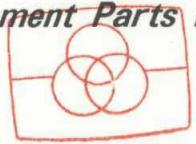


- Sec. 1** *Operating Instructions*
- Sec. 2** *Disassembly Procedures*
- Sec. 3** *Maintenance*
- Sec. 4** *Electrical Adjustment*
- Sec. 5** *Block Diagrams*
- Sec. 6** *Schematic Diagram & Circuit Board Diagrams*
- Sec. 7** *Exploded Views & Replacement Parts List*



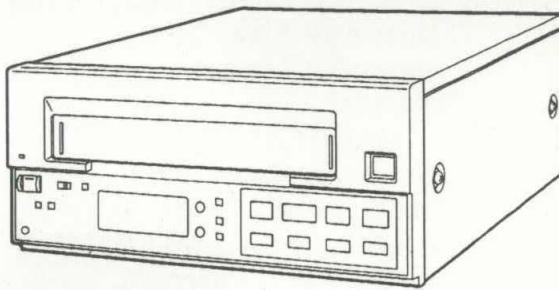
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Video Cassette Recorder
Panasonic **VHS** **Hi-Fi**
PAL

AG-5260 -E -B

K-MECHANISM



Please use this manual together with the service manual for K-MECHANISM,
Order No. VSD9402M632.

SPECIFICATIONS

ITEM	SPECIFICATIONS	ITEM	SPECIFICATIONS
Power	Source: 220 V ~ 240 V AC 50 ~ 60 Hz Consumption: Approx. 19. Watts	Television System	CCIR Standard (625 lines, 50 fields) PAL Colour Signal
Video	Head: 2 rotary heads, helical scanning azimuth recording Luminance: FM recording Colour signal: Converted subcarrier phase shift recording Input Level: VIDEO IN (BNC) 1.0 Vp-p ,75 Ω Output Level: VIDEO OUT (BNC) 1.0 Vp-p ,75 Ω Signal-to-noise Ratio: 45 dB (colour SP mode) Horizontal Resolution: 240 lines (colour)	Tape Speed	SP: 23.39 mm / s LP: 11.695 mm / s Playback Time: 180 min. with NV-E180 used in SP mode FF / REW Time: Approx. 3 min. with NV-E180
		Tape Format	Tape width 1 / 2 " (12.7 mm) high density VHS tape
		Operating Condition	Temperature: 5 °C ~ 40 °C Humidity: 35 % ~ 80 %
Audio	Head: Normal Audio / Control: 1 stationary head Hi-Fi Audio: 2 rotary heads Erase: 1 full track erase 1 Audio track erase Track: 2 tracks (Hi-Fi), 1 track (Normal) Input Level: LINE IN (PHONO × 2) - 8 dBv, 47 kΩ unbalanced Output Level: LINE OUT (PHONO × 2) - 8 dBv, 1 kΩ unbalanced Frequency Response: Normal: 50 Hz ~ 10 kHz (SP mode) Hi-Fi: 20 Hz ~ 20 kHz (SP mode) Signal-to-Noise Ratio: Normal Audio: 43 dB (SP mode)	Dimension	270 mm (W) × 344.5 mm (D) × 120 mm (H)
		Weight	5.1 kg
		Optional Accessories	Wired remote controller: AG-A11

Weight and dimensions shown are approximate.
Specifications are subject to change without notice.

Panasonic

INTRODUCTION

This Service manual contains the technical information which service personnel to understand and service the Panasonic VHS Video Cassette Recorder model AG-5260.
Please use this service manual together with the Service Manual for mechanical adjustments and maintenance procedures of K-Mechanism (Order No. VSD9402M632).

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SAFETY PRECAUTIONS

GENERAL GUIDELINES

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
 2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
 3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

LEAKAGE CURRENT COLD CHECK

- 1.** Unplug the AC cord and connect a jumper between the two prongs on the plug.

2. Measure the resistance value, with an ohm meter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads connectors, control shafts,etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1M ohm and 5.2 M ohm.

When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

LEAKAGE CURRENT HOT CHECK

(See Figure 1)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
 2. Connect a 1.5k ohm, 10 watts resistor, in parallel with a 0.15uF capacitor, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
 3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
 4. Check each exposed metallic part, and measure the voltage at each point.
 5. Reverse the AC plug in the AC outlet repeat each of the above measurements.
 6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

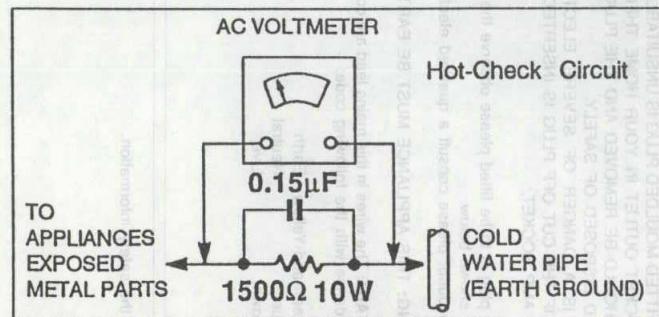


Figure 1

ELECTROSTATICALLY SENSITIVE (ES) DEVICES

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor chip components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground.
Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
 2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
 3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
 4. Use only an anti-static solder removal device classified as anti-static can generate electrical charges sufficient to damage ES devices.
 5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
 6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive material).
 7. Immediately before removing the protective material from the leads of replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.
CAUTION : Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
 8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ES device).

IMPORTANT
 "Unauthorized recording of copyrighted television programmes, films, video tapes and other materials may infringe the right of copyright owners and be contrary to copyright laws."

- **THIS APPARATUS MUST BE EARTHED.**
 To ensure safe operation the three-pin lead supplied must be connected only into a standard three-pin power point which is effectively earthed through the normal household wiring.
 Extension cords used with the equipment must be three-core and be correctly wired to provide connection to earth. Wrongly wired extension cords are a major cause of fatalities.
 The fact that the equipment operates satisfactorily does not imply that the power point is earthed and that the installation is completely safe. For your safety, if in any doubt about the effective earthing of the power point, consult a qualified electrician.

WARNING:

TO REDUCE THE RISK OF FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS EQUIPMENT TO RAIN OR MOISTURE.

Caution for AC Mains Lead

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

FOR U.K. ONLY

This appliance is supplied with a moulded three pin mains plug for your safety and convenience.

A 13 amp fuse is fitted in this plug.

Should the fuse need to be replaced please ensure that the replacement fuse has a rating of 13 amps and that it is approved by ASTA or BSI to BS1362. Check for the ASTA  mark or the BSI mark  on the body of the fuse.

If the plug contains a removable fuse cover you must ensure that it is refitted when the fuse is replaced. If you lose the fuse cover the plug must not be used until a replacement cover is obtained.

A replacement fuse cover can be purchased from your local Panasonic Dealer.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET IN YOUR HOME THEN THE FUSE SHOULD BE REMOVED AND THE PLUG CUT OFF AND DISPOSED OF SAFELY.
 THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO ANY 13 AMP SOCKET.

If a new plug is to be fitted please observe the wiring code as shown below.
 If in any doubt please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

Green-and-Yellow: Earth
Blue: Neutral
Brown: Live

is the safety information.

Thank you for purchasing the Panasonic

Features

AG-52260

Video Cassette Recorder.

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Specifications	Back cover

Recording and playback up to 3 or 6 hours

- Using a 1/2 inch VHS cassette tape, you can record and playback in both the SP (3-hour) and LP (6-hour) mode.

Hi-Fi Audio

Compact and light weight

Repeat playback

- Repeat playback can be performed from tape beginning to its end or from tape beginning to interruption of the video signal.

Search playback

- Locating any desired scene or position on the tape is made easy and fast by watching the tape being played back at about 11 times (SP mode) or 15 times (LP mode) normal speed in forward or reverse direction.

Cassette tape insertion/ejection in power OFF mode

- Cassette tape insertion and ejection can be performed even when the power has been turned OFF.

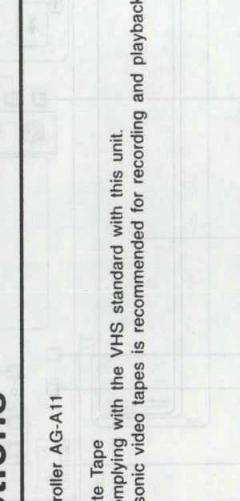
Auto power ON

- Power is turned ON automatically when the cassette tape is inserted in the unit or the power cord is connected to the AC outlet.

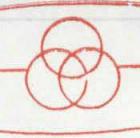
Clear picture in still and slow-motion modes

- Playback in the S-VHS mode
- With this unit, it is available to playback S-VHS cassette tape (SP mode only).

Inspections



1. Remote Controller AG-A11
2. Video Cassette Tape
3. External Timer (option)
4. Serial Remote Controller (option)

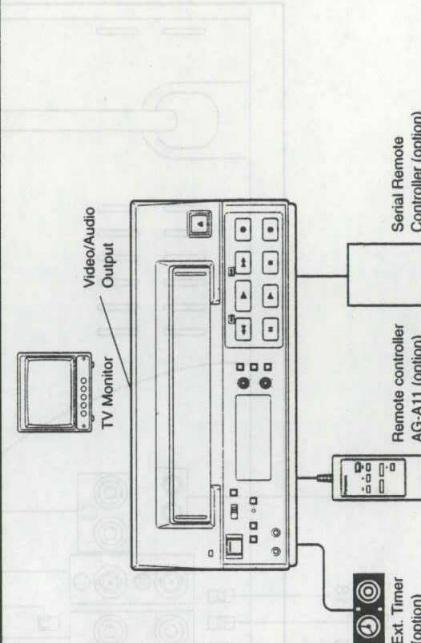


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System Configurations



Video/Audio Output

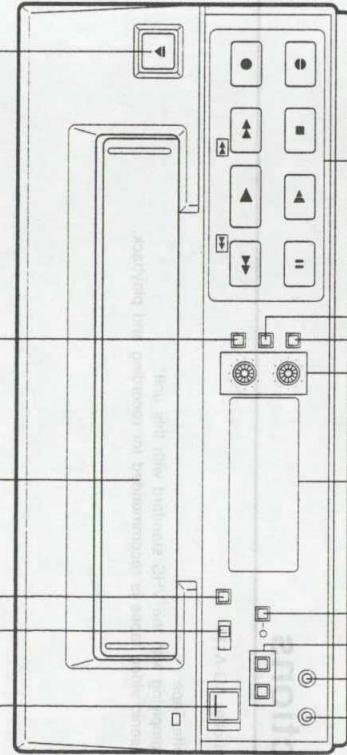
TV Monitor

External Timer (option)

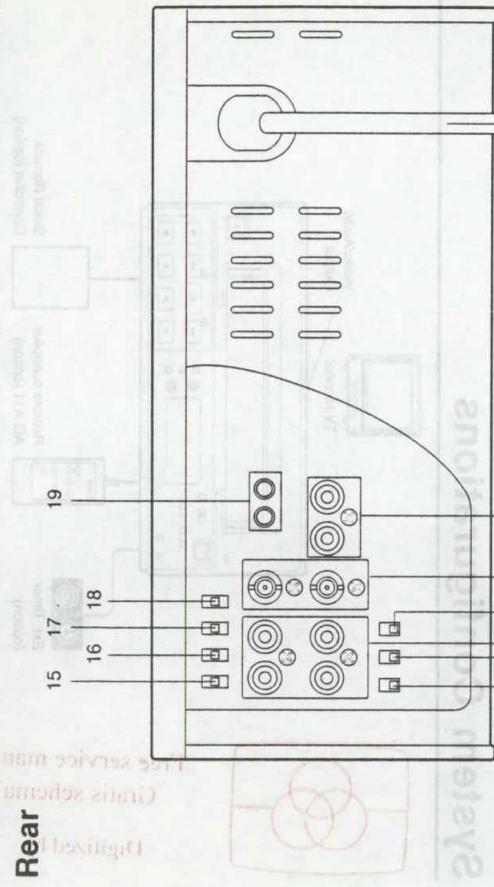
Serial Remote Controller (option)

Controls

Front



Rear



No.	Name	Page	No.	Name	Page
1	VTR Switch	—	9	Tracking Buttons	10, 11
2	Timer Programme/Mode Lock Switch	10, 16 to 18	10	INT TIMER Switch	18
3	Audio Out Select Button	10, 11	11	Counter/Audio Level Meters	9, 11
4	Cassette Holder	—	12	Hi-Fi Audio Level Controls	9
5	Reset Button	11	13	Tape Speed Button	9
6	Eject Button	—	14	COUNTER MODE Button	11, 14
7	Remote Control Jack (Mini-Jack)	20	15	Operation Buttons REW, PLAY, FF, REC, PAUSE/STILL, SLOW, STOP, AUDIO DUB	9 – 18
8	Microphone Jack	9, 15	16	Serial/Series Playback Switch	13, 19
9	—	—	17	V-Lock Controls	20
10	—	—	18	—	24
11	—	—	19	—	25
12	—	—	20	—	—
13	—	—	21	AGC Switch	10, 11, 19
14	—	—	22	Audio CH1/CH2 IN/OUT Connectors (PHONO)	9 to 12 14, 15, 17 to 20
15	—	—	23	TV System CCIR/PAL Switch**	10 to 13 16, 19
16	—	—	24	Video IN/OUT Connectors (BNC)	8, 9, 13, 14
17	—	—	25	Remote IN/OUT Connectors (PHONO)	19
18	—	—	26	Power Cord	—

* When this switch is set to ON, the recording level is automatically adjusted.
** This switch offers CCIR/PAL operations.
CCIR: Recording and playback of CCIR system.
PAL: Recording and playback of PAL colour signal.

* The original remote control can be used to operate the VCR.
** The original remote control can be used to operate the VCR.

Playback

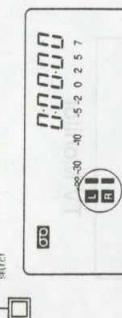
Preparation

- Select the TV System CCIR/PAL Switch to the desired position.
- Set the following switches to "OFF".
 - TAPE IN Switch
 - Timer Programme/Mode Lock Switch
 - Auto Rewind Switch
 - Timer Switch
- Insert a recorded tape.

PLAY Button

- Press the PLAY Button during normal playback. The picture can be viewed at a lower speed. Each time the SLOW Button is pressed, the unit will run at one of the slow motion speeds shown below. To return to normal playback, press the PLAY Button.

Normal speed → 1/30 → 1/20 → 1/15 → 1/10 → 1/6



Normal Playback

- Press the PLAY Button during normal playback. The picture can be viewed at a lower speed. Each time the SLOW Button is pressed, the unit will run at one of the slow motion speeds shown below. To return to normal playback, press the PLAY Button.

Double-speed Playback

- Press the PLAY Button during normal playback. The back picture can be viewed at about twice normal playback speed. To return to normal playback, press the PLAY Button.
- No sound is heard during double-speed playback.

Automatic Playback/Rewind

Slow Motion Playback

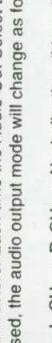
- Press the SLOW Button during playback. The playback picture can be viewed at a lower speed. Each time the SLOW Button is pressed, the unit will run at one of the slow motion speeds shown below. To return to normal playback, press the PLAY Button.

Normal

speed

→ 1/30 → 1/20 → 1/15 → 1/10 → 1/6

- Set the Audio Out Select Button to the desired position. This is to select the audio signal through Audio CH1/CH2 OUT Connectors. Each time the Audio Out Select Button is pressed, the audio output mode will change as follows:



Tape Speed

- There is no need to set the tape speed since setting is automatically made to the speed which the tape was recorded.
- Noise may appear when playing back tapes recorded in LP mode.

Normal Playback

- Press the PLAY Button. "►" indication will appear on the Counter and playback will start.
- Press the Tracking Buttons simultaneously if the image is partially obscured by bands of noise to move the noise out of the picture. If the noise persists, use the "-" or "+" Button for adjustment.



Double-speed Playback

- Press the PLAY Button during normal playback. The play-back picture can be viewed at about twice normal playback speed. To return to normal playback, press the PLAY Button.
- No sound is heard during double-speed playback.

- Set the Auto Rewind Switch and the Timer Switch to OFF.

TAPE IN Switch

- Set the TAPE IN Switch to "PLAY" or "REW".

COUNTER MODE Button

- When the COUNTER MODE Button is pressed, "M" indication will appear.

Memory Stop

- When the FF or REW Button is held down while the unit is in the playback, slow motion playback or still, the tape will be played back in the forward or reverse direction at about 11 times normal speed in SP mode, and at about 15 times normal speed in LP mode.

Still Playback

- Press the PAUSE/STILL Button during normal playback or slow motion playback. Still playback will only return to normal playback mode by pressing the PAUSE/STILL Button once again.
- If noise appears during still playback, set for slow motion mode and adjust with the Tracking Control Buttons to minimize the bands of noise as shown below, then press the PAUSE/STILL Button.



- If still playback continues for more than 5 minutes, the unit will go into stop mode automatically.
- A distortion may occur on the picture during still mode, but this is not a malfunction.
- No sound is heard during still playback.
- Colour programme is played back in black and white and playback image may be dark during still mode, but this is not a malfunction.

- Pressing the Reset Button clears the counter indication to "00000".

Hour Meter

- When the Tracking Buttons are pressed simultaneously in stop mode, the total number of hours that the VTR has been used (the cylinder has turned) is indicated on the Counter.

- Set the Auto Rewind Switch and the Timer Switch to OFF.

TAPE IN Switch

- Set the TAPE IN Switch to "PLAY" or "REW".

COUNTER MODE Button

- When the COUNTER MODE Button is pressed, "M" indication will appear.

Memory Stop

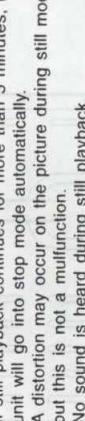
- When the COUNTER MODE Button is pressed and the "M" display lights on the Counter, the tape can be stopped near counter digit "00000" during FF or REW modes.

Audio Output

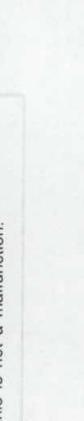
- Each time the power is turned ON, Hi-Fi mode is automatically selected for audio output (L and R indications both appear on the Counter). Use the Audio Out Select Button to select for the desired audio output.



- Press until "M" will appear.



- When the power is turned ON, Hi-Fi mode is automatically selected for audio output (L and R indications both appear on the Counter). Use the Audio Out Select Button to select for the desired audio output.



- When the power is turned ON, Hi-Fi mode is automatically selected for audio output (L and R indications both appear on the Counter). Use the Audio Out Select Button to select for the desired audio output.



Repeat Playback

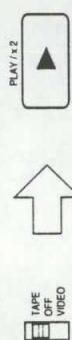
Series Playback

- Set the Timer Switch to "PLAY".
- Set the SERIAL/SERIES Playback Switch to "SERIAL".

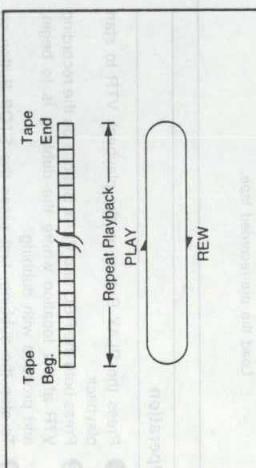
Repeat playback between tape beg. and tape end

If it is desired to playback the tape repeatedly from tape beginning to tape end, proceed as follows:

- Set the Auto Rewind Switch to "TAPE".
- Press the PLAY Button.



Rear panel
Press PLAY Button



Notes:

- If short repeat playback is continued many times, the repeat section of tape may be damaged.
- Do not perform a memory operation during auto repeat playback. The tape will stop when "0000" is indicated on the counter.

The following Panasonic tapes are recommended for Repeat Playback use.

- NV-E180
- NV-E120
- NV-E90
- NV-E60
- NV-E30

The following Panasonic tapes are recommended for Repeat Playback use.

- Use of Panasonic video tapes is recommended for series playback.
- Do not use the Remote Input/Output Connectors for any purpose except for serial remote control since a breakdown or failure may otherwise occur.



AC Power Cord (not included)

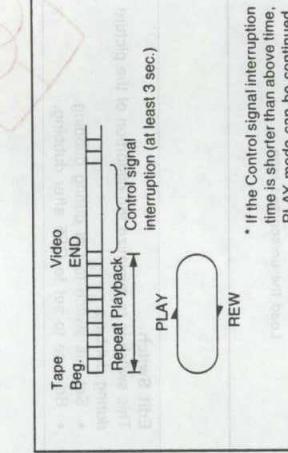
Caution: To use (while playing), the connection must be made in the following manner. When connecting the power source, the power plug must be connected to the AC outlet before connecting the VTR to the AC power source.

Connect two VTRs as shown below. When one of the VTR finishes playback, the other VTR starts playback. Setting the VTRs to auto rewind mode (selection of tape end or video signal end), repeat playback between one another is available.

- Set the Auto Rewind Switch to "TAPE", when performing repeat playback between tape beginning and tape end.
- Set the Auto Rewind Switch to "VIDEO", when performing repeat playback between tape beginning and end of video signal.
- If remote cable is not connected to the remote output connector of the VTR for subsequent playback, series playback will be performed only once.



Rear panel
Press PLAY Button



Notes:

- If the Control signal interruption time is shorter than above time, PLAY mode can be continued.

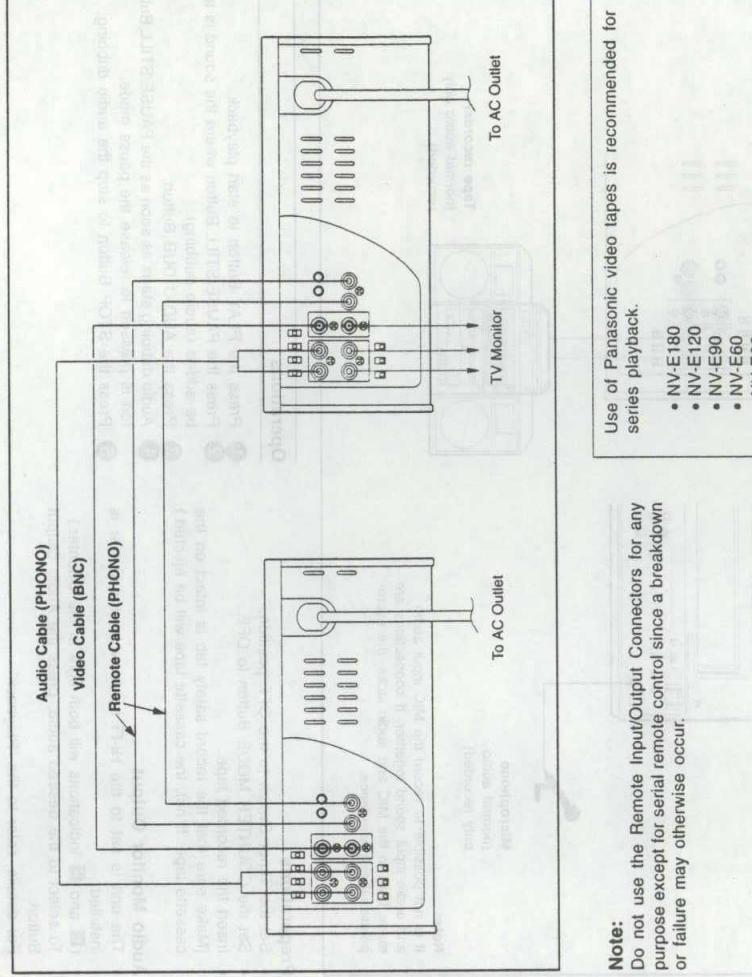
Note:

- Do not use the Remote Input/Output Connectors for any purpose except for serial remote control since a breakdown or failure may otherwise occur.

Operations

- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

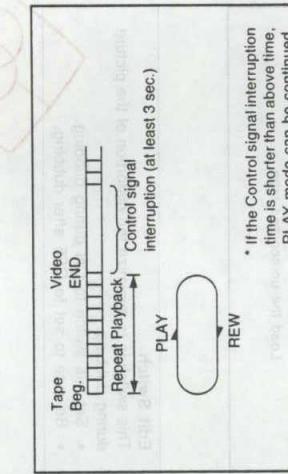


Connect two VTRs as shown below. When one of the VTR finishes playback, the other VTR starts playback. Setting the VTRs to auto rewind mode (selection of tape end or video signal end), repeat playback between one another is available.

- Set the Auto Rewind Switch to "TAPE", when performing repeat playback between tape beginning and tape end.
- Set the Auto Rewind Switch to "VIDEO".
- Press the PLAY Button.



Rear panel
Press PLAY Button



Notes:

- If the Control signal interruption time is shorter than above time, PLAY mode can be continued.

Note:

- Do not use the Remote Input/Output Connectors for any purpose except for serial remote control since a breakdown or failure may otherwise occur.

Operations

- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

Operations

- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

Operations

- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

Operations

- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

Operations

- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

Operations

- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

Operations

- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

Operations

- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

Operations

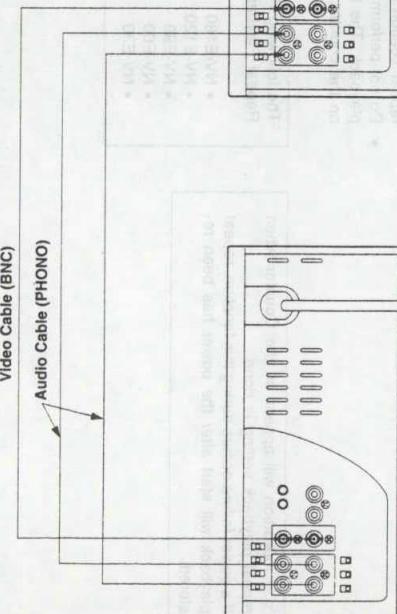
- Set the SERIAL/SERIES Playback Switch to "SERIAL" PB.
- Insert the recorded tape.
- Search for the desired playback beginning point for each VTR.
- Press the PLAY Button of the VTR which is desired to be played back first.

Playback starts the same as repeat playback. For details, refer to the "Repeat Playback".

Dubbing

Audio Dubbing

- Refer to the figure below for the connections which apply when using two VTRs for dubbing.



AG-5260 for playback
• Edit Switch: ON
• COUNTER MODE BU

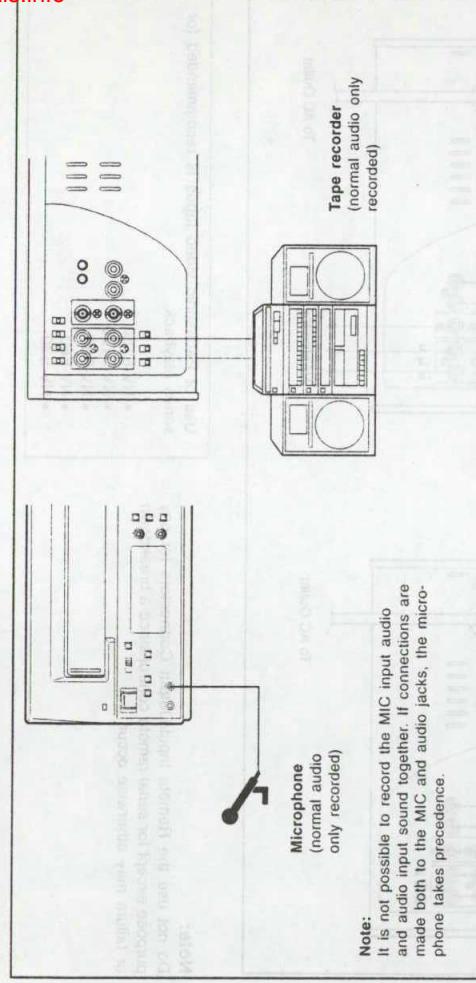
Innovation

- 1 Press the PLAY Button on the playback VTR to start playback.
 - 2 Press both the REC and PLAY Buttons on the recording VTR at the location where the dubbing is to begin, and proceed with dubbing.
 - 3 To stop the dubbing, first press the STOP Button on the recording VTR and then press the STOP Button

With 6-hour recording for dubbing purposes, use the unit



- "Audio Dubbing" is a function which records the sound after the on the normal audio track (and not on the Hi-Fi audio tracks).



Note: It is not possible to record the MIC input audio and audio input sound together. If connections are made both to the MIC and audio jacks, the microphone will record silence.

Preparations

- Set the timer switch to the OFF position.
 - Press the COUNTER MODE Button to OFF.
 - Insert the recorded tape.
 - (Make sure that the record safety tab is intact.)
 - If not, the cassette tape will be ejected.

Audio Monitor Output

 - The unit is set to the Hi-Fi mode when the speaker is installed.
 - and indications will both light in the display.
 - To select to the desired audio, press the AUDIO Button.

Operations

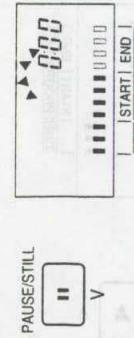
- 1 Press the PLAY Button to start playback.
 - 2 Press the PAUSE/STILL Button where the sound is to be added (audio dubbing).
 - 3 Press the AUDIO DUB Button.
 - 4 Audio dubbing starts as soon as the PAUSE/STILL Button is pressed to release the pause mode.
 - 5 Press the STOP Button to stop the audio dubbing

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15

Serial Remote Control

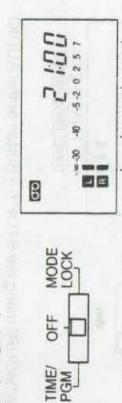
6 Press the PAUSE/STILL (■) Button to select the timer end time.



7 Repeat step 3 to 6 and set the "HOUR" and "MINUTE" of the timer end time.



8 Set the Timer Programme/Mode Lock Switch to "MODE LOCK" or "OFF".



9 Press the INT TIMER Switch. The INT TIMER Lamp lights.



10 The power will be automatically ON from 21:15 to 22:45 and the unit will either start timer recording or playback according to the setting of the Timer Switch.

- Notes:**
- If the Timer Switch is set to "OFF", the unit will be powered ON when the starting time comes.

- When auto repeat playback is desired with timer playback, set the Timer Switch to "PLAY" and the Auto Rewind Switch to "TAPE" or "VIDEO". For details, refer to the "Repeat Playback".

- When performing timer recording, make sure that the record safety tab on the cassette tape is intact. If the record safety tab is not intact, the cassette tape will be ejected automatically.
- The cassette tape cannot be ejected when the INT TIMER Lamp is lighted.

