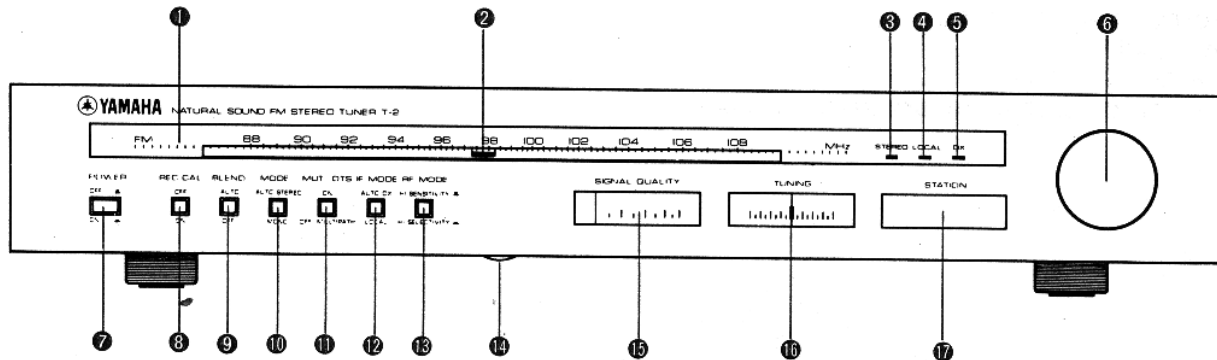


T-2

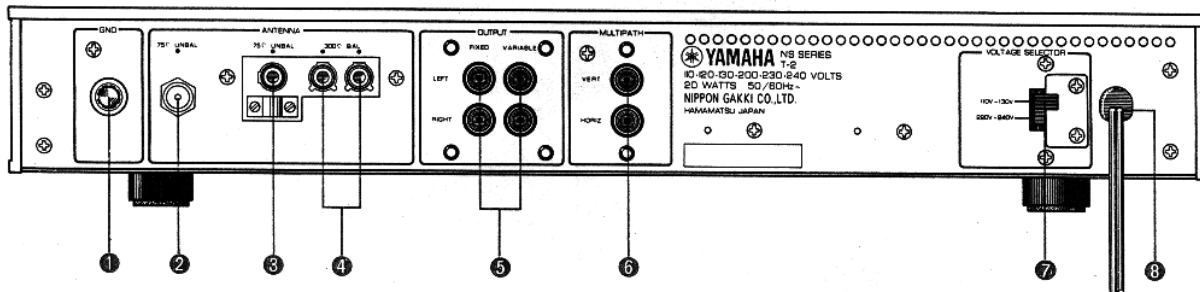
SERVICE MANUAL

FRONT PANEL



- | | |
|--------------------|------------------------|
| ① FM DIAL SCALE | ⑩ MODE SWITCH |
| ② DIAL POINTER | ⑪ MUT/OTS SWITCH |
| ③ STEREO INDICATOR | ⑫ IF MODE SWITCH |
| ④ LOCAL INDICATOR | ⑬ RF MODE SWITCH |
| ⑤ DX INDICATOR | ⑭ OUTPUT LEVEL CONTROL |
| ⑥ TUNING KNOB | ⑮ SIGNAL QUALITY METER |
| ⑦ POWER SWITCH | ⑯ TUNING METER |
| ⑧ REC CAL SWITCH | ⑰ STATION INDICATOR |
| ⑨ BLEND SWITCH | |

REAR PANEL (GENERAL MODELS)



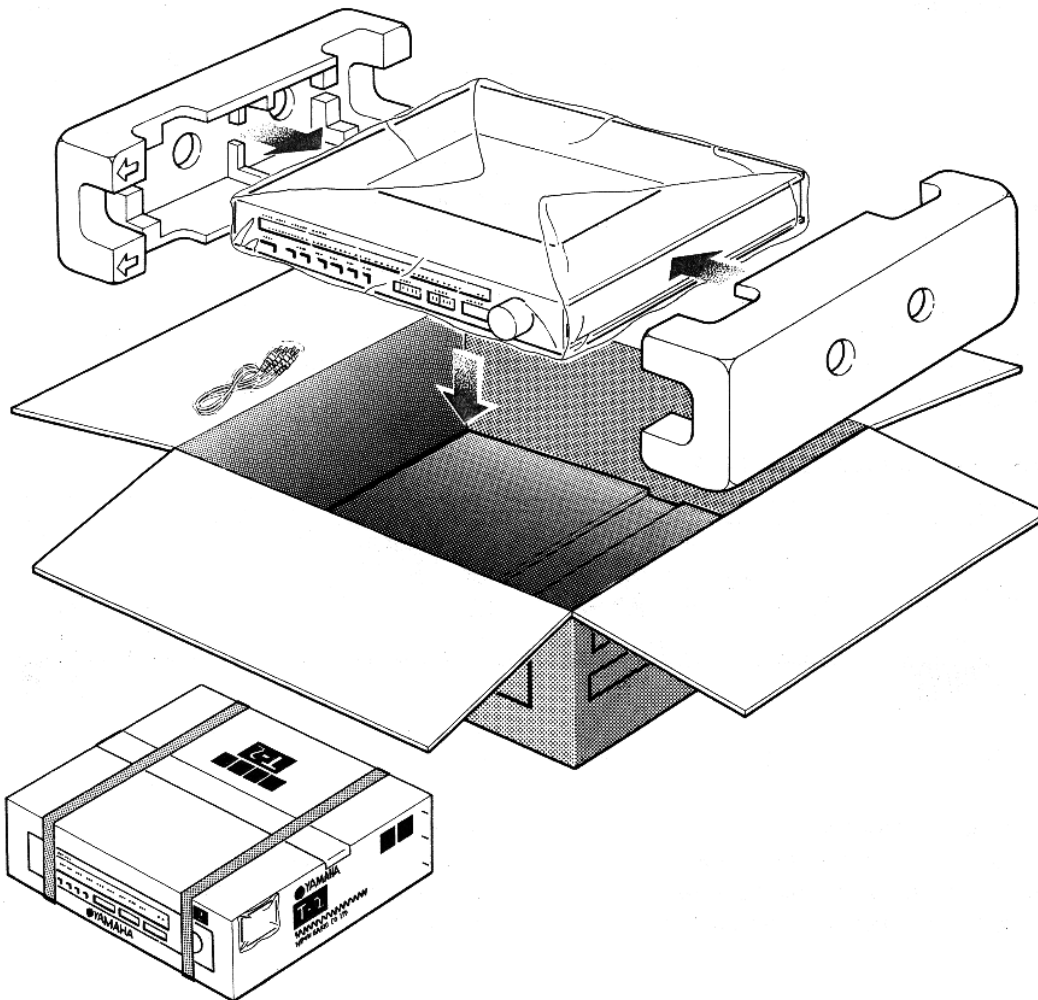
- | | |
|--------------------------------|---------------------------|
| ① GROUND TERMINAL | ⑤ OUTPUT JACKS |
| ② 75Ω (UNBAL) ANTENNA SOCKET | ⑥ MULTIPATH JACKS |
| ③ 75Ω (UNBAL) ANTENNA TERMINAL | ⑦ VOLTAGE SELECTOR SWITCH |
| ④ 300Ω (BAL) ANTENNA TERMINALS | ⑧ AC CORD |

004366

 **YAMAHA**
Printed in Japan 6.78, T.T   2K

■CONTENTS

PACKAGE	2
SPECIFICATIONS	3
REAR PANELS	4
INTERNAL VIEW	5
DIAL MECHANISM	5
DISASSEMBLY PROCEDURES	6
CIRCUIT DISCRPTION	9
TUNER CIRCUIT BOARD/ TEST POINTS	11
ADJUSTMENTS	13
DIGITAL CIRCUIT BOARD	19
PARTS LIST	20
SCHEMATIC DIAGRAM	30
PRINTED CIRCUIT BOARDS/WIRING DIAGRAM	31



SPECIFICATIONS

FM SECTION

Tuning Range	87.6 to 108 MHz	
50 dB Quieting Sensitivity		
Mono (HI SENS., AUTO DX MODE)	2.5 μ V 13.2 dBf	
Stereo (HI SENS., AUTO DX MODE)	28 μ V 34.2 dBf	
Usable Sensitivity (40 kHz Dev.)		
IHF (98 MHz)		
HI SENS. MODE	1.5 μ V (300 Ω) 8.8 dBf 0.75 μ V (75 Ω) 8.8 dBf	
HI SELECT MODE	3 μ V (300 Ω) 14.8 dBf 1.5 μ V (75 Ω) 14.8 dBf	
DIN		
Mono (S/N 26 dB)	1.2 μ V (HI SENS., AUTO DX MODE)	
Stereo (S/N 46 dB)	28 μ V (HI SENS., AUTO DX MODE)	
Image Response Ratio (98 MHz)	120 dB	
IF Response Ratio (98 MHz)	120 dB	
Spurious response Ratio (98 MHz)	120 dB	
AM Suppression Ratio (IHF)	68 dB	
Capture Ratio (IHF)		
LOCAL MODE	1.0 dB	
DX MODE	1.5 dB	
Alternate Channel Selectivity		
IHF		
AUTODX, HI SELECT MODE	100 dB (Automatically switched to DX mode by interference detection)	
LOCAL MODE	55 dB	
DIN		
AUTO DX HI SELECT MODE	75 dB	
LOCAL MODE	35 dB	
Signal-to-Noise Ratio (at 65 dBf)		
Mono	88 dB(IHF), 83 dB(DIN)	
Stereo	85 dB(IHF), 80 dB(DIN)	
RF Intermodulation (\pm 1 MHz)		
HI SELECT MODE	100 dB	
HI SENS. MODE	85 dB	
Distortion (at 65 dBf)		
Mono	LOCAL MODE	DX MODE
100 Hz	0.03%	0.1%
1 kHz	0.05%	0.15%
6 kHz	0.08%	0.3%
10 kHz	0.05%	0.1%
Stereo	LOCAL MODE	DX MODE
100 Hz	0.05%	0.4%
1 kHz	0.05%	0.4%
6 kHz	0.07%	0.6%
10 kHz	0.1%	1.0%
IM Distortion (IHF)	LOCAL MODE	DX MODE
Mono	0.03%	0.3%
Stereo	0.08%	0.5%

Stereo Separation	LOCAL MODE	DX MODE
1 kHz	55 dB	35 dB
50 Hz to 10 kHz	48 dB	30 dB
Frequency Response		
30 Hz to 15 kHz	+0.3 dB, -0.5 dB	
10 Hz to 18 kHz	+0.3 dB, -3 dB	
Subcarrier Product Ratio	72 dB	
Muting Threshold	3 μ V (14.8 dBf): AUTO DX, HI SENS. MODE	
AUTO DX Active Level	50 μ V (39.2 dBf) (Automatically switched to DX mode when interference level reaches approx. -50 dB in stereo mode.)	
AUDIO SECTION		
Output Level/Impedance		
-Variable Terminals-		
FM (100% mod. 1 kHz)	0.1 to 1V/2.5 k Ω (VR min. to max.) 500 mV/2.5 k Ω (VR center)	
REC CAL Signal	50 to 500 mV/2.5 k Ω (VR min. to max.) 250 mV/2.5 k Ω (VR center) (333 Hz; Corresponding to 50% FM modulation)	
-Fixed Terminals-		
FM (100% mod. 1 kHz)	1V/330 Ω	
REC CAL Signal (333 Hz)	500 mV/330 Ω	

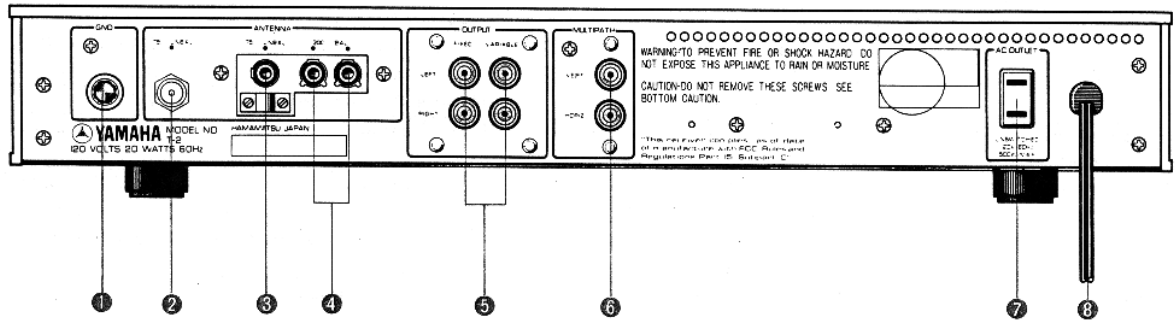
GENERAL

Semiconductors	60 Transistors, 19 ICs (General, US & Canadian and Australian Models), 21 ICs (European, North European and British Models) 11 FETs, 32 Diodes, 5 Zener Diodes, 3 LEDs, 4 Ceramic Block Filters, 1 Quartz Oscillator.
Power Supply	
US & Canadian models	120 V AC, 60 Hz
General Model	110 ~ 130 V/220 ~ 240 V AC, 50/60 Hz
European Model	110 ~ 130 V/220 ~ 240 V AC, 50 Hz
North European Model	220 V AC, 50 Hz
British & Australian Model	240 V AC, 50 Hz
Power Consumption	20W
Dimensions (W x H x D)	435 x 70 x 349 mm (17-1/8 x 2-3/4 x 13-3/4")
Weight	7 kg (15 lb 7 oz)

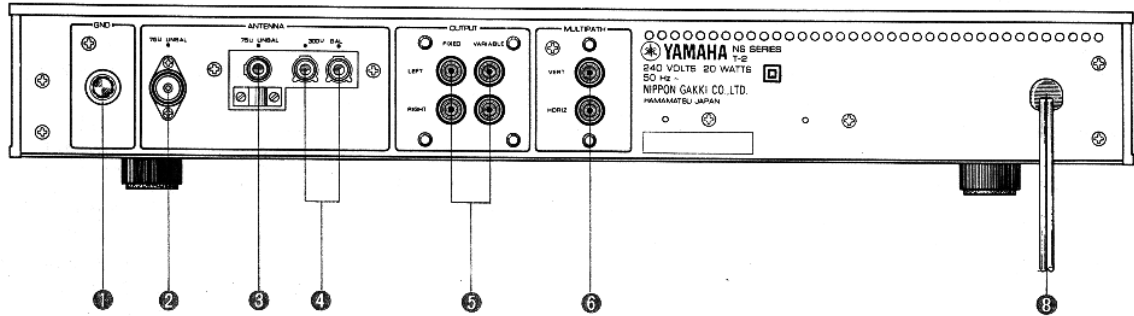
Specifications subject to change without notice.

