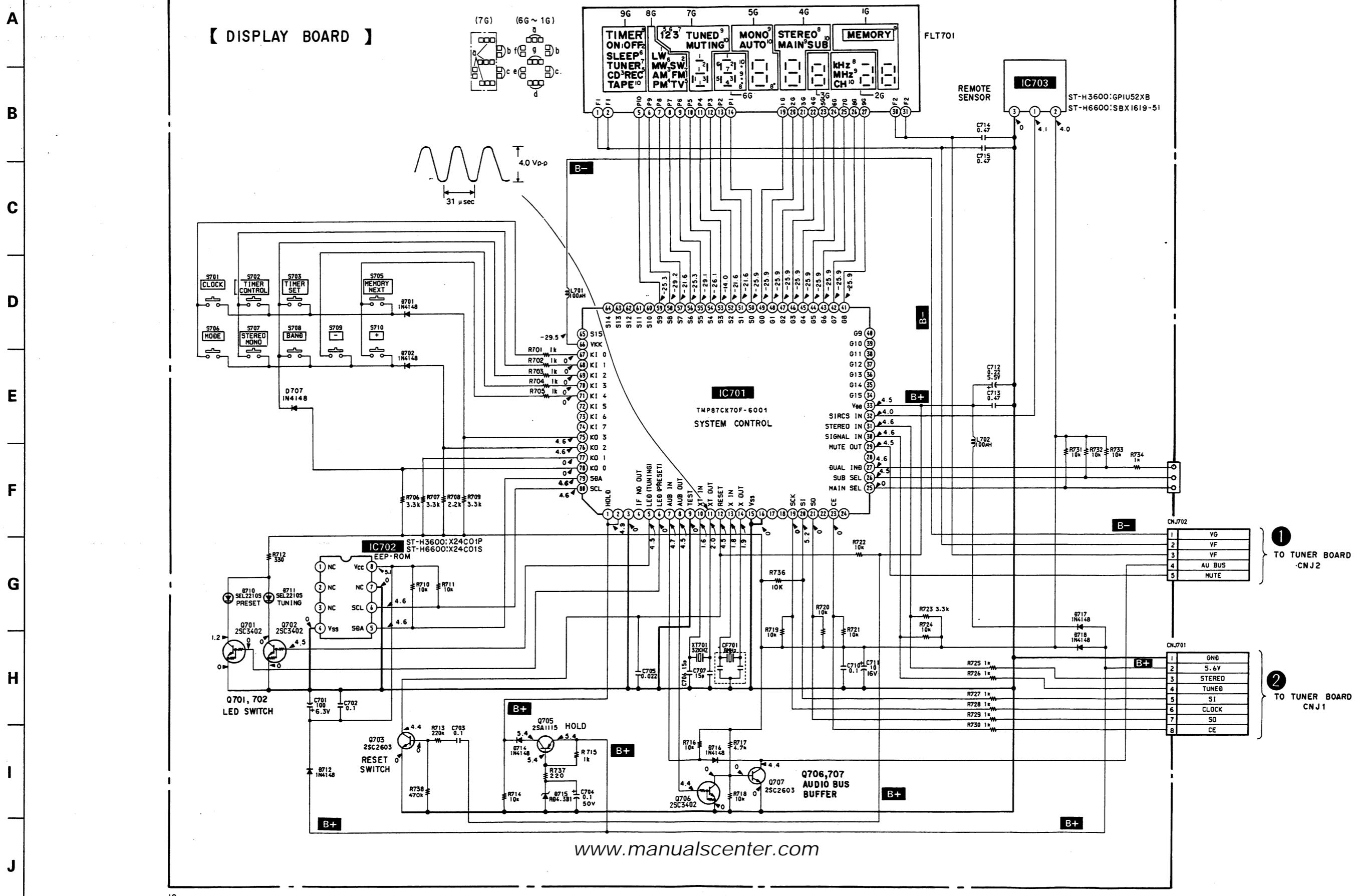


4-5. PRINTED WIRING BOARD - DISPLAY SECTION - • See page 13 for semiconductor Location.