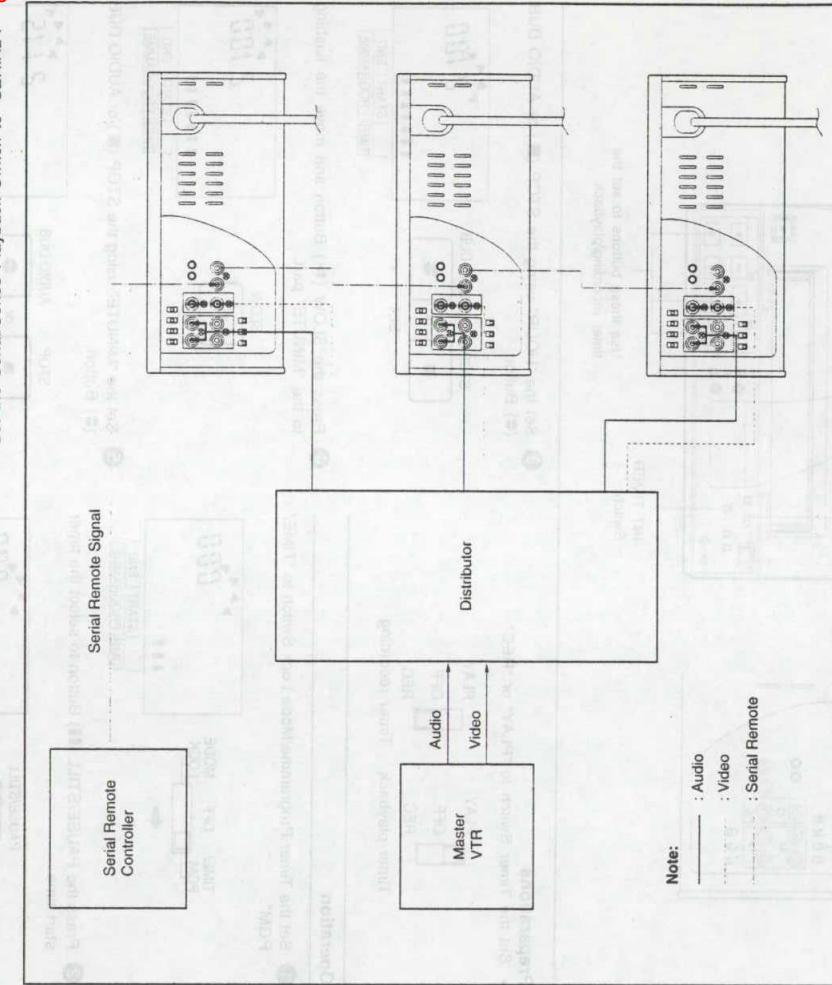
- When the timer starting time and the timer end time are set to the same, timer recording or playback will commence all day long.

- As the tape cannot be rewound automatically, timer recording cannot be performed when the unit reaches to the tape end.

The use of the optional serial remote controller makes it possible to conduct recording, playback and other operations from a distance, as shown in the figure. For details, consult with your authorized service personnel.

Preparations

- Set the TAPE IN Switch to "SERIAL".
- Set the Timer Switch to "OFF".
- Set the Serial/Series Playback Switch to "SERIAL".



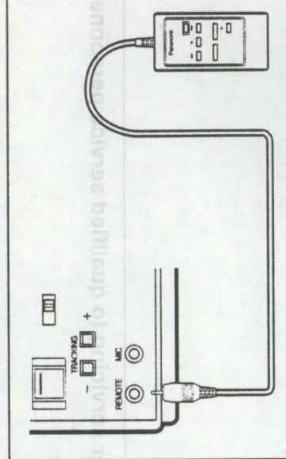
Note:

- Do not use the Remote Input/Output Connectors for any purpose except for serial remote control since a breakdown or failure may otherwise occur.

Remote Controller

Cautions for Use

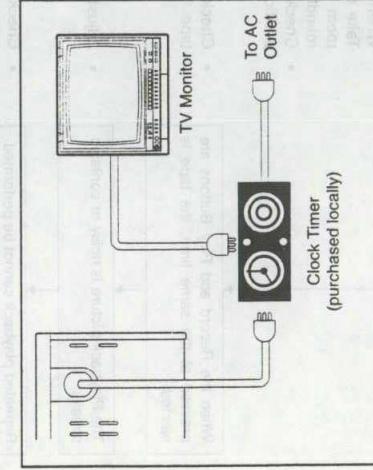
When the optional remote controller AG-A11 is connected to the Remote Control Jack on the front panel of this unit, the unit can be controlled from a distance instead of using the operation buttons on the unit.



External Timer Recording/Playback

The use of an external timer permits timer recording/playback with this unit.

- Connect the timer with this unit and the TV Monitor as follows:



Notes:

- Whenever possible it is best to set the timer OFF position so that the unit is turned OFF about 10 minutes after the tape ends. This will help protect the tape. If, for example, NV-E180 tape is used, the turn-off time should be set for about 190 minute.
- Press the STOP Button to stop the timer recording/playback.

Note:

- We do not recommend that you attempt to clean the video heads yourself.
- Repeated head cleaning will shorten the service life of the video heads.
- Nothing can be recorded on the head cleaning tape.
- If you use cleaning fluid, wipe the cleaned heads with a dry cloth before using the unit.

Preparation

1. Turn this unit and the TV Monitor ON.

2. Insert the cassette tape.

3. Set the timer to the desired ON and OFF time. (Refer to the operating instructions for the timer.)

4. Set the Timer Switch to "REC" or "PLAY".

5. At the preset ON time, the power will be automatically turned ON, the tape will start moving, and the picture will appear on the monitor.

6. At the preset OFF time, the unit will be turned off, but the tape will remain loaded on the cylinder of the unit.

(When the power is resumed, the tape will be unloaded and then the unit will go into the recording/playback mode.)

External Timer Recording/Playback

1. Turn this unit and the TV Monitor ON.

2. Insert the cassette tape.

3. Set the timer to the desired ON and OFF time.

4. Set the Timer Switch to "REC" or "PLAY".

5. At the preset ON time, the power will be automatically turned ON, the tape will start moving, and the picture will appear on the monitor.

6. At the preset OFF time, the unit will be turned off, but the tape will remain loaded on the cylinder of the unit.

(When the power is resumed, the tape will be unloaded and then the unit will go into the recording/playback mode.)

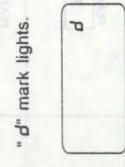
Dew Indication

When dew is detected, the safety device of this unit will operate in order to protect the cassette tape and video heads.

In case of dew detection, the "d" mark in the counter lights.

Wait until the "d" mark goes out with VTR switch turned ON.

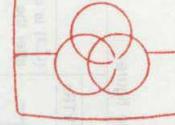
"d" mark lights.



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Troubleshooting

...Check the following points once again.

Trouble

Corrections

- Check that the power cord is connected to the AC Outlet.

- Check that the Timer Switch is OFF.

No power

When the power is turned ON, the unit starts the recording/playback automatically.

No operation starts when operation buttons are pressed.

- Check that the VTR Switch is ON.
- Check that the cassette tape is inserted.
- Check the "d" mark.
- When the "d" mark lights:
Take out the video cassette and leave the unit on and let it remain at room temperature until "d" mark disappears. Depending on the surrounding conditions, this may take several hours.
- Check that the Time Programme/Mode Lock Switch is set to the "OFF" position.

When the Record and Play Buttons are pressed at the same time, the tape is ejected.

- Adjust by the Tracking Control Buttons.

The Playback picture is noisy or contains streaks.

- Check that the Timer Switch is set to the "OFF" position.
- Check that the Auto Rewind Switch is set to the "OFF" position.
- Check that the Serial/Series Playback Switch is at the "SERIAL" position.

Repeated playback cannot be performed.

- Check that the Tape IN Switch is at the "OFF" position.

When the tape is inserted, unit starts playback automatically.

- Check that the Series Playback Switch is at the "SERIES PB" position.

Series playback cannot be performed.

- Check that the Tape IN Switch is at the "OFF" position.

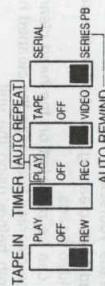
Refer servicing to qualified service personnel.

Use additional lubrication on the head assembly contacts during normal use.
Do not cause excessive pressure on the head assembly contacts.
After the assembly has been cleaned, apply a thin film of Vaseline to the head assembly contacts.

Table of Rear Panel Switch Operations

The table below lists the switch settings which apply when the rear panel switches are to be operated. Set the switches to the positions that correspond with the intended operation.

The following figure shows the rear panel switch area.



When using the unit in the modes listed below, set the switches as shown in the figure.

Operation	Switch position	Remarks
1 Timer series playback (2 or more VTRs connected)	TAPE IN: TIMER (AUTO REPEAT) PLAY: OFF REC: OFF VIDEO: SERIES PB	(\curvearrowleft) is displayed for 10 seconds after the timer has been set ON.
2 Timer playback (1 VTR connected)	TAPE IN: TIMER (AUTO REPEAT) PLAY: OFF REC: OFF VIDEO: SERIES PB	(\curvearrowleft) is displayed for 10 seconds after the timer has been set ON.
Without auto rewind	TAPE IN: TIMER (AUTO REPEAT) PLAY: OFF REC: OFF VIDEO: SERIES PB	(\curvearrowleft) is displayed for 10 seconds with series playback and all the time with serial playback after the timer has been set ON.
3 Timer auto repeat playback (1 VTR connected)	TAPE IN: TIMER (AUTO REPEAT) PLAY: OFF REC: OFF VIDEO: SERIES PB	(\curvearrowleft) is displayed all the time after the timer has been set ON.
4 Manual series playback (2 or more VTRs connected)	TAPE IN: TIMER (AUTO REPEAT) PLAY: OFF REC: OFF VIDEO: SERIES PB	(\curvearrowleft) is displayed for 10 seconds with series playback and all the time with serial playback after the timer has been set ON.
5 Manual playback (1 VTR connected)	TAPE IN: TIMER (AUTO REPEAT) PLAY: OFF REC: OFF VIDEO: SERIES PB	(\curvearrowleft) is displayed all the time after the timer has been set ON.
6 Manual auto repeat playback (1 VTR connected)	TAPE IN: TIMER (AUTO REPEAT) PLAY: OFF REC: OFF VIDEO: SERIES PB	(\curvearrowleft) is displayed all the time.

- The position of the cassette IN switch has no bearing on any of the above operations.
- Set the auto repeat switch to the "tape" or "video" position unless "without auto rewind" applies.
- To initiate operations from ④ manual series playback to ⑥ manual auto repeat playback, press the play button upon completion of the settings.

1-2. SERVICE INFORMATION

1-2-1. Emergency Cassette Removal

If the electrical circuit is defective and the action of unloading and front unloading do not work properly, it is possible to removing cassette manually.

There are 2 methods of removing the cassette.

A. Hand Operation

Remove the Bottom Plate.

Turn the worm gear to arrow mark direction by finger as shown in Fig.S1 until the loading post move to unloading position.

Turn the capstan rotor clockwise to take up the tape.

Turn the worm gear again to eject the cassette.

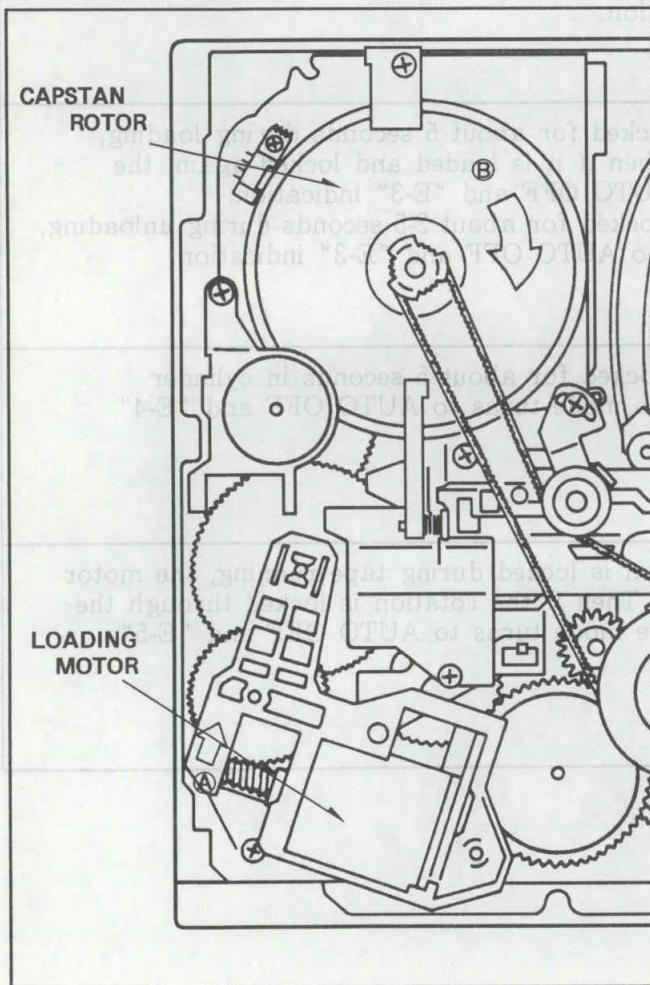


Fig. S1

B. Battery Operation

1. Remove the Bottom Plate.
2. Connect the battery (Manganese-Type (AA) 3pcs./+4.5V) to P1503 as shown in Fig.S2.
3. After moving the loading post to the unloaded position, disconnect the battery to stop the loading motor.
4. Turn the capstan rotor clockwise to take up the tape.
5. Reconnect the battery to eject the cassette.

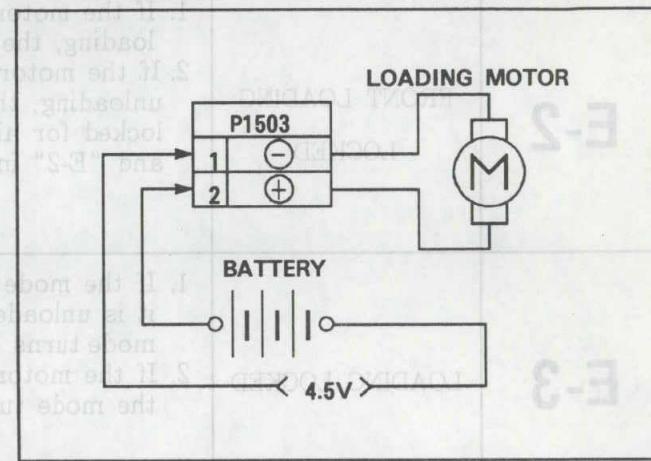


Fig. S2

1-2-2. Hour Meter Reset

1. Turn off by the power key.
2. Connect jumper wire between TP6104 and GND on the Main C.B.A.
3. Turn on unit by the power key whiles press the tracking "+" and "-" buttons simultaneously.
4. Flushing the all LCD display. (approx.4sec)
5. Hour meter reset when stop the LCD flushing.

1-2-3. Auto Off Operation & Error Code

ERROR CODE	CONTENS	CAUSE CONDITION
d	CONDENSATION (DEW)	<ol style="list-style-type: none"> If it is in POWER OFF mode, the mode turns to POWER ON and "d" indication. If a tape is inserted, the mode turns to middle EJECT position and the cylinder rotates. Dew condensation continues for about 120 minutes. After canceling condensation, if a tape is inserted, the mode turns to STOP.
E-2	FRONT LOADING LOCKED	<ol style="list-style-type: none"> If the motor is locked for about 2-5 seconds during front loading, the motor is unloaded. If the motor is locked for about 2-5 seconds during front unloading, the motor is unloaded after loading. Then if it is locked for about 2-5 seconds, the mode turns to AUTO OFF and "E-2" indication.
E-3	LOADING LOCKED	<ol style="list-style-type: none"> If the mode is locked for about 5 seconds during loading, it is unloaded. Then if it is loaded and locked again, the mode turns to AUTO OFF and "E-3" indication. If the motor is locked for about 2-5 seconds during unloading, the mode turns to AUTO OFF and "E-3" indication.
E-4	CYLINDER LOCKED	<ol style="list-style-type: none"> If the motor is locked for about 5 seconds in cylinder rotating mode, the mode turns to AUTO OFF and "E-4" indication.
E-5	REEL LOCKED	<ol style="list-style-type: none"> If the reel rotation is locked during tape running, the motor is unloaded once. Then if the rotation is locked through the trying to load, the mode turns to AUTO OFF and "E-5" indication.

DISASSEMBLY PROCEDURE

2-1. DISASSEMBLY FLOW CHART

This flow chart indicates disassembly steps of the cabinet parts and the circuit boards in order to find the necessary items for servicing. When reassembling, perform the steps in the reverse order.

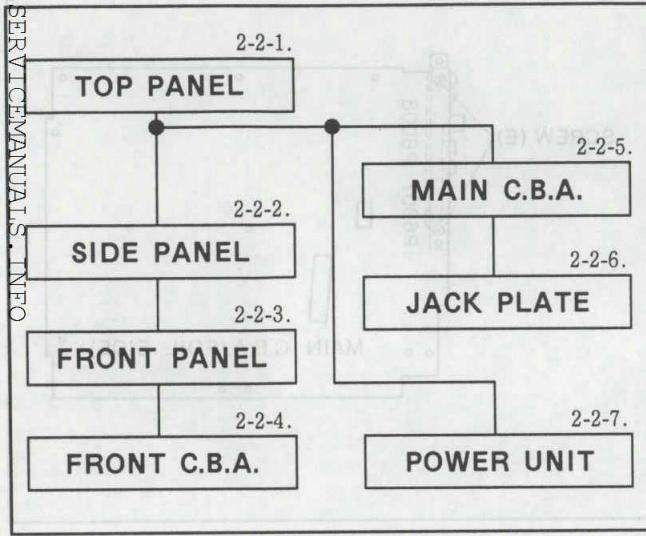


Fig. D1

2-2. DISASSEMBLY METHOD

2-2-1. Removal of the Top Panel

1. Unscrew the 2 screws (A) on the top of the unit and lift up rear portion of the Top Panel then slide it off the back of the unit.

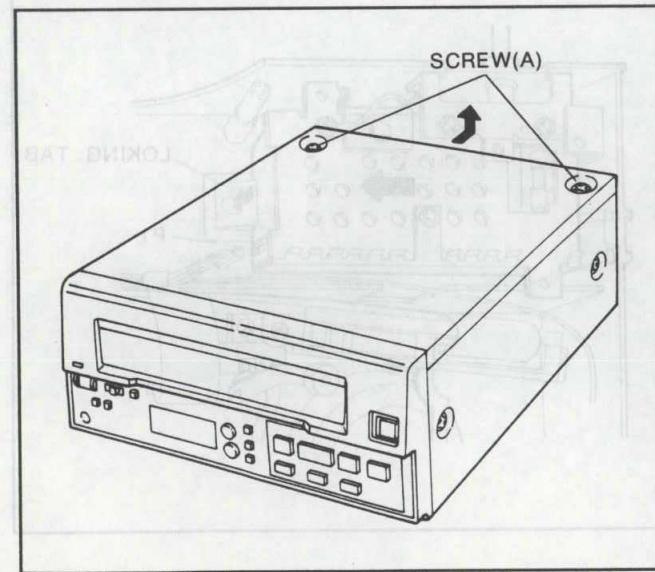


Fig. D2

2-2-2. Removal of the Side Panel

1. Unscrew 2 screws (B) on the side of the unit for each the Side Panel and remove the Side Panel.

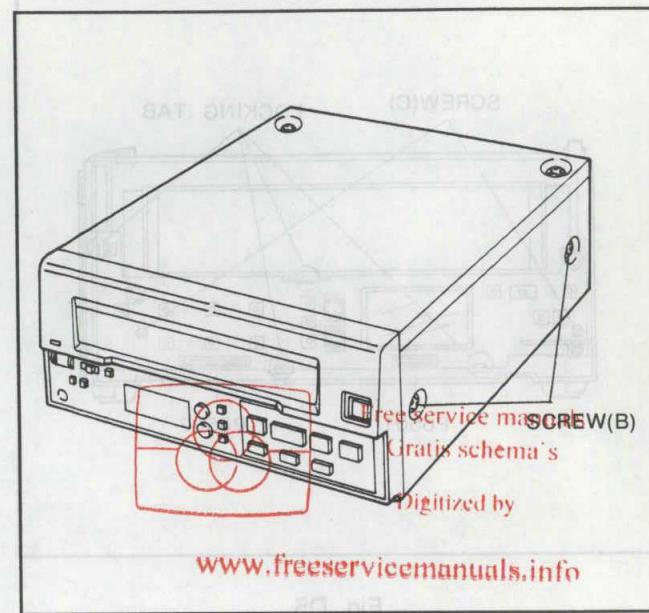


Fig. D3

2-2-3. Removal of Front Panel

1. Unlock the 4 locking tabs on the top and bottom of the Front Panel then pull the panel off the unit.

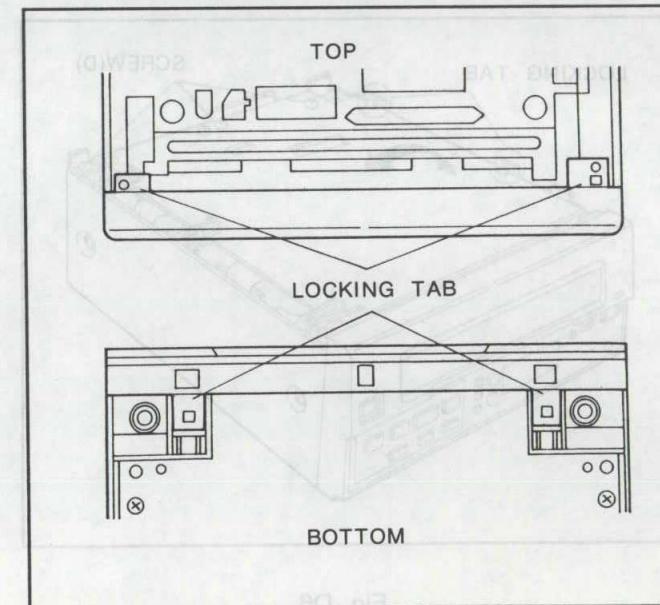


Fig. D4

2-2-4. Removal of the Front C.B.A.

1. Unscrew 2 screws (C), disconnect 2 flexible cables from the P6501 and P6502.
2. Unlock 3 locking tabs on the Front C.B.A.
3. Carefully pull the Front C.B.A. off the unit.

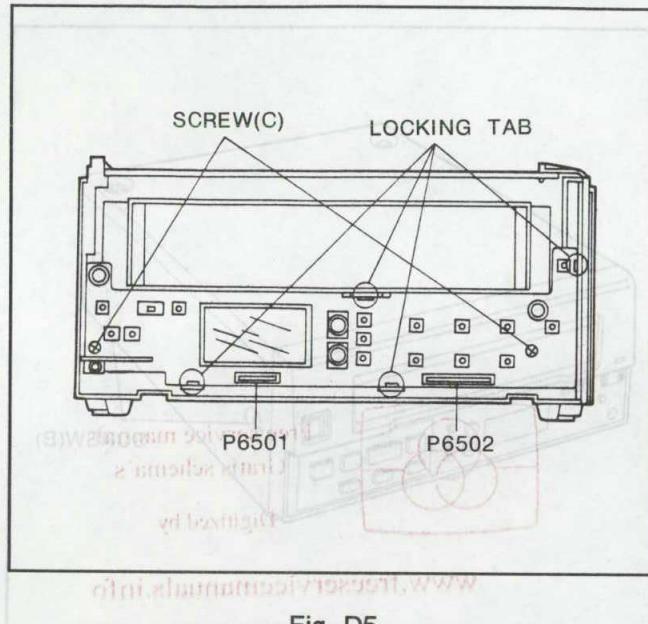


Fig. D5

2-2-6. Removal of the Jack Plate

1. Unscrew 2 screws (E) on the foil side of the Main C.B.A.
2. Carefully pull out the Rear Jack C.B.A. with the Jack Plate that connected the P6007 and P6008 on the Main C.B.A.

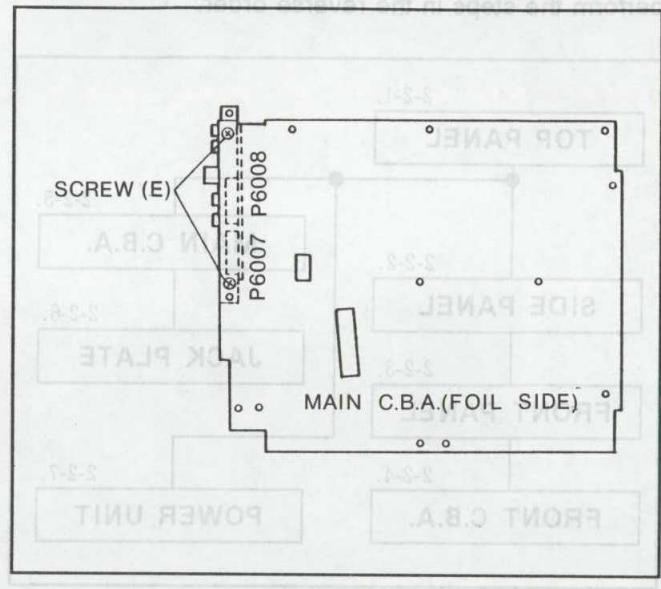


Fig. D7

2-2-5. Opening of the Main C.B.A.

1. Unscrew 3 screws (D) on the Main C.B.A.
2. Unlock 2 locking tabs and carefully open the Main C.B.A.

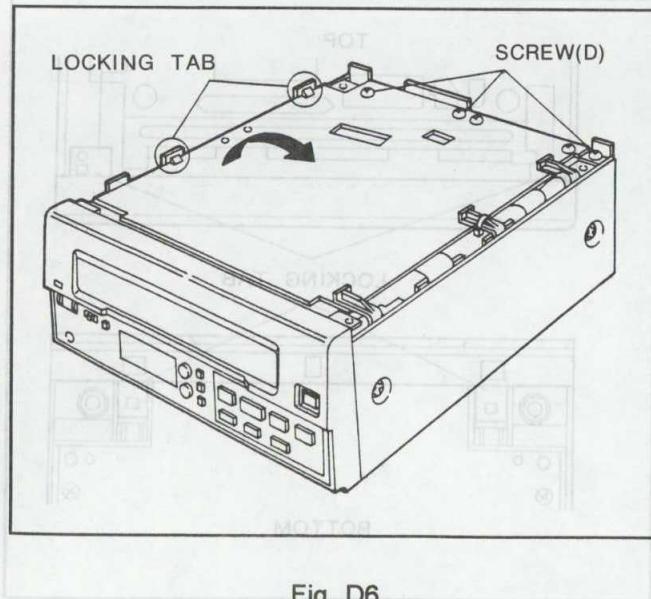


Fig. D6

2-2-7. Removal of the Power Supply Unit

1. Disconnect P1 connector in side of the Power Supply Unit.
2. Push down the locking tab and carefully slide the Power Supply Unit then lift it up from the unit.

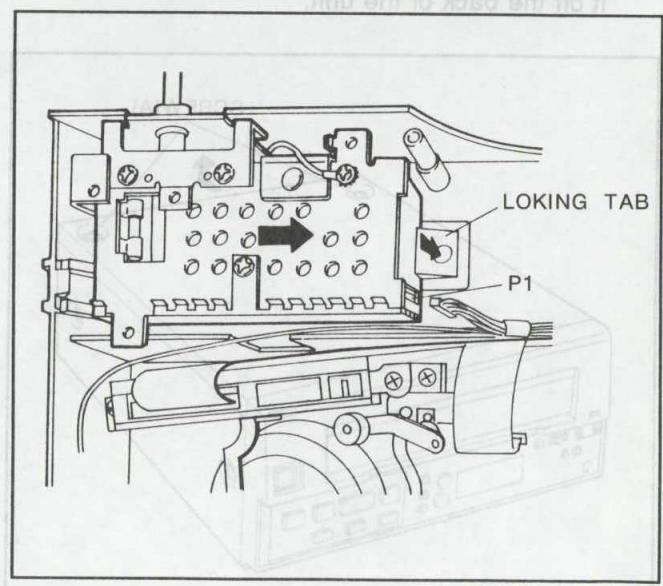
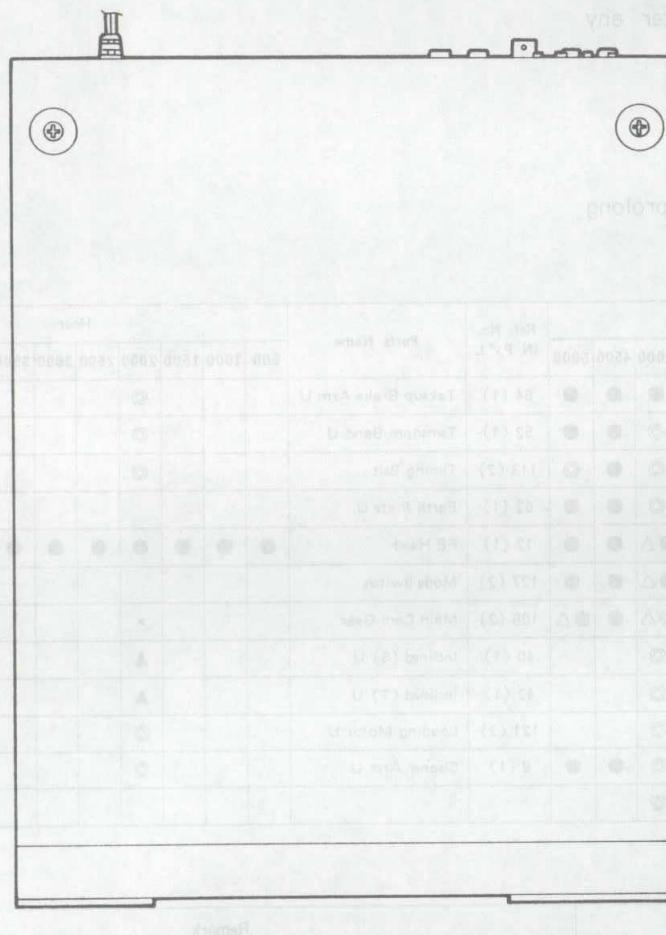
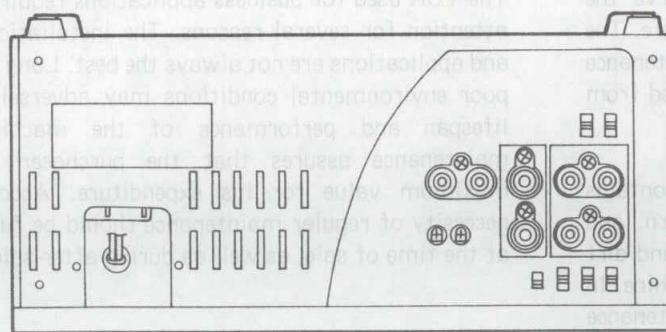


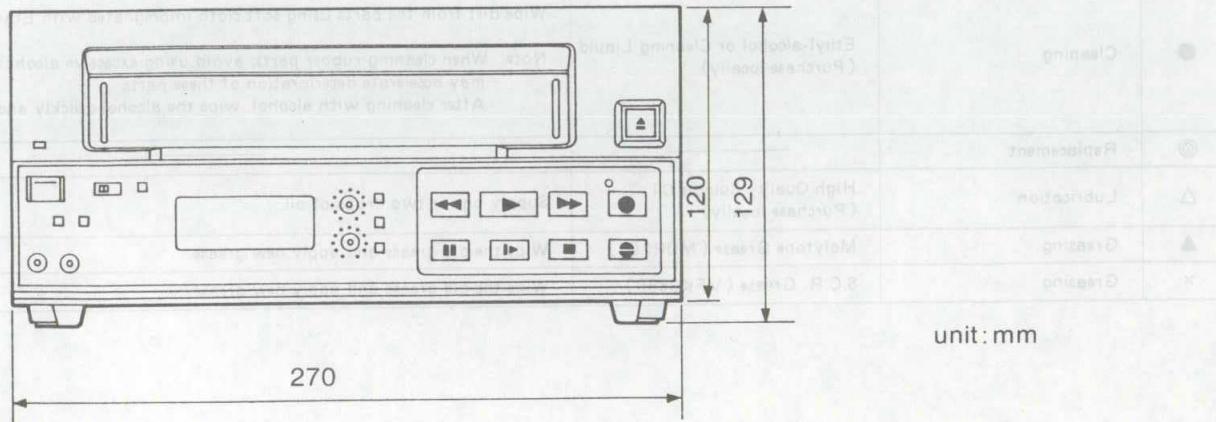
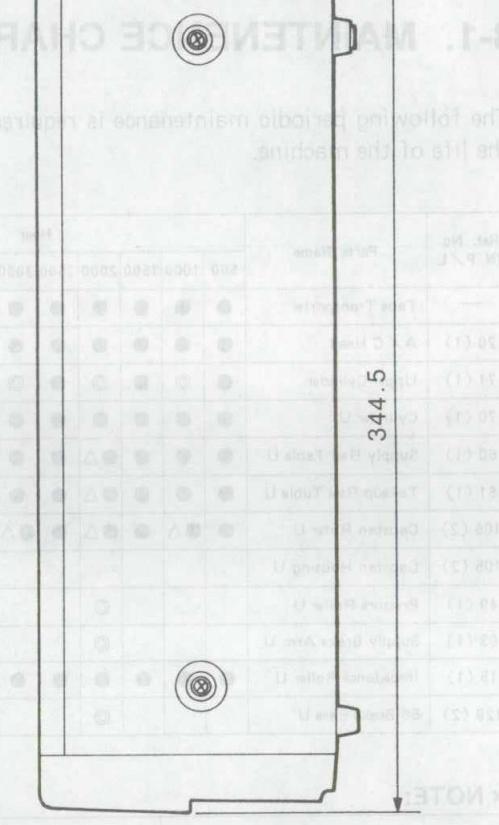
Fig. D8

DIMENSIONS

REGULAR MAINTENANCE



3-1. MAINTENANCE CHART



REGULAR MAINTENANCE

The purpose of periodic maintenance is to preserve the functioning of this machine throughout its useful life. The user or service dealer should perform these maintenance regularly to ensure that maximum utility is obtained from the machine.