REAR PANELS

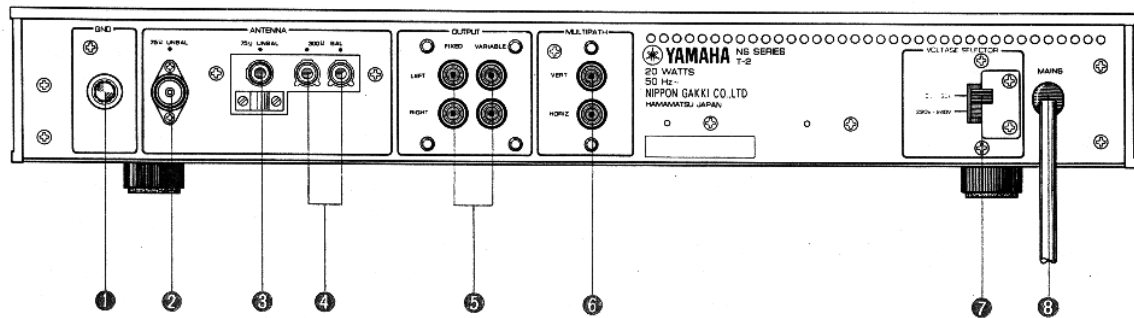
▼ US & CANADIAN MODELS



▼ NORTH EUROPEAN, AUSTRALIAN & BRITISH MODELS



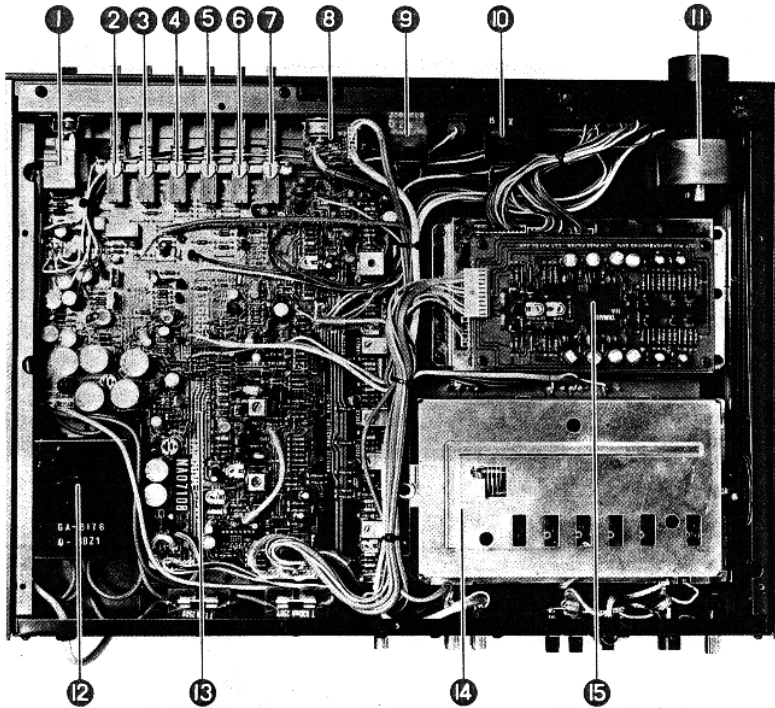
▼ EUROPEAN MODEL



- ① GROUND TERMINAL
- ② 75Ω (UNBAL) ANTENNA SOCKET
- ③ 75Ω (UNBAL) ANTENNA TERMINAL
- ④ 300Ω (BAL) ANTENNA TERMINALS

- ⑤ OUTPUT JACKS
- ⑥ MULTIPATH JACKS
- ⑦ VOLTAGE SELECTOR SWITCH
- ⑧ AC CORD

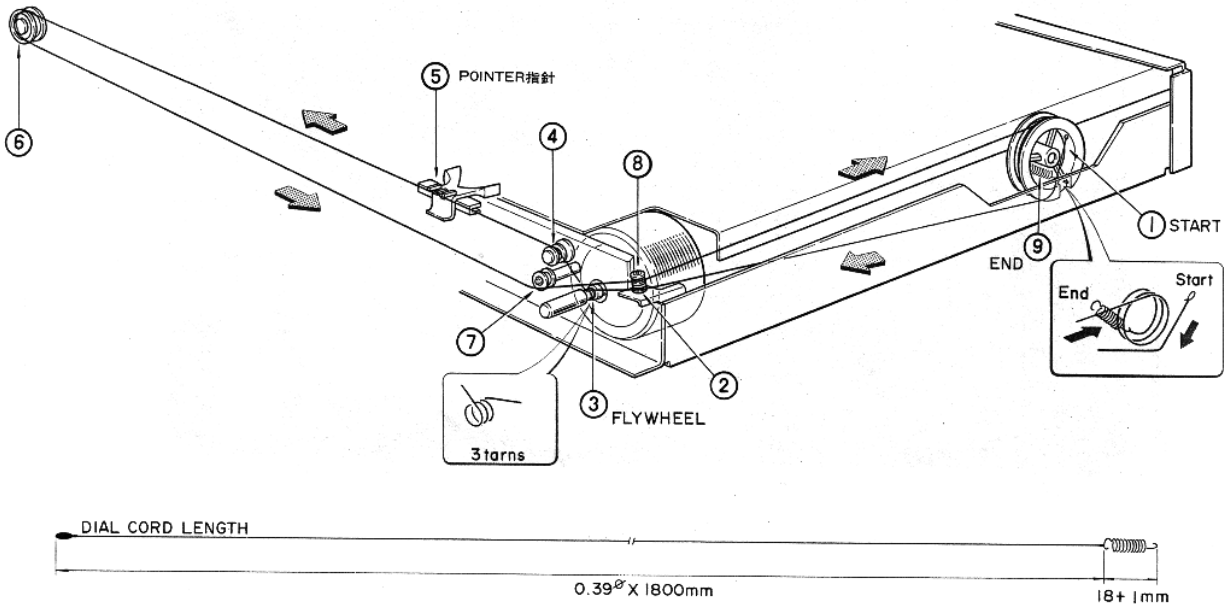
INTERNAL VIEW



- ① POWER SWITCH
- ② REC CAL SWITCH
- ③ BLEND SWITCH
- ④ MODE SWITCH
- ⑤ MUT/OTS SWITCH
- ⑥ IF MODE SWITCH
- ⑦ RF MODE SWITCH
- ⑧ TUNER CIRCUIT BOARD (3)
- ⑨ SIGNAL METER
- ⑩ TUNING METER
- ⑪ FLYWHEEL
- ⑫ POWER TRANSFORMER
- ⑬ TUNER CIRCUIT BOARD (1)
- ⑭ FRONT END PACK
- ⑮ POST AMP CIRCUIT BOARD

DIAL MECHANISM

* Before replacing the dial string, refer to "Removing the scale holder unit" under step 8 of the disassembly procedures and remove the scale holder first.



DISASSEMBLY PROCEDURES

1. Bottom cover removal

Turn the model over and remove screws (1) to (7) in Photo 1 (M3 x 6 pan head screws) as well as the bottom cover.

Note: Adjustments of the printed circuit board and exchange of power transformer are able.

2. Front panel ass'y removal

- a. Remove the bottom cover under step 1. Now proceed with step b.
- b. Remove screws (1) to (4) in Photo 2 (M3 x 6 black bind head screws).
- c. Use a 2 mm hexagonal wrench key to loosen the two hexagonal setscrews of the tuning knob from the slit in Photo 2, and then remove the tuning knob.
- d. Remove screws (6) to (10) in Photo 2 (M3 x 6S sems screws).
- e. Hold the rear panel and shift it about 5 cm to the rear. Now separate the push rod and the tuning shaft from the front panel and keep in this state.
- f. Lift up the main chassis unit gently, and remove the main chassis unit from the front panel ass'y.

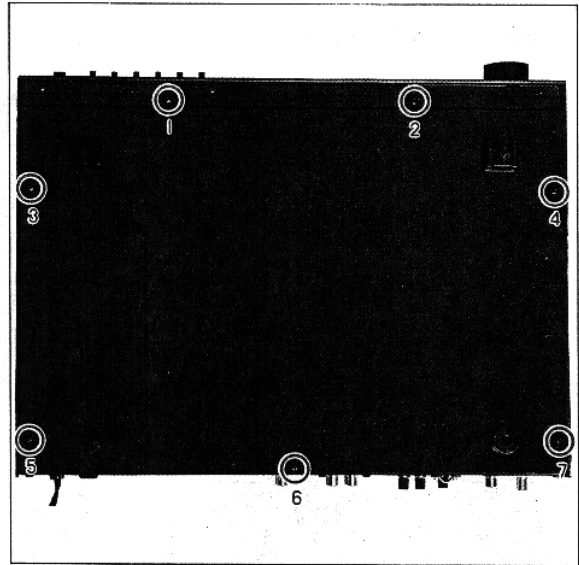


Photo 1

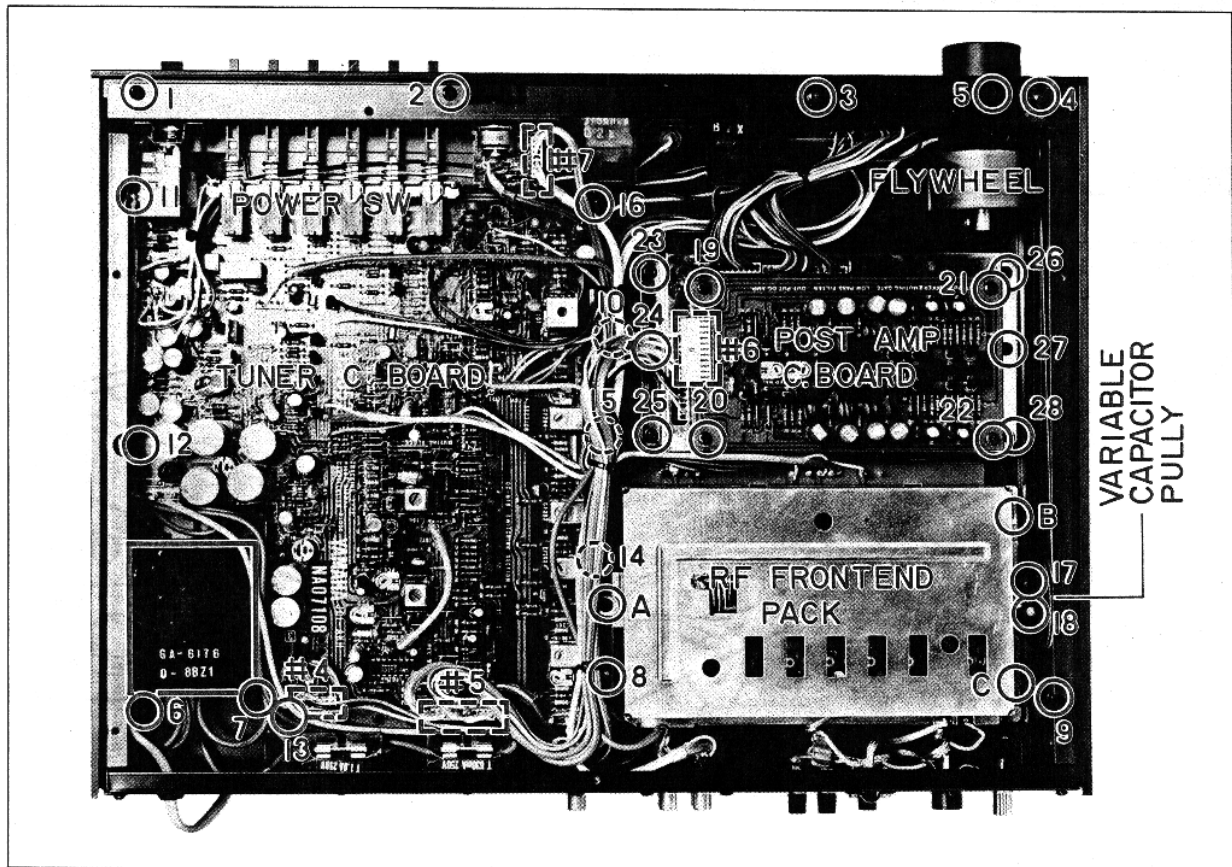


Photo 2

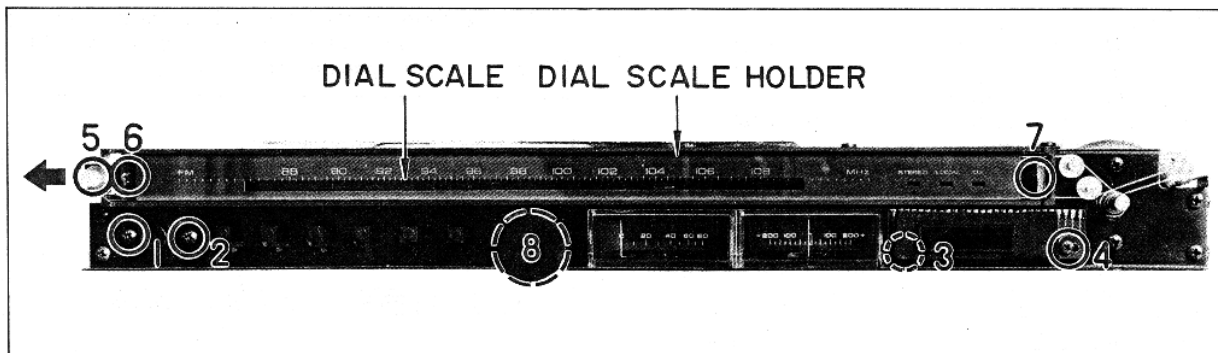


Photo 3

3. Tuner printed circuit board (1) removal

- Proceed with steps 1 and 2.
- Pull out connectors #4 and #5 in Photo 2 which are connected to the tuner printed circuit board (1).
- Remove screws (1) and (2) in Photo 3 (M3 x 6 bind head screws), and then remove the power switch along with the fitting.
- Remove screws (11) to (16) in Photo 2 (M3 x 6 bind head screws), and then remove the tuner printed circuit board (1).