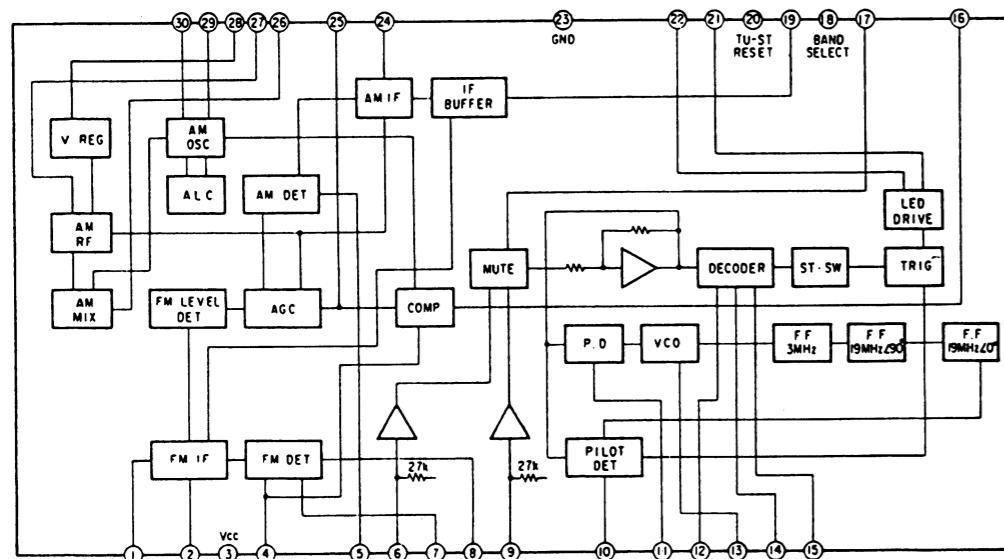
4-6. SCHEMATIC DIAGRAM - DISPLAY SECTION - • See page 16 for note.

1 2 3 4 5 6 7 8 9 10 11 12 13 14

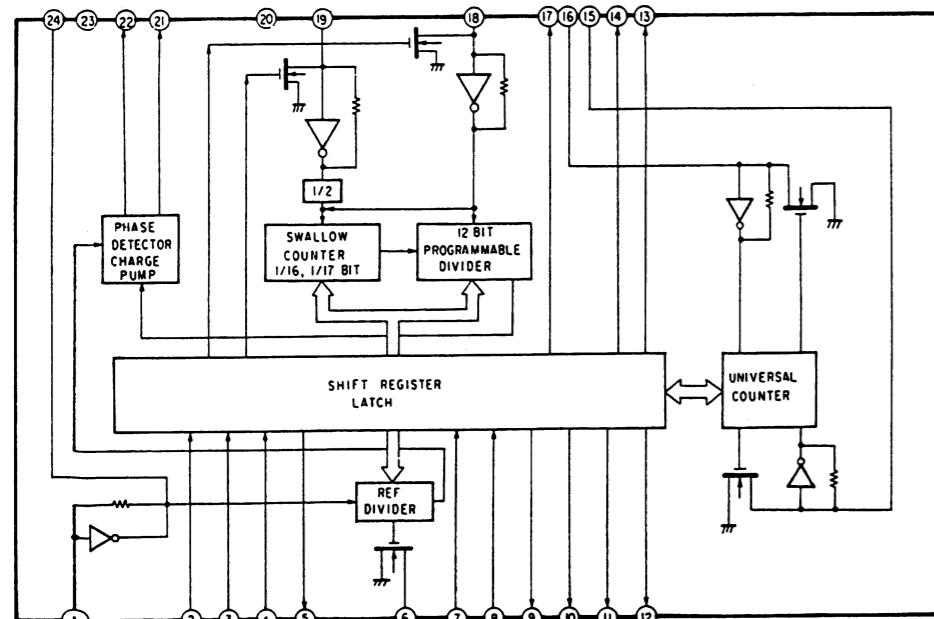


4-7. IC BLOCK DIAGRAMS

IC21 LA1851N



IC81 LC7218



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4-8. PIN FUNCTION OF IC701 SYSTEM CONTROLLER (TMP87CK70F-6001)

The terminals work to control tuner section (IC21, 81), FL tube display and reading and writing of IC702 (preset data), etc. according to key input and signal from the remote controller.