The VCR is a complicated piece of equipment. It contains many belts, rollers, heads etc., which become worn, and deteriorate as time goes by, causing trouble. Dust and dirt will also impede the proper functioning of the machine. In light of this, it is very important that overall maintenance be done according to the maintenance chart to maintain the functions of the VCR, and to avoid accidental problems. This maintenance should also be performed after any repairs are done on the equipment.

The VCR used for business applications requires particular attention for several reasons. The installation conditions and applications are not always the best. Long use times, or poor environmental conditions may adversely affect the lifespan and performance of the machine. Regular maintenance assures that the purchaser obtains the maximum value for his expenditure. Accordingly, the necessity of regular maintenance should be fully explained at the time of sale, as well as during after-sale repairs.

3-1. MAINTENANCE CHART

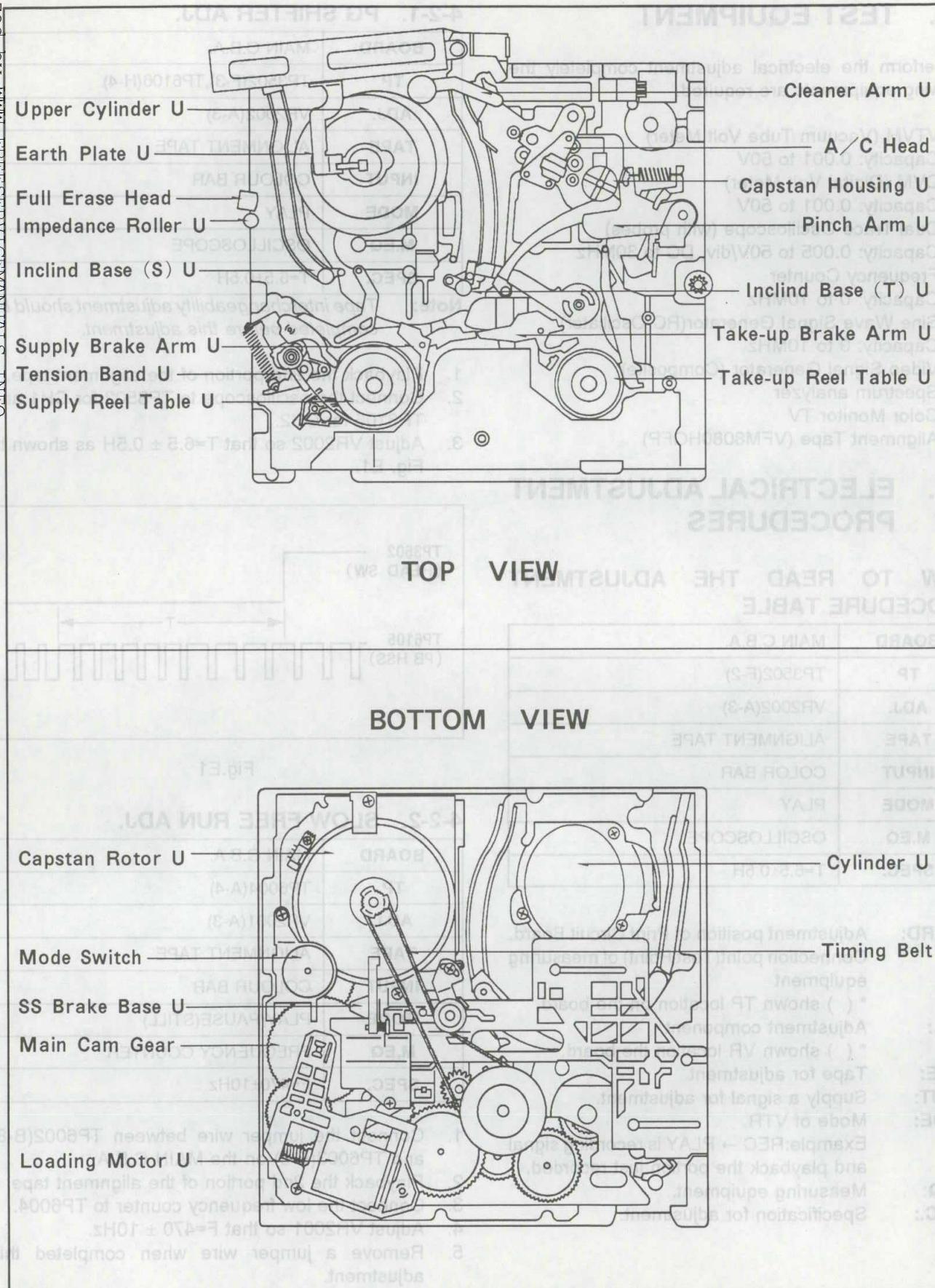
The following periodic maintenance is required to prolong the life of the machine.

Ref. No. IN P/L	Parts Name	Hour										Ref. No. IN P/L	Parts Name	Hour									
		500	1000	1500	2000	2500	3000	3500	4000	4500	5000			500	1000	1500	2000	2500	3000	3500	4000	4500	5000
—	Tape Transporter	●	●	●	●	●	●	●	●	●	●	64 (1)	Takeup Brake Arm U			◎			◎		◎		
20 (1)	A/C Head	●	●	●	●	●	●	●	●	●	●	52 (1)	Tension Band U			◎			◎		◎		
71 (1)	Upper Cylinder	●	◎	●	●	●	●	●	●	●	●	113 (2)	Timing Belt			◎			◎		◎		
70 (1)	Cylinder U	●	●	●	●	●	●	●	●	●	●	62 (1)	Earth Plate U									◎	
60 (1)	Supply Reel Table U	●	●	●	●	△	●	●	●	●	●	12 (1)	FE Head	●	●	●	●	●	●	●	◎	●	
61 (1)	Takeup Reel Table U	●	●	●	●	△	●	●	●	●	●	127 (2)	Mode Switch									◎	
106 (2)	Capstan Rotor U	●	●	△	●	●	△	●	●	●	●	108 (2)	Main Cam Gear	x	x								
105 (2)	Capstan Housing U								●			40 (1)	Inclined (S) U	▲		▲		▲		◎			
49 (1)	Pressure Roller U				●				●			42 (1)	Inclined (T) U	▲		▲		▲		◎			
63 (1)	Supply Brake Arm U				●				●			121 (2)	Loading Motor U	◎		◎		◎		◎			
15 (1)	Impedance Roller U	●	●	●	●	●	●	●	●	●	●	9 (1)	Cleaner Arm U	◎		◎		◎		◎			
128 (2)	SS Brake Base U			●			●																

* NOTE:

Symbol	Maintenance	Requirement	Remark
●	Cleaning	Ethyl-alcohol or Cleaning Liquid (Purchase locally)	Wipe dirt from the parts using soft cloth impregnated with Ethyl-Alcohol. Note: When cleaning rubber parts, avoid using excessive alcohol since it may accelerate deterioration of these parts. After cleaning with alcohol, wipe the alcohol quickly and thoroughly.
◎	Replacement	—	—
△	Lubrication	High Quality Spindle Oil (Purchase locally)	Supply one or two drops of oil.
▲	Greasing	Molytone Grease (MOR265)	Wipe the old grease and apply new grease.
×	Greasing	S.C.R. Grease (VFK0680)	Wipe the old grease and apply new grease.

3-2. PARTS LOCATION



ELECTRICAL ADJUSTMENT PROCEDURES

4-1. TEST EQUIPMENT

To perform the electrical adjustment completely the following equipments are required.

1. VTVM (Vacuum Tube Volt Meter)
Capacity: 0.001 to 50V
2. DVM (Digital Volt Meter)
Capacity: 0.001 to 50V
3. Dual-Trace Oscilloscope (with probes)
Capacity: 0.005 to 50V/div, DC to 30MHz
4. Frequency Counter
Capacity: 0 to 10MHz
5. Sine Wave Signal Generator(RC Oscillator)
Capacity: 0 to 10MHz
6. Video Signal Generator (Composite)
7. Spectrum analyzer
8. Color Monitor TV
9. Alignment Tape (VFM8080HQFP)

4-2. ELECTRICAL ADJUSTMENT PROCEDURES

HOW TO READ THE ADJUSTMENT PROCEDURE TABLE

BOARD	MAIN C.B.A.
TP	TP3502(F-2)
ADJ.	VR2002(A-3)
TAPE	ALIGNMENT TAPE
INPUT	COLOR BAR
MODE	PLAY
M.EQ	OSCILLOSCOPE
SPEC.	T=6.5±0.5H

- BOARD:** Adjustment position of Print Circuit Board.
TP: Connection point(Test Point) of measuring equipment
 * () shown TP location on the board.
- ADJ.:** Adjustment component
 * () shown VR location the board.
- TAPE:** Tape for adjustment.
- INPUT:** Supply a signal for adjustment.
- MODE:** Mode of VTR.
 Example:REC → PLAY is recording signal and playback the portion just recorded.
- M.EQ:** Measuring equipment.
- SPEC.:** Specification for adjustment.

4-2-1. PG SHIFTER ADJ.

BOARD	MAIN C.B.A.
TP	TP3502(F-3),TP6106(H-4)
ADJ.	VR2002(A-3)
TAPE	ALIGNMENT TAPE
INPUT	COLOUR BAR
MODE	PLAY
M.EQ	OSCILLOSCOPE
SPEC.	T=6.5±0.5H

Note: Tape interchangeability adjustment should be completed before this adjustment.

1. Playback the 2nd portion of the alignment tape.
2. Connect the oscilloscope to TP3502 for CH1 and TP6106 for CH2.
3. Adjust VR2002 so that T=6.5 ± 0.5H as shown in Fig. E1.

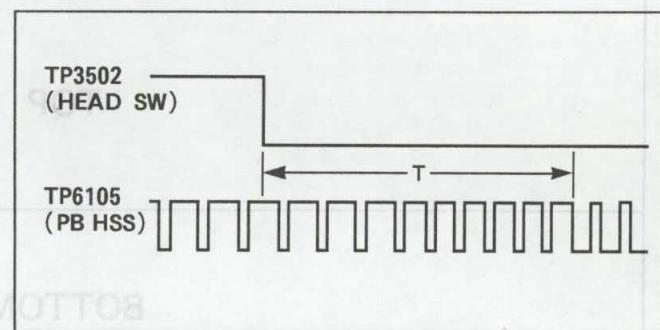


Fig.E1

4-2-2. SLOW FREE RUN ADJ.

BOARD	MAIN C.B.A.
TP	TP6004(A-4)
ADJ.	VR2001(A-3)
TAPE	ALIGNMENT TAPE
INPUT	COLOUR BAR
MODE	PLAY/PAUSE(STILL)
M.EQ	FREQUENCY COUNTER
SPEC.	F=470±10Hz

1. Connect the jumper wire between TP6002(B-8) and TP6003(B-8) on the MAIN C.B.A.
2. Playback the 2nd portion of the alignment tape.
3. Connect the low frequency counter to TP6004.
4. Adjust VR2001 so that F=470 ± 10Hz.
5. Remove a jumper wire when completed this adjustment.

4-2-3. SLOW TRACKING ADJ.

BOARD	MAIN C.B.A.
TP	VIDEO OUT
ADJ.	3H:VR2006(A-3),6H:VR2004(B-4)
TAPE	BLANK TAPE
INPUT	COLOUR BAR
MODE	REC → PLAY
M.EQ	MONITOR TV
SPEC.	NO NOISE BAR APPEAR ON MONITOR TV

Note: *SLOW FREE RUN adjustment should be completed before this adjustment.*

- Record the colour bar signal a few minute in the 3H and 6H tape speed mode.
- Set the tracking to fix position that press the tracking buttons (+)/(-) simultaneously.
- Place the unit in SLOW mode.
- Adjust VR2006(3H) and VR2004(6H) until noise bar disappear on the monitor screen.

4-2-4. V LOCK ADJ.

BOARD	MAIN C.B.A.
TP	VIDEO OUT
ADJ.	3H:VR2008(B-4),6H:VR2007(B-5)
TAPE	BLANK TAPE
INPUT	COLOUR BAR
MODE	REC → PLAY/PAUSE
M.EQ	MONITOR TV
SPEC.	NO V-DANCING ON MONITOR TV

Note: *SLOW TRACKING adjustment should be completed before this adjustment.*

- Set the V LOCK volume VR6901(3H) and VR6902(6H) to center position on the rear jack panel.
- Record the colour bar signal a few minute in the 2H and 6H tape speed mode.
- Place the unit in STILL mode at 3H recorded portion.
- Adjust VR2008 so that the V-dancing does not appear on monitor screen.
- Place the unit in STILL mode at 6H recorded portion.
- Adjust VR2007 so that the V-dancing does not appear on monitor screen.

4-2-5. AGC LEVEL ADJ.

BOARD	MAIN C.B.A.
TP	VIDEO OUT
ADJ.	VR3001(D-6)
TAPE	BLANK TAPE
INPUT	COLOUR BAR
MODE	REC or STOP
M.EQ	OSCILLOSCOPE
SPEC.	$Y=1.0 \pm 0.05 \text{Vp-p}$

- Set the AGC SW to ON side.
- Place the unit in the recording or stop mode with the colour bar signal.
- connect Video out to the oscilloscope with a 75ohm termination.
- Adjust VR3001 so that video level becomes $1.0 \pm 0.05 \text{Vp-p}$.

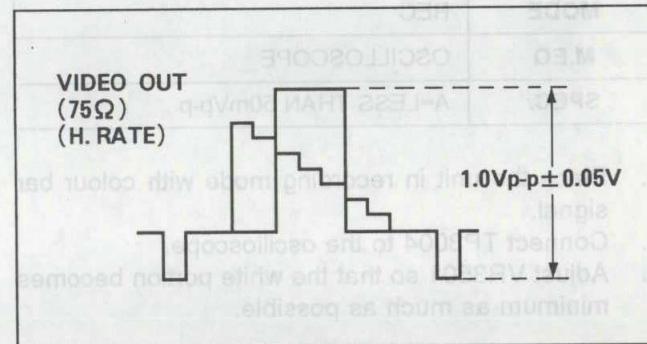


Fig. E2

4-2-6. Y LEVEL ADJ.

BOARD	MAIN C.B.A.
TP	VIDEO OUT
ADJ.	VR3004(G-4)
TAPE	BLANK TAPE
INPUT	COLOUR BAR
MODE	REC or STOP
M.EQ	OSCILLOSCOPE
SPEC.	$Y=1.0 \pm 0.05 \text{Vp-p}$

Note: *AGC LEVEL adjustment should be completed before this adjustment.*

- Set the AGC SW to OFF side.
- Place the unit in recording or stop mode with the colour bar signal.
- Connect video out to the oscilloscope with a 75ohm termination.
- Adjust VR3004 so that the Y level becomes $1.0 \pm 0.05 \text{Vp-p}$.
- Set the AGC SW to ON side when completed this adjustment.

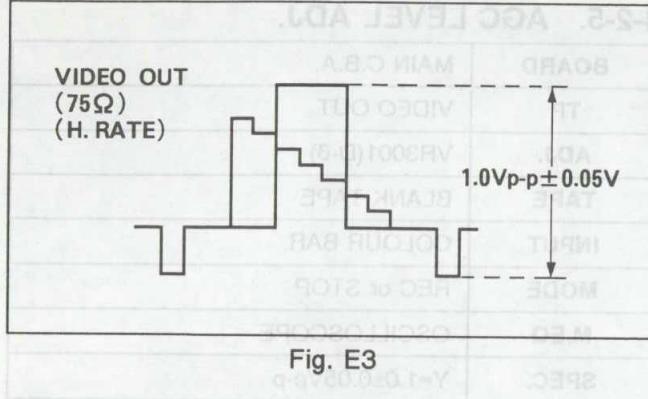


Fig. E3

4-2-7. YNR BALANCE ADJ.

BOARD	MAIN C.B.A.
TP	TP3004(F-4)
ADJ.	VR3501(C-7)
TAPE	BLANK TAPE
INPUT	COLOUR BAR
MODE	REC
M.EQ	OSCILLOSCOPE
SPEC.	A=LESS THAN 50mVp-p

1. Place the unit in recording mode with colour bar signal.
 2. Connect TP3004 to the oscilloscope.
 3. Adjust VR3501 so that the white portion becomes minimum as much as possible.

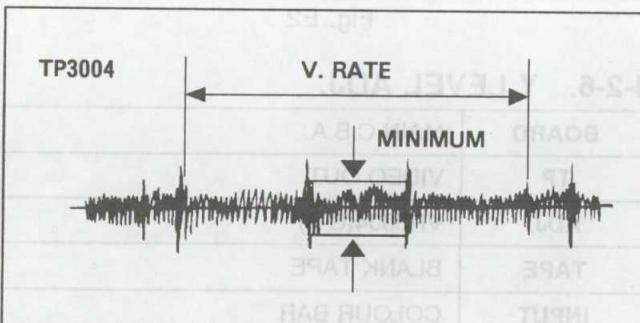


Fig. E4

4-2-8. VIDEO RECORDING CURRENT ADJ.

BOARD	MAIN C.B.A.
TP	TP507,TP508(HEAD AMP)
ADJ.	Y:VR3505(D-3),C:VR3504(E-3)
TAPE	BLANK TAPE
INPUT	COLOUR BAR
MODE	REC
M.EQ	OSCILLOSCOPE
SPEC.	$Y=140\pm 5 \text{mVp-p}$, $C=32\pm 2 \text{mVp-p}$

Note: The oscilloscope probe should be used under 5 feet longer cable and set 10:1.

1. Place the unit in recording(3H) mode with colour bar signal.
 2. Connect the oscilloscope between TP507(HOT) and TP508(GND) on the HEAD AMP C.B.A.
 3. Turn the VR3505 fully clockwise from foil side.
 4. Adjust VR3504 so that the cyan level becomes 32 ± 2 mVp-p and adjust VR3505 so that the sync level becomes 140 ± 5 mVp-p.

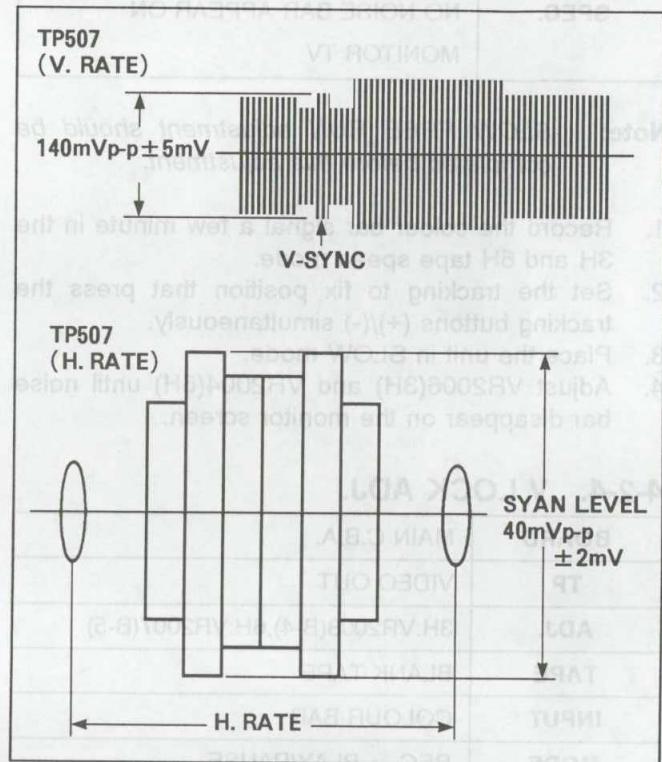


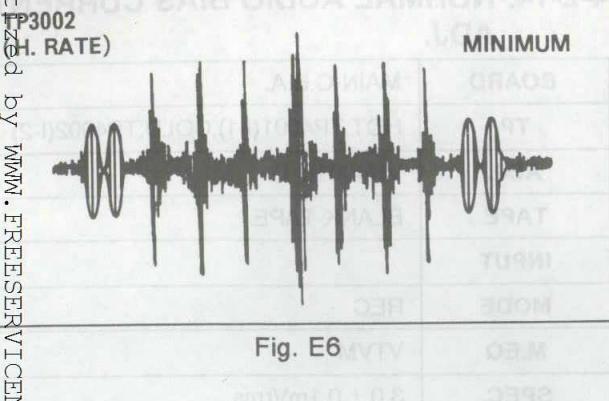
Fig. E5

4-2-9. CNR ADJ.

BOARD	MAIN C.B.A.
TP	TP3002(F-6)
ADJ.	VR3002(G-5), VR3007(G-6)
TAPE	BLANK TAPE
INPUT	COLOUR BAR
MODE	REC → PLAY
M.EQ	OSCILLOSCOPE
SPEC.	A=LESS THAN 700mVp-p

Note: YNR BALANCE adjustment should be completed before this adjustment.

1. Record the colour bar signal a few minute and playback the just recorded portion.
 2. Connect TP3002 to the oscilloscope.
 3. Adjust VR3002 and VR3007 mutually so that chrome components becomes minimum as much as possible.



4-2-11. PB EQUALIZER ADJ.

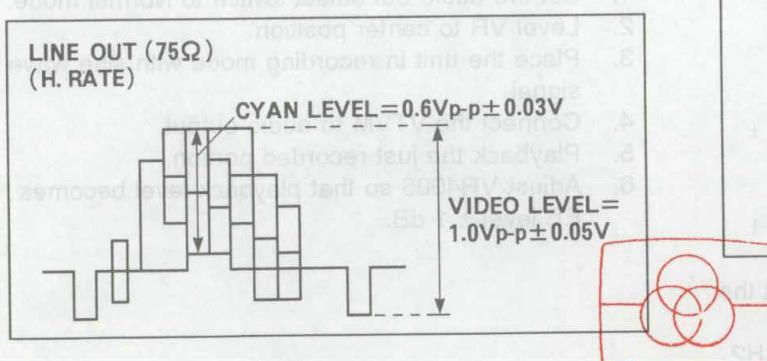
BOARD	MAIN C.B.A.
TP	VIDEO OUT
ADJ.	3H:VR3503(F-3),6H:VR3506(F-4)
TAPE	BLANK TAPE
INPUT	30% VIDEO SWEEP (W/O:Burst)
MODE	REC → PLAY
M.EQ	OSCILLOSCOPE
SPEC.	100K : 2MHz=5 : 5.0±0.5

4-2-10. VIDEO PLAYBACK LEVEL ADJ.

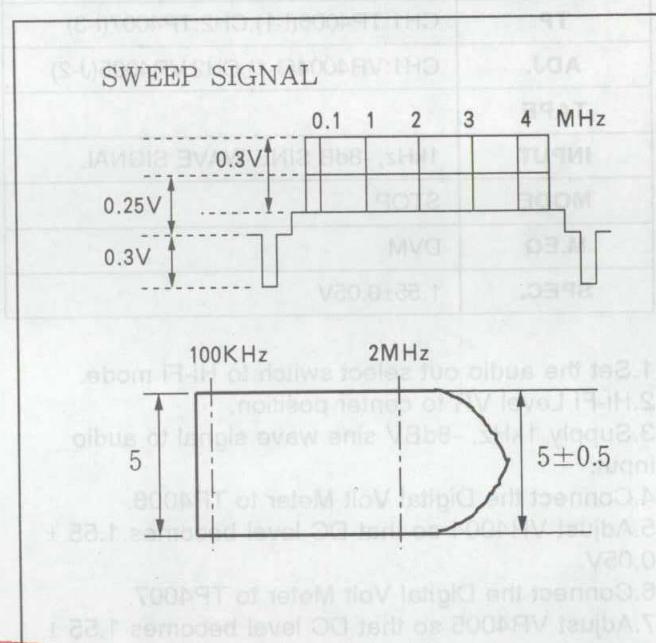
BOARD	MAIN C.B.A.
TP	VIDEO OUT
ADJ.	Y:VR3005(E-4),C:VR3502(D-8)
TAPE	BLANK TAPE
INPUT	COLOUR BAR
MODE	REC → PLAY
M.EQ	OSCILLOSCOPE
SPEC.	Y=1.0±0.05Vp-p, C=0.6±0.03Vp-p

Note: CNR adjustment should be completed before this adjustment.

1. Connect video out to the oscilloscope with a 75ohm termination.
2. Record the colour bar signal a few minute and playback just recorded portion.
3. Adjust VR3005 so that the Y level becomes $1.0 \pm 0.05Vp-p$.
4. Adjust VR3502 so that the cyan level becomes $0.6 \pm 0.03Vp-p$.



1. Connect video out to the oscilloscope.
2. Record the 30% video sweep signal a few minute in the 3H and 6H tape speed mode.
3. Playback just recorded portion.(Vary the vertical scope setting until the 100KHz level reaches 5 divisions)
4. Adjust VR3503 so that the 3H level becomes as shown in Fig.E8 at 3H recorded portion.
5. Adjust VR3506 so that the 6H level becomes as shown in Fig.E8 at 6H recorded portion.



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4-2-12. AUDIO E-E LEVEL ADJ.

BOARD	MAIN C.B.A.
TP	AUDIO OUTPUT
ADJ.	CH1:VR4002(I-3),CH2:VR4003(I-4)
TAPE	
INPUT	1kHz, -8dB SINE WAVE SIGNAL
MODE	STOP
M.EQ	VTVM
SPEC.	OUTPUT LEVEL = $-8 \pm 0.5\text{dBV}$

- Set the audio out select switch to Hi-Fi mode.
- Hi-Fi Level VR to center position.
- Supply sin wave signal to audio input.
- Connect the VTVM to audio output.
- Adjust VR4002 so that the audio output level becomes $-8 \pm 0.5\text{dBv}$.
- Adjust VR4003 so that the audio output level becomes $-8 \pm 0.5\text{dBv}$.

4-2-13. AUDIO LEVEL METER ADJ.

BOARD	MAIN C.B.A.
TP	CH1:TP4006(I-1),CH2:TP4007(I-3)
ADJ.	CH1:VR4004(J-1),CH2:VR4005(J-2)
TAPE	
INPUT	1kHz, -8dB SINE WAVE SIGNAL
MODE	STOP
M.EQ	DVM
SPEC.	$1.55 \pm 0.05\text{V}$

- Set the audio out select switch to Hi-Fi mode.
- Hi-Fi Level VR to center position.
- Supply 1kHz, -8dBV sine wave signal to audio input.
- Connect the Digital Volt Meter to TP4006.
- Adjust VR4004 so that DC level becomes $1.55 \pm 0.05\text{V}$.
- Connect the Digital Volt Meter to TP4007.
- Adjust VR4005 so that DC level becomes $1.55 \pm 0.05\text{V}$.
- Confirm display light "+2dB" to "-5dB" when set the audio select SW to L → R → NORMAL mode.
Also, Level Meter difference between CH1 and CH2 within 1 segment on the display.

4-2-14. NORMAL AUDIO BIAS CURRENT ADJ.

BOARD	MAIN C.B.A.
TP	HOT:TP4001(I-1),COLD:TP4002(I-2)
ADJ.	VR4001(I-1)
TAPE	BLANK TAPE
INPUT	
MODE	REC
M.EQ	VTVM
SPEC.	$3.0 \pm 0.1\text{mVrms}$

- Place the unit in recording mode without audio signal.
- Connect the VTVM to TP4001(HOT) and TP4002(GND).
- Adjust VR4001 so that level becomes $3.0 \pm 0.1\text{mVrms}$.

4-2-15. NORMAL AUDIO PLAYBACK GAIN ADJ.

BOARD	MAIN C.B.A.
TP	AUDIO OUT
ADJ.	VR4006(I-2)
TAPE	BLANK TAPE
INPUT	1kHz, -8dB SINE WAVE SIGNAL
MODE	REC → PLAY
M.EQ	VTVM
SPEC.	$\text{EE} \pm 1\text{dB}$

- Set the audio out select switch to Normal mode.
- Level VR to center position.
- Place the unit in recording mode with sine wave signal.
- Connect the VTVM to audio output.
- Playback the just recorded portion.
- Adjust VR4006 so that playback level becomes EE level $\pm 1\text{ dB}$.