4. RF front end pack removal

- Remove the bottom cover under step 1.
- Detach the lead wires which are attached to the connectors of the RF front end pack in Photo 2, and also the ground wire.
- Loosen screws (17) and (18) of the variable capacitor pulley in Photo 2 and then pull out the pulley from the variable capacitor shaft. You will find that if you wind adhesive tape or vinyl tape to secure the dial string to the pulley so that the string does not get tangled up (see Fig. 1), the replacement operation will be facilitated.
- Remove screws (A) to (C) in Photo 2, and then remove the RF front end pack.

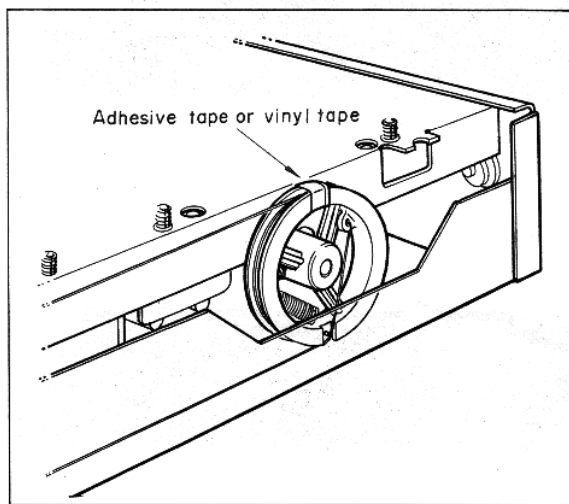


Fig. 1

5. Post amp printed circuit board removal

- Remove the bottom cover under step 1.
- Pull out connector #6 in Photo 2.
- Remove screws (19) to (22) in Photo 2 (M3 x 6 bind head screws) and remove the post amp printed circuit board.

6. Digital printed circuit board removal

- Proceed with the removal of the bottom cover under step 1.
- Pull out connector #6 in Photo 2.
- Remove screws (23) to (28) in Photo 2 (M3 x 6 bind head screws), and remove the digital printed circuit board along with the shield case. (See Photo 4.)
* The post amp printed circuit board is attached to the cover of the shield case and so remove screws (19) to (22) in Photo 2 when removing the post amp printed circuit board.
- Pull out connectors #1, #2 and #3 of the digital printed circuit board, and detach the lead wires.

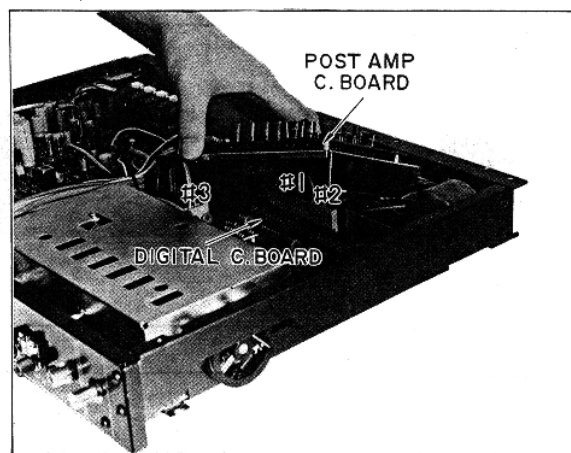


Photo 4

7. LED indicator (display ass'y) removal

- Proceed with steps 1 and 2.
- Remove screws (3) and (4) in Photo 3 (M2.6 x 5 bind head screws) and then remove the LED indicator
* Screw (3) is on the inside of the masking tape.
- Pull out connectors #1 and #2 of the digital printed circuit board. (See Photo 4.)

8. Scale holder unit removal

Note: Wear gloves for this procedure so as not to leave your fingerprints on the dial scale.

- Remove the front panel ass'y. (See step 2.)
- Pull out the pilot lamp in Photo 3 in the direction indicated by the arrow.
- As in Fig. 2, depress the dial scale in the direction of arrow 1, and then remove it in the direction of arrow 2.
* When the dial scale is attached to the holder, depress in the direction of arrow 1 in Fig. 2 and at the same time slip it into the holder.
- Remove screw (6) and (7) in Photo 3 (M3 x 6 bind head screws) and then remove the dial scale holder.

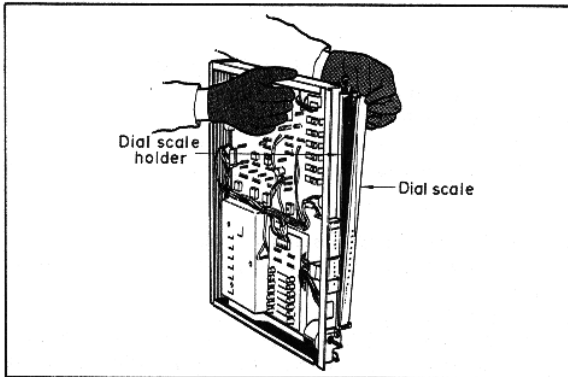


Fig. 2

* When the dial scale holder is removed, the semi-disassembled model will look like that in Photo 5.

9. Tuner printed circuit board (2) LED indicator removal

- Remove the dial scale holder. (See step 8.)

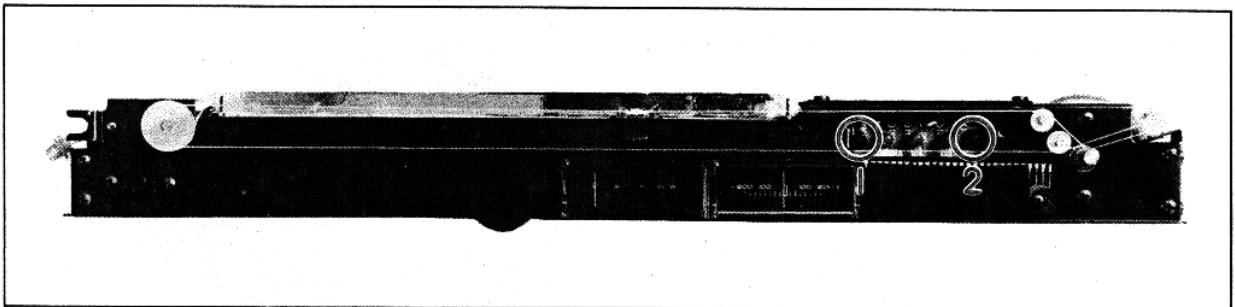


Photo 5

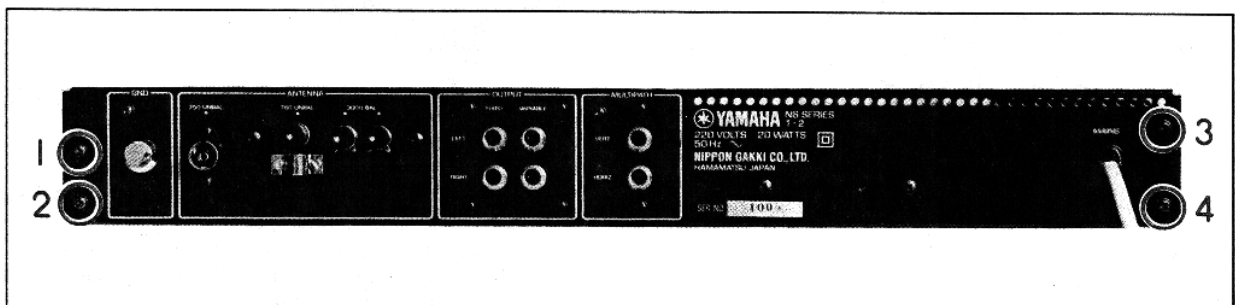


Photo 6

- Remove plastic rivets (1) and (2) in Photo 5 (see Fig. 3), and then remove tuner printed circuit board (2).

Fig. 3 Removing the plastic rivets

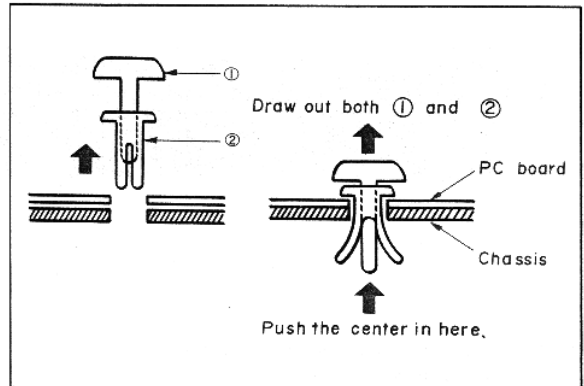


Fig. 3

10. Tuner printed circuit board (3) removal

- Proceed with steps 1 and 2.
- Pull out the knob in Photo 3 gently from the shaft of the variable resistor (VR206, 10KB x 2).
- Use an 11 mm key wrench to loosen the nut that secures the variable resistor and remove it.
- Pull out connector #7 of the output variable resistor of tuner printed circuit board (3), and detach the lead wires which are connected to the board (refer to Photo 2).

11. Rear panel removal

- Proceed with steps 1 and 2.
- Remove screws (1) to (4) in Photo 6 (M3 x 6 bind head screws).
- Detach the lead wires which are connected to the rear panel and then remove the rear panel itself.

CIRCUIT DESCRIPTION

Operation of digital printed circuit board

The digital circuit board, which serves to indicate the frequency during tuning, is mainly composed of the following circuits:

- (1) Clock oscillator
- (2) Divider
- (3) RF input circuit
- (4) Counter
- (5) LED drive circuit
- (6) LED lighting circuit

As indicated in the digital printed circuit board's block diagram in Fig. 4, the IC's are actuated by the DC muting voltage for LED control and by the clock oscillation and frequency display pulse signals, the frequency of the local oscillator output from the OSC terminal of the RF front end is divided and detected, and the LED indicators light up.

1. Clock oscillator

The clock oscillator is composed of IC506: TC5082P and a 10.24 MHz crystal oscillator.

IC506 is an IC which integrates a flip-flop for frequency division at a ratio of 1/4096 with the oscillator section.

The oscillation circuit features a 1 M-ohm resistor for feedback connected to the inverter and it causes the crystal oscillator (10.24 MHz) to oscillate.

The oscillation output which has passed through the buffer amplifier can be checked at terminal CHK2.

The oscillation output passes through the 12-stage flip-flop, its frequency is divided by 1/4096 and the output appears as a 2.5 kHz pulse signal at pin 4.

2. Divider

The 2.5 kHz output signal from the clock oscillator is sent to pin 14 of IC505 for the divider.

IC505: SN74LS93 is a high-speed counter composed of four master-slave flip-flops and it is made up of a 1/16 frequency divider.

IC504 is configured at a 4-input NAND gate circuit using multi-emitter transistors. It receives the output of IC505, mixes it and feeds out timing pulses such as those in Fig. 1 from pins 8 and 6.

The output signal from pin 8 becomes the pulse that determines the RF input through time, and the output signal from pin 6 becomes the IC507-510 preset timing pulse.

3. RF input circuit

The input signal of the local oscillator which is taken out from the RF front end OSC terminal enters the RF IN terminal on the digital printed circuit board, and then enters pin 6 of IC501: HD10131.

The signal passes through the two pairs of high-speed flip-flops inside IC501 and its frequency is then divided by 1/4.