PIN No.	PIN NAME	I/O	ACTIVE	PIN FUNCTION
1	HOLD	I	↓	HOLD detecting interrupt terminal
2	HOLD RESET	I	↑	HOLD resetting interrupt terminal
3		I		Not in use
4	IF NGOUT	O	H	IF count NG output
5	LED1	O	H	TUNING LED ON
6	LED2	O	H	PRESET LED ON
7	AUB IN	I	L	AUDIO BUS input
8	AUB OUT	O	L	AUDIO BUS output
9	TEST	I	H	Test terminal
10	XT IN	I		Low frequency oscillator connection terminal (32KHz)
11	XT OUT	O		Low frequency oscillator connection terminal (32KHz)
12	RESET	I		Reset signal input
13	X IN	I		High frequency oscillator connection terminal (8MHz)
14	X OUT	O		High frequency oscillator connection terminal (8MHz)
15	VSS			GND
16		I		Not in use
17, 18		O		Not in use
19	SCK	O		PLL serial clock output
20	SI	I		PLL serial data input
21	SO	O		PLL serial data output
22		O		Not in use
23	CE	O	H	PLL chip enable
24				Not in use
25	MAIN SEL	O	L	Main sound selection terminal (Not in use)
26	SUB SEL	O	L	Sub sound selection terminal (Not in use)
27	DUAL IND	I	L	Sound dual signal detection terminal (Not in use)
28		O		Not in use
29	MUTE OUT	O	L	MUTING output
30	SIGNAL IN	I	L	TUNED input
31	STEREO IN	I	L	STEREO input
32	SIRCS IN	I	L	SIRCS input
33	VDD			+5V
34 - 40		O		Not in use
41 - 49	G0 - G8	O	H	FL tube digit output
50 - 59	S0 - S9	O	H	FL tube segment output
60 - 65		O		Not in use
66	VKK			FL tube driving power supply
67 - 71	KI0 - KI4	I	H	Key input
72		I		Not in use
73, 74				Not in use
75 - 78	KO0 - KO3	O	H	Key output
79	SDA	I/O		Data input/output for EEPROM
80	SCL	O		Clock output for EEPROM