4-2-16. FM AUDIO CARRIER FREQUENCY ADJ.

BOARD	AUDIO C.B.A.
TP	TP4004(H-3)
ADJ.	CH1:VR4501(E-1),CH2:VR4505(D-2)
TAPE	
INPUT	NO SIGNAL
MODE	STOP
M.EQ	SPECTRUM ANALYZER
SPEC.	$f_L = 1.4\text{MHz} \pm 10\text{kHz}$ $f_R = 1.8\text{MHz} \pm 10\text{kHz}$

1. Ground the Audio inputs (CH1 & CH2)
 2. Connect the spectrum analyzer to TP4004 on MAIN C.B.A.
 3. Adjust VR4501 so that the frequency of spectrum analyzer becomes $1.4\text{MHz} \pm 10\text{kHz}$.
 4. Adjust VR4502 so that the frequency of spectrum analyzer becomes $1.8\text{MHz} \pm 10\text{kHz}$.

4-2-17. FM AUDIO DEVIATION ADJ.

BOARD	AUDIO C.B.A.
TP	TP4004(H-3)
ADJ.	CH1:VR4502(E-2),CH2:VR4504(C-3)
TAPE	BLANK TAPE
INPUT	1KHz, -8dB SINE WAVE SIGNAL
MODE	REC
M.EQ	SPECTRUM ANALYZER
SPEC.	$f_W = 100 \pm 5 \text{ kHz}$

<Set up>

Hi-Fi LEVEL VR: Center position
 Spectrum analyzer: SCAN TIME:10ms/div
 BAND WIDTH:10kHz
 DISPERSION:20kHz/div

- Supply a 1kHz sine wave signal to the Audio input.
- Connect the spectrum analyzer to TP4004 on MAIN C.B.A. and set the center frequency to 1.4MHz.
- Adjust VR4502 so that the width of the f_W portion becomes $100 \pm 5 \text{ kHz}$.
- Set the center frequency to 1.8MHz.
- Adjust VR4504 so that the width of the f_W portion becomes $100 \pm 5 \text{ kHz}$.

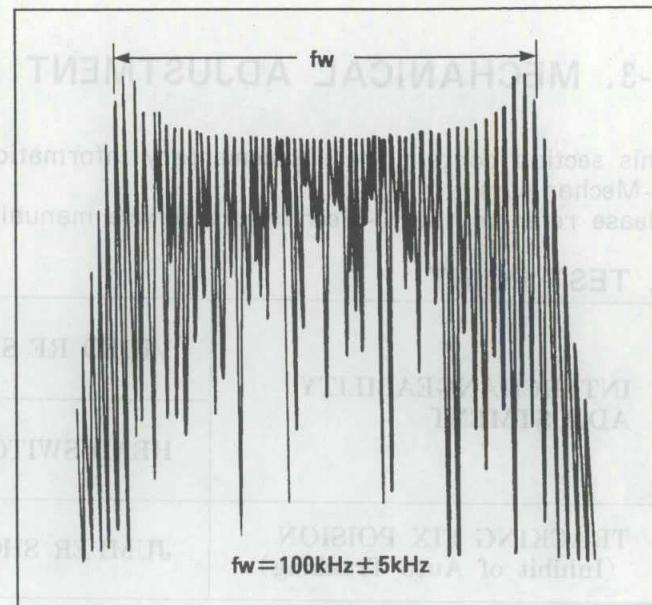


Fig. E9

4-2-18. FM AUDIO BPF ADJ.

BOARD	AUDIO C.B.A.
TP	TP4005(I-3)
ADJ.	VR4503(D-2)
TAPE	BLANK TAPE
INPUT	
MODE	REC → PLAY
M.EQ	OSCILLOSCOPE
SPEC.	ENVELOPE LEVEL: MAXIMUM

- Connect the oscilloscope to TP4005 on MAIN C.B.A.
- Place the unit in recording mode without audio signal.
- Playback just recorded portion.
- Adjust VR4503 so that the envelope level becomes maximum as much as possible.

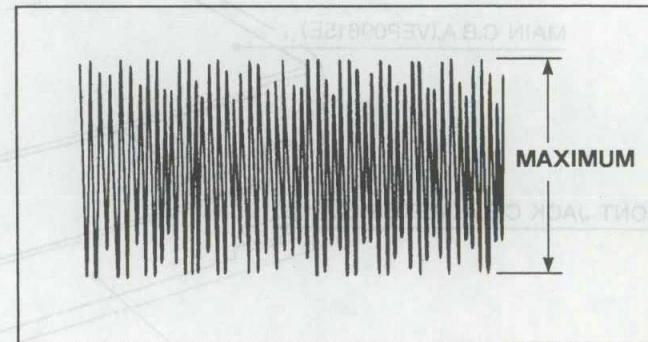


Fig. E10

4-3. MECHANICAL ADJUSTMENT INFORMATION

This section contain the supplementary information of Mechanical Adjustment Procedure for K-Mechanism.

Please refer to the K-Mechanism service manual (Order No. VSD9402M632).

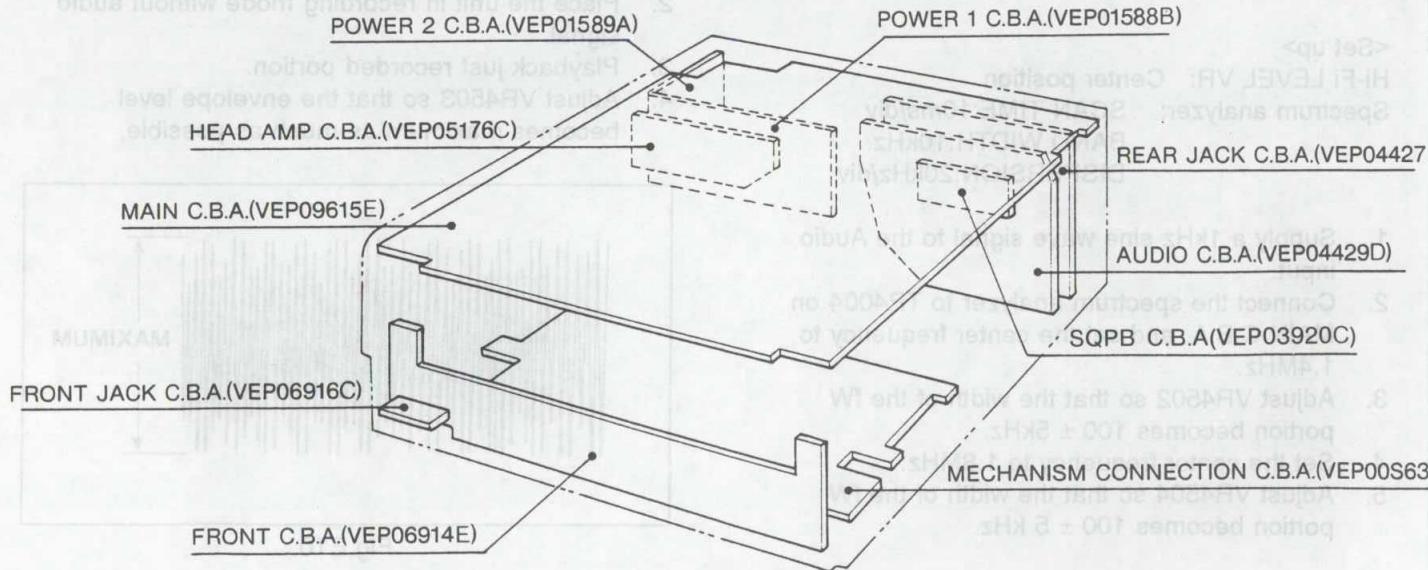
1. TEST POINT

INTERCHANGEABILITY ADJUSTMENT	VIDEO RF SIGNAL	TP507, TP508 (GND) HEAD AMP C.B.A.
	HEAD SWITCHING PULSE	TP3502 MAIN C.B.A.
TRACKING FIX POISION (Inhibit of Auto Tracking)	JUMPER SHORT	TP6002 and TP6003 MAIN C.B.A.

2. SPECIFICATION

3-8. BACK TENSION	22.5 ~ 27.5 g
3-11. FG GAP	0.15 ± 0.04 mm
3-12. PINCH PRESSING FORCE	1140 ± 250 g

CIRCUIT BOARD LAYOUT



BLOCK DIAGRAMS SCHEMATIC DIAGRAMS AND CIRCUIT BOARDS

NOTE : How to read the Schmatic diagram.

MIJISSO ⇒ No circuits construct for AG-5260.

D184 ONLY ⇒ AG-5260 used this circuits.

D182,D184,D187 ONLY ⇒ AG-5260 used this circuits.

D182 ONLY ⇒ No circuits construct for AG-5260.

D183 ONLY ⇒ No circuits construct for AG-5260.

D187 ONLY ⇒ No circuits construct for AG-5260.

* mark ⇒ Parts value, see table in the schematic diagram.

(EX:)

	D184
R2018	10K
R2019	-----

D184 or PAL(E)
AG-5260 used this circuits.

10KΩ
No part

(EX:)

NEXT CIRCUIT NO.



NAME OF SIGNAL

TITLE OF CIRCUIT	CIRCUIT NO.
SYSCON/SERVO	1/6
MOTOR DRIVE	2/6
INTERFACE	3/6
VIDEO 1 (Y)	4/6
VIDEO 2 (C)	5/6
AUDIO (MAIN)	6/6

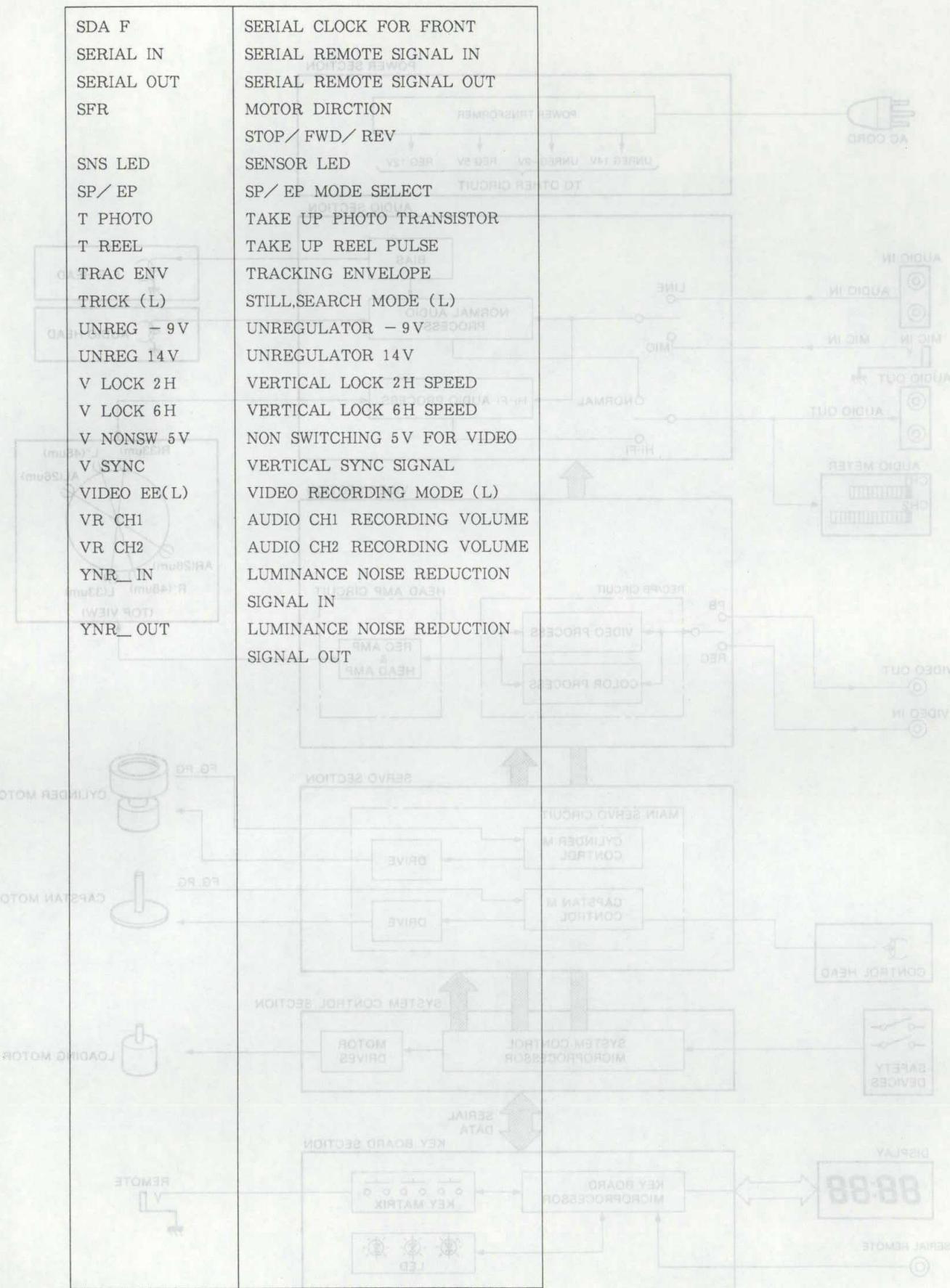
NOTE : Do not use the part number shown on this drawing for ordering.

The correct part number is shown in the parts list, and may be slightly different or amended since this drawing was prepared.

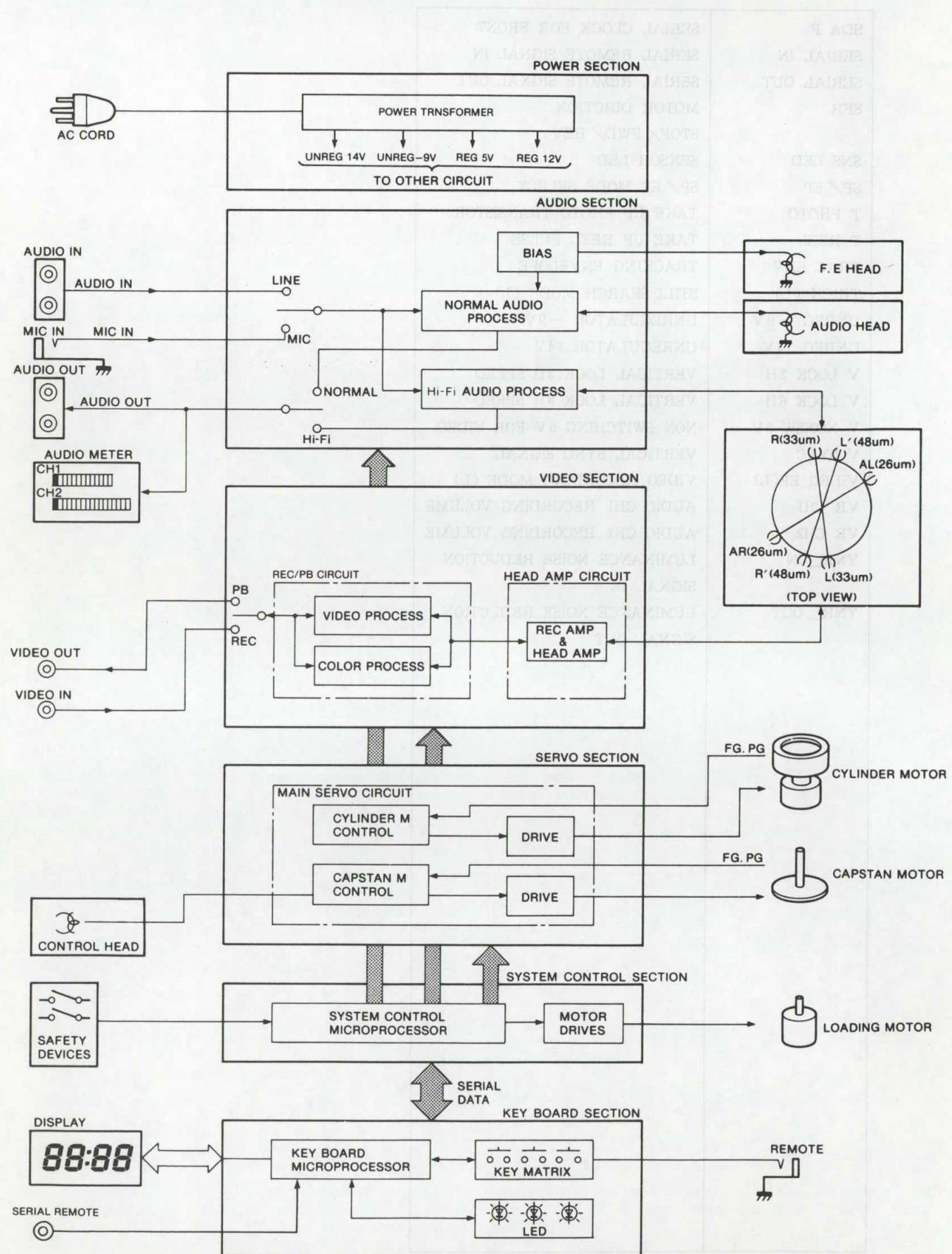
5-1. ABBRIVIATIONS

A MODE SEL	AUDIO MODE SELECT	FLY E	FLYING ERASE
A.DUB.P(L)	AUDIO DUBBING PAUSE (L)	FM MUTE(H)	FM AUDIO MUTE (H)
A.E.HEAD	AUDIO ERASE HEAD	H_A_SW	HEAD AMP SWITCING PULSE
A.HEAD(R)	AUDIO HEAD (REC)	H_METER_RST	HOUR METER RESET
A.HEAD(W)	AUDIO HEAD (PLAY)	HIFI REC(L)	FM AUDIO RECORDING(L)
A_HSW	AUDIO HEAD SWITCING PULSE	HSS	HORIZONTAL SYNC SIGNAL
AE	AUDIO ERASE	HSW	HEAD SWITCING PULSE
AGC	AUTO GAIN CONTROL	L(EP)	VIDEO L- CH FOR EP MODE
AGC ON(H)	AUTO GAIN CONTROL ON (H)	L(SP)	VIDEO L- CH FOR SP MODE
AL(AUDIO)	AUDIO L-CH SIGNAL	LOADING M(+)	LOADING MOTOR (+)
ANALOG REM IN	ANALOG REMOTE SIGNAL IN	LOADING M(-)	LOADING MOTOR (-)
ANALOG_IN	ANALOG REMOTE SIGNAL IN	M GND	MOTOR GND
AR(AUDIO)	AUDIO R-CH SIGNAL	METER_CH1	AUDIO METER CH1
ART_V	ARTIFICAL VERTICAL SYNC SIGNAL	METER_CH2	AUDIO METER CH2
AUDIO EE(H)	AUDIO EE MODE (H)	MIC GND	MICROPHONE GND
AUTO OFF OUT	AUTO OFF SIGNAL OUT	MIC IN	MICROPHONE SIGNAL INPUT
BACK SYS 5V	BACK UP 5V FOR SYSTEM CONTROL CIRCUIT	MIC(H)	MICROPHONE SIGANL REC (H)
BACK UP 5V	BACK UP 5V DC	MIX OUT	AUDIO CH1 / CH2 SIGNAL MIX OUTPUT
BIAS	AUDIO BIAS SIGNAL	NOR REC(L)	NORMAL AUDIO RECORDING(L)
CAP ET	CAPSTAN ERROR TORQUE	PB LEVEL	PLAYBACK SIGNAL LEVEL
	CONTROL	PB SIGNAL	PLAYBACK VIDEO SIGNAL
CAP FG1	CAPSTAN FG1 PULSE	PFG	PG / FG
CAP FG2	CAPSTAN FG2 PULSE	POS SW1~3	MECHANISUM POSITION SWITCH
CAP RSF	CAPSTAN REV / STOP / FWD	POWER OFF(L)	AC POWER OFF (L)
CAP VM	CAPSTAN DRIVE VOLTAGE	R(EP)	VIDEO R- CH FOR EP MODE
COR	CORREATION SIGNAL	R(SP)	VIDEO R- CH FOR SP MODE
CTL OUT	CONTROL SIGNAL OUT	REC GATE(L)	RECORDING GATE (L)
CTL(+)	CONTROL HEAD (+)	REC_C	RECORDING CHROMINANCE SIGNAL
CTL(-)	CONTROL HEAD (-)	REC_Y	RECORDING LUMINANCE SIGNAL
CUL	CAPSTAN SPEED CONTROL	REC_H	RECORDING (H)
	SIGNAL (H,M,High Impedance)	REEL + B	REEL PHOTE SENSOR DC
CYL ET	CYLINDER ERROR TORQUE	RF_C	RF CHROMINANCE SIGNAL
	CONTROL	RF_OUT	RF SIGNAL OUT
CYL PFG	CYLINDER PG / FG PULSE	RF_Y	RE LUMINANCE SIGNAL
D FM REC (L)	DELAIED FM REOCDRING (L)	RF_Y_IN	RF LUMINANCE SIGNAL INPUT
D REC (H)	DELAIED RECORDING (H)	RE_Y_OUT	RF LUMINANCE SIGNAL OUTPUT
DEW SENSE	DEW SENSOR	ROTARY SW	ROTARY SWITCH
E_REC_5V	EXCEPT RECORDING 5V	S NONSW 5V	NON SWITCING 5V FOR SYSTEM
EDIT_ON(H)	EDIT ON (H)		CONTROL CIRCUIT
EE(H)	RECORDING (H)	S PHOTO	SUPPLY REEL PHOTO SENSOR
ENV_SEL	RF ENVELOPE SELECT	S REEL	SYPPLY REEL PULSE
ENVE.OUT	RF ENVELOPE SIGNAL OUT	S TAB SW	SAFETY TAB SWITCH
FE(1)	FULL ERASE(1)	S VHS(H)	SVHS SIGNAL DETECT (H)
FE(2)	FULL ERASE(2)	SCK_F	SERIAL CLOCK FOR FRONT