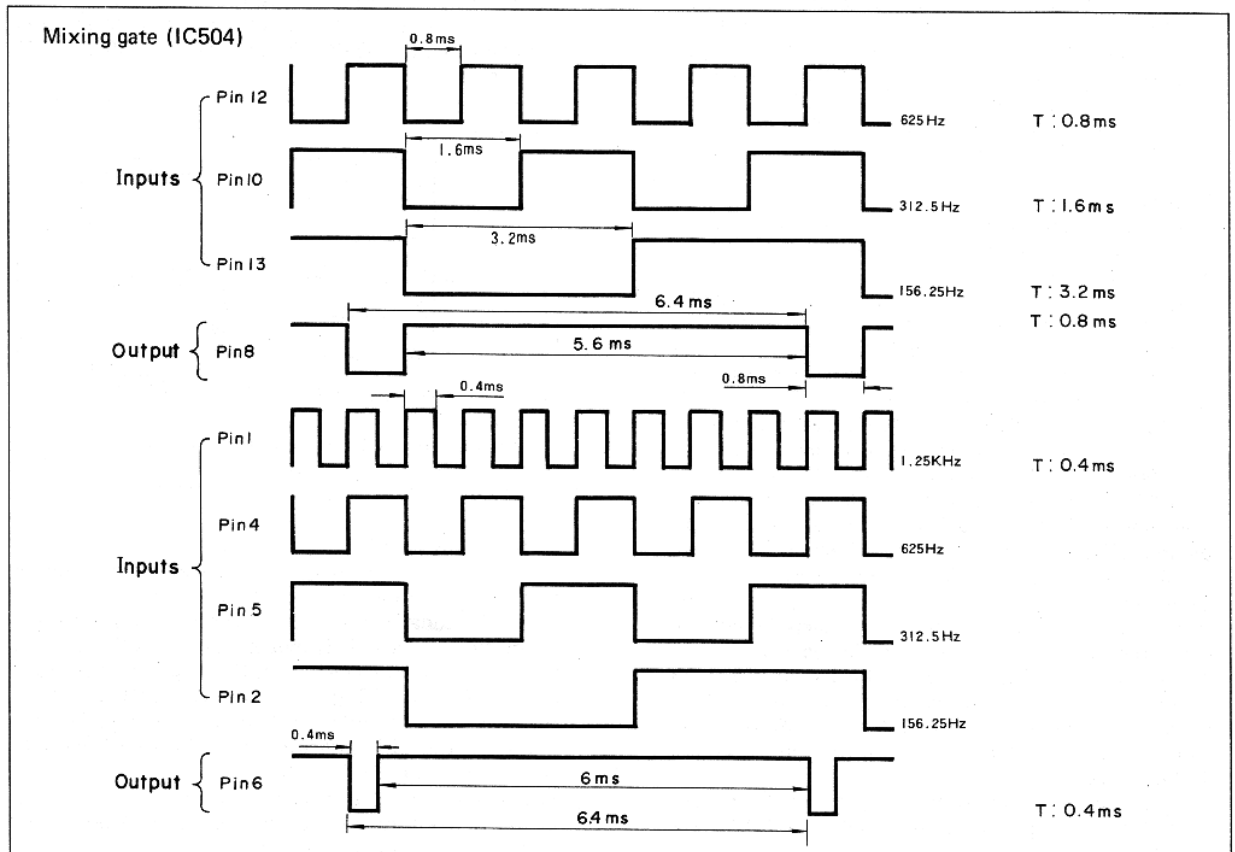
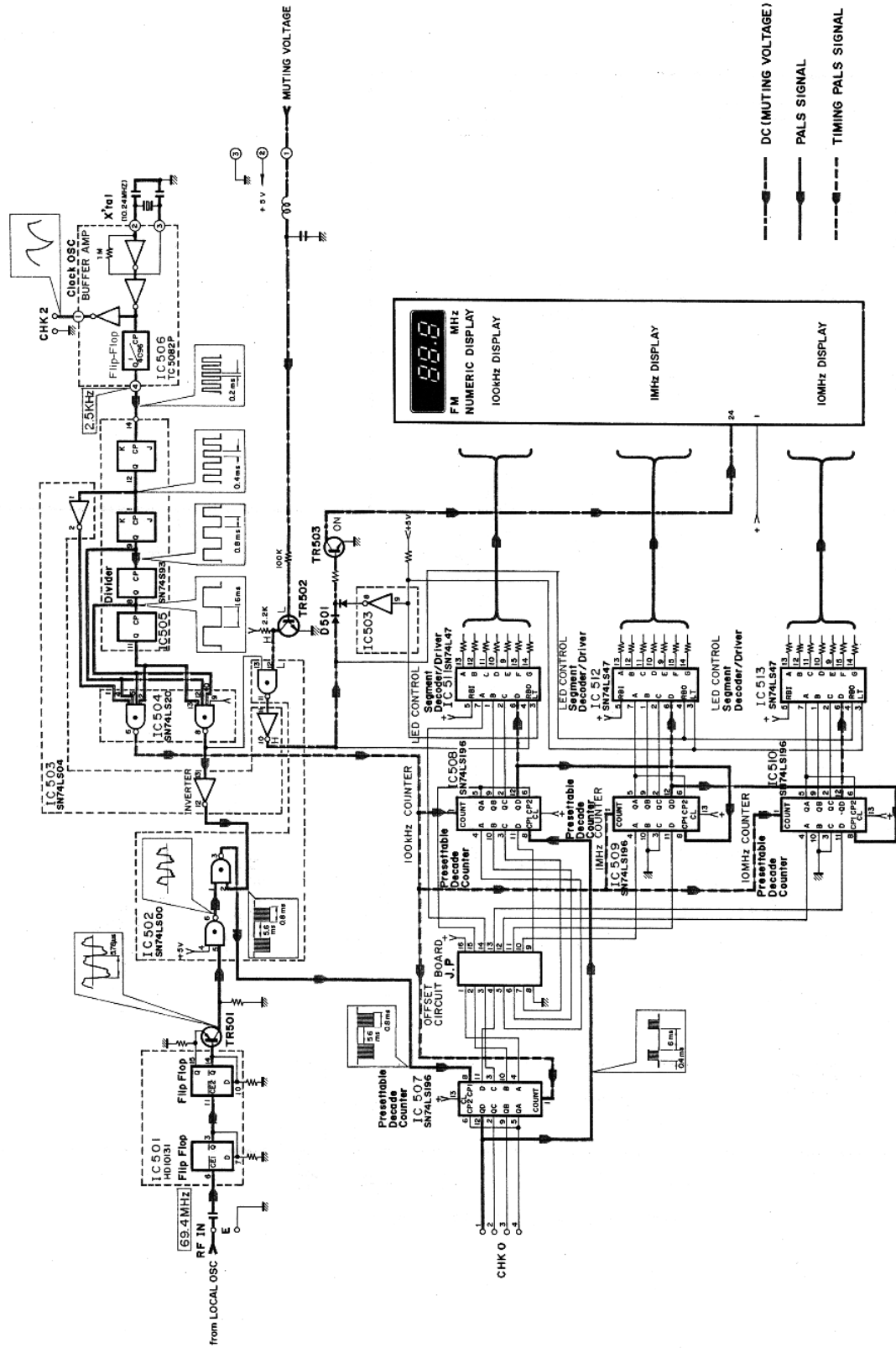
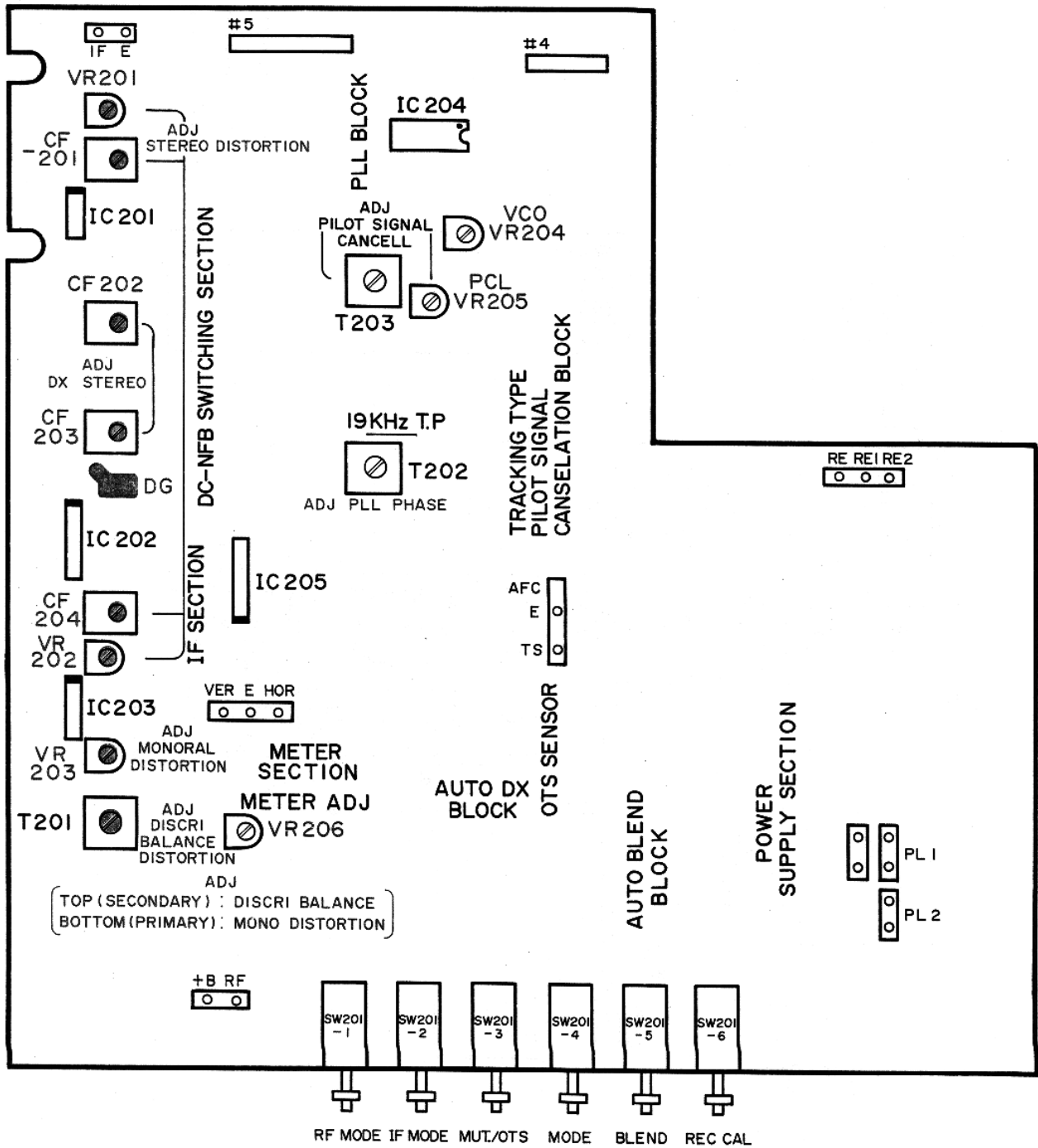


Fig. 1

DIGITAL CIRCUIT BOARD BLOCK DIAGRAM



TUNER CIRCUIT BOARD/TEST POINT



ADJUSTMENT

- Set the switches to the following positions:
RF MODE – HI SENSITIVITY
IF MODE – LOCAL
AUTO BLEND – OFF
- The center position of the tuning scale at the detuning point is acceptable if it is ± 2 mm or less from the center of the scale center.
- The reception frequency indicated on the digital display should indicate the same frequency within the muting width.

* Measuring instrument abbreviations
FM SG: FM signal generator
OSC: Oscilloscope
DM: Digital multimeter
DIST M: Distortion meter
FC: Frequency counter

1. Tuning printed circuit board adjustments

Step	Adjustment item	Connection terminal	Measuring instrument (conditions)	Adjustment part	Adjustment method	Rating (St'd)	Remarks
1	Front end IF core preset	Connect FM SG through a 300-ohm dummy load to antenna terminal (300 ohms).	Detuning point FM SG	Front end IF core	Rotate IF core to left and right, set tuning meter pointer to center.		Fig. 1 Fig. 2
2	Discriminator balance	See Step 1.	See Step 1.	TR201 (GE10020) Discriminator coil secondary (top) core	Rotate IF core to left and right, and set so that tuning meter pointer deflects within specification.	Inside center scale	With REC, CAL switches at ON, check that mechanical center point of tuning meter points to "O"
3.	Tuning point setting	See Step 1.	FM SG: antenna input 60dBu, 98MHz	Tuning knob	Set so that tuning meter pointer indicates center.		Fig. 2
4	Monaural distortion adjustment	See Step 1. OUTPUT (L) Terminal only	See Step 3. Monaural 1 kHz 100% modulation OSC, DM, DIST M	T201 (GE10020) Discriminator coil primary (bottom) core (VR203, 2KB)	Reduce distortion to minimum.	Less than -60dB (-66dB)	
5	VCO ADJ	See Step 1. 19 kHz, TP terminal	See Step 3. Non-modulation FC	VCO ADJ VR204 (5KB)	Set to 19 kHz.	19 kHz ± 20 Hz ± 5 Hz	
6	PLL input phase adjustment	See Step 1. OUTPUT (L) terminal only	See Step 3. Stereo 1 kHz, L-R 100% modulation OSC, DM	T202 (GE6056)	Adjust so that L-R level is brought to its maximum.		