SECTION 5

EXPLODED VIEW

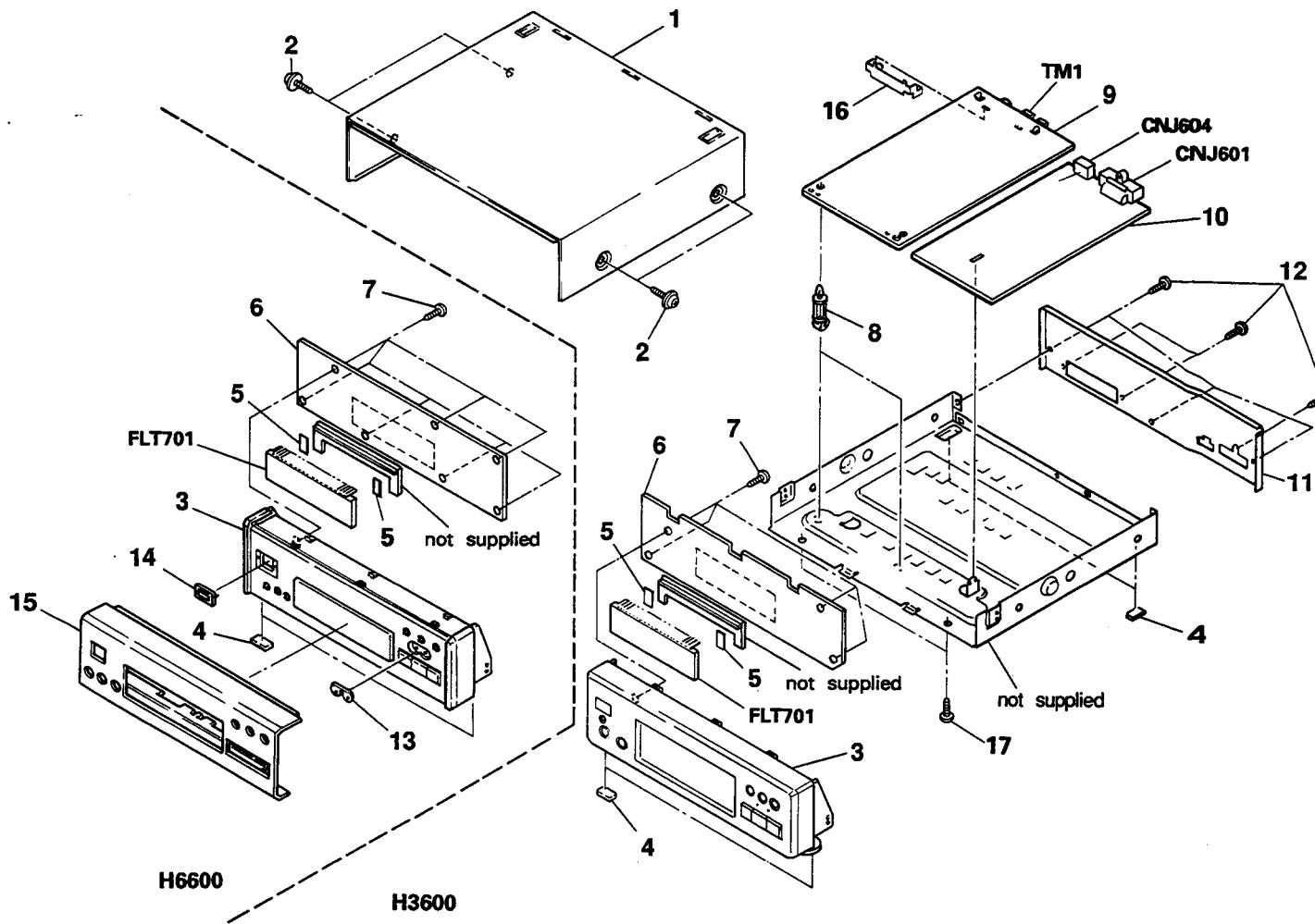
NOTE:

- XX, -X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts Example: KNOB,BALANCE(WHITE)...(RED)

↑ ↑
Parts color Cabinet's color

- Items marked ** are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

(1) CHASSIS SECTION

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
1	4-944-423-11	CASE (K206522) (H3600)		10	1-638-340-11	CONNECTOR BOARD (H3600)	
	4-932-844-01	CASE (H6600)			1-638-336-11	CONNECTOR BOARD (H6600)	
2	3-363-099-01	SCREW (CASE +3X8 TP2)		11	* 4-942-893-51	PANEL, BACK (H3600: AEP, UK)	
3	X-4941-544-1	PANEL ASSY, ASSY (H3600)			* 4-942-893-81	PANEL, BACK (H3600: G)	
	X-4942-523-1	PANEL ASSY, ASSY (H6600)			* 4-942-893-91	PANEL, BACK (H3600: IT)	
4	4-930-336-01	FOOT (FELT)			* 4-942-893-01	PANEL, BACK (H6600: AEP, UK)	
5	* 4-932-810-11	CUSHION (FL)			* 4-942-893-31	PANEL, BACK (H6600: G)	
6	* A-4341-562-A	DISPLAY BOARD, COMPLETE (H3600: AEP, UK)			* 4-942-893-41	PANEL, BACK (H6600: IT)	
	* A-4341-563-A	DISPLAY BOARD, COMPLETE (H3600: G, IT)		12	7-685-647-79	SCREW +BVTP 3X10 TYPE2 N-S	
	* A-4341-554-A	DISPLAY BOARD, COMPLETE (H6600: AEP, UK)		13	4-944-427-01	INDICATOR (H6600)	
	* A-4341-556-A	DISPLAY BOARD, COMPLETE (H6600: G, IT)		14	4-944-425-01	FILTER (H6600)	
7	7-685-534-19	SCREW +BTP 2.6X8 TYPE2 N-S		15	4-944-429-11	PANEL (ST), FRONT (H6600)	
8	* 4-914-008-01	HOLDER, PCB		16	* 4-924-988-11	PLATE (ST), GROUND	
9	A-4303-367-A	TUNER BOARD(TCB007-3HJFH), COMPLETE(AEP, UK)		17	7-682-547-09	SCREW +BVTT 3X6(S) (H6600)	
	A-4303-368-A	TUNER BOARD(TCB007-31JFH), COMPLETE(G, IT)					