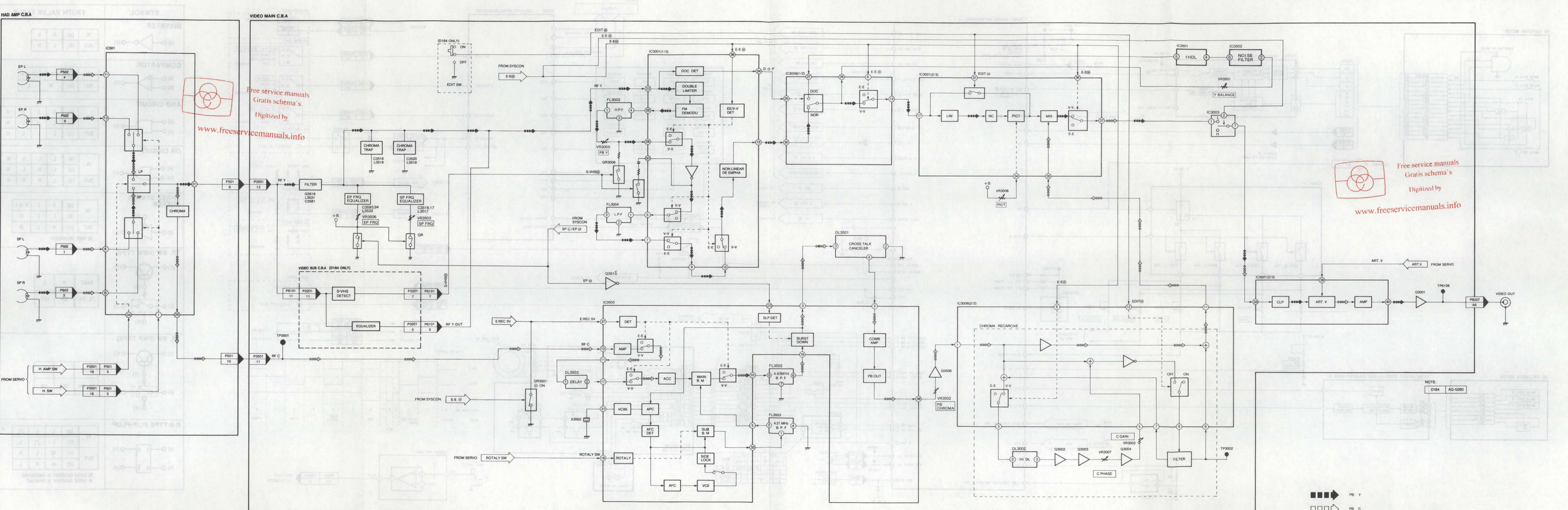
OVER ALL BLOCK DIAGRAM



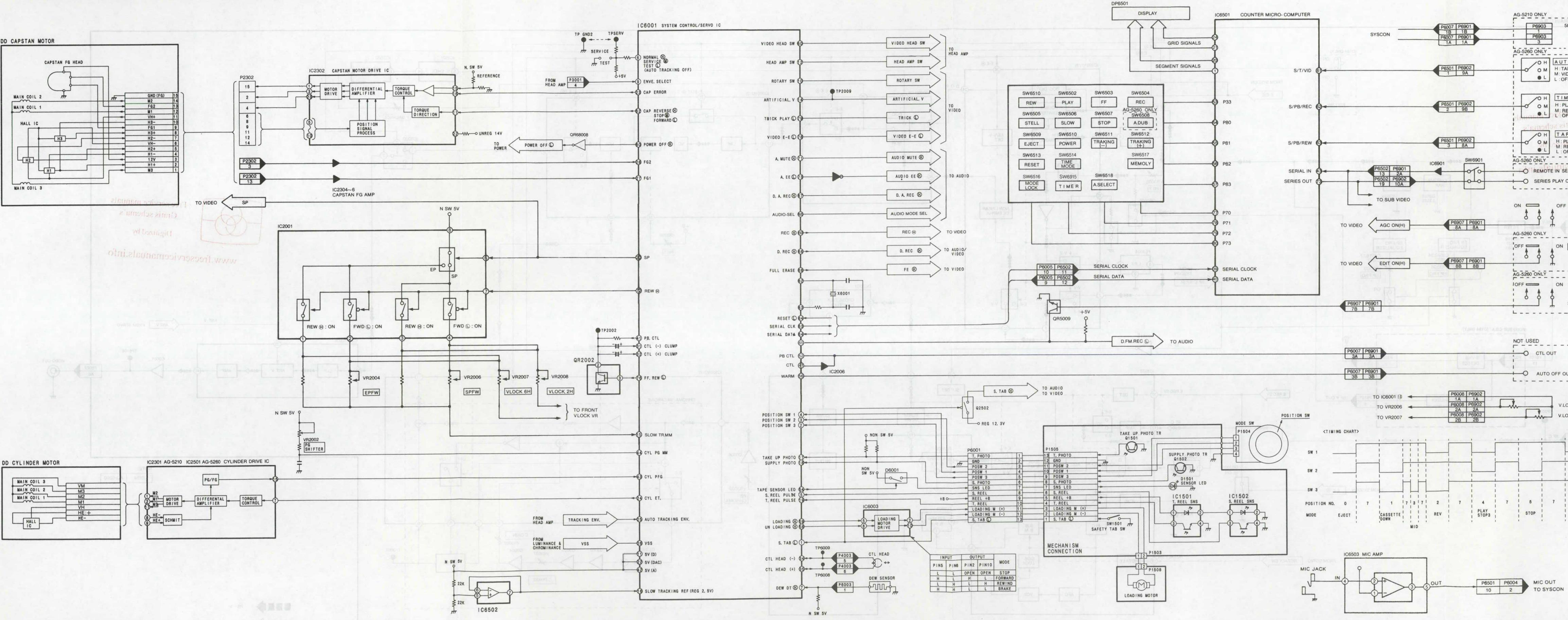
OVER ALL BLOCK DIAGRAM



5-4. VIDEO(PLAY) BLOCK DIAG

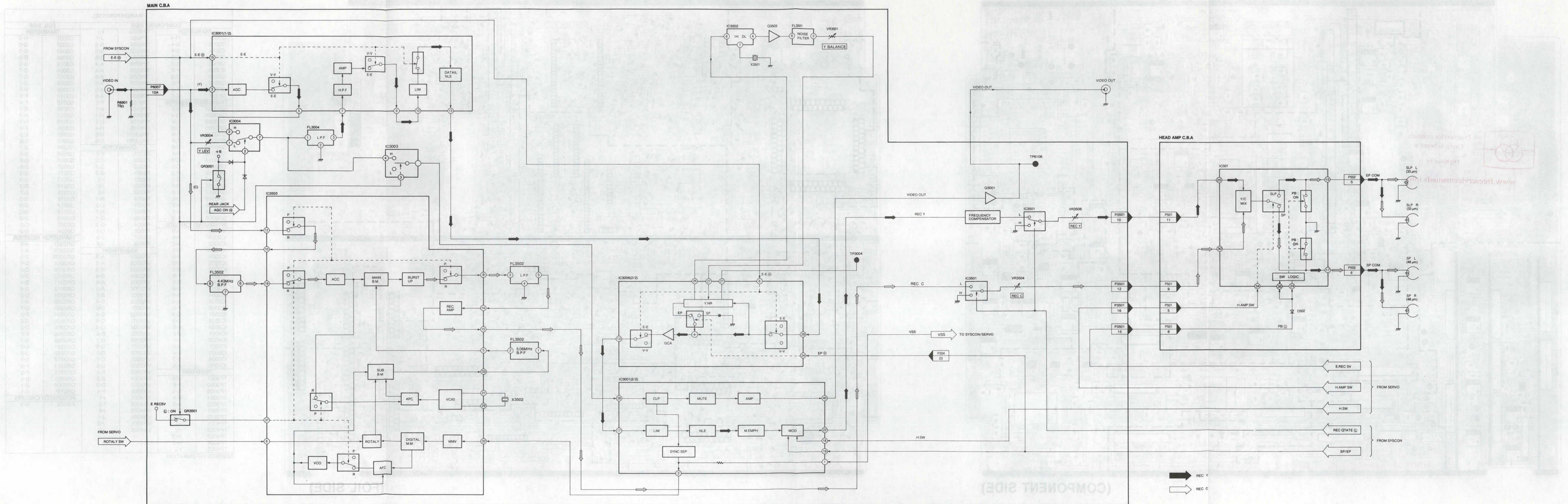


5-3. SYSTEM CONTROL & SERVO BLOCK DIAGRAM



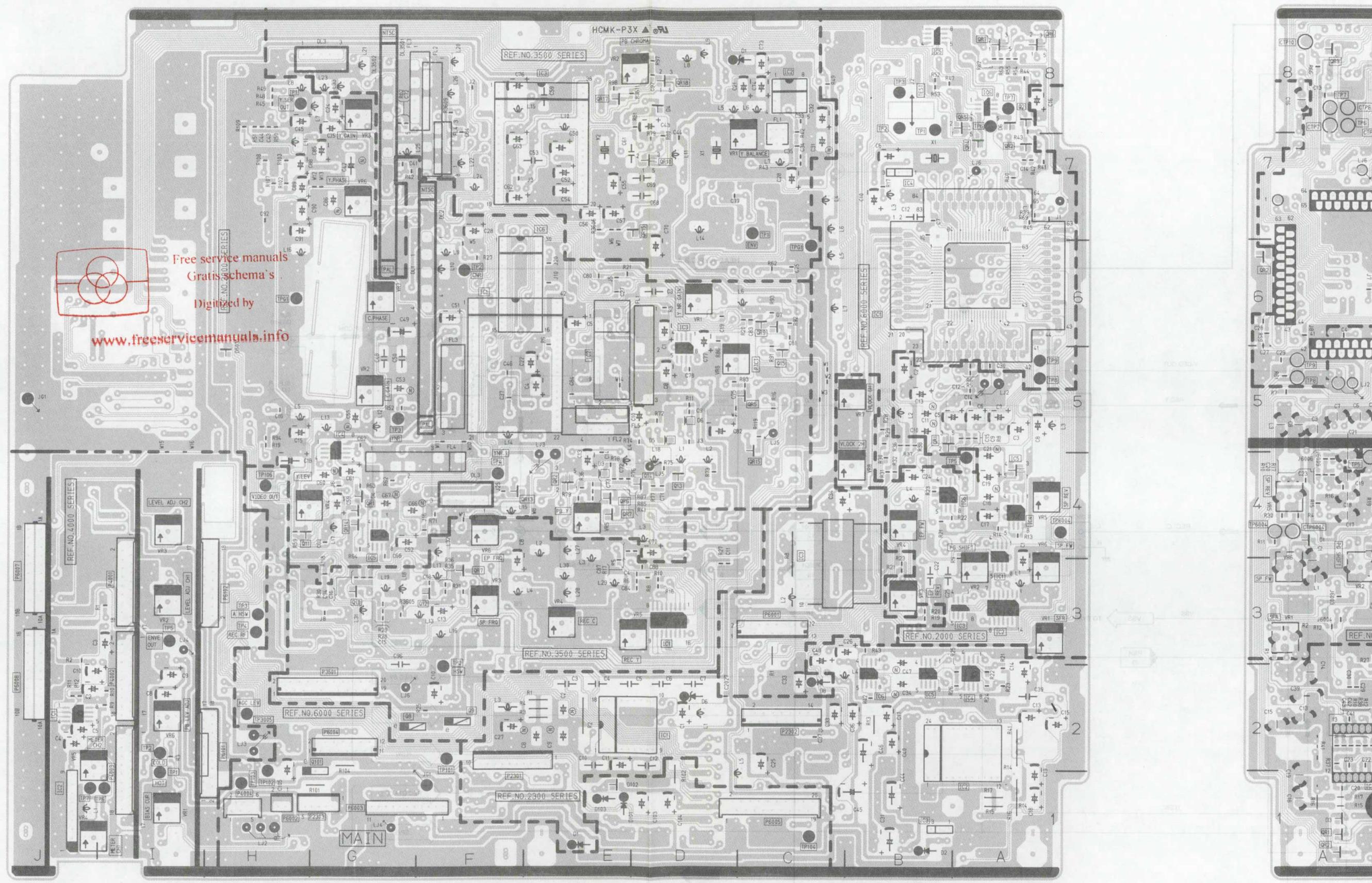
SYMBOL	TRUTH VALUE TABLE										
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IN	(a)	H	L								
OUT	(b)	L	H								
COMPARTOR (a) <input type="circle"/> <input type="circle"/> (b) <input type="circle"/> (a) > (b) <input type="circle"/> (a) < (b) OUT (c) <input type="circle"/> H L	<table border="1"> <tr> <td>IN</td><td>(a)</td><td>(b)</td><td>(a) > (b)</td><td>(a) < (b)</td><td>(c)</td><td>H</td><td>L</td></tr> </table>	IN	(a)	(b)	(a) > (b)	(a) < (b)	(c)	H	L		
IN	(a)	(b)	(a) > (b)	(a) < (b)	(c)	H	L				
AND CIRCUIT (a) <input type="circle"/> <input type="circle"/> (b) <input type="circle"/> (c) OUT (c) <input type="circle"/> L L H H	<table border="1"> <tr> <td>IN</td><td>(a)</td><td>(b)</td><td>(c)</td><td>L</td><td>L</td><td>H</td><td>H</td></tr> </table>	IN	(a)	(b)	(c)	L	L	H	H		
IN	(a)	(b)	(c)	L	L	H	H				
OR CIRCUIT (a) <input type="circle"/> <input type="circle"/> (b) <input type="circle"/> (c) OUT (c) <input type="circle"/> L H L H	<table border="1"> <tr> <td>IN</td><td>(a)</td><td>(b)</td><td>(c)</td><td>L</td><td>H</td><td>L</td><td>H</td></tr> </table>	IN	(a)	(b)	(c)	L	H	L	H		
IN	(a)	(b)	(c)	L	H	L	H				
THREE STATES BUFFER (b) <input type="circle"/> <input type="circle"/> (c) OUT (c) <input type="circle"/> H L H or L ※ High Impedance	<table border="1"> <tr> <td>IN</td><td>(b)</td><td>(c)</td><td>H</td><td>L</td><td>H</td><td>L</td><td>H or L</td></tr> </table>	IN	(b)	(c)	H	L	H	L	H or L		
IN	(b)	(c)	H	L	H	L	H or L				
TR. SW (NPN TYPE) (C) <input type="circle"/> <input type="circle"/> (E) BASE H L TR. SW ON OFF	<table border="1"> <tr> <td>BASE</td><td>H</td><td>L</td></tr> <tr> <td>TR. SW</td><td>ON</td><td>OFF</td></tr> </table>	BASE	H	L	TR. SW	ON	OFF				
BASE	H	L									
TR. SW	ON	OFF									
TR. SW (PNP TYPE) (E) <input type="circle"/> <input type="circle"/> (C) BASE H L TR. SW OFF ON	<table border="1"> <tr> <td>BASE</td><td>H</td><td>L</td></tr> <tr> <td>TR. SW</td><td>OFF</td><td>ON</td></tr> </table>	BASE	H	L	TR. SW	OFF	ON				
BASE	H	L									
TR. SW	OFF	ON									
R-S TYPE FLIP-FLOP (a) <input type="circle"/> S Q <input type="circle"/> (c) (b) <input type="circle"/> R <input type="circle"/> (d) OUT (d) <input type="circle"/> H L	<table border="1"> <tr> <td>IN</td><td>(a)</td><td>S</td><td>Q</td><td>(c)</td></tr> <tr> <td>OUT</td><td>(b)</td><td>R</td><td>(d)</td><td>H L</td></tr> </table> <p>※ Initial condition is maintained. ※ Initial condition is reversed.</p>	IN	(a)	S	Q	(c)	OUT	(b)	R	(d)	H L
IN	(a)	S	Q	(c)							
OUT	(b)	R	(d)	H L							

5-5. VIDEO(REC) BLOCK DIAGRAM



6-1. MAIN C.B.A. (VEP06915E)

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(COMPONENT SIDE)

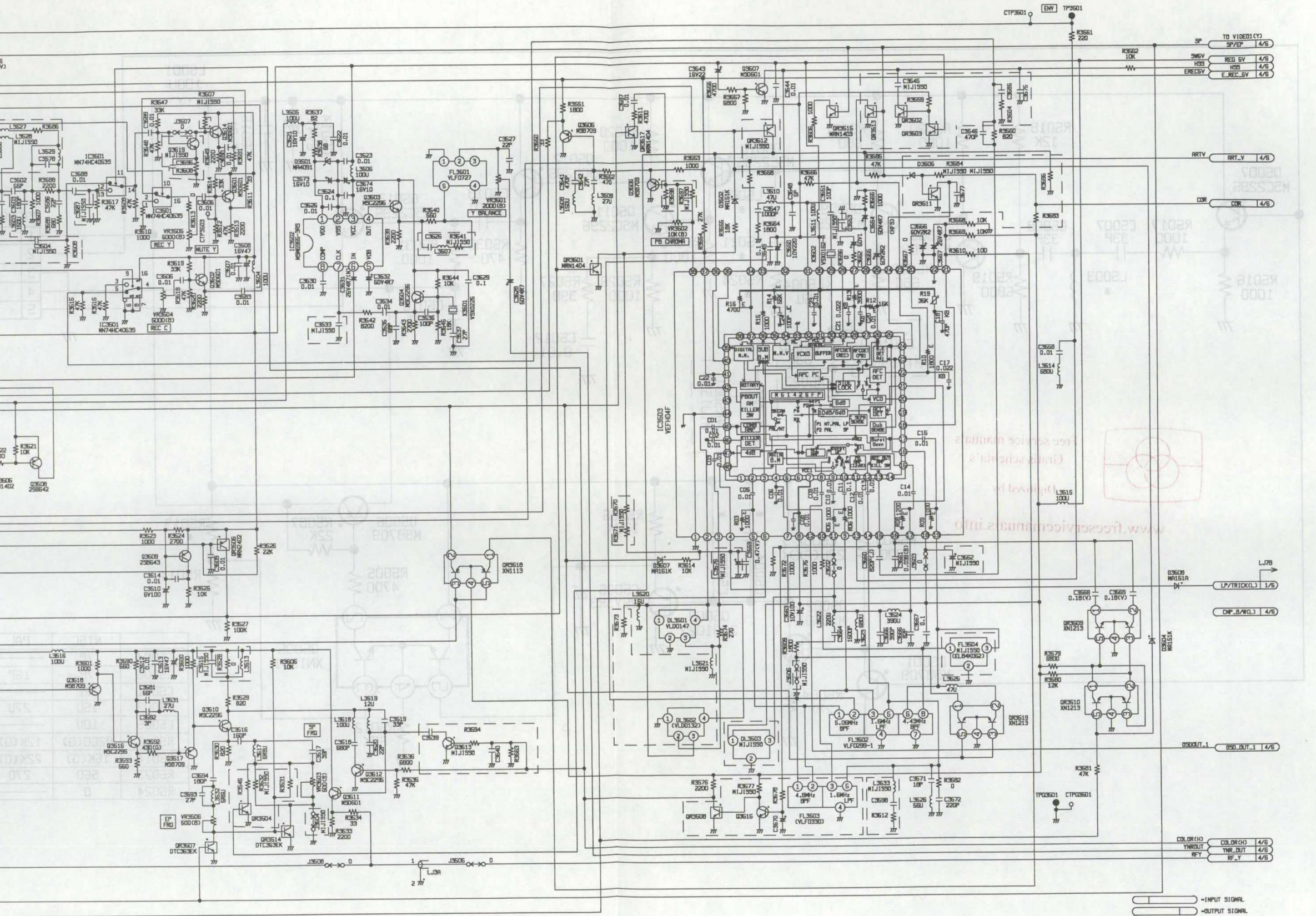
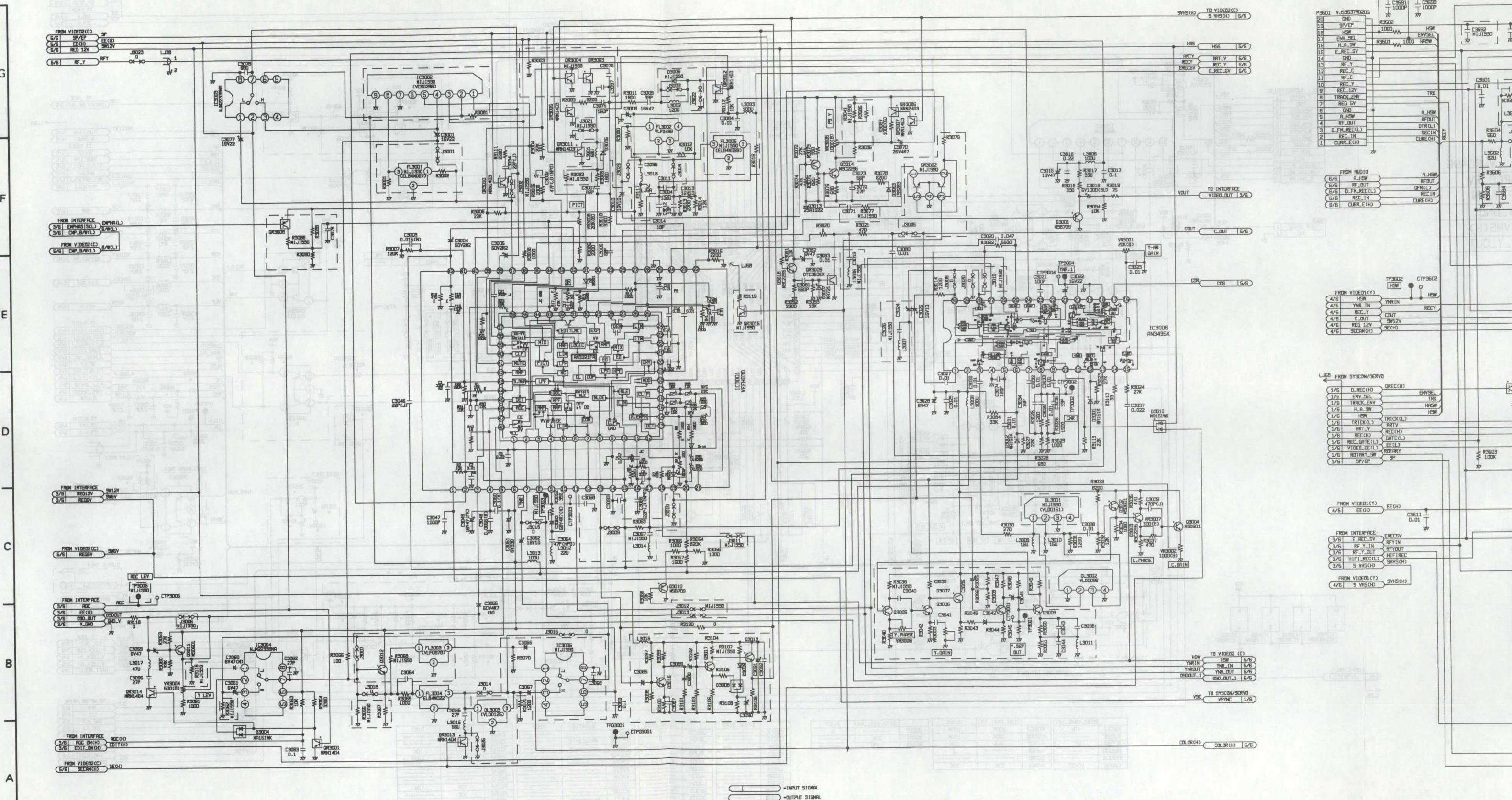


(FOIL SIDE)

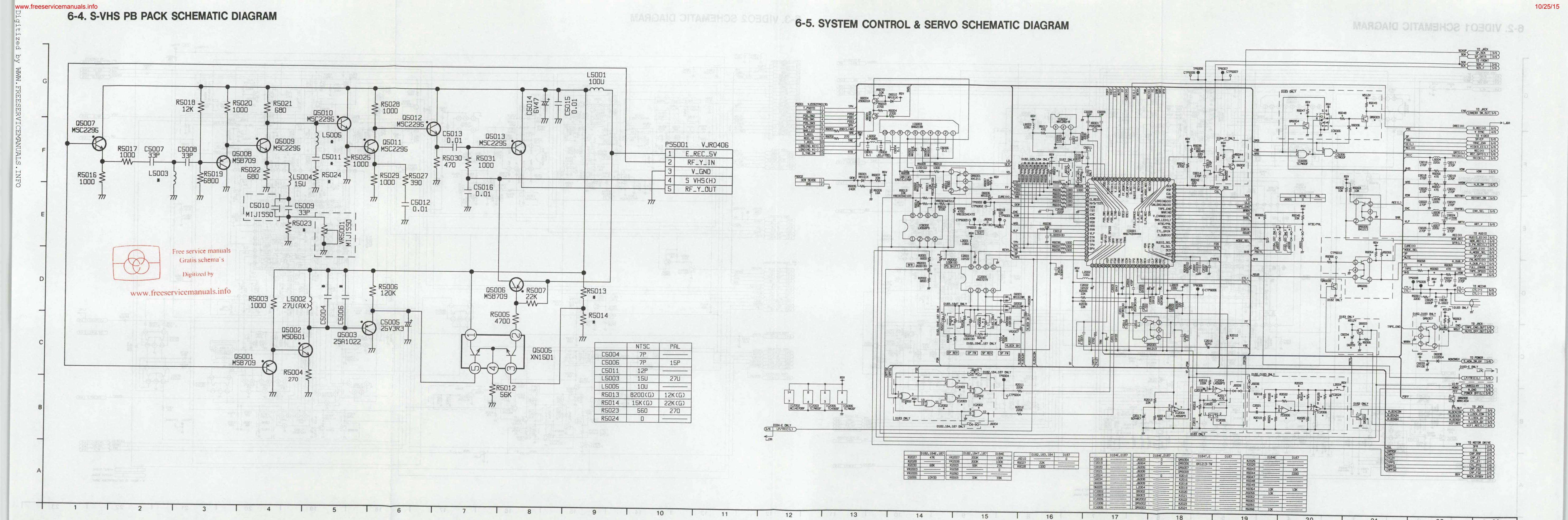
MAIN(VEP06915E)		
COMPONENT SIDE		FOIL SIDE
TRANSISTOR	TP4006	I-1
Q3011	H-4	Q3001
Q3013	D-4	Q3002
Q3014	D-4	Q3003
Q3015	C-5	Q3004
Q3508	G-2	Q3005
Q3509	F-2	Q3006
Q3510	G-3	Q3007
Q3512	F-3	Q3008
Q6002	A-8	Q3009
Q6101	G-2	Q3010
TP6101	F-2	Q3012
TP6102	H-1	Q3016
TP6103	H-1	Q3017
TP6104	C-1	Q3018
TP6106	H-4	Q3501
TPG3001	H-6	Q3502
TPG3501	C-6	Q3503
CONNECTOR	P2301	F-2
P2302	C-2	Q3504
P2303	G-1	Q3505
QR2001	B-5	Q3506
QR3001	G-4	Q3507
QR3002	E-4	Q3511
QR3005	C-5	Q3513
QR3006	E-4	Q3514
QR3007	E-4	Q3515
QR3009	C-6	Q3516
QR3013	F-4	Q3517
QR3014	G-4	Q3518
QR3015	C-5	Q6001
QR3507	F-3	Q6004
QR3510	D-7	
QR3511	D-7	
QR3512	E-8	
QR3513	E-8	
QR3514	D-8	
QR3515	D-8	
QR3516	H-1	
QR3517	C-3	
QR3518	A-7	
QR6002	A-8	
QR6005	A-8	
QR6006	A-8	
INTEGRATED CIRCUITS	IC2001	A-3
IC2004	A-4	
IC2302	A-2	
IC2303	B-1	
IC2304	A-2	
IC2305	B-2	
IC2306	B-2	
IC3001	F-6	
IC3002	E-5	
IC3003	D-6	
IC3004	G-5	
IC3005	G-4	
IC3006	F-6	
IC3501	D-3	
IC3502	C-8	
IC3503	E-8	
IC4001	J-2	
IC4002	J-1	
IC6001	A-6	
IC6003	C-4	
IC6004	B-7	
IC6006	A-8	
ADJUSTMENT	VR2301	A-1
VR2302	A-1	
VR3003	D-5	
VR3004	D-5	
VR3008	C-5	
VR3010	D-6	
VR3011	D-4	
VR3012	D-4	
VR3501	D-8	
VR3502	D-7	
VR3503	D-7	
VR3504	F-3	
VR3505	G-2	
VR3506	G-2	
VR3507	D-3	
VR3508	E-7	
VR3509	D-7	
VR3511	C-7	
VR3512	D-8	
VR3513	D-7	
VR3514	F-3	
VR3515	D-3	
VR3516	F-8	
VR3517	B-1	
VR3518	G-3	
VR3519	D-3	
VR6001	C-2	
VR6004	D-2	
TESTPOINT	TP3001	H-8
TP3002	F-6	
TP3003	G-5	
TP3004	F-4	
TP3005	H-2	
TP4001	C-7	
TP4002	F-3	
TP4003	I-1	
TP4004	I-2	
TP4005	H-3	
TP4006	I-3	
INTEGRATED CIRCUITS	IC6002	B-3

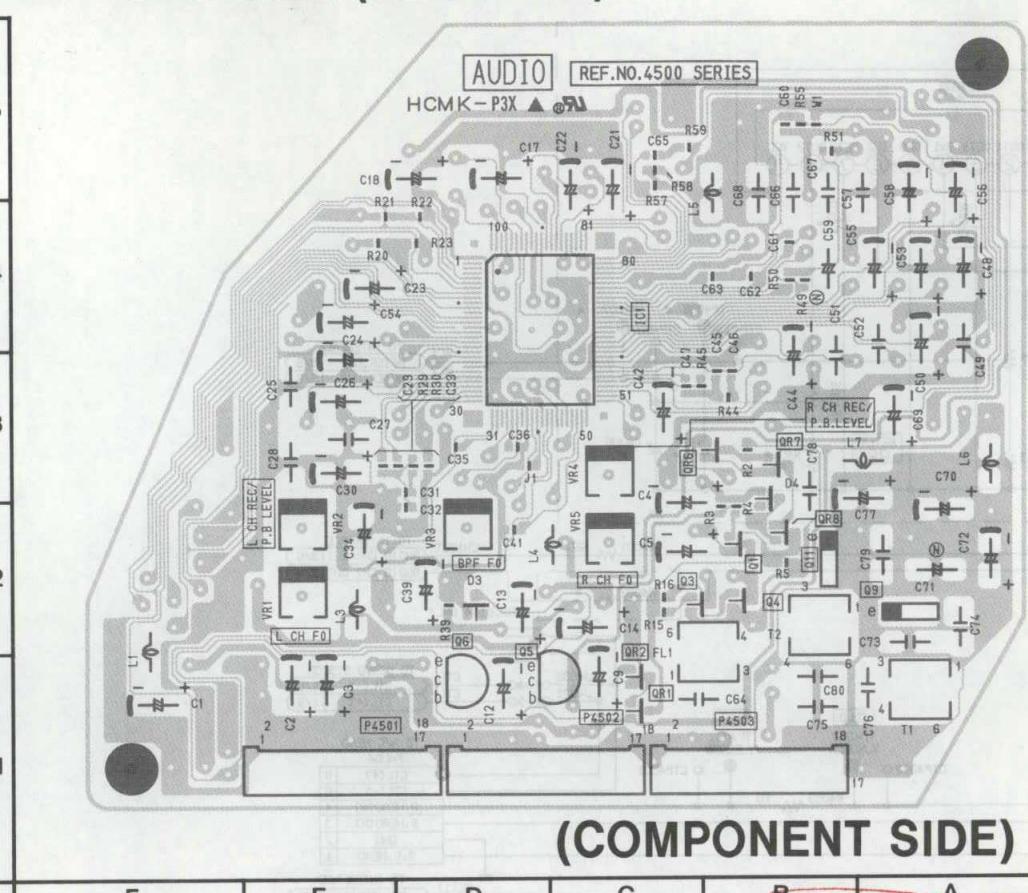
ADDRESS INFORMATION

6-2. VIDEO1 SCHEMATIC DIAGRAM

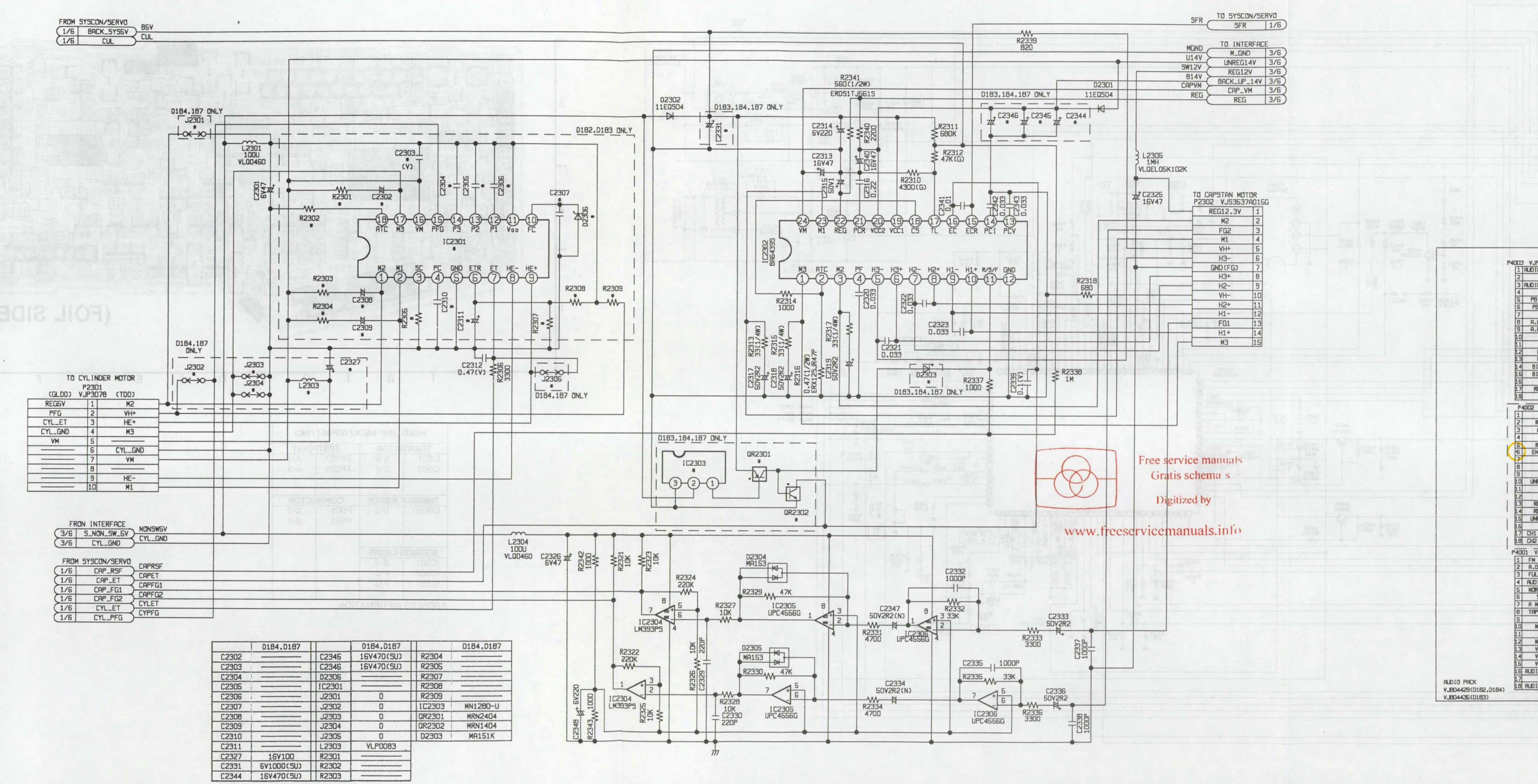


6-4. S-VHS PB PACK SCHEMATIC DIAGRAM

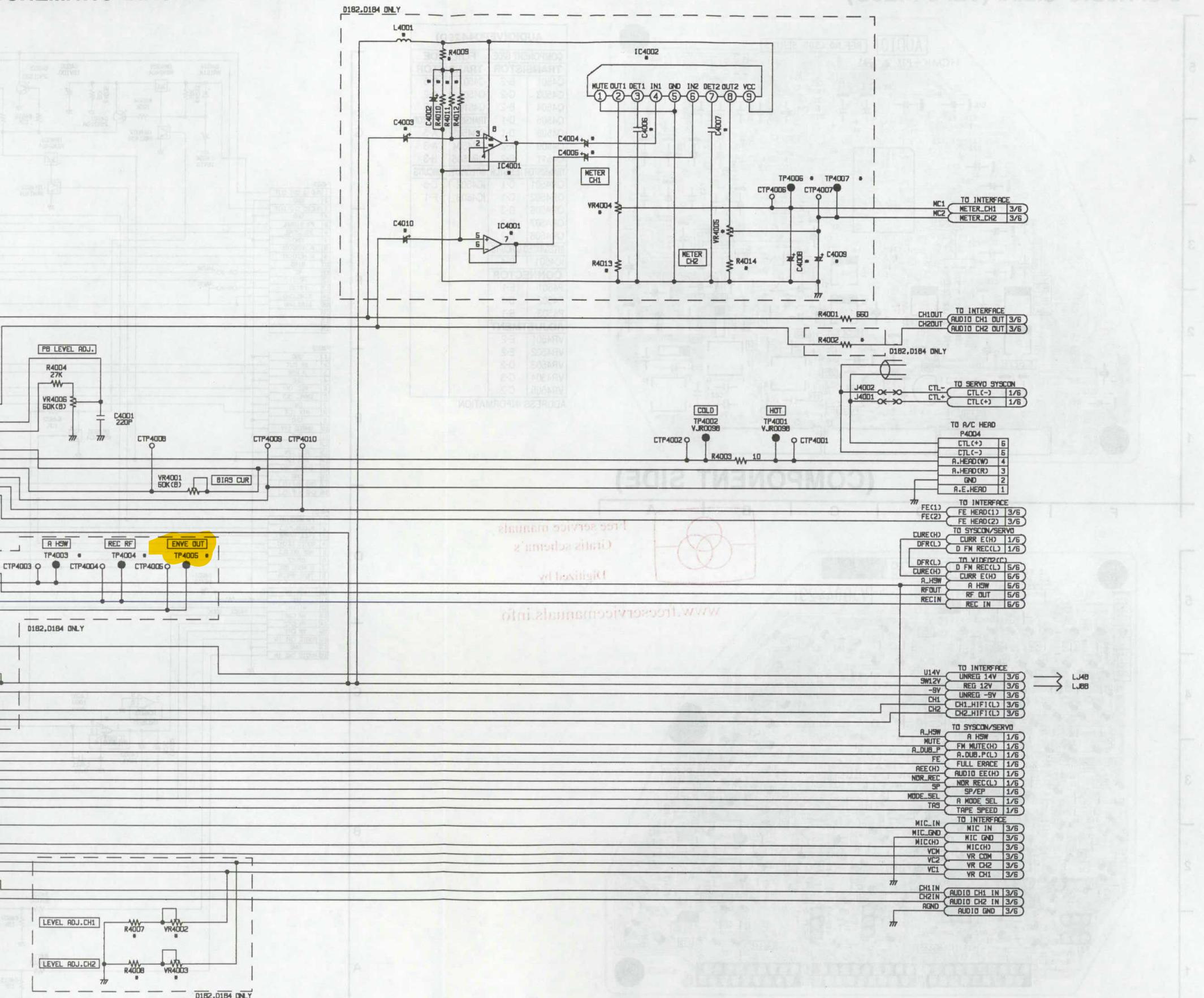


6-8. AUDIO C.B.A. (VEP04429D)