Step	Adjustment item	Connection terminal	Measuring instrument (conditions)	Adjustment part	Adjustment method	Rating (St'd)	Remarks
7	Stereo modulation adjustment	See Step 1. OUTPUT (L) terminal only	See Step 3. Stereo (L) 1 kHz 100% modulation DM, DIST M	VR201 (1KB) CF 201 (GE00035) Front end IF core VR202 (500B) CF 204 (GE00035)	Reduce distortion to minimum.	Less than -60dB (66dB)	
8	Pilot canceling adjustment Carrier leakage adjustment	See Step 1. (OUTPUT (L, R))	See Step 3. PILOT 9% modulation OSC, DM	T203 (GE6056) PCL VR205 (100KB)	Adjust so that left and right carrier leakage is reduced to minimum.	Less than -66dB (-72 dB)	
9	Separation adjustment	See Step 1. OUTPUT (L, R)	See Step 3. Stereo (L, R) 1 kHz 100% modulation OSC, DM	SEP VR402 (2KB) SEP BAL VR401 (1KB) Post amp pc board	Attain balance between left and right with VR401, and maximum with VR402.	More than 52dB (58dB)	Fig. 5
10	Signal meter full scale adjustment	See Step 1.	See Step 3. Non-modulation	METER ADJ VR206 (100K)	Set so that meter pointer deflects within specified zone.	Between 70-80 (75)	Fig. 3
11	Pointer alignment	See Step 1.	98 MHz Antenna input 60 dBu	Tuning knob pointer	Rotate the tuning knob, tune so that tuning meter pointer is centered and align pointer with '98' on dial scale.	Less than 2 mm	Fig. 4
12	Stereo operation check	Reception frequency: detuned point near center. With 300-ohm antenna connected (through front end pack)	SG: 98 MHz Stereo L, R 100% modulation OSC, DM		Check that there is separation between L and R channels.		Check that monaural operation is available as soon as MODE SW is set to MONO.
13.	Muting operation check	See Step 12. FIXED OUTPUT L, R	See Step 6.		Set the MUT/OTS switch to the ON position, and check that the output does not appear while the model is detuned. Check that the output appears when the model is tuned in.		
14	OTS operation check	See Step 12. FIXED OUTPUT L, R	See Step 6.		<ol style="list-style-type: none"> 1) Set MUT/OTS switch to the OFF position and check that the pointer returns within ± 50kHz at a detuned position of ± 100kHz each when the switch is set to ON. 2) Set the MUT/OTS switch to ON, apply a 60Hz, 5mV signal to the TS terminal on the tuner pc board, detune about ± 100kHz, and check that the pointer returns within ± 50kHz when the signals are no longer applied. 		

Step	Adjustment item	Connection terminal	Measuring instrument (conditions)	Adjustment part	Adjustment method	Rating (St'd)	Remarks
15	AUTO DX operation check	See Step 2. FIXED OUTPUT L, R	See Step 4 60dB μ , 10dB μ		1) Set the IF MODE switch to AUTO DX and check that the LOCAL indicator comes on when the model is tuned and that the DX indicator comes on when detuned. 2) In this set-up, check that DX is selected when the antenna input is set to 10 dB μ .		
16	Forced LOCAL check	See Step 2. FIXED OUTPUT L	See Step 15. 10dB μ		In step 15 set up check that the LOCAL indicator comes on and the model is set to the LOCAL MODE when the IF MODE switch is set to the LOCAL position.		
17	AUTO BLEND operation check	See Step 2. FIXED OUTPUT L	See Step 7. Stereo 1kHz, 100% modulation 20 dB μ OSC		Check that the separation deteriorates when the FM BLEND switch is set from OFF to the AUTO BLEND position.		
18	REC CAL operation check	FIXED OUTPUT L	OSC, FC		Check that a 333 Hz \pm 60Hz signal is made available when the REC CAL switch is set to the ON position		
19	IF offset setting	See Step 11. IF terminal on tuner pc board	See Step 11. FC		Read out IF center frequency at tuning point, perform cutting of offset printed circuit board, and mount on digital printed circuit board. (Refer indicate to cutting indication figure under section 2.)		Station indicator should display the reception frequency precisely. Make sure this is performed on completion of adjustments in to Step 10
20	DX stereo adjustment	See Step 1.	See Step 7.	CF202, CF203	Adjust so that signal meter pointer deflects to maximum.	Less than \pm 2mm at tuning point	Adjust at fine adjustment range.

Note) Add the following check items between Steps 7 and 8.

When the signal generator output is set to over 110dB μ in the L+R MODE after the stereo distortion adjustment, check that the oscillation waveforms are not checked on the distortion waveforms and also that the deflection of the signal meter pointer does not decrease (within the whole reception frequency band).

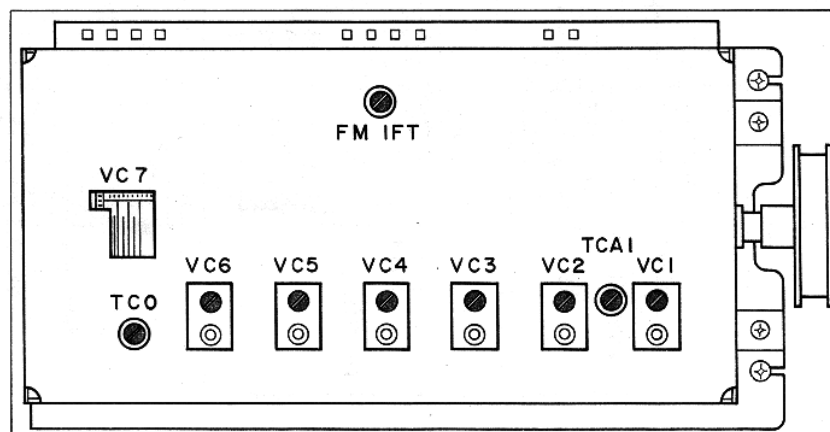


Fig. 1

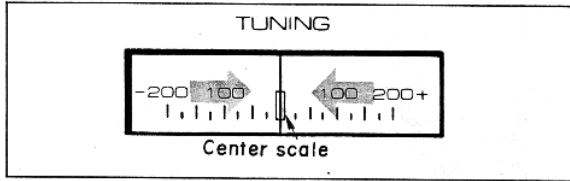


Fig. 2

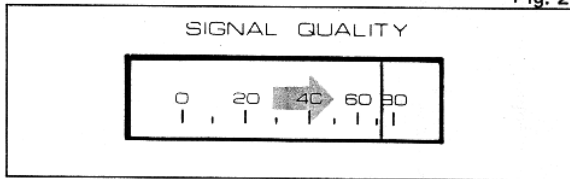


Fig. 3

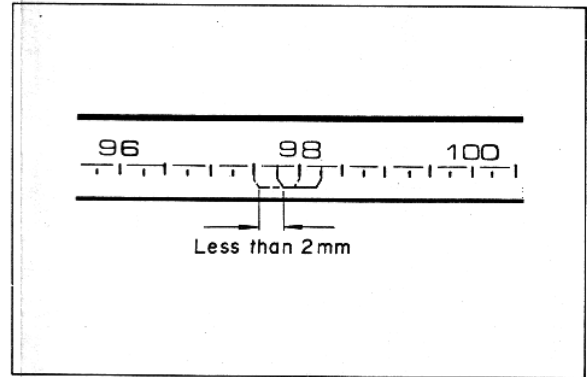


Fig. 4

2. Post amp printed circuit board adjustments

Set SEP VR402 (2KB), SEP BAL VR401 (1KB) to their approximate center positions. (See Fig. 5)

Step	Adjustment item	Connection terminal	Measuring instrument (conditions)	Adjustment part	Adjustment method	Rating (S't'd)
1	Output check	L1 R1 E LO RO E	OSC 400Hz (through 10 k-ohm load) 200mVrms; -12dBm OSC, DM, DIST M		Apply signals separately to both left and right channels and check the output levels and distortion	Output level +2dBm ±3dBm Distortion ≤ -74 dB: 0.02%
2	Frequency response check	See Step 1.	OSC 10kHz (through 10k-ohm load) OSC 15kHz (through 10 k-ohm load)		Read out deviation in level with respect to 400Hz output level.	-10.37dB ± 0.5dB -13.66dB ± 1dB

3. Digital printed circuit board adjustment

Step	Adjustment item	Connection terminal	Measuring instrument (conditions)	Rating (S't'd)
1	Crystal fo check	CHK2	FC	10.240MHz ± 2kHz (±500Hz)

* The reception frequency indicated on the digital display shall indicate the same frequency within the muting width (R, A, U, C). The digital indication shall be correct to a value of ±2 mm or less of the reception frequency scale (G, B, E).

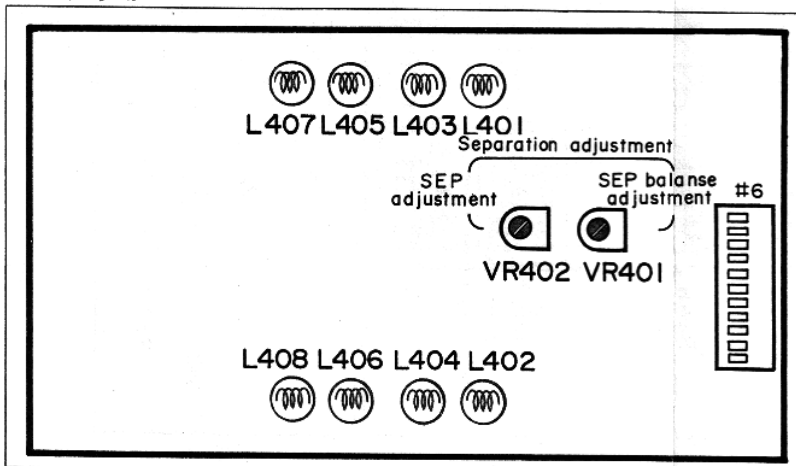


Fig. 5

US, CANADIAN, GENERAL & AUSTRALIAN MODELS

4. **Offset cutting indication figure**
 Cut part of the pc board pattern (see Table 1) in accordance with the IF center frequency of the model measured under Step 19, and then mount on the digital pc board. Align the front and rear, paying full attention to the seven locations.
 (If the pattern is not cut properly, the power supply and ground will be earthed.)
 Round off the 1kHz units of the IF center frequency measured.
 * Always perform this operation upon completion of the model adjustments.

	10.54MHz	10.55MHz	10.56MHz	10.57MHz	10.58MHz	10.59MHz
FRONT						
10.5MHz level						
REAR						

	10.60MHz	10.61MHz	10.62MHz	10.63MHz	10.64MHz	10.65MHz	10.66MHz	10.67MHz	10.68MHz	10.69MHz
FRONT										
10.6MHz level										
REAR										

	10.70MHz	10.71MHz	10.72MHz	10.73MHz	10.74MHz	10.75MHz	10.76MHz	10.77MHz	10.78MHz	10.79MHz
FRONT										
10.7MHz level										
REAR										

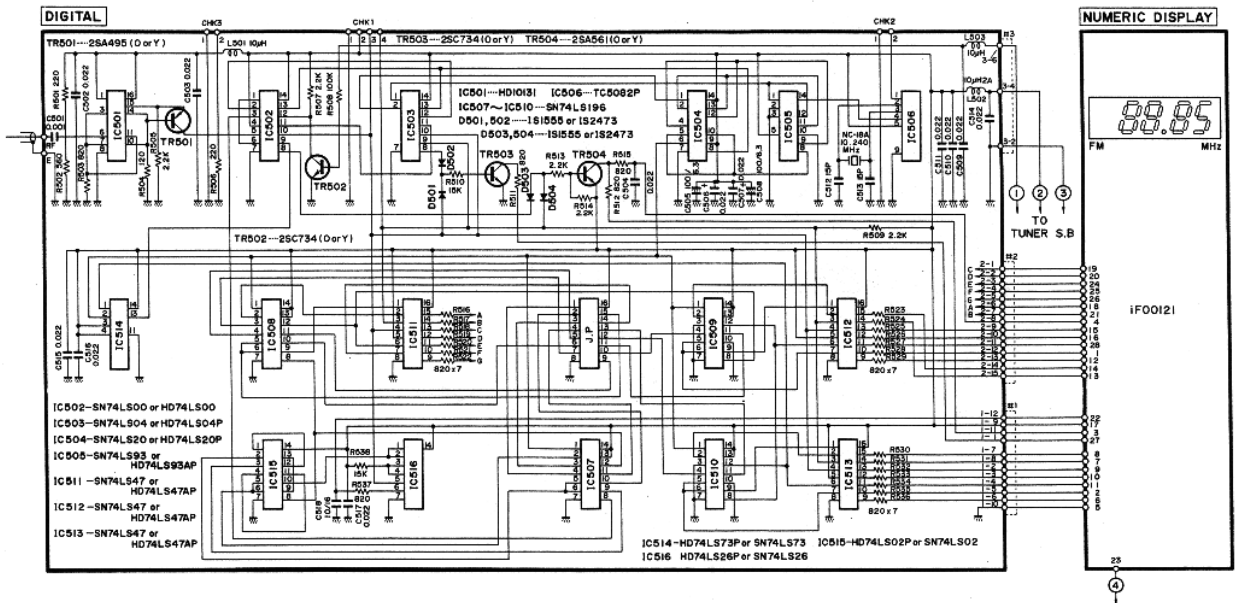
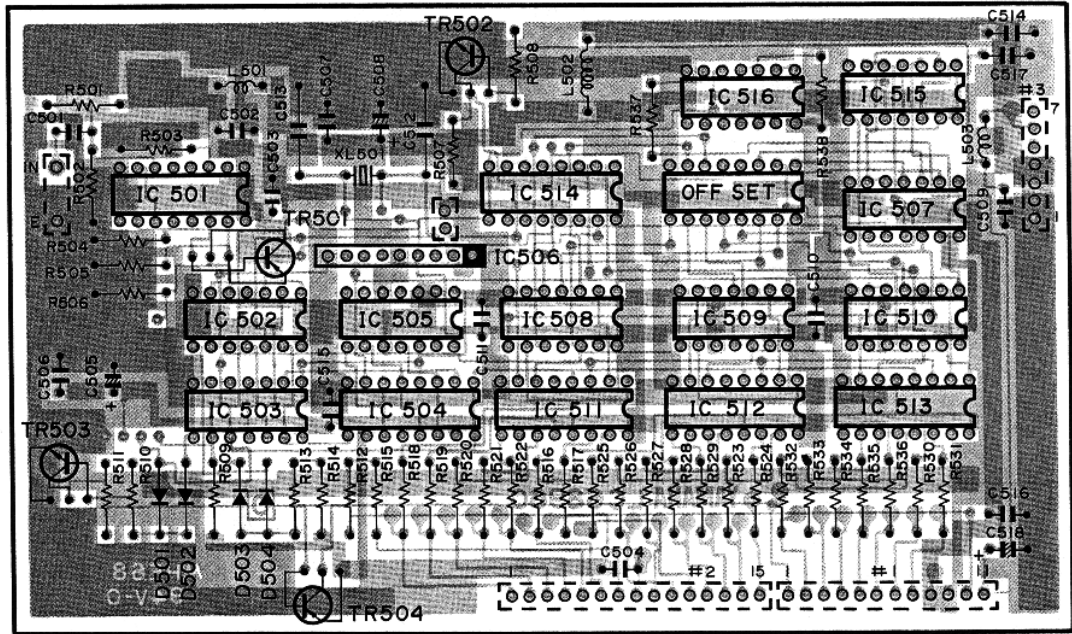
	10.80MHz	10.81MHz	10.82MHz	10.83MHz	10.84MHz
FRONT					
10.8MHz level					
REAR					