TUNER

SECTION 6

ELECTRICAL PARTS LIST

NOTE:

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

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

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- XX, -X mean standardized parts, so they may have some difference from the original one.
- RESISTORS**
All resistors are in ohms
METAL : Metal-film resistor
METAL OXIDE : Metal Oxide-film resistor
F : nonflammable
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS**
In each case, u : μ , for example:
uA...: μ A..., uPA...: μ PA...,
uPB...: μ PB..., uPC...: μ PC...,
uPD...: μ PD...
- CAPACITORS**
uF : μ F
- COILS**
uH : μ H

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
				C36	1-123-382-00	ELECT	3.3uF 20% 100V
				C37	1-124-907-11	ELECT	10uF 20% 50V
				C39	1-163-059-00	CERAMIC MELF	0.01uF 20% 16V
				C40	1-124-463-00	ELECT	0.1uF 20% 50V
				C41	1-124-907-11	ELECT	10uF 20% 50V
				C42	1-163-059-00	CERAMIC MELF	0.01uF 20% 16V
				C43	1-126-176-11	ELECT	220uF 20% 10V
				C44	1-163-059-00	CERAMIC MELF	0.01uF 20% 16V
				C45	1-123-382-00	ELECT	3.3uF 20% 100V
				C46	1-161-375-00	CERAMIC CHIP	0.0022uF 20% 25V
				C47	1-163-170-00	CERAMIC CHIP	0.0047uF 20% 25V (G, IT)
				C48	1-123-382-00	ELECT	3.3uF 20% 100V
				C49	1-161-375-00	CERAMIC CHIP	0.0022uF 20% 25V
				C50	1-163-170-00	CERAMIC CHIP	0.0047uF 20% 25V (G, IT)
				C51	1-124-477-11	ELECT	47uF 20% 25V
				C53	1-163-105-00	CERAMIC CHIP	33pF 5% 50V
				C54	1-101-005-00	CERAMIC	0.022uF 50V (G, IT)
				C61	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C62	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C63	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C64	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C65	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C66	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C67	1-102-120-00	CERAMIC	0.0018uF 10% 50V
				C68	1-163-111-11	CERAMIC CHIP	0.0015uF 20% 25V
				C69	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C70	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C71	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C72	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C73	1-163-063-00	CERAMIC MELF	0.022uF 25V
				C81	1-102-961-00	CERAMIC	27pF 5% 50V
				C82	1-102-961-00	CERAMIC	27pF 5% 50V
				C83	1-163-059-00	CERAMIC MELF	0.01uF 20% 16V
				C84	1-163-059-00	CERAMIC MELF	0.01uF 20% 16V