6-6. MOTOR DRIVE SCHEMATIC DIAGRAM

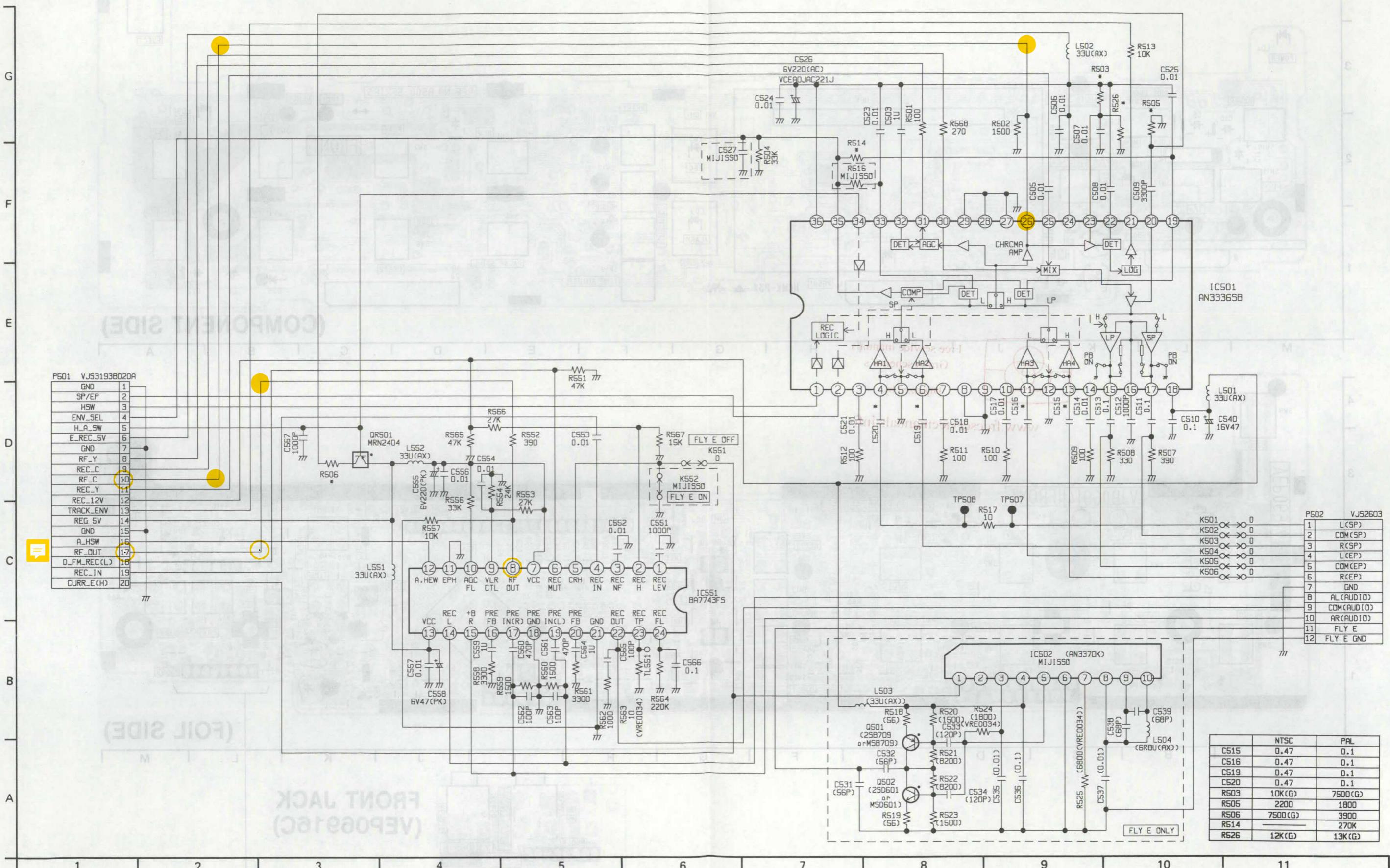


6-7. AUDIO MAIN SCHEMATIC DIAGRAM



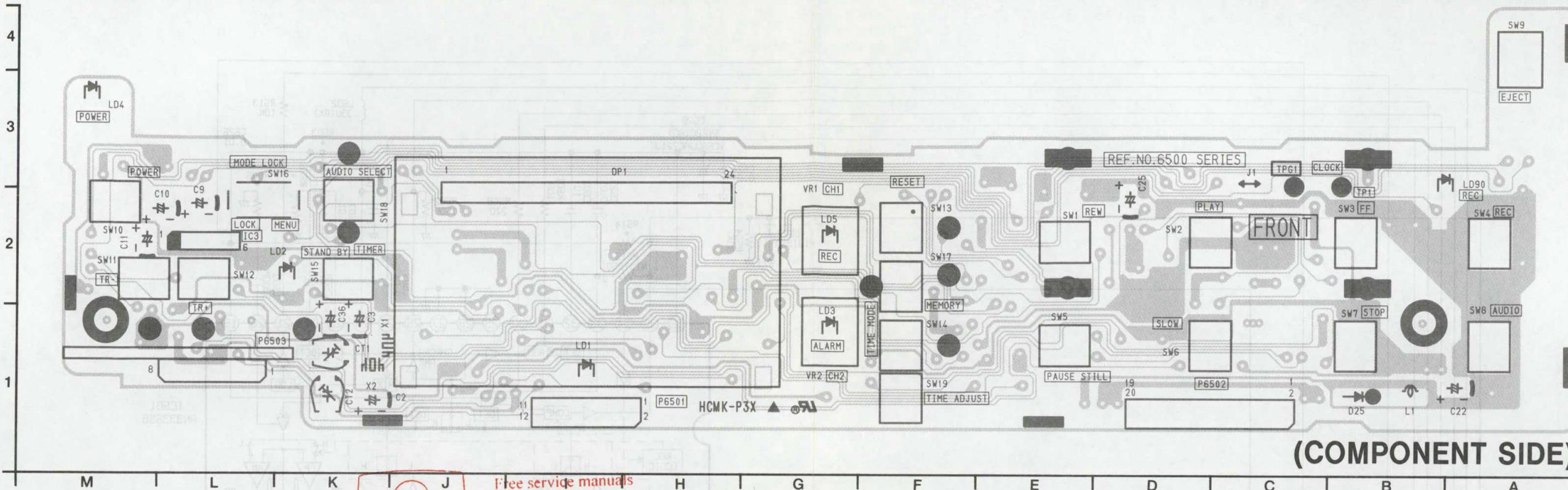
6-11. HEAD AMP PACK SCHEMATIC DIAGRAM

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6-12. FRONT C.B.A. (VEP06914E)

6-11. HEAD AMP PACK SCHEMATIC DIAGRAM



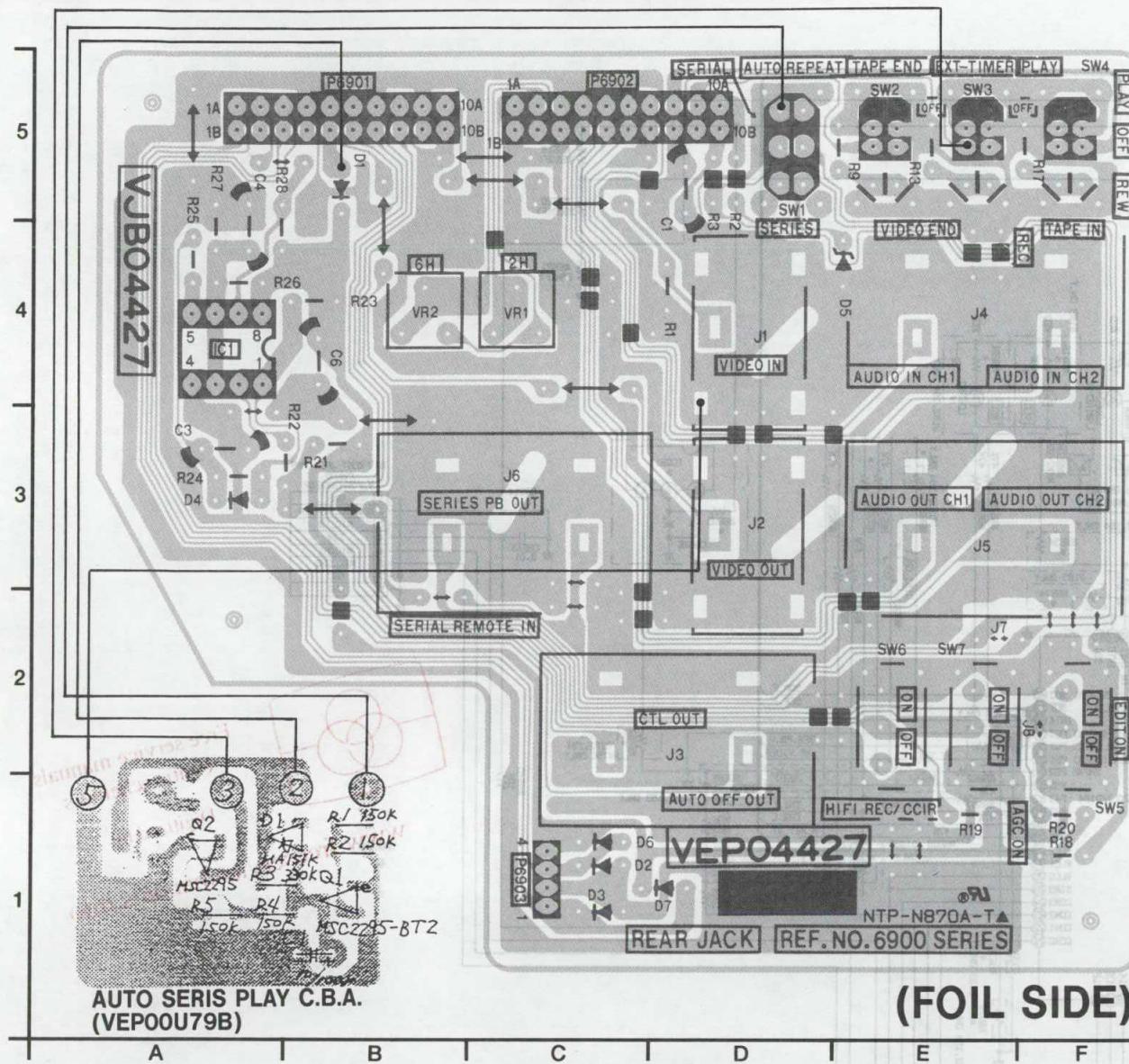
6-13. FRONT & FRONT JACK SCHEMATIC DIAGRAM

6-12. REAR JACK SCHEMATIC DIAGRAM

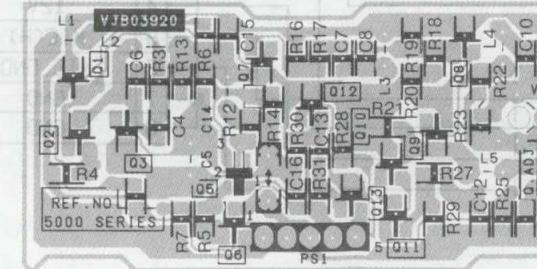
6-14. REAR JACK CBA (VER144SD)

FRONT(VEP06914E)			
COMPONENT SIDE	FOIL SIDE		
INTEGRATED CIRCUITS	TRANSISTOR RESISTOR		
IC6503 L-2	QR6503 M-3		
TP6501 C-3	QR6504 G-2		
TPG6501 C-3	IC6501 I-2		
CONNECTOR	IC6505 K-1		
P6501 I-1	IC6510 J-2		
P6502 D-1			
P6503 L-1			
ADJUSTMENT			
VR6501 G-2			
VR6502 G-1			
SWITCH			
SW6501 E-2			
SW6502 D-2			
SW6503 B-2			
SW6504 A-2			
SW6505 E-1			
SW6506 D-1			
SW6507 B-1			
SW6508 A-1			
SW6509 A-4			
SW6510 M-2			
SW6511 M-2			
SW6512 F-2			
SW6513 F-1			
SW6514 L-3			
SW6515 F-2			
SW6516 K-2			
ADDRESS INFORMATION			
D183-T	D183-P	D183-E	D184-E
CB605	35P	35P	100P
CB606	35P	35P	35P
CB622 10V33	10V33	10V33	5V220
CB626	270P	270P	270P
CB631	270P	270P	270P
CB635	270P	270P	270P
CB661	10K	10K	10K
CT6501	30P	30P	30P
CT6502	30P	30P	30P
D6502	MR151A	MR151A	MR153-TW
D6527	MR151A	MR151A	MR153-TW
DP6501	ED0063/T84P	ED0063/T84P	ED0063/T84P
DP6501	ED0063/T84P	ED0063/T84P	ED0063/T84P
IC6501	UP0753200079	UP0753200079	UP0753200079
IC6501	MR1362-KTW	MR1362-KTW	MR1362-KTW
LD6502	LNB1RCPHL	LNB1RCPHL	LNB1RCPHL
LD6503	LNB1RCPHL	LNB1RCPHL	LNB1RCPHL
LD6504	LNB1RCPHL	LNB1RCPHL	LNB1RCPHL
LD6505	LNB1RCPHL	LNB1RCPHL	LNB1RCPHL
LD6506	MR2402TE85R	MR2402TE85R	MR2402TE85R
RD6501	MR2402TE85R	MR2402TE85R	MR2402TE85R
RD6502	MR2402TE85R	MR2402TE85R	MR2402TE85R
D183-T	D183-P	D183-E	D184-E
IC6505	MR1362-HTX	MR1362-HTX	MR1362-HTX
R6506	0	0	0
R6507	470	470	470
R6508	0	0	0
R6509	10K	10K	10K
R6510	10K	10K	10K
R6511	10K	10K	10K
R6512	10K	10K	10K
R6513	10K	10K	10K
R6514	10K	10K	10K
R6515	10K	10K	10K
R6516	10K	10K	10K
R6517	10K	10K	10K
R6518	10K	10K	10K
R6519	10K	10K	10K
R6520	10K	10K	10K
R6521	10K	10K	10K
R6522	10K	10K	10K
R6523	10K	10K	10K
R6524	10K	10K	10K
R6525	10K	10K	10K
R6526	10K	10K	10K
R6527	10K	10K	10K
R6528	10K	10K	10K
R6529	10K	10K	10K
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R6531	10K	10K	10K
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R6546	10K	10K	10K
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R6582	10K	10K	10K
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R6610	10K	10K	10K
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R6614	10K	10K	10K
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R6616	10K	10K	10K
R6617	10K	10K	10K
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R6620	10K	10K	10K
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R6625	10K	10K	10K
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R6633	10K	10K	10K
R6634	10K	10K	10K
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R6637	10K	10K	10K
R6638	10K	10K	10K
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R6641	10K	10K	10K
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R6643	10K	10K	10K
R6644	10K	10K	10K
R6645	10K	10K	10K
R6646	10K	10K	10K
R6647	10K	10K	10K
R6648	10K	10K	10K
R6649	10K	10K	10K
R6650	10K	10K	10K
R6651	10K	10K	10K
R6652	10K		

6-14. REAR JACK C.B.A. (VEP14427D)

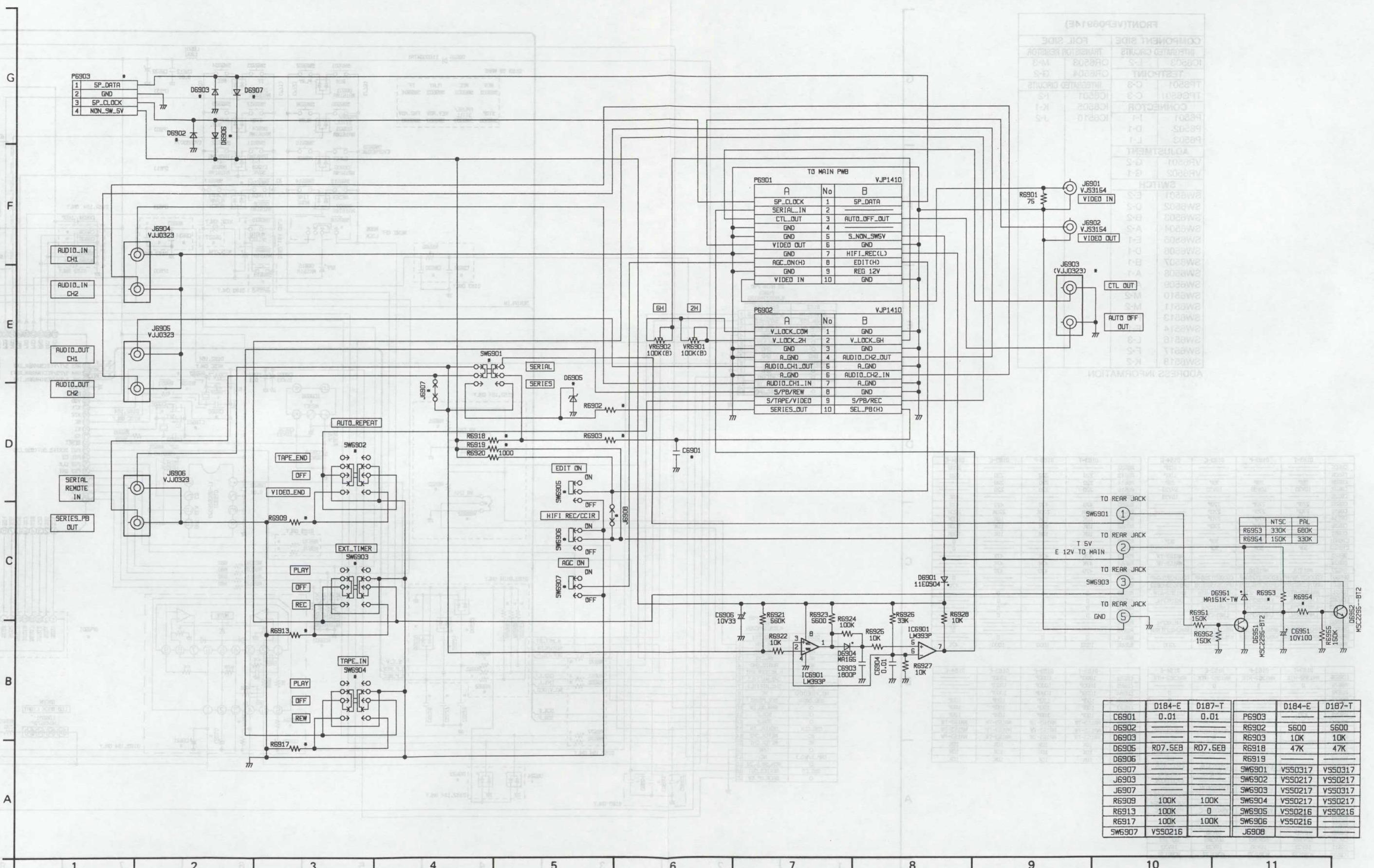


S-VHS PB C.B.A. (VEP03920C)

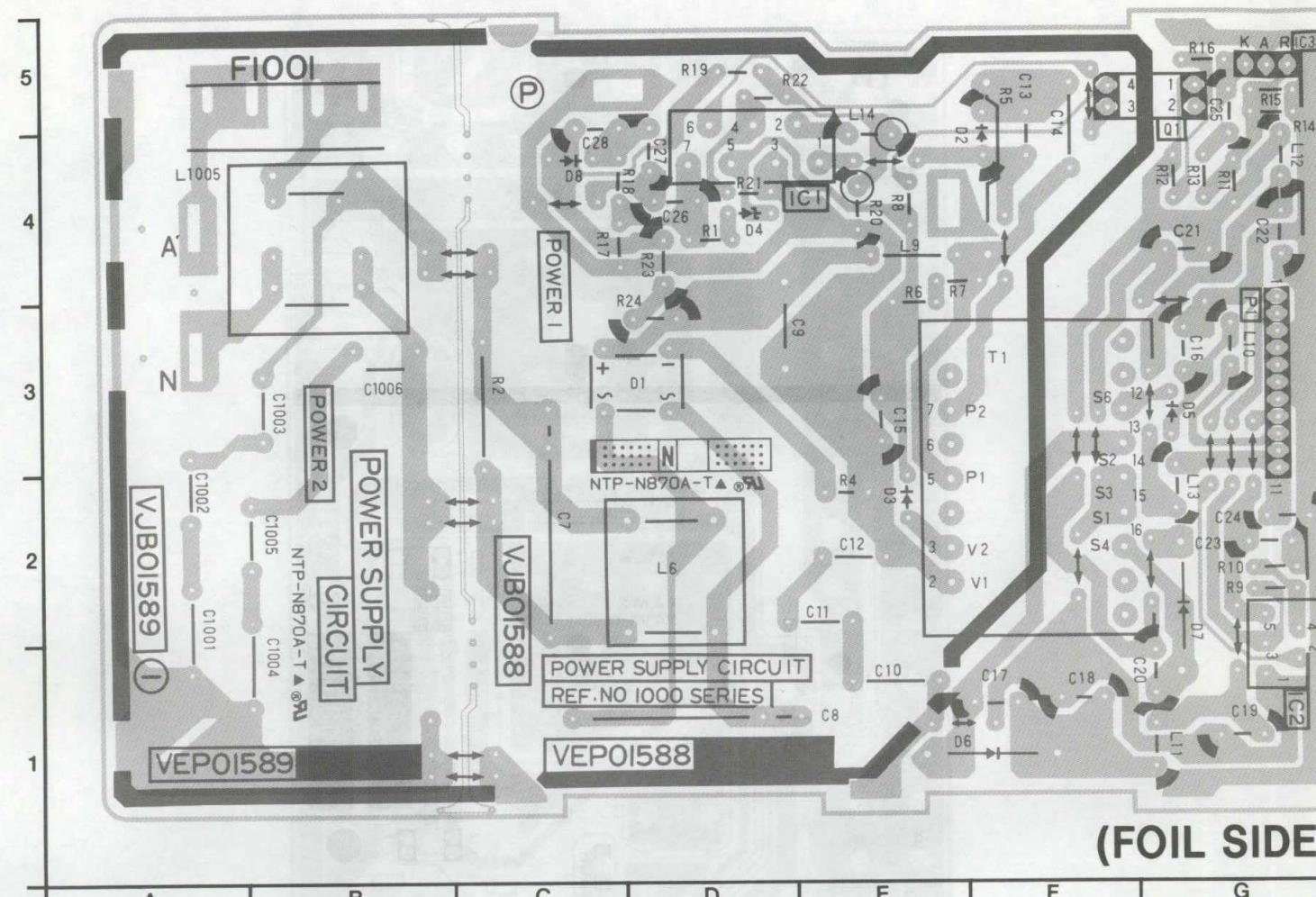


REAR JACK(VEP00427D)	
FOIL SIDE	
INTEGRATED CIRCUITS	SWITCH
IC6901 A-4	SW6901 D-5 SW6902 E-5 SW6903 E-5 SW6904 F-5 SW6905 F-2 SW6907 E-2
CONNECTOR	
P6901 B-5 P6902 C-5 P6903 C-1	
ADJUSTMENT	
VR6901 C-4 VR6902 B-4	
ADDRESS INFORMATION	

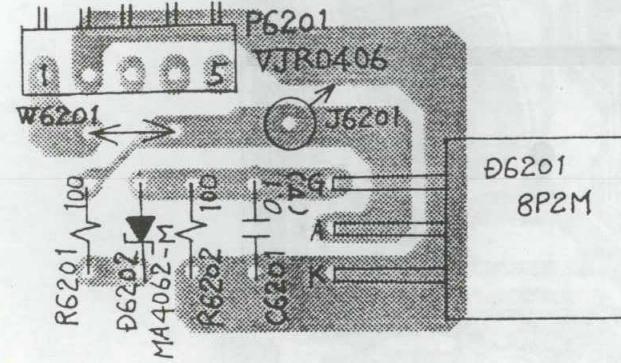
6-15. REAR JACK SCHEMATIC DIAGRAM



6-16. POWER1 C.B.A. (VEPO1588B) POWER2 C.B.A. (VEPO1589A)

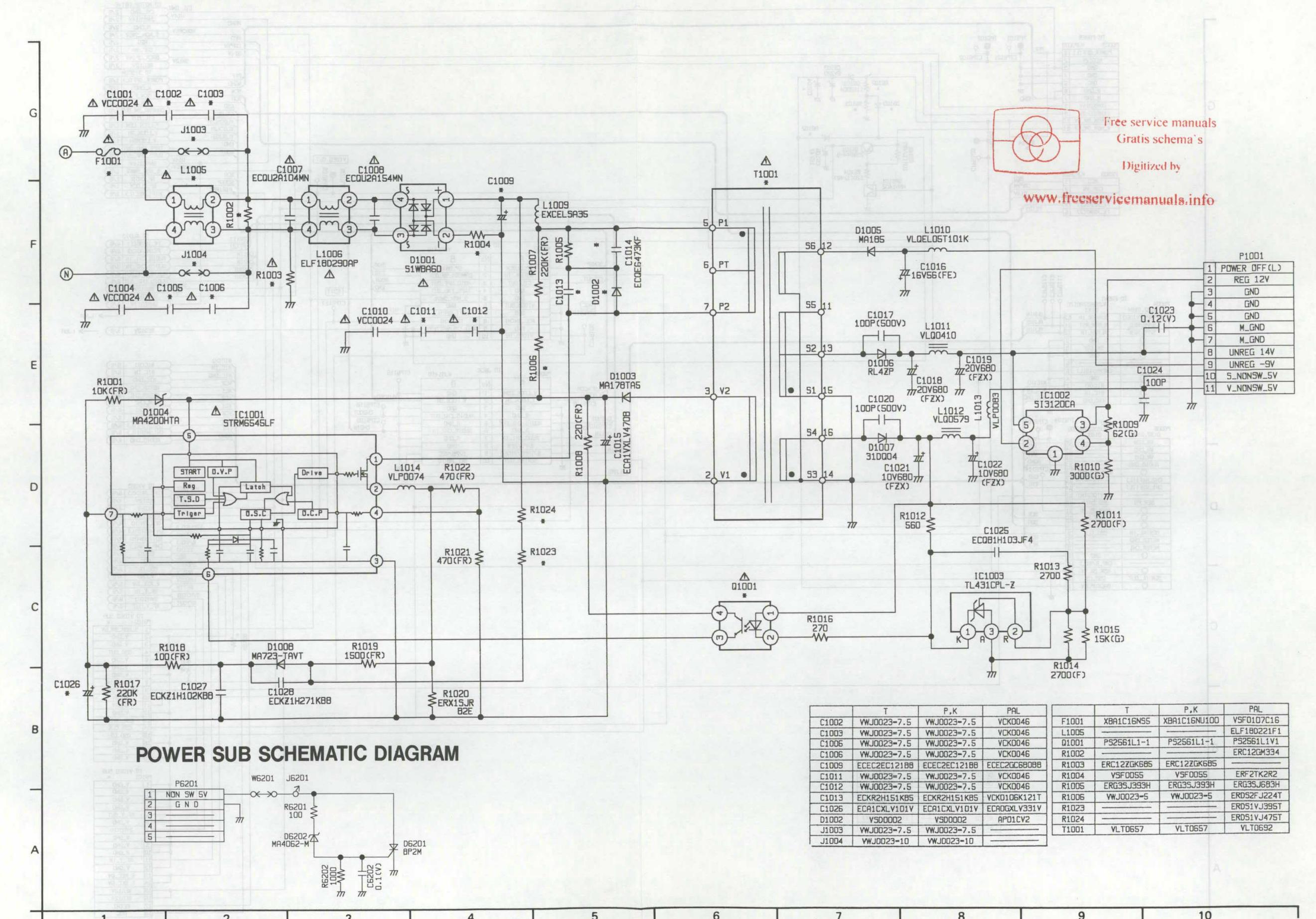


POWER SUB C.B.A. (VEPO1588A)

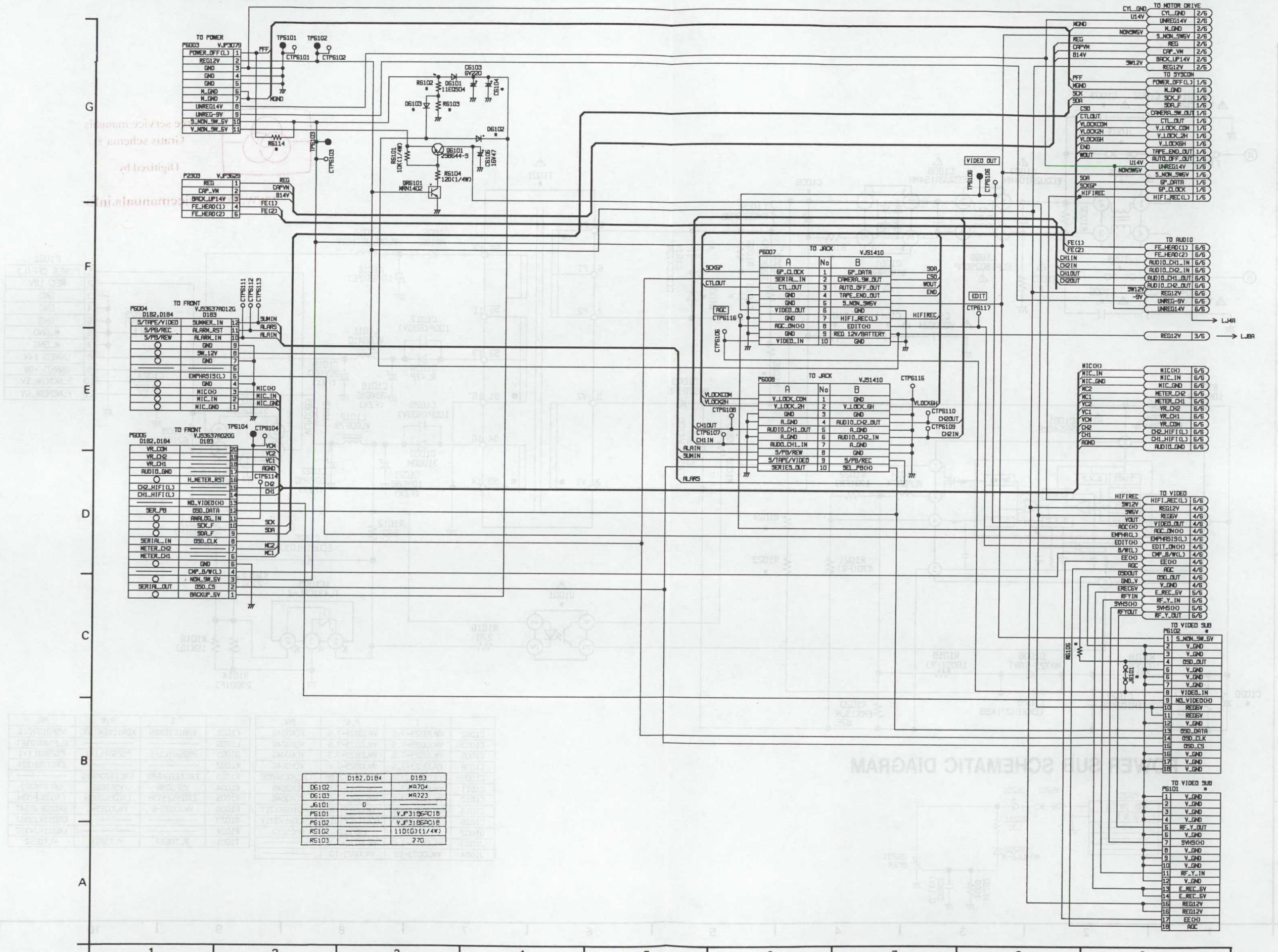


POWER 1(VEPO1588B) POWER 2(VEPO1589A)	
FOIL SIDE TRANSISTOR	
Q1001	G-5
INTEGRATED CIRCUITS	
IC1001	D-4
IC1002	G-1
IC1003	G-5
CONNECTOR	
P1001	G-3
ADDRESS INFORMATION	