EUROPEAN, NORTH EUROPEAN & BRITISH MODELS

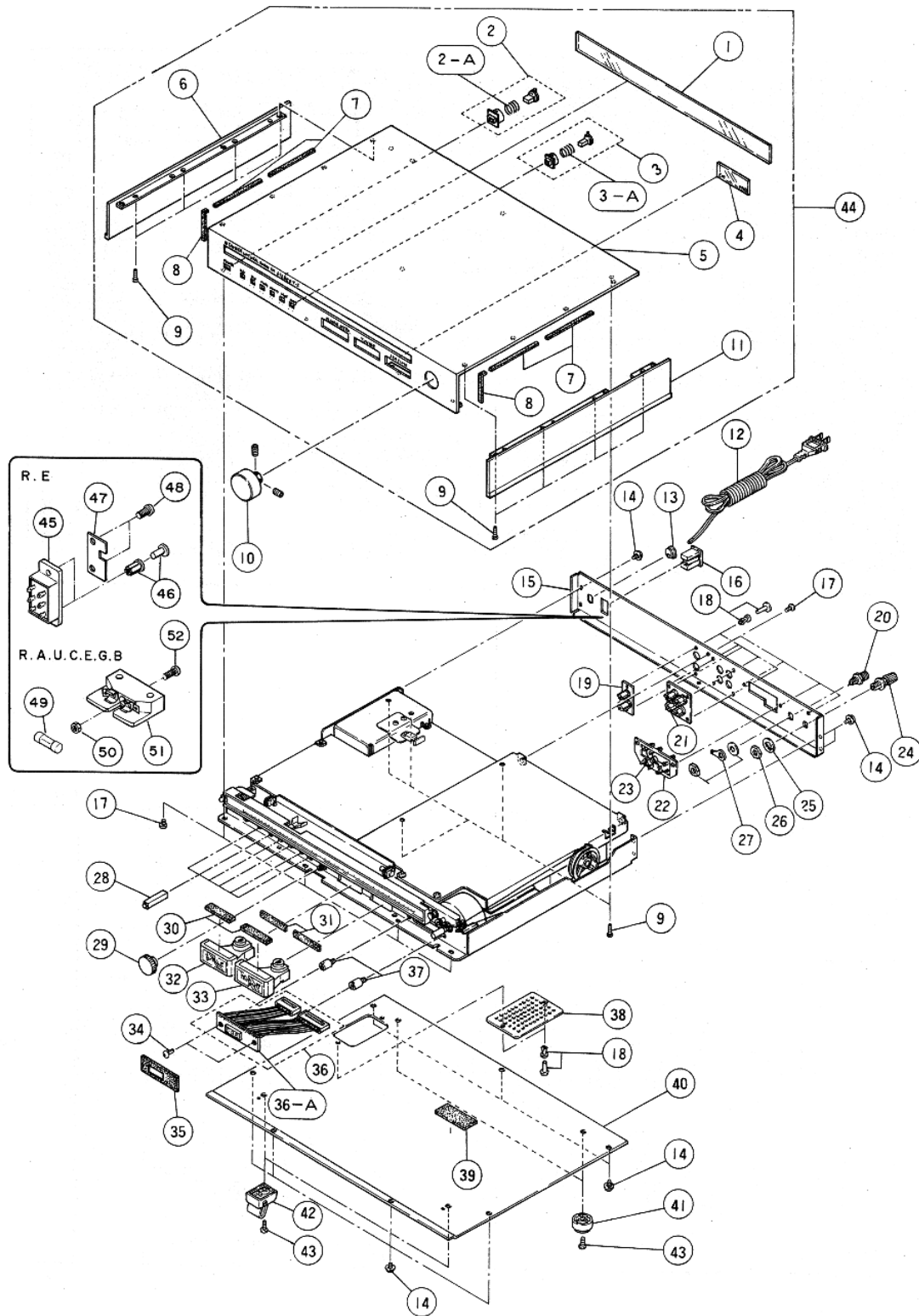
FRONT 10.5MHz level	10.53MHz	10.54MHz	10.55MHz	10.56MHz	10.57MHz	10.58MHz	10.59MHz
	REAR						
FRONT 10.6MHz level	10.60MHz	10.61MHz	10.62MHz	10.63MHz	10.64MHz	10.65MHz	10.66MHz
	REAR						
FRONT 10.7MHz level	10.70MHz	10.71MHz	10.72MHz	10.73MHz	10.74MHz	10.75MHz	10.76MHz
	REAR						
FRONT 10.8MHz level	10.80MHz	10.81MHz	10.82MHz	10.83MHz	10.84MHz	10.85MHz	10.86MHz
	REAR						
FRONT 10.9MHz level	10.90MHz	10.91MHz	10.92MHz	10.93MHz	10.94MHz	10.95MHz	10.96MHz
	REAR						
FRONT 10.7MHz level	10.77MHz	10.78MHz	10.79MHz	10.80MHz	10.81MHz	10.82MHz	10.83MHz
	REAR						
FRONT 10.7MHz level	10.77MHz	10.78MHz	10.79MHz	10.80MHz	10.81MHz	10.82MHz	10.83MHz
	REAR						

DIGITAL CIRCUIT BOARD

NA07138: EUROPEAN, NORTH EUROPEAN, BRITISH MODELS



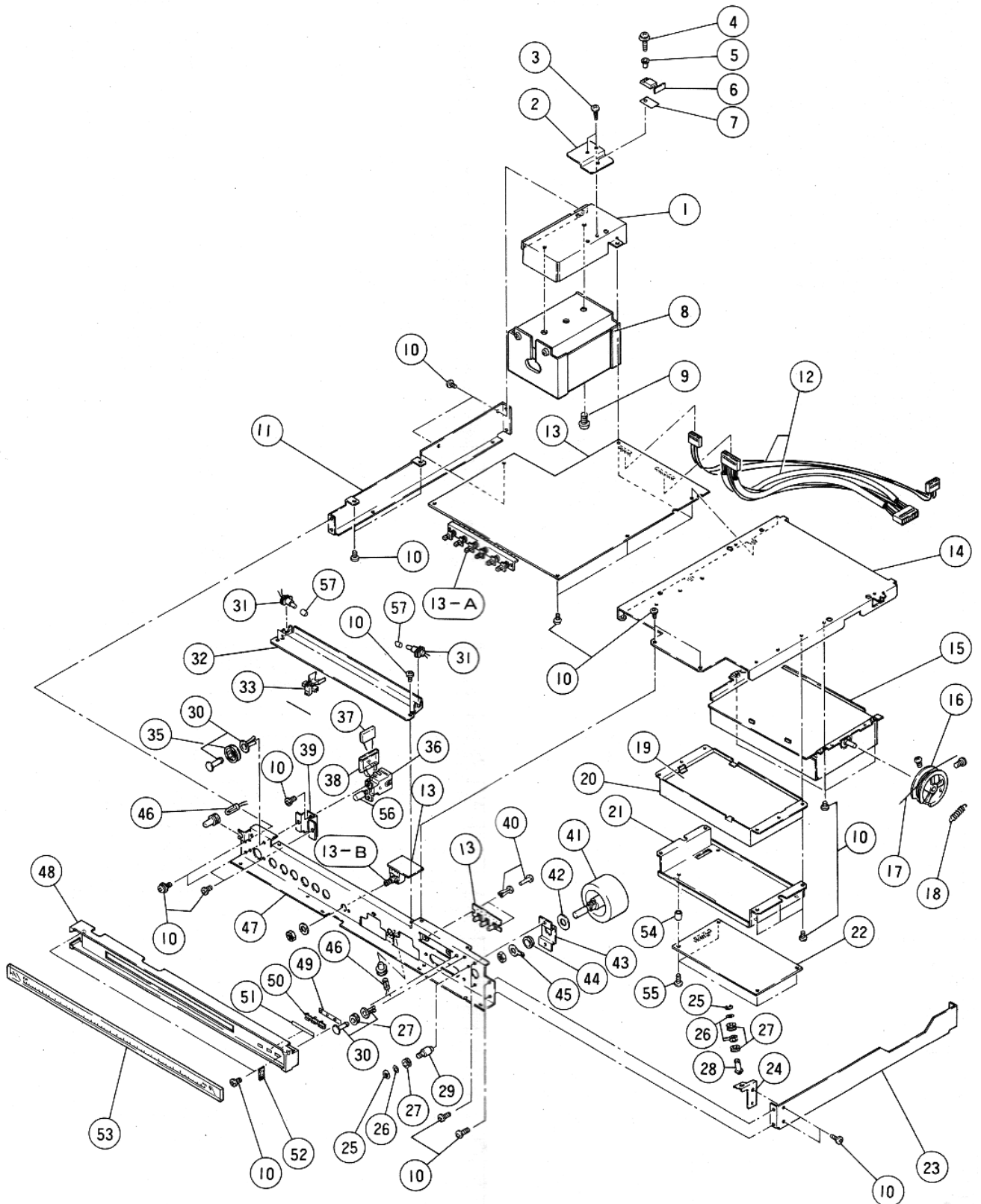
■ PARTS LIST



MODELS

R : General E : European
 U : US G : North European
 A : Australian B : British
 C : Canadian

Ref. No.	Part No.	Description (部 品 名)	Markets	Remarks
1	32 00 00 CG 06 07 10	Dial Panel		ダイヤルパネル
2	32 00 00 NB 08 46 40	Push Button Assembly (P)		プッシュボタンAss'y(P)
2-A	32 00 00 AA 09 08 30	Push Spring (P)		プッシュスプリング(P)
3	32 00 00 NB 08 46 50	Push Button Assembly (F)		プッシュボタンAss'y(F)
3-A	32 00 00 AA 09 08 40	Push Spring (F)		プッシュスプリング(F)
4	32 00 00 CB 08 50 90	Filter (DD)	R, U, A, C	フィルター (DD)
	32 00 00 CB 08 75 70	- do. -	E, G, B	"
5	32 00 00 BA 07 28 00	Panel		パネ ル
6	32 00 00 BA 07 30 50	Side Panel (L)		サイドパネル (L)
7	42 00 00 CB 08 55 20	Shade Tape		遮 光 テ ー プ
8	42 00 00 CB 08 51 60	- do. -		"
9	42 00 00 EN 03 00 80	Pan Head Tapping Screw M3 x 8S FCM-BI		ナベタップタイトネジ2種ミソ
10	32 00 00 BA 07 29 40	Knob, Tuning		チューニングつまミ
11	32 00 00 BA 07 28 10	Side Panel (R)		サイドパネル (R)
12	42 00 00 MG 00 08 40	AC Cord	R, U, C	電源コード (クロ)
	42 00 00 MG 00 02 90	- do. -	E, G	" (ハイ)
	42 00 00 MG 00 07 90	- do. -	A	" (クロ)
	42 00 00 MZ 07 28 90	- do. -	B	"
13	42 00 00 CB 06 86 30	Cord Stopper SR-3P-4	R, U, A, E, G, C	コードストッパー
	42 00 00 CB 07 27 50	- do. - SR-4N-4	B	"
14	42 00 00	Sems Screw M3 x 6S FCM3-BI		セムスナベ小ネジ (内歯形歯付座金)
15	32 00 00 AA 09 29 50	Rear panel	R	リヤパネル
	32 00 00 AA 09 29 60	- do. -	U, C	"
	32 00 00 AA 09 34 60	- do. -	A	"
	32 00 00 AA 09 34 70	- do. -	E	"
	32 00 00 AA 09 34 80	- do. -	G	"
	32 00 00 AA 09 34 90	- do. -	B	"
16	42 00 00 LB 20 07 10	AC Socket SI-6432	U, C	A C ソケットバネ式
17	42 00 00 ED 33 00 60	Bind Head Screw M3 x 6 FCM3-BI		鉄バインド小ネジ
18	32 00 00 CB 06 88 80	Plastic Rivet φ3.5		プラスチックリベット
19	42 00 00 LB 20 08 30	Pin-Jack (2P)		2 P ピンジャック
20	42 00 00 LB 20 01 60	Receptacle F Type F-61A	R, U, C	F 型レセプタクル
	42 00 00 LB 20 12 00	75Ω Coaxial Cable Socket (X-u5024)	A, E, G, B	75Ω同軸コネクタソケット
21	42 00 00 LB 40 02 50	Pin-Jack (4P)		4 P ピンジャック
22	42 00 00 LA 00 13 40	Antena Terminal (3P)		3 P アンテナ端子板
23	42 00 00 GE 30 00 70	Balun Transformer		バルウントランス
24	42 00 00 NB 08 26 40	Earth Terminal Assembly		アース端子 Ass'y
25	42 00 00 EV 40 08 00	Toothed Lock Washer 8S ZMC2-Y		歯 付 座 金
26	42 00 00 LA 00 16 80	Hexagonal Nut M8 BNM-3g		六 角 ナ ッ ト
27	42 00 00 LA 00 11 70	Earth Lug φ9.5		ア ー ス ラ グ
28	32 00 00 CB 08 48 30	Push Rod		プッシュロッド
29	32 00 00 CB 08 48 20	Knob, Level		レ ベ ル ツ マ ミ
30	32 00 00 CB 08 52 20	Meter Damper (B)		メーターダンパー(B)
31	32 00 00 CB 08 52 10	- do. - (A)		" (A)
32	42 00 00 Ji 00 08 50	Signal Meter		シグナルメーター
33	42 00 00 Ji 00 08 40	Tuning Meter		チューニングメーター
34	42 00 00 ED 32 60 50	Bind Head Screw M2.6 x 5 FCM3-BI		鉄バインド小ネジ
35	42 00 00 CB 08 51 50	Masking Tape (DD)	R, U, A, C	マスキングテープ (DD)
	42 00 00 CB 08 77 60	- do. -	E, G, B	"
36	32 00 00 MZ 07 23 70	Display Assembly	R, U, A, C	ディスプレイ コネクタ Ass'y
	32 00 00 MZ 07 37 30	- do. -	E, G, B	"
36-	42 00 00 iF 00 10 30	L, E, D Display LS-1463	R, U, A, C	L E D 表 示 器
	42 00 00 iF 00 12 10	- do. -	E, G, B	"