CONNECTOR**DISPLAY**

Ref. No.	Part No.	Description	Remarks	Ref. No.	Part No.	Description	Remarks
* A-4341-562-A DISPLAY BOARD, COMPLETE (H3600: AEP, UK) * A-4341-563-A DISPLAY BOARD, COMPLETE (H3600: G, IT) * A-4341-554-A DISPLAY BOARD, COMPLETE (H6600: AEP, UK) * A-4341-556-A DISPLAY BOARD, COMPLETE (H6600: G, IT)							
			*****				〈 INDICATOR 〉
	* 4-932-810-11 CUSHION (FL)				FLT701	△ 1-519-651-11 INDICATOR TUBE, FLUORESCENT	
							〈 IC 〉
		(CAPACITOR)			IC701	8-759-246-31 IC TMP87CK70F-6001	
C601	1-124-471-00 ELECT	1000uF	20%	6. 3V	IC702	8-759-500-31 IC X24C01P (H3600)	
C701	1-126-177-11 ELECT	100uF	20%	10V	IC702	8-759-504-12 IC X24C01S (H6600)	
C702	1-164-159-11 CERAMIC	0.1uF		50V	IC703	8-749-920-83 IC GP1U52XB (H3600)	
C703	1-164-159-11 CERAMIC	0.1uF		50V	IC703	8-741-100-63 IC SBX1619-51 (H6600)	
C704	1-124-463-00 ELECT	0.1uF	20%	50V			〈 COIL 〉
C705	1-161-494-00 CERAMIC	0.022uF		25V	L701	1-410-521-11 INDUCTOR	100uH
C706	1-162-203-31 CERAMIC	15PF	5%	50V	L702	1-410-521-11 INDUCTOR	100uH
C707	1-162-203-31 CERAMIC	15PF	5%	50V			〈 TRANSISTOR 〉
C710	1-164-159-11 CERAMIC	0.1uF		50V	Q701	8-729-900-80 TRANSISTOR	DTC114ES
C711	1-126-157-11 ELECT	10uF	20%	16V	Q702	8-729-900-80 TRANSISTOR	DTC114ES
C712	1-125-624-11 DUBLE LAYERS	0.22F		5. 5V	Q703	8-729-620-05 TRANSISTOR	2SC2603-EF
C713	1-136-173-00 FILM	0.47uF	5%	50V	Q705	8-729-119-76 TRANSISTOR	2SA1175-HFE
C714	1-136-173-00 FILM	0.47uF	5%	50V	Q706	8-729-900-80 TRANSISTOR	DTC114ES
C715	1-136-173-00 FILM	0.47uF	5%	50V	Q707	8-729-620-05 TRANSISTOR	2SC2603-EF
		(CERAMIC VIBRATOR)					〈 RESISTOR 〉
CF701	1-579-125-11 VIBRATOR, CERAMIC (8MHz)			R601	1-249-393-11 CARBON	10	5% 1/4W
		(CONNECTOR)		R701	1-249-417-11 CARBON	1K	5% 1/4W
CNJ601	* 1-566-859-11 SOCKET, CONNECTOR 15P			R702	1-249-417-11 CARBON	1K	5% 1/4W
CNJ602	* 1-564-341-11 PIN, CONNECTOR 7P			R703	1-249-417-11 CARBON	1K	5% 1/4W
CNJ603	* 1-564-337-00 PIN, CONNECTOR 3P			R704	1-249-417-11 CARBON	1K	5% 1/4W
CNJ604	* 1-565-561-11 PIN, CONNECTOR 3P			R705	1-249-417-11 CARBON	1K	5% 1/4W
CNJ701	* 1-564-342-11 PIN, CONNECTOR 8P			R706	1-249-423-11 CARBON	3. 3K	5% 1/4W
CNJ702	* 1-564-339-00 PIN, CONNECTOR 5P			R707	1-249-423-11 CARBON	3. 3K	5% 1/4W
		(DIODE)		R708	1-249-421-11 CARBON	2. 2K	5% 1/4W
D701	8-719-912-20 DIODE	1SS120		R709	1-249-423-11 CARBON	3. 3K	5% 1/4W
D702	8-719-912-20 DIODE	1SS120		R710	1-249-429-11 CARBON	10K	5% 1/4W
D707	8-719-912-20 DIODE	1SS120		R711	1-249-429-11 CARBON	10K	5% 1/4W
D710	8-719-301-39 DIODE	SEL2210S-D (PRESET)		R712	1-249-411-11 CARBON	330	5% 1/4W
D711	8-719-301-39 DIODE	SEL2210S-D (TUNING)		R713	1-247-887-00 CARBON	220K	5% 1/4W
D712	8-719-912-20 DIODE	1SS120		R714	1-249-429-11 CARBON	10K	5% 1/4W
D714	8-719-912-20 DIODE	1SS120		R715	1-249-417-11 CARBON	1K	5% 1/4W
D715	8-719-010-28 DIODE	UZ-4. 3BSA		R716	1-249-429-11 CARBON	10K	5% 1/4W
D716	8-719-912-20 DIODE	1SS120		R717	1-249-425-11 CARBON	4. 7K	5% 1/4W
D717	8-719-912-20 DIODE	1SS120		R718	1-249-429-11 CARBON	10K	5% 1/4W
D718	8-719-912-20 DIODE	1SS120		R719	1-249-429-11 CARBON	10K	5% 1/4W
				R720	1-249-429-11 CARBON	10K	5% 1/4W
				R721	1-249-429-11 CARBON	10K	5% 1/4W
				R722	1-249-429-11 CARBON	10K	5% 1/4W
				R723	1-249-423-11 CARBON	3. 3K	5% 1/4W
				R724	1-249-429-11 CARBON	10K	5% 1/4W