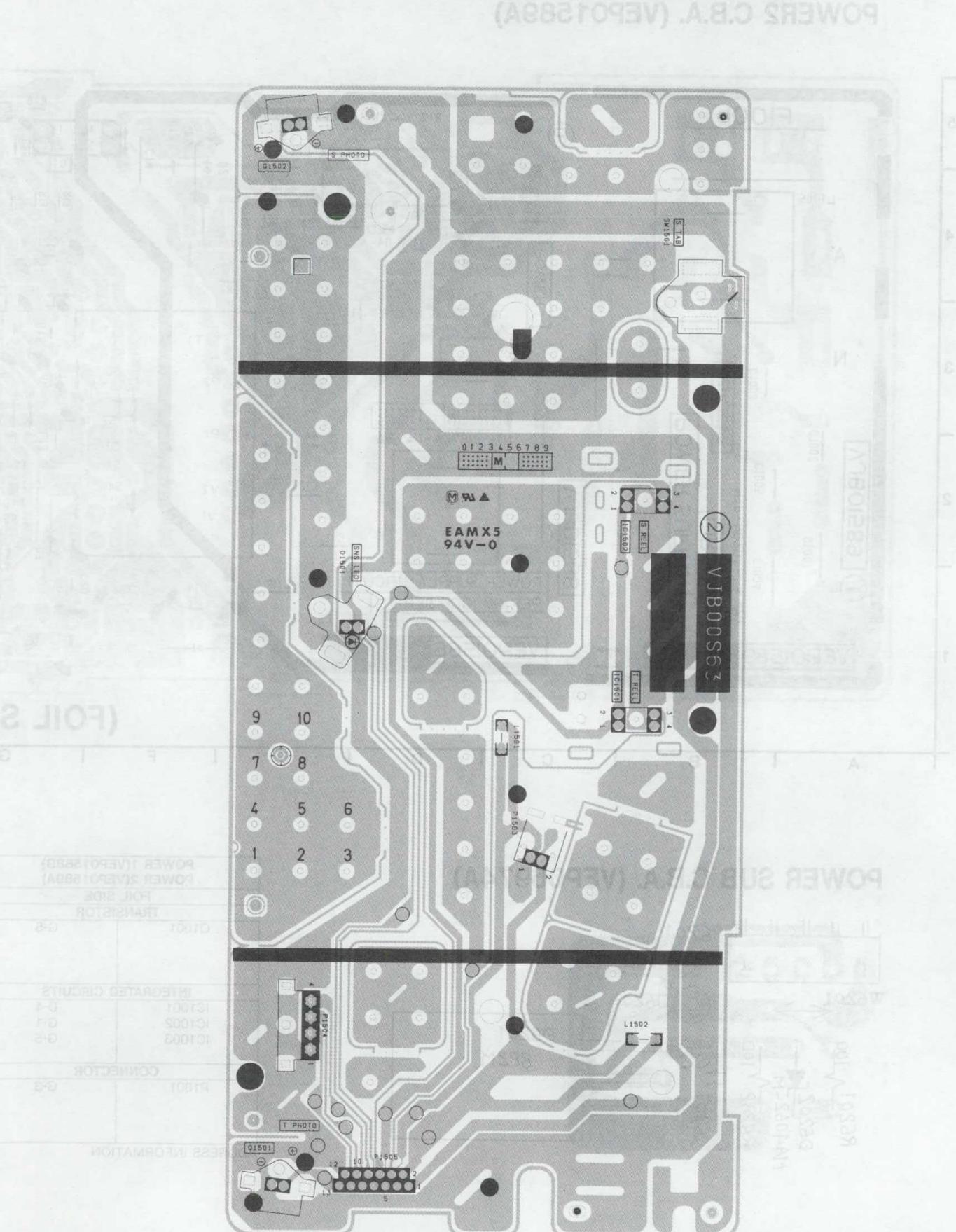
6-17. POWER SCHEMATIC DIAGRAM



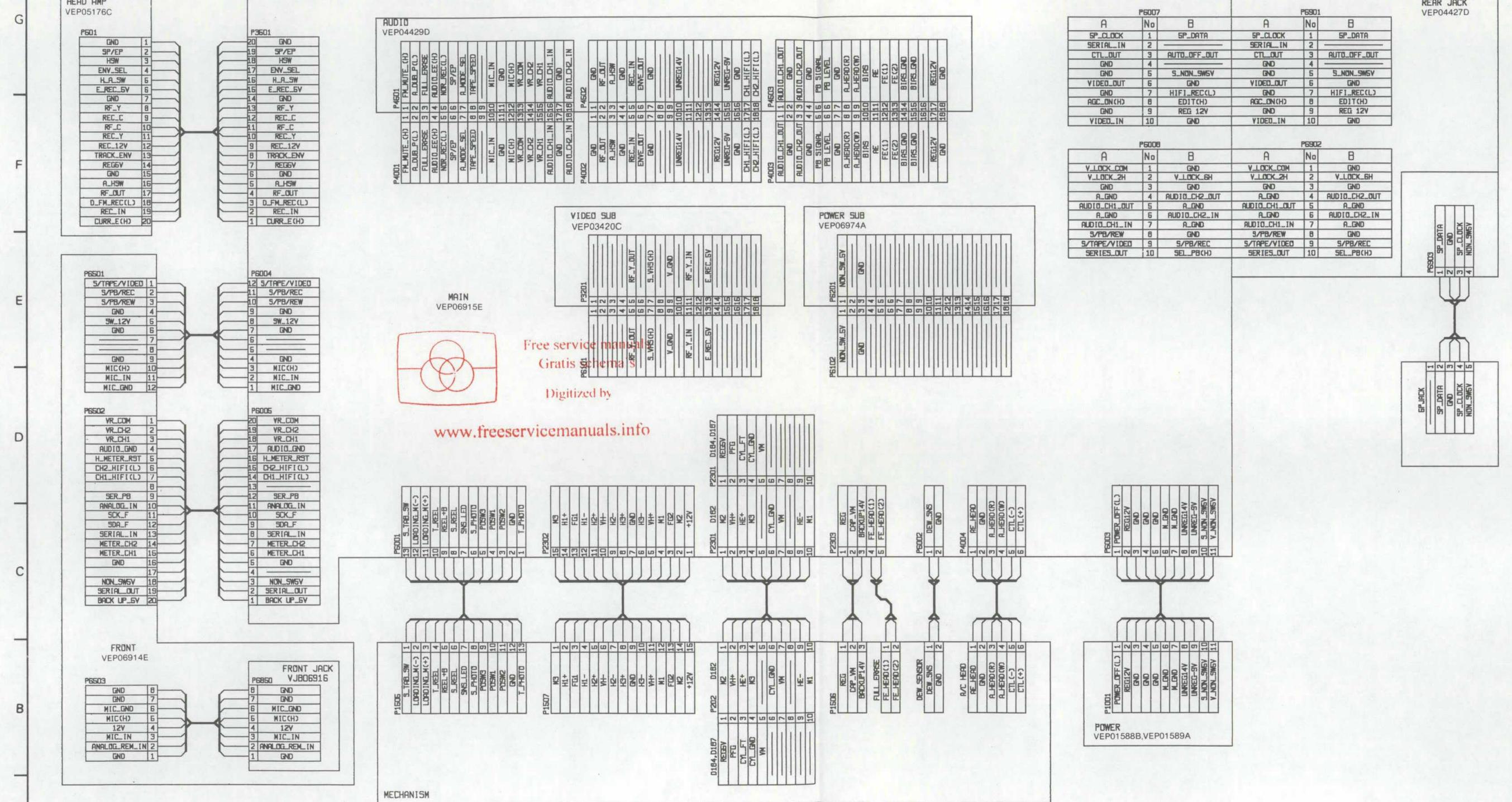
6-18. INTERFACE SCHEMATIC DIAGRAM



-19. MECHA CONNECTION C.B.A. (VEPOOS63)



INTER CONNECTION SCHEMATIC DIAGRAM

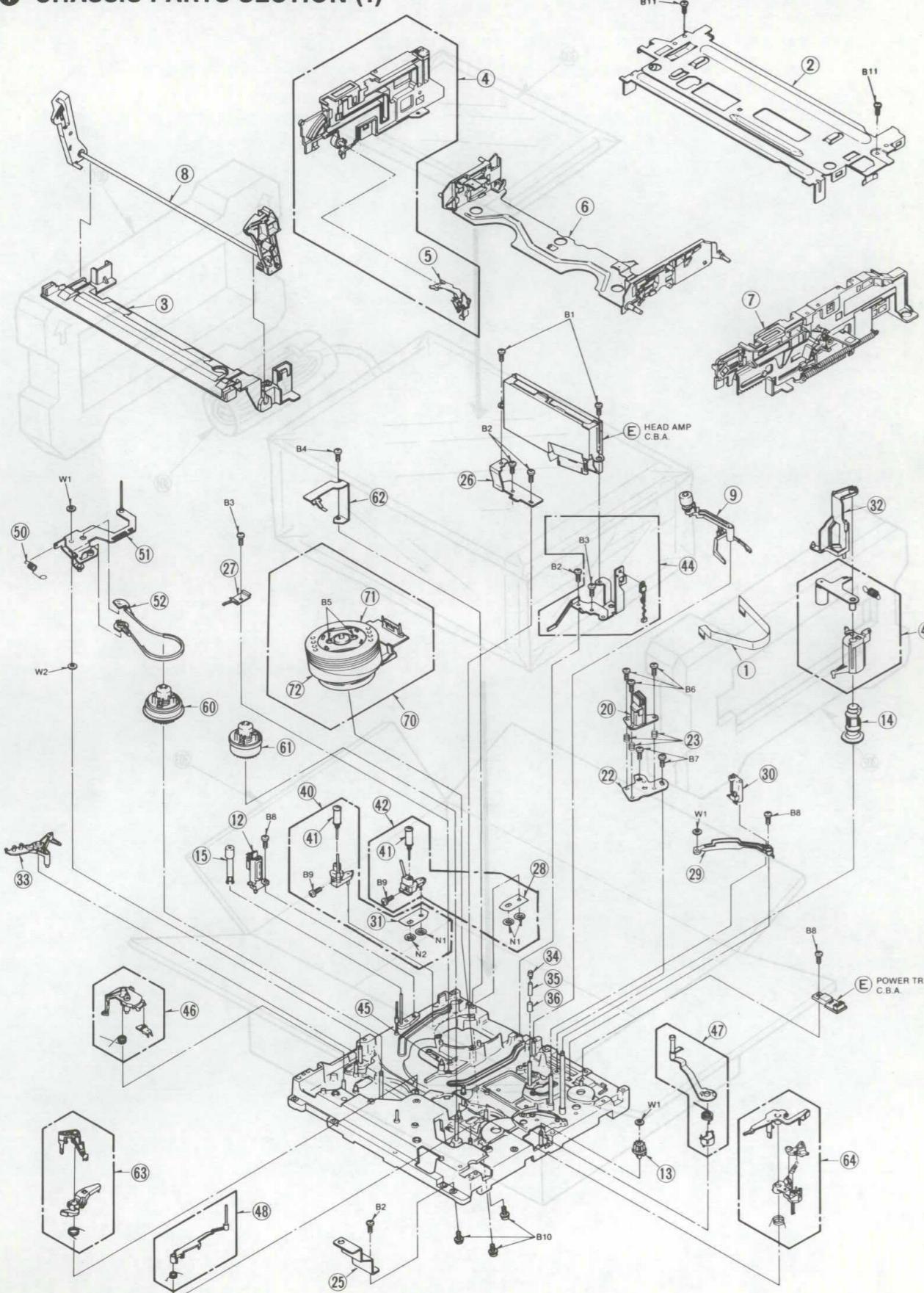


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LIST

EXPLODED VIEW & MECHANICAL REPLACEMENT PARTS LIST

① CHASSIS PARTS SECTION

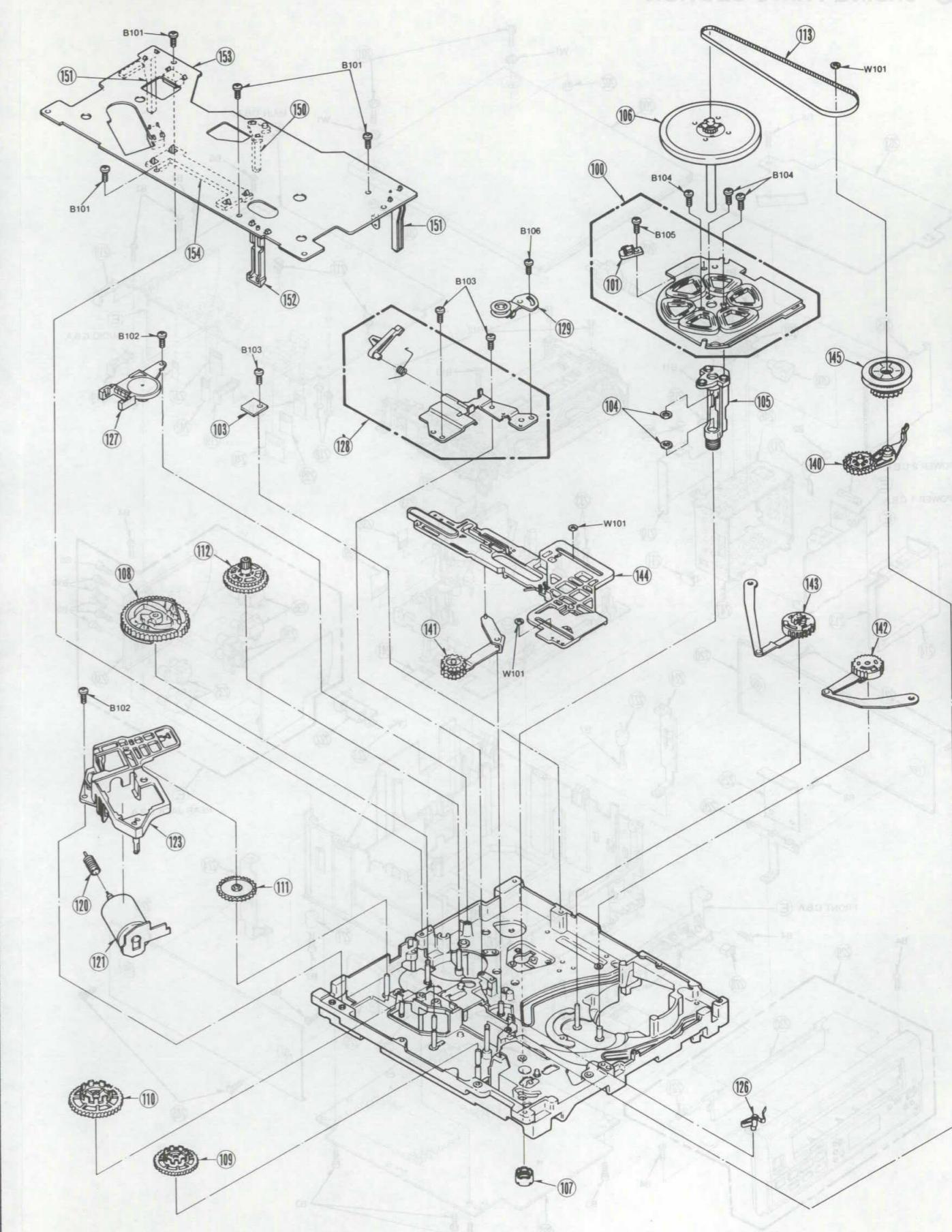


PARTS

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
1(1)	VWJ0653	FLEXIBLE CABLE (6P)	1		100(2)	VEK5927	STATOR UNIT	1	
2(1)	VMA8644	TOP PLATE	1		101(2)	VBK0061	FG HEAD	1	
3(1)	VMA8787	CASSETTE GUIDE	1		103(2)	VMA8765	ROTOR STOPPER	1	
4(1)	VXA4660	SIDE PLATE (L) UNIT	1		104(2)	VMX1927	OIL SEAL	2	
5(1)	VXL2250	OPENER LEVER UNIT	1		105(2)	VXD0140	HOUSING UNIT	1	
6(1)	VXA4661	CASSETTE HOLDER PLATE UNIT	1		106(2)	VXP1471	ROTOR UNIT	1	
7(1)	VXA4806	SIDE PLATE (R) UNIT	1		107(2)	VXQ0297	THRUST SCREW UNIT	1	
8(1)	VXP1339	MAIN SHAFT UNIT	1		108(2)	VDG0913	MAIN CAM GEAR	1	
9(1)	VXL2251	CLEANER ARM UNIT	1		109(2)	VDG0861	SUPPLY REEL GEAR	1	
10(1)	VXP1366	CLEANER ROLLER UNIT	1		110(2)	VDG0862	TAKE UP REEL GEAR	1	
12(1)	VBS0050	FE HEAD	1		111(2)	VDG0868	WORM WHEEL GEAR	1	
13(1)	VDG0871	CARRIAGE CONNECTION GEAR	1		112(2)	VDG0885	SUB CAM GEAR	1	
14(1)	VDG0886	PINCH CAM GEAR	1		113(2)	VDV0235	TIMING BELT	1	
15(1)	VXP1402	IMPEDANCE ROLLER UNIT	1		120(2)	VDG0866	WORM GEAR	1	
20(1)	VED0205	A/C HEAD (1) UNIT	1		121(2)	VEM0427	LOADING MOTOR (1) UNIT	1	
22(1)	VMA8624	A/C HEAD BASE	1		123(2)	VMD1942	MOTOR BRACKET	1	
23(1)	VMB2515	A/C HEAD SPRING	3		126(2)	VM2725	IDLER CONTROL LEVER	1	
25(1)	VMA8761	MOUNT ANGLE	1		127(2)	VSS0365	MODE SW	1	
26(1)	VMA8763	HEAD AMP MOUNT ANGLE (L)	1		128(2)	VXA4797	SS BRAKE BASE UNIT	1	
27(1)	VMC0917	EARTH SPRING	1		129(2)	VXA4799	TENSION ROLLER UNIT	1	
28(1)	VMA8874	INCLIND BASE HOLDER (S)	1		140(2)	VXL2229	IDLER ARM UNIT	1	
29(1)	VMD2078	P5 STOPPER BASE	1		141(2)	VXL2230	DIRECT LEVER UNIT	1	
30(1)	VXA4927	P5 POST STOPPER	1		142(2)	VXL2299	SUPPLY LOADING ARM UNIT	1	
31(1)	VMA8873	INCLIND BASE HOLDER (T)	1		143(2)	VXL2300	TAKE UP LOADING ARM UNIT	1	
32(1)	VMD2101	OPENER PIECE	1		144(2)	VXL2307	MAIN LEVER UNIT	1	
33(1)	VML2776	TENSION SPRING ARM	1		145(2)	VXP1409	CENTRE CLUTCH	1	
34(1)	VMX1544	P4 UPPER LIMITER	1		150(2)	VMD1926	LED HOLDER	1	
35(1)	VMX2175	P4 SLEEVE	1		151(2)	VMD1927	PHOTO TRANSISTOR HOLDER	2	
36(1)	VMX2176	P4 LOWER LIMITER	1		152(2)	VES0695	SAFETY TAB SW	1	
40(1)	VXA4982KIT	INCLIND BASE (S) UNIT	1		153(2)	VJB00563	MECHANISM CONNECTION C.B.	1	ELECTRICAL PARTS ON THE C.B.A.IS LISTED ON ELECTRICAL PARTS LIST.
41(1)	VXP1415	ROLLER POST (S)	1		154(2)	VMD2029	REEL SHAFT GUIDE	1	
42(1)	VXA4984KIT	INCLIND BASE (T) UNIT	1						
44(1)	VXA4869	HEAD AMP MOUNT ANGLE (R) U.	1						
45(1)	VMS5383	CASSETTE POSITION FIXTURE	1						
46(1)	VXL2310	REVIEW ARM UNIT	1						
47(1)	VXL2306	P5 ARM UNIT	1						
48(1)	VXL2243	TAKE UP TENSION REGULATOR	1						
		ARM UNIT							
49(1)	VXL2246	PINCH ARM UNIT	1		B101	VHD0772	SCREW	4	
50(1)	VMB2434	TENSION SPRING	1		B102	XTV26+6F	SCREW	2	
51(1)	VXL2309	TENSION ARM (1) UNIT	1		B103	XTV26+6F	SCREW	3	
52(1)	VXZ0310	TENSION BAND UNIT	1		B104	VHD0753	SCREW	3	
60(1)	VXR0221	SUPPLY REEL TABLE UNIT	1		B105	VHD0754	SCREW	1	
61(1)	VXR0222	TAKE UP REEL TABLE UNIT	1		B106	XSB26+4FZ	SCREW	1	
62(1)	VXS0113	EARTH PLATE	1		W101	VMX2208	WASHER	3	
63(1)	VZX0312	SUPPLY BRAKE ARM UNIT	1						
64(1)	VZX0313	TAKE UP BRAKE ARM UNIT	1						
70(1)	VEG1027	CYLINDER UNIT	1						
71(1)	VEH0601	UPPER CYLINDER UNIT	1						
72(1)	VJR0082	RT TERMINAL	1						
B1	VHD0773	SCREW	2						
B2	XTV26+6F	SCREW	4						
B3	XTV26+4F	SCREW	2						
B4	XTN3+6FFZ	SCREW	1						
B5	VHD0425	SCREW	2						
B6	VHD0762	SCREW	3						
B7	XTV26+6FZ	SCREW	2						
B8	XTV26+8F	SCREW	3						
B9	VHD0760	SCREW	2						
B10	VHD0342	SCREW	3						
N1	VHN0192	NUT	3						
N2	VHN0193	NUT	1						
W1	VMX2208	WASHER	3						
W2	XWGV26D5G	WASHER	1						

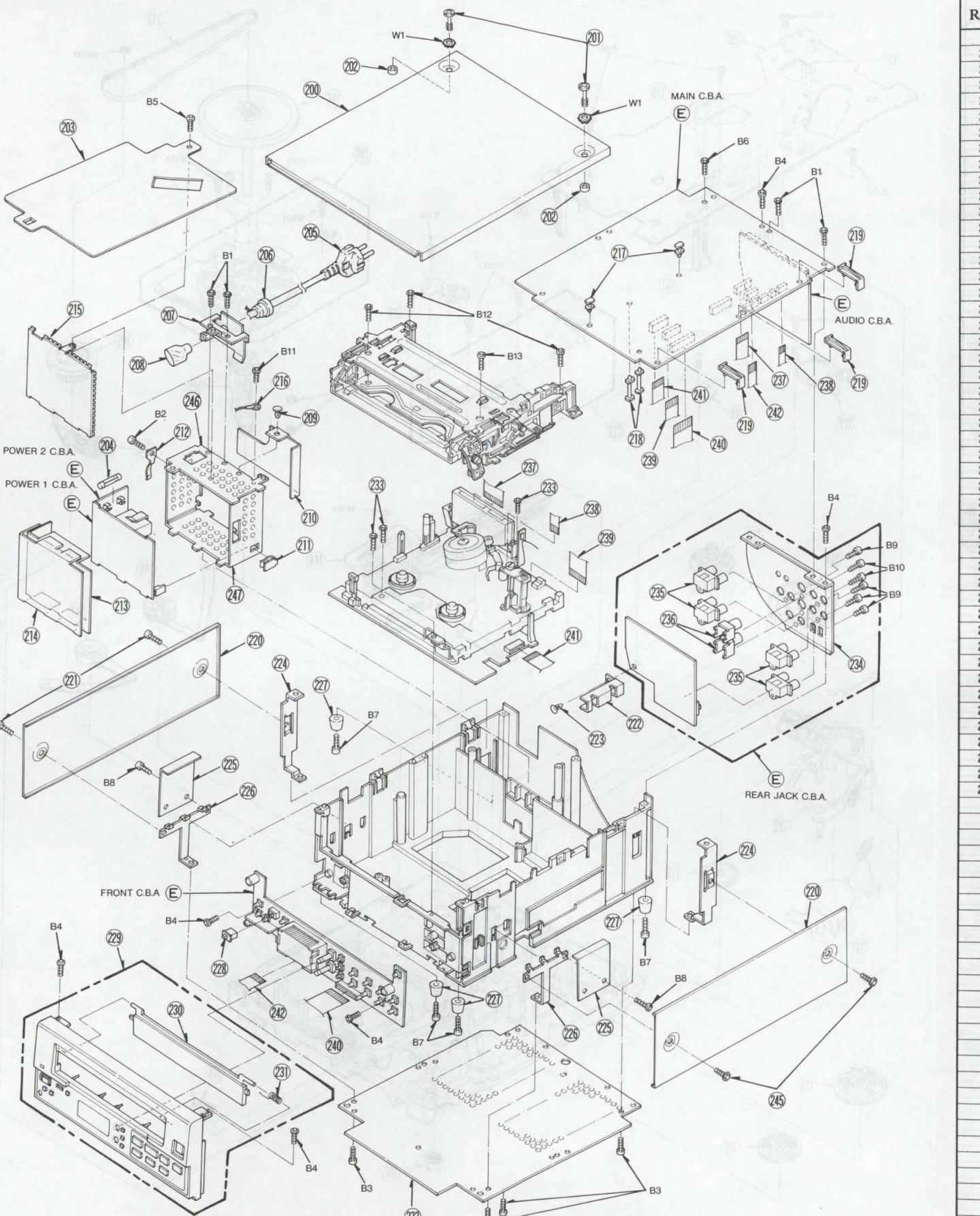
PARTS—

② CHASSIS PARTS SECTION (2)



ARTS—3

③ CASING PARTS SECTION

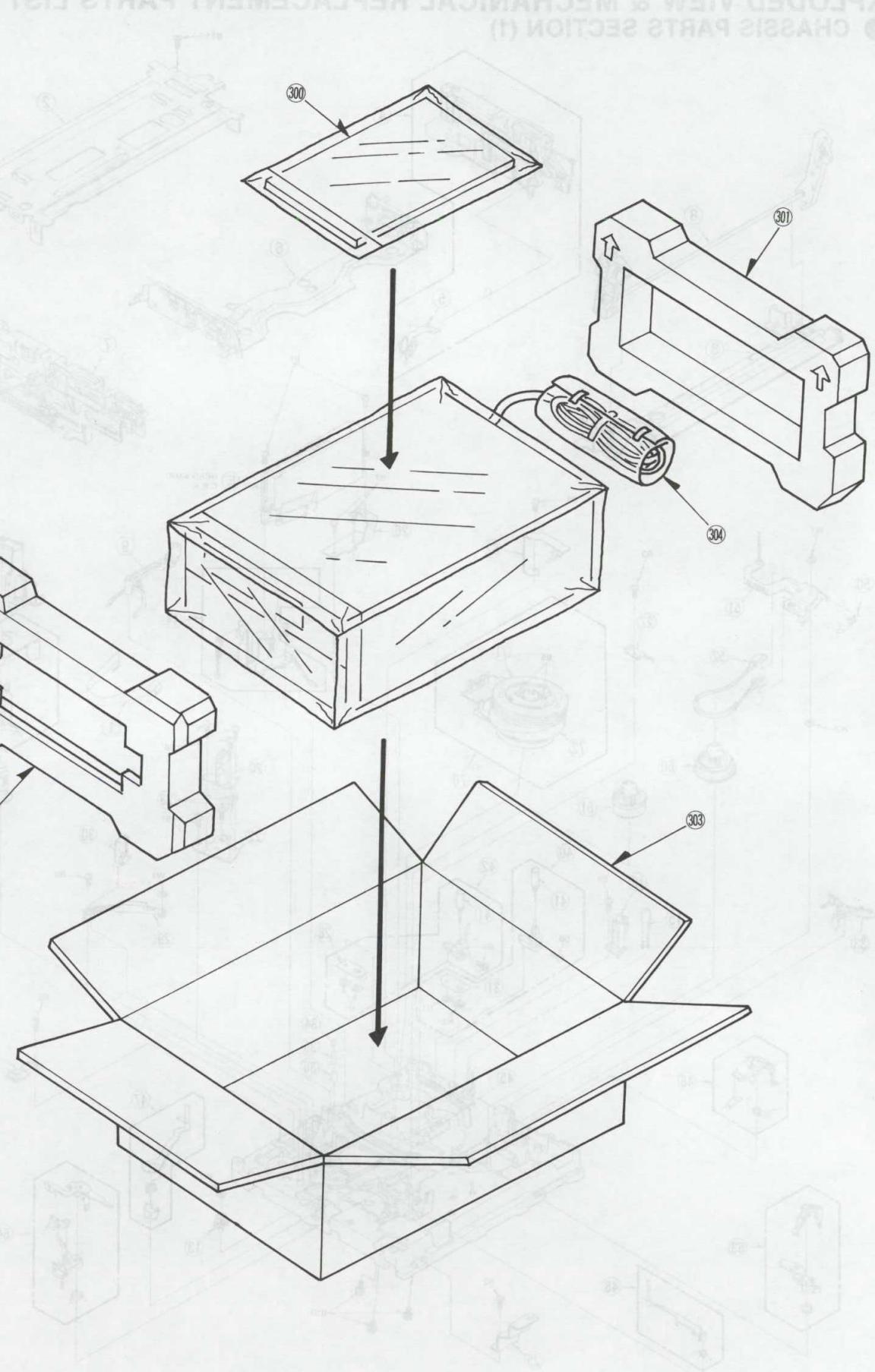


PARTS—4

Part No.	Part Name & Description	Pcs	Remarks	Ref.No.
VGM1045	TOP PANEL	1		300(4)
VHD0222	SCREW	2		300(4)
VMX2248	SPACER	2		301(4)
VSC4044	SHIELD SEAT (B)	1		302(4)
XBA2C16TH15	FUSE 1.6A/125V	1	<!>	303(4)
VJA0675	AC CORD	1	FOR AG-5260E<!>	303(4)
VJA0739	AC CORD	1	FOR AG-5260B<!>	304(4)
VMX0936	AC CORD BUSHING	1	<!>	
VMP4260	POWER PLATE	1		
VMX0237	AC CORD COVER	1	<!>	
VJF0649	RIVET	1		
VMZ2292	BARRIER	1		
VMC0357	TR HOLDER SPRING	1		
VMC0525	EARTH SPRING	1		
VMZ2243	BARRIER	1		
VSC3999	BARRIER	1		
VSC3959	SHIELD PLATE	1		
VJH12	EARTH TERMINAL	1		
VKC0295	SPACER	2		
VKC0422	SPACER	2		
VKC0421	HINGE	3		
VGM1046	SIDE PANEL (R)	1		
VHD0305	SCREW	4		
VJF1094	P.C.BOARD HOLDER	1		
VJF0649	RIVET	1		
VMP4218	EARTH ANGLE (B)	2		
VSC4046	SHIELD SEAT (C)	2		
VMP4217	EARTH ANGLE (A)	2		
VKA0133	RUBBER FOOT	4		
VGU5582	SLIDE SW SHEET	1		
VYP5456	FRONT PANEL UNIT	1		
VKF2127	BLINDER PANEL	1		
VMB2521	BLINDER PANEL SPRING	1		
VKU0395	BOTTOM PLATE	1		
VHD0168	SCREW	3		
VJH0718	REAR JACK PANEL	1		
VJJ0323	RCA PIN JACK	4		
VJS3154	BNC CONNECTOR	2		
VWJ20AW470B0	FLEXIBLE CABLE	1		
VWJ0785	FLEXIBLE CABLE	1		
VWJ15AW510B0	FLEXIBLE CABLE	1		
VWJ20AW385B0	FLEXIBLE CABLE	1		
VWJ13AW200B0	FLEXIBLE CABLE	1		
VWJ12AW610B0	FLEXIBLE CABLE	1		
VSC3957	SHIELD CASE	1		
VSC3958	SHIELD CASE	1		
VGM1070	SIDE PANEL (L)	1		
XTV3+6F	SCREW	4		
XTV26+4F	SCREW	1		
XTB3+10F	SCREW	4		
XTV3+10GR	SCREW	6		
XTV3+6FR	SCREW	1		
XYE3+EF8FR	SCREW	1		
XTV3+14J	SCREW	4		
XTV3+6J	SCREW	2		
XTV3+10GFZ	SCREW	4		
XTV3+8FFZ	SCREW	2		
XYE4+EF6	SCREW	1		
XTV26+8FR	SCREW	3		
XTV26+10F	SCREW	1		