Ref. No.	Part No.	Description (部 品 名)	Markets	Remarks
* 1	32:00:00:AA:09:13:00	Transformer Holder		
* 2	32:00:00:BA:07:31:60	Radiator		
3	42:00:00:	Bind Head Tapping Screw M3 x 6 FCM3-BI		
4	42:00:00:EK:01:00:20	Sems Screw M2.6 x 8 ZMC2-Y		
5	32:00:00:CB:07:28:80	Insulator Bush		
6	42:00:00:ID:04:76:00	Transistor 2SD476 Tr239		
7	42:00:00:iL:00:02:70	Mica Base AC229		
8	42:00:00:GA:61:58:00	Power Transformer		
	42:00:00:GA:61:59:00	- do. -		
	42:00:00:GA:61:76:00	- do. -		
9	42:00:00:EA:40:06:70	Pan Head Screw M4 x 6 FCM3-BI		
	42:00:00:EC:30:06:70	- do. - M3 x 6 FCM3-BI		
10	42:00:00:ED:33:00:60	Bind Head Screw M3 x 6 FCM3-BI		
* 11	32:00:00:AA:09:12:60	Side Frame (LEFT)		
* 12	32:00:00:MZ:07:23:90	Connector Assembly		
* 13	32:00:00:NA:07:09:90	Tuner C. Board		
	32:00:00:NA:07:10:80	- do. -		
	32:00:00:NA:07:17:50	- do. -		
* 13-A	42:00:00:KA:80:07:00	Push Switch 6 Key H=18, P=17.5 SW201		
13-B	42:00:00:HS:41:06:70	Variable Resistor 10kΩB x 2 (L=15, H=12.5)		
14	32:00:00:AA:09:12:80	Main Chassis		
15	42:00:00:PA:00:04:10	RF Pack FS711U12		
16	32:00:00:CB:07:92:60	Pulley Variable Cap		
17	32:00:00:CB:07:70:70	Dial String φ0.39 x 1.8 m		
18	32:00:00:AA:08:98:60	Dial Spring		
* 19	32:00:00:NA:07:06:40	Digital C. Board		
	32:00:00:NA:07:13:80	- do. -		
* 20	32:00:00:BB:06:70:30	Shield Case A		
* 21	42:00:00:BB:06:70:40	- do. - B		
* 22	32:00:00:NA:07:06:10	Post Amp C. Board		
	32:00:00:NA:07:06:20	- do. -		
* 23	32:00:00:AA:09:12:50	Side Frame (RIGHT)		
* 24	32:00:00:AA:09:13:70	Pulley Metal Fittings		
25	42:00:00:EV:50:12:00	E Ring φ2 ETWJ-2		
26	32:00:00:CB:06:86:50	Washer φ3.1-φ6-t0.2		
27	32:00:00:CB:08:29:40	Pulley		
28	32:00:00:BB:06:70:80	Shaft (A)		
29	32:00:00:BB:06:70:90	- do. - (B)		
30	32:00:00:CB:07:78:90	Pulley-Crip		
* 31	42:00:00:JB:00:06:30	Pilot Lamp (Lens) 14.5 V 80 mA		
* 32	32:00:00:AA:09:14:10	Rail, Dial Pointer		
* 33	32:00:00:CB:08:49:70	Dial Pointer		
35	32:00:00:CB:07:58:40	Pulley		
36	42:00:00:KA:80:05:00	Push Switch SDG 1P, 125V, 5A		
	42:00:00:KA:80:05:10	- do. -		
37	42:00:00:FZ:00:01:10	Spark Suppressor Capacitor 125V/0.033 + 120Ω		
	42:00:00:FZ:00:05:40	- do. - DC500V/AC350V 0.033+120Ω		
	42:00:00:FZ:00:11:20	- do. - 125V/0.033+120Ω		
	42:00:00:FZ:00:01:90	- do. - 0.022, 250V		
	42:00:00:FZ:00:14:40	- do. - 0.01, 250V		
38	42:00:00:CB:07:21:90	Capacitor Cover 820826		
	42:00:00:CB:08:19:40	- do. - SB0632E-A		
* 39	32:00:00:AA:09:13:60	PS Metal Fittings		
40	32:00:00:CB:06:88:80	Plastic Rivet		

Ref. No.	Part No.	Description (部 品 名)	Markets	Remarks	
* 41	32:00:00:NB 08:45:80	Tuning Assembly		チューニングユニット	
42	42:00:00:CA 06:51:50	Insuletor		絶縁ファイバー	
* 43	32:00:00:AA 09:13:80	Tuning Metal Fittings		チューニング金具	
44	32:00:00:CB 07:78:80	Insuleter Bush		絶縁ブッシュ	
* 45	42:00:00:LA 00:11:70	Earth Lug $\phi 9.5$		アースラグ	
46	42:00:00:JB 00:05:50	Pilot Lamp 14.5V, 80mA		パイロットランプ 細コードリード式	
* 47	32:00:00:AA 09:12:90	Sub Chassis		サブシャーシ	
* 48	32:00:00:CB 08:48:40	Scale Holder		スケールホルダー	
* 49	42:00:00:CB 08:53:10	Filter for Diffusing 0.19t		拡散用フィルター	
* 50	32:00:00:CB 08:51:00	Filter (L.E.D.)		フィルター(L.E.D)	
51	42:00:00:CB 07:41:90	Double Stick Tape 5 x 35		両面粘着テープ	
* 52	42:00:00:CB 08:52:40	Scale Damper		スケールダンパー	
* 53	32:00:00:CB 08:68:20	Dial Scale		ダイヤルスケール	
54	42:00:00:BB 06:70:50	Spacer		スペーサー	
55	42:00:00:ED 33:01:00	Bind Head Screw M3 x 10 FCM3-BI		鉄バインド小ネジ	
* 56	42:00:00:CB 08:51:30	Knob, Power Switch SDG		スイッチツマミ	
* 57	42:00:00:CB 08:53:50	Lamp Ring		ランプリング	
13	32:00:00:NA 07:10:80	Tuner C. Board		チューナーシート	R, A
	32:00:00:NA 07:09:90	- do. -		"	U, C
	32:00:00:NA 07:17:50	- do. -		"	E, G, B
C244	42:00:00:FA 15:41:00	Mylar Cap. 0.01/50V MS(J)		マイラーコン	
* C252	42:00:00:FE 15:28:20	Polystyrene Cap. 820P(J)		スチコンヨコ	
C247	42:00:00:FE 15:41:00	- do. - 10,000P(J)		"	
* C223 225	42:00:00:FS 23:44:70	SB Cap. 0.047/50V(K)		S B L コン	
* C218	42:00:00:FS 21:41:20	- do. - 0.012/50V(K)		"	
* C263	42:00:00:FS 25:26:80	SA Cap. 680P/50V (J)		S A コン	
C245	42:00:00:FG 21:05:00	Ceramic Cap 5P/50V SL(K)		セラコン	
C260 217	42:00:00:FG 21:12:20	- do. - 22P/50V SL(K)		"	
C246	42:00:00:FG 21:16:70	Ceramic Cap. 68P/50V SL(K)		"	
* C248	42:00:00:FZ 00:13:00	Film Cap. 0.01/50V AWS(J)		フィルムコンデンサー	
C214 215	42:00:00:Fi 17:14:70	Ceramic Cap. 47P		セラコン円筒型	
C216	42:00:00:Fi 17:14:70	- do. - 47P		"	
C241 243	42:00:00:Fi 17:21:00	- do. - 100P		"	
C249 235	42:00:00:Fi 17:21:00	- do. - 100P		"	
C240 251	42:00:00:Fi 17:31:00	- do. - 1000P		"	
C242	42:00:00:Fi 17:32:20	- do. - 2200P		"	
C201 ~210	42:00:00:Fi 17:41:00	- do. - 0.01		"	
C212 213	42:00:00:Fi 17:41:00	- do. - 0.01		"	
C228 234	42:00:00:Fi 17:41:00	- do. - 0.01		"	
C229 238	42:00:00:Fi 17:41:00	- do. - 0.01		"	
C258 221	42:00:00:Fi 17:41:00	- do. - 0.01		"	
C288 289	42:00:00:FC 10:61:00	MM Cap 1/100		M M コン	
C256	42:00:00:FJ 11:73:30	Electrolytic Cap. 33/6.3		ケミコンタテ	
C227	42:00:00:FJ 11:81:00	- do. - 100/6.3		"	
C261 264	42:00:00:FJ 11:82:20	- do. - 220/6.3		"	
C291	42:00:00:FJ 11:82:20	- do. - 220/6.3		"	
C265 266	42:00:00:FJ 12:91:00	- do. - 1000/10		"	
C267	42:00:00:FJ 11:84:70	- do. - 470/6.3		"	
C254 224	42:00:00:FJ 13:71:00	- do. - 10/16		"	
C286 262	42:00:00:FJ 13:71:00	- do. - 10/16		"	
C225 226	42:00:00:FJ 13:73:30	- do. - 33/16		"	
C290	42:00:00:FJ 13:73:30	- do. - 33/16		"	