The components identified by mark Δ or dotted line with mark Δ are critical for safety.
Replace only with part number specified.

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

CONNECTOR	DISPLAY
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Ref. No.	Part No.	Description	Remarks		
R725	1-249-417-11	CARBON	1K	5%	1/4W
R726	1-249-417-11	CARBON	1K	5%	1/4W
R727	1-249-417-11	CARBON	1K	5%	1/4W
R728	1-249-417-11	CARBON	1K	5%	1/4W
R729	1-249-417-11	CARBON	1K	5%	1/4W
R730	1-249-417-11	CARBON	1K	5%	1/4W
R731	1-249-429-11	CARBON	10K	5%	1/4W
R732	1-249-429-11	CARBON	10K	5%	1/4W
R733	1-249-429-11	CARBON	10K	5%	1/4W
R734	1-249-417-11	CARBON	1K	5%	1/4W
R736	1-249-429-11	CARBON	10K	5%	1/4W
R737	1-249-409-11	CARBON	220	5%	1/4W
R738	1-247-895-00	CARBON	470K	5%	1/4W

< SWITCH >

S701	1-554-303-21	SWITCH, TACTILE (CLOCK)
S702	1-554-303-21	SWITCH, TACTILE (TIMER CONTROL)
S703	1-554-303-21	SWITCH, TACTILE (TIMER SET)
S705	1-554-303-21	SWITCH, TACTILE (MEMORY NEXT)
S706	1-554-303-21	SWITCH, TACTILE (MODE)
S707	1-554-303-21	SWITCH, TACTILE (STEREO/MONO)
S708	1-554-303-21	SWITCH, TACTILE (BAND)
S709	1-554-303-21	SWITCH, TACTILE (TUNING -)
S710	1-554-303-21	SWITCH, TACTILE (TUNING +)

< CRYSTAL VIBRATOR >

XT701 1-527-997-22 VIBRATOR, CRYSTAL (32kHz)

ST-H3600/H6600

SONY.
SERVICE MANUAL

4/18
AEP Model
UK Model

CORRECTION-1

Correct your service manual as shown below.

 : indicates corrected portion.

Page	INCORRECT			CORRECT	
	No.	Part No.	Description	Part No.	Description
25	3	X-4941-544-1 X-4942-523-1	PANEL ASSY, ASSY (H3600) PANEL ASSY, ASSY (H6600)	X-4941-544-1 X-4941-523-1	PANEL ASSY, ASSY (H3600) PANEL ASSY, ASSY (H6600)

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