Ref. No.	Part No.	Description (部品名)	Markets	Remarks
C250 269	42:00:00:FJ 13:81:00	- do. - 100/16		ケミコンタテ
C281	42:00:00:FJ 13:82:20	- do. - 220/16		"
C220 233	42:00:00:FJ 14:61:00	- do. - 1/25		"
C257 268	42:00:00:FJ 14:61:00	- do. - 1/25		"
C283 287	42:00:00:FJ 14:61:00	- do. - 1/25		"
C236 231	42:00:00:FJ 14:63:30	- do. - 3.3/25		"
C282	42:00:00:FJ 14:71:00	- do. - 10/25		"
C271 274	42:00:00:FJ 14:81:00	- do. - 100/25		"
C270 272	42:00:00:FJ 14:84:70	- do. - 470/25		"
C273 276	42:00:00:FJ 14:84:70	- do. - 470/25		"
C277	42:00:00:FJ 14:84:70	- do. - 470/25		"
C279 280	42:00:00:FJ 15:81:00	- do. - 100/35		"
C219 239	42:00:00:FJ 26:52:20	- do. - 0.22/50		"
C253 259	42:00:00:FJ 26:52:20	- do. - 0.22/50		"
C232	42:00:00:FJ 16:54:70	- do. - 0.47/50		"
C275 278	42:00:00:FJ 16:74:70	- do. - 47/50		"
C284	42:00:00:FJ 13:84:70	- do. - 470/16		"
C237	42:00:00:FM 22:61:00	- do. - 1/25 (B.P)		B.Pコンタテ
C230	42:00:00:FM 22:62:20	- do. - 2.2/25 (B.P)		"
T201	42:00:00:GE 10:02:00	Discriminator Coil (FM)		FMディスクリコイル
T202 203	42:00:00:GE 20:00:70	MPX Coil		M P X コイル
L202	42:00:00:GE 30:01:30	RF Inductor 10 μ H		R F インダクター
L203 ~204	42:00:00:GE 30:01:50	- do. - 8.2mH		"
L206	42:00:00:GE 30:01:30	- do. - 10 μ H		"
L205	42:00:00:GE 20:01:70	MPX Fixed Coil 22mH		M P X 固定コイル
CF 201	42:00:00:GG 00:03:50	Ceramic Filter Block Type		セラミックブロック フィルタユニット
CF 204	42:00:00:GG 00:03:50	- do. -		"
VR 206	42:00:00:HS 41:06:70	Variable Resistor 10KB x 2		ポリアニリン (センタータリック付)
VR 201	42:00:00:HT 37:00:10	Semi-Fixed Variable Resistor B1K		半固定 V R V 8 K
VR 201	42:00:00:HT 17:00:10	- do. - B1K		" V 8 K 4 - 1
VR 206	42:00:00:HT 37:00:30	- do. - B100K		" V 8 K
VR 206	42:00:00:HT 37:00:30	- do. - B100K		"
VR 205	42:00:00:HT 17:00:30	- do. - B100K		" V 8 K 4 - 1
VR 206	42:00:00:HT 17:00:30	- do. - B100K		"
VR 203	42:00:00:HT 37:00:60	- do. - B2K		" V 8 K
	42:00:00:HT 17:00:60	- do. - B2K HT370060		" V 8 K 4 - 1
VR 202	42:00:00:HT 37:00:40	- do. - B500		" V 8 K
VR 202	42:00:00:HT 17:00:40	- do. - B500		" V 8 K 4 - 1
VR 204	42:00:00:HT 17:00:50	- do. - B5K		"
VR 204	42:00:00:HT 37:00:50	- do. - B5K		" V 8 K
* TR 210	42:00:00:IC 07:52:30	Transistor 2SC752 O.Y		トランジスタ
TR 211	42:00:00:IC 07:52:30	- do. - 2SC752 O.Y.		"
TR 207				
TR 208				
TR 214				
TR 217 223	42:00:00:IA 08:44:00	- do. - 2SA844		"
TR 243 226	42:00:00:IA 07:33:00	- do. - 2SA733 R.P.Q.K		"
TR 227 235 237				
TR 244	42:00:00:IB 05:44:00	- do. - 2SB544		"
TR 245	42:00:00:IB 05:44:00	- do. - 2SB544		"
TR 201	42:00:00:IC 19:18:00	- do. - 2SC1918, E.F.G.		"
TR 206	42:00:00:IC 19:18:00	- do. - 2SC1918, E.		"
TR 209 213	42:00:00:IC 19:18:00	- do. -		"

Ref. No.	Part No.	Description (部品名)	Markets	Remarks
TR 212	42:00:00:IC 19:18:00	Transistor 2SC1918 E.F.G	トランジスタ	
215	42:00:00:IC 19:18:00	- do. -	"	
216	42:00:00:IC 19:18:00	- do. -	"	
218	42:00:00:IC 19:18:00	- do. -	"	
224	42:00:00:IC 19:18:00	Transistor - do. -	"	
225	42:00:00:IC 19:18:00	- do. -	"	
229	42:00:00:IC 19:18:00	- do. -	"	
230	42:00:00:IC 19:18:00	- do. -	"	
231	42:00:00:IC 19:18:00	- do. -	"	
234	42:00:00:IC 19:18:00	- do. -	"	
242	42:00:00:IC 19:18:00	- do. -	"	
236	42:00:00:IC 19:18:00	- do. -	"	
TR 239	42:00:00:ID 04:76:10	- do. - 2SD476 A,B,C,D	"	
241	42:00:00:ID 04:76:10	- do. - 2SD476A,B,C,D	"	
TR 232	42:00:00:IE 00:00:10	FET 2SK30A, Y	F E T	
TR 233	42:00:00:IE 00:00:10	- do. - 2SK30A, Y	"	
TR 238	42:00:00:IE 00:00:20	- do. - 2SK30A, GR	"	
D201	42:00:00:IF 00:00:40	Diode 1S1555	ダイオード	
206	42:00:00:IF 00:00:40	- do. -	"	
209	42:00:00:IF 00:00:40	- do. -	"	
215	42:00:00:IF 00:00:40	Diode - do. -	ダイオード	
227	42:00:00:IF 00:00:40	- do. -	"	
231	42:00:00:IF 00:00:40	- do. -	"	
207	42:00:00:IF 00:00:40	- do. -	"	
208	42:00:00:IF 00:00:40	- do. -	"	
D201	42:00:00:IF 00:06:70	- do. - 1S2473	"	
206	42:00:00:IF 00:06:70	- do. -	"	
210	42:00:00:IF 00:06:70	- do. -	"	
209	42:00:00:IF 00:06:70	- do. -	"	
212	42:00:00:IF 00:06:70	- do. -	"	
215	42:00:00:IF 00:06:70	- do. -	"	
226	42:00:00:IF 00:06:70	- do. -	"	
227	42:00:00:IF 00:06:70	- do. -	"	
229	42:00:00:IF 06:06:70	- do. -	"	
231	42:00:00:IF 06:06:70	- do. -	"	
207	42:00:00:IF 00:06:70	- do. -	"	
208	42:00:00:IF 00:06:70	- do. -	"	
D225	42:00:00:IF 00:05:50	Zener Diode HZ12C	ツェナーダイオード	
D204	42:00:00:IF 00:10:50	LED SLP133B	L E D	
205	42:00:00:IF 00:10:50	- do. - SLP133B	"	
D213	42:00:00:IF 00:10:50	- do. - SLP133B	"	
D211	42:00:00:IF 00:10:70	Zener Diode HZ6B	ツェナーダイオード	
216	42:00:00:IF 00:10:70	- do. - HZ6B	"	
D228	42:00:00:IF 00:10:70	- do. - HZ6B	"	
IC202	42:00:00:IG 00:03:90	IC μ PC577H	I C	
203	42:00:00:IG 00:04:00	- do. - TA7060P	"	
IC201	42:00:00:IG 00:04:00	- do. - TA7060P	"	
IC205	42:00:00:IG 00:12:20	- do. - TA7136P	"	
IC204	42:00:00:IG 00:24:10	- do. - LA3350-3A	"	
D221	42:00:00:iH 00:04:40	Diode 1S1885	ダイオード	
224	42:00:00:iH 00:04:40	- do. - 1S1885	"	
D217	42:00:00:iH 00:04:40	- do. - 1S1885	"	
218	42:00:00:iH 00:04:40	- do. - 1S1885	"	
D232	42:00:00:iH 00:04:40	- do. - 1S1885	"	
D221	42:00:00:iH 00:05:90	- do. - 10E1	"	
224	42:00:00:iH 00:05:90	- do. - 10E1	"	
D217	42:00:00:iH 00:05:90	- do. - 10E1	"	
218	42:00:00:iH 00:05:90	- do. - 10E1	"	
D232	42:00:00:iH 00:05:90	- do. - 10E1	"	
D214	42:00:00:iH 00:04:70	- do. - 1D4B1	"	
219	42:00:00:iH 00:04:70	- do. - 1D4B1	"	
D220	42:00:00:iH 00:04:70	- do. - 1D4B1	"	
FR 201	42:00:00:HW 19:41:00	Fuse Resistor 150mA 10 Ω (M)	ヒューズ抵抗	
	42:00:00:LA 00:25:60	Wire Lapping Terminal P=7.5	I型ラッピング端子板2P	
	42:00:00:LA 00:00:70	- do. - P=7.5	" 3P	
	42:00:00:LB 60:10:00	Miniature Connector Pin 3022-7A	ミニチュアコネクタコンピン	
	42:00:00:LB 60:10:10	- do. - 3022-11A	"	
22	32:00:00:NA 07:06:10	Post Amp C. Board	ポストアンプシート	A, E, G, B
	32:00:00:NA 07:06:20	- do. -	"	R, U, C
C407	42:00:00:FA 15:31:00	Mylar Cap. 0.001/50V, MS(J)	マイラーコン	
408	42:00:00:FA 15:31:00	- do. -	"	
C417	42:00:00:FA 15:31:50	- do. - 0.0015/50V, MS(J)	"	A, E, G, B
418	42:00:00:FA 15:31:50	- do. -	"	

Ref. No.	Part No.	Description (部品名)	Markets	Remarks
R417 418	42:00:00:FA 15:33:30	Mylar Cap 0.0033/50V MS(J)	マイラーコン	R, U, C
C409 410	42:00:00:FA 15:38:20	- do. - 0.0082/50V, MS(J)	"	A, E, G, B
R409 410	42:00:00:FA 15:41:00	- do. - 0.01/50V, MS(J)	"	R, U, C
C425 426	42:00:00:FA 11:48:20	- do. - 0.082/50V, MS(K)	"	
C429 430	42:00:00:FA 11:48:20	- do. - 0.082/50V, MS(K)	"	
C433	42:00:00:FA 11:34:70	- do. - 0.0047/50V, MS(K)	"	
C403 404	42:00:00:FG 21:11:50	Ceramic Cap. 15P 50VSL (K)	セラコン	
C421 422	42:00:00:FG 21:15:60	- do. - 56P 50VSL (K)	"	
C419 420	42:00:00:FG 21:16:80	- do. - 68P50VSL (K)	"	
* C401 402	42:00:00:Fi 17:14:70	- do. - 47P	セラコン円筒型	
* C427 428	42:00:00:FM 09:63:30	By-poller Electrolytic Cap 3.3/16	バイポーラケミコンタテ型	
* C431 432	42:00:00:FM 09:63:30	- do. - 3.3/16	"	
* C411 ~411	42:00:00:FS 25:21:80	SA Cap. 180P, 50V	S A コ ン	
C405 406	42:00:00:FS 25:21:80	- do. - 180P, 50V (J)	"	A, E, G, B
C405 406	42:00:00:FA 15:31:50	Myler Cap. 0.0015, 50V (J)	マイラーコン	R, U, C
C415 416	42:00:00:FS 25:24:70	SA Cap. 470P, 50V (J)	S A コ ン	R, U, C
C415 416	42:00:00:FS 25:26:80	- do. - 680P, 50V (J)	"	A, E, G, B
C423 424	42:00:00:FS 25:26:80	- do. - 680P, 50V (J)	"	A, E, G, B
C423 424	42:00:00:FS 15:31:00	Myler Cap. 0.001, 50V (J)	マイラーコン	R, U, C
* L401 402	42:00:00:GE 20:01:70	MPX Coil 22mH	M P X 固 定 コ イ ル	
L403 404	42:00:00:GE 20:01:80	- do. - 47mH	"	
L405 406	42:00:00:GE 20:01:80	- do. - 47mH	"	
L407 408	42:00:00:GE 20:01:80	- do. - 47mH	"	
VR 401	42:00:00:HT 37:00:10	Semi-Fixed Variable Resistor B1K	半固定VR V 8 K	
VR 401	42:00:00:HT 17:00:10	- do. - B1K	" V 8 K 4 - 1	
VR 402	42:00:00:HT 37:00:60	- do. - B2K	"	
VR 402	42:00:00:HT 17:00:60	- do. - B2K	"	
TR 401	42:00:00:iA 08:44:00	Transistor 2SA844	トランジスタ	
TR 404	42:00:00:iA 08:44:00	- do. - 2SA844	"	
TR 411	42:00:00:iD 06:55:00	- do. - 2SD655	"	
TR 412	42:00:00:iD 06:55:00	- do. - 2SD655	"	
TR 405	42:00:00:iC 19:17:00	- do. - 2SC1917, E.F.G	"	
TR 410	42:00:00:iC 19:17:00	- do. - 2SC1917, E.F.G	"	
TR 413	42:00:00:iE 10:05:00	FET 2SK68A	F E T	
TR 414	42:00:00:iE 10:05:00	- do. - 2SK68A	"	
	42:00:00:LB 60:11:50	Miniature Connector Pin 3094-11A	ミニチュア コネクタコンピンL型	
19	32:00:00:NA 07:06:40	Digital C.Board	デジタルシート	R, U, A, C
	32:00:00:NA 07:13:80	- do. -	"	E, G, B
* C512 513	42:00:00:FE 11:11:50	Polystyrene Cap. 15/50V	スチコンヨコ	
C501	42:00:00:FG 11:31:00	Ceramic Cap. 0.001/50V, YB (K)	セラコン	
C502 506	42:00:00:FG 14:42:20	- do. - 0.022/50V, YZ(Z)	"	
C507	42:00:00:FG 14:42:20	- do. - 0.022/50V, YZ(Z)	"	
C509 ~511	42:00:00:FG 14:42:20	- do. - 0.022/50V, YZ(Z)	"	
C503 514	42:00:00:FG 14:42:20	- do. - 0.022/50V, YZ(Z)	"	
C504	42:00:00:FG 14:42:20	- do. - 0.022, 50V, YZ(Z)	"	
C515 516	42:00:00:FG 14:42:20	- do. - 0.022, 50V, YZ(Z)	"	E, G, B
C517	42:00:00:FG 14:42:20	Ceramic Cap. 0.22/50V, YZ(Z)	セラコン	E, G, B
C505 508	42:00:00:FJ 11:18:10	Electrolytic Cap. 100/6.3	ケミコンタテ	
C518	42:00:00:FJ 13:71:00	- do. - 10/16V	"	E, G, B.
L501 503	42:00:00:GE 30:01:30	RF Inductor 10μH	R F イ ン ダ ク タ ー	
L502	42:00:00:GE 30:02:30	- do. - 10S10W20, 10μH, 2A	"	
* TR 501	42:00:00:iA 04:95:00	Transistor 2SA495, O.Y.	トランジスタ	