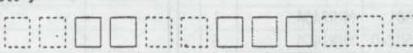
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CKING PARTS SECTION



RTS—6

7-2. ELECTRICAL REPLACEMENT PARTS LIST

- Be sure to make your orders of replacement parts according to this list.
- "<R>" in Remark column indicates recommended parts.
- "<M>" in Remark column indicates needed in the periodical maintenance.
- IMPORTANT SAFETY NOTICE**
Components indentified by "<!>" have special characteristics important for safety. When replacing any of these components, use only the original ones. Meaning of symbol "<!>" on this parts list is exactly the same as symbol  on Schematic and Circuit Board Diagrams.
- Unless otherwise specified:
All resistors are in (Ω), $K=1,000\Omega$, $M=1,000k\Omega$.
All capacitors are in (F), $U=10^{-4}$ F, $P=10^{-12}$ F.
- ITEM NUMBERS WITH CAPITAL LETTER E**
Item numbers with capital letter E (Example: E1, E2,) in Ref. no. column mean that the parts are listed with the E item numbers in the exploded views.
- The main assembled parts are shown below C.B.A. marked with "■".
- When ordering parts, use parts No. only from Part No. column.
- Printed circuit board assembly with mark (RTL) is no longer available after discontinuation of the product.
- Explanation of part number
CAPACITOR


Type	Rated Volt.	Capacitance Value
ECA	ELECTROLYTIC CAPACITOR	
ECC	CERAMIC CAPACITOR	
ECH	PLASTIC FILM CAPACITOR	

Type	Delectric
ECA	ELECTROLYTIC CAPACITOR
ECE	
ECS	
ECO	
ECC	CERAMIC CAPACITOR
ECF	
ECK	
ECU	
ECH	PLASTIC FILM CAPACITOR
ECQ	
ECW	

Rated Volt.

Code	0G	0J	1A	1C	1D	1E	1V	1H	1J	1K
W.V. (V)	4	6.3	10	16	20	25	35	50	63	80
Code	2A	2C	2P	2D	2E	2F	2V	2G	2W	2H
W.V. (V)	100	160	180	200	250	315	350	400	450	500

Capacitance Value

The 1st 2 figures are actual values and the 3rd denotes the number of zero.
 "R" denotes the decimal point and all figures are the actual number with "R".

* Unit Electrolytic capacitor μ F
 Ceramic capacitor pF
 Plastic film capacitor pF

Example : ECEA1HU221 → ELECTROLYTIC CAPACITOR
 50V 220 μ F

(RESISTOR)

Type	Rated Power	Resistance Value
Type		

Type	Delectric
ERD	CARBON RESISTOR
ERF FRW	WIRE WOUND RESISTOR
ERQ ERU	FUSE RESISTOR
ERC	SOLID RESISTOR
ERX ERG ERO ERN	METAL RESISTOR
ERJ	CHIP RESISTOR
ERS	THERMAL SENSITIVE RESISTOR

Rated Power

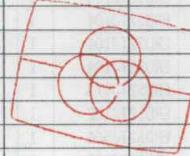
Code	1	2	3	3G	6	8	10	12	14	25
R.Power (w)	1	2	3	1/16	1/10	1/8	1/8	1/2	1/4	1/4
Code	S1	S2								
R.Power (w)	1/2	1/4								

Resistance Value

The 1st 2 figures are actual values and the 3rd denotes the number of zero.
 "R" denotes the decimal point and all figures are the actual number with "R".

Example : ERDS2TJ471 → CARBON RESISTOR
 1/4W 470 Ω

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP01588B	P.C.BOARD W/COMPONENT POWER (1)	1	(RTL)<R>
	VEP01589A	P.C.BOARD W/COMPONENT POWER (2)	1	(RTL)<R>
	VEP04427D	P.C.BOARD W/COMPONENT REAR JACK	1	(RTL)<R>
	VEP00079B	P.C.BOARD W/COMPONENT REAR JACK SUB	1	(RTL)<R> FOR VEP04427D
	VEP04429D	P.C.BOARD W/COMPONENT AUDIO	1	(RTL)<R>
	VEP05176C	P.C.BOARD W/COMPONENT HEAD AMP	1	(RTL)<R>
	VEP06914E	P.C.BOARD W/COMPONENT FRONT	1	(RTL)<R>
	VEP06916C	P.C.BOARD W/COMPONENT FRONT JACK	1	(RTL)<R> FOR VEP06914E
	VEP06915E	P.C.BOARD W/COMPONENT MAIN	1	(RTL)<R>
	VEP03920C	P.C.BOARD W/COMPONENT SQPB	1	(RTL)<R> FOR VEP06915E
	VEP06974A	P.C.BOARD W/COMPONENT POWER DETECT	1	(RTL)<R> FOR VEP06915E
	VEP00563C	P.C.BOARD W/COMPONENT MECHANISM CONNECTION	1	(RTL)<R>



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Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs
*****	[VEP01589A]		C4513,14	ECEA1APZ101	2	L4507	VLQEL05S101J	1	R4570	ERJ6GEYJ153	1			
*****	[VEP01588B]		POWER (2)			C4515,16	ECUM1H104ZFN	2	R4571	ERJ6GEYJ272	1			
	POWER (1)		C1001	VCC0024	1	C4517,18	ECEA1CPZ330	2	R4572	ERJ6GEYJ562	1			
C1007	ECQU2A104MN	1	C1002,03	VCK0046	2	C4520	ECUM1H104ZFN	1	R4573	ERJ6GEYJ153	1			
C1008	ECQU2A154MN	1	C1004	VCC0024	1	C4521,22	ECEA1HPZ3R3	2	R4574	ERJ6GEYJ102	1			
C1009	ECEC2GC680BB	1	C1005,06	VCK0046	2	C4523	ECEA1APZ101	1	T4501	EIQ7QF013Q	1			
C1010	VCC0024	1	L1005	ELF18D221F	1	C4524	ECEA1EBZ4R7	1	T4502	EIQ7QF012Q	1			
C1011,12	VCK0046	2				C4525	ECQB1H223JF	1	VR4501	EVMF6SA00B53	1			
C1013	VCK0106K121	1				C4526	ECEA1APZ470	1	VR4502	EVMF6SA00B24	1			
C1014	ECQE6473KF	1				C4527	ECQB1H103JF	1	VR4503	EVMF6SA00B53	1			
C1015	ECA1VXLV470	1				C4528	ECQB1H332JF	1	VR4504	EVMF6SA00B24	1			
C1016	ECEA1CFE560	1	*****	[VEP04427D]		C4529	ECUM1H561JCN	1	VR4505	EVMF6SA00BY3	1			
C1017	ECKD2H101KB	1				C4530	ECEA1HPZ4R7	1						
C1018,19	ECEA1DFZ681	2				C4531	ECUM1H561JCN	1	*****	[VEP05176C]				
C1020	ECKD2H101KB	1				C4532	ECUM1H681JCN	1						
C1021,22	ECEA1AFZ681	2				C4533	ECUM1H104ZFN	1						
C1023	ECQV1H124JZ	1				C4534	ECEA1APZ101	1						
C1024	ECKF1H101KB	1				C4535	ECUM1E473KBN	1						
C1025	ECQB1H103JF	1				C4536	ECUM1C224ZFN	1	R4501	ERJ6GEYJ104	1			
C1026	ECA0GXLV331	1				C4537	ECUM1H103ZFN	1	R4502	ERJ6GEYJ103	1			
C1027	ECKF1H102KB	1				C4538	ECUM1H471JCN	1	R4503	ERJ6GEYJ563	1			
C1028	ECKF1H271KB	1				C4539	ECEA1HUR47	1	R4504	ERJ6GEYJ104	1			
D1001	S1WBA60S	1				C4540	ECUM1H102JCN	1	R4505	ERJ6GEYJ563	1			
D1002	AP01C	1				C4541	ECUM1E473KBN	1	R4506	ERJ6GEYG363	1			
D1003	MA178	1				C4542	ECEA1APZ101	1	R4507	ERJ6GEYJ183	1			
D1004	MA4200-H	1				C4543	ECUM1H104ZFN	1	R4512	ERJ6GEYG363	1			
D1005	MA185	1				C4544	ECEA1HPZ4R7	1	R4513	ERJ6GEYJ183	1			
D1006	RL4Z	1				C4545	ECUM1H681JCN	1	R4514	ERJ6GEYJ152	1			
D1007	31DQ04	1				C4546,47	ECUM1H561JCN	2	R4515,16	ERJ6GEYJ103	2			
D1008	MA723VT	1				C4548	ECEA1EBZ4R7	1	R4517	ERJ6GEYJ472	1			
IC1001	STRM6545	1				C4549	ECQB1H223JF	1	R4518	ERJ6GEYJ104	1			
IC1002	S13120CA	1				C4550	ECEA1APZ470	1	R4520,21	ERJ6GEYOR02	2			
IC1003	TL431CLP	1				C4551	ECQB1H103JF	1	R4522,23	ERJ6GEYJ222	2			
L1006	ELF18D290A	1				C4552	ECQB1H332JF	1	R4524-26	ERJ6GEYJ473	3			
L1009	EXCELSA35	1				C4553,54	ECEA1CPZ100	2	R4527	ERJ6GEYJ104	1			
L1010	VLQEL05S101J	1				C4555	ECEA1APZ470	1	R4528	VRE0034E153	1			
L1011	VLQ0410	1				C4556	ECEA1CPZ470	1	R4529	ERJ6GEYJ472	1			
L1012	VLQ0579	1				C4557	ECQB1H822JF	1	R4530	ERJ6GEYG224	1			
L1013	VLP0083	1				C4558	ECEA10M22	1	R4531	ERJ6GEYG303	1			
L1014	VLP0074	1				C4559	ECEA1CBZ100	1	R4532	ERJ6GEYJ222	1			
P1001	VJP3091	1				C4560,61	ECUM1H102JCN	2	R4533	ERJ6GEYG103	1			
Q1001	PS2561L1V1	1				C4562	ECUM1C105ZFN	1	R4534	VRE0034E36C	1			
R1001	ERDS2FJ103	1				C4563	ECUV1H182JCN	1	R4535,36	ERJ6GEYJ152	2			
R1002	ERC12GM34	1				C4564	ECQB1H333JF	1	R4537	ERJ6GEYG562	1			
R1004	ERF2TK2R2	1				C4565	ECUM1C105ZFN	1	R4538	VRE0034E153	1			
R1005	ERG35J683	1				C4566	ECQB1H103JF	1	R4539	ERJ6GEYJ334	1			
R1006,07	ERDS2FJ224	2				C4567	ECQB1H562JF	1	R4540	VRE0034E333	1			
R1008	ERDS2FJ221	1				C4568	ECQB1H153JF	1	R4541	ERJ6GEYG182	1			
R1009	EROS2CKG62R0	1				C4569,70	ECEA1CKA100	2	R4542	ERJ6GEYG303	1			
R1010	EROS2CKG3001	1				C4571	ECEA1HKN010	1	R4543	VRE0034E113	1			
R1011	EROS2TKF2701	1				C4572	ECEA1CKA220	1	R4544	ERJ6GEYJ224	1			
R1012	ERDS2TJ561	1				C4573	ECQB1H102JF	1	R4545	ERJ6GEYJ472	1			
R1013	ERDS2TJ272	1				C4574	ECQB1H103JF	1	R4546	ERJ6GEYJ473	1			
R1014	EROS2TKF2701	1				C4575	ECCD2H212K	1	R4547	ERJ6GEYOR00	1			
R1015	EROS2CKG1502	1				C4576	ECQB1H222JF	1	R4548	ERJ6GEYJ333	1			
R1016	ERDS2TJ271	1				C4577	ECEA1CKA100	1	R4549	ERJ6GEYJ133	1			
R1017	ERDS2FJ224	1				C4578	ECQB1H472JF	1	R4550	ERJ6GEYJ562	1			
R1018	ERDS2FJ101	1				C4579	ECQB1H103JF	1	R4551	ERJ6GEYJ822	1			
R1019	ERDS2FJ152	1				C4580	ECQB1H333JF	1	R4552	ERJ6GEYJ394	1			
R1020	ERX1SJR82	1				D4501-04	MA151K	4	R4553	ERJ6GEYJ331	1			
R1021,22	ERDS2FJ471	2				FL4501	VLF0947	1	R4554	ERJ6GEYJ621	1			
R1023	ERDS1TJ395	1				IC4501	XLH7773KS	1	R4555	ERJ6GEYJ473	1			
R1024	ERDS1TJ475	1				IC4502	BA7755AF	1	R4556	ERJ6GEYJ123	1			
T1001	VLT0692	1				IC4503	AN1358S	1	R4557	ERJ6GEYG203	1			
						J4502-04	ERJ6GEYOR00	3	R4558	ERJ6GEYJ392	1			
						J4506	ERJ6GEYOR00	1	R4559	ERJ6GEYG183	1			
									R4560	ERJ6GEYG470	1			
									R4561	ERJ6GEYJ331	1			
									R4562	ERJ6GEYJ101	1			
									R4563	ERJ6GEYJ471	1			
									R4564	ERJ6GEYJ562	1			
									R4565,66	ERJ6GEYJ223	2			
									R4567	ERJ6GEYJ103	1			
									R4568	ERJ6GEYJ272	1			
									R4569	ERJ6GEYJ562	1			
												IC501	AN3336SB	1
												IC551	BA7743FS	1
												K501	ERJ6GMZ0R00	1
												K502	ERJ6GMZ0R00	1
												K503	ERJ6GMZ0R00	1
												K504	ERJ6GMZ0R00	1
												K505	ERJ6GMZ0R00	1
												K506	ERJ6GMZ0R00	1
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												L502	VLQ0540K330	1

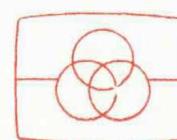
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Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs
L551	VLQ0540K330	1	IC6501	UPD75328G692	1		SQPB		C3035	ECUM1H103ZFN	1	C3552	ECEA1HKA010	1
L552	VLQ0540K330	1	IC6503	VCR0172	1		[VEPO6974A]		C3036	ECUM1H330JCN	1	C3554	ECEA1HS4R7	1
			IC6505	MN1382-H	1		POWER DETECT		C3037	ECUM1H223ZFN	1	C3555, 56	ECEA1HK42R2	2
P501	VJS3537B0206	1	IC6510	UPD6253GS	1			C3038	ECUM1H103ZFN	1	C3557	ECEA1EKA4R7	1	
P502	VJS2603	1	IC6511	MN1382-R	1			C3039	ECUM1H471JCN	1	C3558	ECUM1H103ZFN	1	
QR501	MRN2404	1	JK6850	VJJ0277	1			C3046	ECUM1H220JCN	1	C3559	ECQV1H474JZ	1	
			JK6852	VJJ0210	1			C3047	ECUM1H102JCN	1	C3560	ECUM1H821JCN	1	
R501	ERJ6GMYJ101	1						C3048	ECQB1H562JF3	1	C3561	ECQB1H393JF	1	
R502	ERJ6GEYJ152	1						C3049	ECEA1CPK470B	1	C3563	ECEA1AKA101	1	
R503	ERJ6GMYG752	1	L6501	VLQEL05K121J	1			C3050	ECQV1H104JZ	1	C3564	ECUM1H152KBN	1	
R504	ERJ6GMYJ333	1	LD6501	LN043572P	1			C3051	ECEA0JKA331	1	C3565	ECUM1H391JCN	1	
R505	ERJ6GMYJ182	1	LD6502	LN81RCPHL	1			C3052	ECEA1CKA001	1	C3566	ECUM1H820JCN	1	
R506	ERJ6GMYJ392	1	LD6504	LN81RCPHL	1			C3053	ECEA1HKN4R7	1	C3567	ECUM1H104ZFN	1	
R507	ERJ6GMYJ391	1	LD6590	LN81RCPHL	1			C3054	ECUM1H470JCN	1	C3568, 69	ECQV1H184JZ	2	
R508	ERJ6GMYJ331	1						C3055	ECEA1HKN4R7	1	C3571	ECUM1H180JCN	1	
R509-12	ERJ6GMYJ101	4	P6501	VJS3537A012G	1			C3056	ECUM1H220JCN	1	C3572	ECUM1H221JCN	1	
R513	ERJ6GMYJ103	1	P6502	VJS3537A020G	1			C3059	ECEA0JKA470	1	C3573, 74	ECEA1CKA100	2	
R514	ERJ6GMYJ274	1	P6503	VJP3042A008W	1			C3060	ECEA0JKN470	1	C3581	ECUM1H600JCN	1	
R517	ERJ6GMYJ100	1	P6850	VJS3042B008W	1			C3061	ECEA0JKA470	1	C3582	ECUM1H030DCN	1	
R526	ERJ6GMYG133	1						C3062	ECUM1H270JCN	1	C3583	ECUM1H103ZFN	1	
R551	ERJ6GMYJ473	1	QR6501	MRN2404	1			C3063	ECUM1H104ZFN	1	C3586	ECUM1H220JCN	1	
R552	ERJ6GMYJ391	1	QR6503, 04	MRN2402	2			C3065	ECUM1H270JCN	1	C3588-90	ECUM1H103ZFN	3	
R553	ERJ6GMYJ273	1						C3069	ECUM1H104ZFN	1	C3591	ECUM1H102JCN	1	
R554	ERJ6GMYJ243	1	R6501, 02	ERJ6GEYJ222	2			C3070	ECEA1HKN4R7	1	C3593	ECUM1H270JCN	1	
R556	ERJ6GMYJ333	1	R6509-12	ERJ6GEYJ681	4			C3072	ECUM1H270JCN	1	C3594	ECUM1H181JCN	1	
R557	ERJ6GMYJ103	1	R6513	ERJ6GEYJ221	1			C3073	ECUM1H560JCN	1	C3596	ECQV1H104JZ	1	
R558	ERJ6GMYJ332	1	R6515	ERJ6GEYJ221	1			C3074	ECUM1H121JCN	1	C3597	ECUM1H103ZFN	1	
R559-60	ERJ6GMYJ152	2	R6518	ERJ6GEYJ473	1			C3075	ECUM1H151JCN	1	C3599	ECUM1H102KBN	1	
R561	ERJ6GMYJ332	1	R6519	VRE0034E153	1			C3077	ECEA1OKA220	1	C4001	ECUM1H221JCN	1	
R562	ERJ6GMYJ102	1	R6520	VRE0034E392	1			C3078	ERJ6GEYJ681	1	C4002	ECEA1CKA470	1	
R563	VRE0034E100	1	R6521	VRE0034E683	1			C3080	ECUM1H103ZFN	1	C4003	ECEA1HKA010	1	
R564	ERJ6GMYJ224	1	R6524	ERJ6GEYJ820	1			C3081	ECUM1H561JCN	1	C4004, 05	ECEA1CKA100	2	
R565	ERJ6GMYJ473	1	R6525	ERJ6GEYJ473	1			C3082	ECEA0JKA470	1	C4006, 07	ECUM1E104KBN	2	
R566	ERJ6GMYJ273	1	R6527	ERJ6GEYJ331	1			C3083, 84	ECUM1H103ZFN	2	C4008, 09	ECEA1CKA100	2	
R567	ERJ6GMYJ153	1	R6528-30	ERJ6GEYJ104	3			C3094	ECUM1H220JCN	1	C4010	ECEA1HKA010	1	
R568	ERJ6GMYJ271	1	R6533	ERJ6GEYJ681	1			C3095	ECUM1H270JCN	1	C5005	ECEA1EK3R3	1	
R569	ERJ6GEYJ102	1	R6534, 35	ERJ6GEYJ473	2			C3096	ECUM1H150JCN	1	C5006	ECUM1H150JCN	1	
R570	ERJ6GMYJ102	1	R6537-39	ERJ6GEYJ473	3			C3097-09	ECUM1H130JCN	2	C5007-09	ECUM1H130JCN	3	
			R6540	ERJ6GEYJ103	1			C3098	ECUM1H103ZFN	1	C5012, 13	ECUM1H103ZFN	2	
			R6550	ERJ6GEYJ471	1			C3099	ECUM1H102KBN	1	C5014	ECEA0JKA470	1	
			R6551	ERJ6GEYJ224	1			C3100	ECUM1H102KBN	1	C5015, 16	ECUM1H103ZFN	2	
*****	[VEPO6914E]		R6552-54	ERJ6GEYJ103	3			C3101	ECUM1H102KBN	2	C6001	ECUM1H104ZFN	1	
	FRONT		R6555-57	ERJ6GEYJ104	3			C3102	ECUM1H102KBN	1	C6004, 05	ECUM1H104ZFN	2	
	[VEPO6916C]	0	R6558	ERJ6GEYJ332	1			C3103	ECQV1H104JZ	1	C6006	ECEA1AKA330	1	
	FRONT JACK		R6559	ERJ6GEYJ473	1			C3104	ECEA1CKA470	1	C6007	ECUM1H104ZFN	1	
C6502	ECEA1CKA330	1	R6560, 61	ERJ6GEYOR00	2			C3105	ECUM1H103ZFN	1	C6008	ECUM1H220JCN	1	
C6503	ECEA1HKA22	1	R6562	ERJ6GEYJ473	1			C3106	ECUM1H103ZFN	1	C6009	ECUM1H180JCN	1	
C6504-06	ECUM1H101JCN	3	R6566	ERJ6GEYOR00	1			C3107	ECEA0JKA101	1	C6010	ECEA1AKA220	1	
C6507	ECUM1H220JCN	1	R6567	ERJ6GEYJ473	1			C3108	ECUM1H103ZFN	1	C6011	ECUM1H104ZFN	1	
C6508	ECUM1H390JCN	1	R6572, 73	ERJ6GEYOR00	2			C3109	ECEA1HKA220	1	C6012	ECQB1H133ZJF	1	
C6509	ECEA1CKA330	1	R6576-78	ERJ6GEYOR00	3			C3110	ECUM1H103ZFN	2	C6013, 14	ECUM1H271JCN	2	
C6510	ECEA1HKA3R3	1	R6579-82	ERJ6GEYJ473	4			C3111, 12	ECUM1H103ZFN	2	C6016-23	ECUM1H271JCN	8	
C6511	ECEA1CKA330	1	R6586, 87	ERJ6GEYJ473	2			C3113	ECEA1OKA470	1	C6025-28	ECUM1H222KBN	4	
C6512, 13	ECUM1H103ZFN	2	R6589	ERJ6GEYJ392	1			C3114	ECUM1H103ZFN	2	C6029, 30	ECUM1H222KBN	2	
C6514	ECUM1H104ZFN	1	R6590	ERJ6GEYJ471	1			C3115	ECEA0JKA221	1	C6033	ECEA0JKA101	1	
C6522	ECEA0JKA221	1	R6591	ERJ6GEYJ221	1			C3116	ECUM1H103ZFN	1	C6103	ECEA0JKA221	1	
C6524	ECUM1H104ZFN	1	R6593	ECUM1H390JCN	1			C3117	ECUM1H103ZFN	1	C6104	ECEA0JKA331	1	
C6525	ECEA1CKA330	1						C3118	ECUM1H103ZFN	1	C6105	ECEA1CKA470	1	
C6526-28	ECUM1H101JCN	3	SW6501-08	EVQQS05G	8			C3119	ECUM1H103ZFN	1	C6201, 02	MA151WK	2	
			SW6509	EVQPAD09K	1			C3120	ECUM1H473ZFN	1	D2301, 02	11EQS04	2	
			SW6510-15	EVQQS307K	6			C3121	ECUM1H101JCN	1	D2303	MA151K	1	
			SW6516	VSS0249	1			C3122	ECEA1CKA470	1	D2304, 05	MA153	2	
			SW6517, 18	EVQQS307K	2			C3123	ECUM1H103ZFN	1	D3001, 02	MA151K	2	
CT6501	ECRHA030E41	1						C3124	ECUM1H103ZFN	1	D3003	1SS283	1	
			VR6501, 02	EVUF3AF15B24	2			C3125	ECUM1H103ZFN	1	D3004	MA151WK	1	
D6501-08	MA151WA	8	X6501	VSX0140	1			C3126	ECUM1H103ZFN	1	D3007	MA721	1	
D6510	MA151A	1	X6502	VSX0094	1			C3127	ECUM1H103ZFN	1	D3010	MA151WK	1	
D6520-24	MA153	5						C3128	ECUM1H103ZFN	1	D3051	MA4091	1	
D6525	11EQS04	1						C3129	ECUM1H103ZFN	1	D3052	MA151K	1	
D6526	MA151A	1						C3130	ECUM1H103ZFN	1	D3054	MA151K	1	
DP6501	EDD063ZS5A4P	1	*****	[VEPO6915E]				C3131	ECUM1H103ZFN	1	D3057	MA151K	1	
				MAIN				C3132	ECUM1H103ZFN	1	D3508	MA151A	1	
				[VEPO3920C]				C3133	ECUM1H103ZFN	5	D6001-05	MA151K	5	
								C3134	ECUM1H180JCN	1				

Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs
D6008	11EQS04	1	L3519	VLQEL05K120J	1	QR3013, 14	MRN1404	2	R3023, 24	ERJ6GEYJ273	2	R3539	ERJ6GEYJ222	1
D6010	MA151K	1	L3520	VLQEL05K150J	1	QR3501	MRN1404	1	R3025	ERJ6GEYJ122	1	R3540	ERJ6GEYJ561	1
D6101	11EQS04	1	L3522	VLQEL05K221J	1	QR3505	MRN1402	1	R3026	ERJ6GEYJ152	1	R3542	ERJ6GEYJ822	1
D6201	8P2M	1	L3523	VLQEL05K681J	1	QR3506	MRN2402	1	R3027	ERJ6GEYJ223	1	R3543	ERJ6GEYJ272	1
D6202	MA4062M	1	L3524	VLQEL05K391J	1	QR3507	DTC363EK	1	R3028	ERJ6GEYJ681	1	R3544	ERJ6GEYJ103	1
			L3525	VLQEL05K470J	1	QR3509, 10	XN1213	2	R3029	ERJ6GEYJ102	1	R3545	ERJ6GEYJ183	1
DL3002	VLD0089	1	L3526	VLQEL05K560J	1	QR3514	DTC363EK	1	R3030	ERJ6GEYJ271	1	R3547	ERJ6GEYJ333	1
DL3501	VLD0147	1	L3531	VLQEL05K270J	1	QR3515	MRN1403	1	R3031	ERJ6GEYJ122	1	R3548	ERJ6GEYJ473	1
			L3532	VLQEL05K5R6J	1	QR3517	MRN1404	1	R3032	ERJ6GEYJ123	1	R3549	ERJ6GEYJ222	1
FL3002	VLF0499	1	L4001	VLQEL05K101J	1	QR3518	XN1113	1	R3033	ERJ6GEYJ822	1	R3550	ERJ6GEYJ330	1
FL3004	ELB4M022	1	L5001	VLQEL05F101J	1	QR3519	XN1213	1	R3034	ERJ6GEYJ102	1	R3551	ERJ6GEYJ182	1
FL3501	VLF0727	1	L5002	VLQ0188J270	1	QR6001	XN1211	1	R3035	ERJ6GEYJ471	1	R3552	ERJ6GEYJ471	1
FL3502	VLF0299	1	L5003	VLQEL05F270J	1	QR6005, 06	XN1213	2	R3037	ERJ6GEYJ471	1	R3553	ERJ6GEYJ102	1
			L5004	VLQEL05F150J	1	QR6008	MRN1404	1	R3052	ERJ6GEYJ391	1	R3554	ERJ6GEYJ273	1
IC2001	AN3727S	1	Q6101	MRN1402	1	R3054	ERJ6GEYJ824	1	R3555	ERJ6GEYJ183	1			
IC2004	LM358PS-R	1	L60002	VLP0083	1	R3055, 56	ERJ6GEYJ102	2	R3556	ERJ6GEYJ472	1			
IC2302	BA6439S	1	L60003	VLQ0460	1	R2001	ERJ6GEYJ562	1	R3557	ERJ6GEYJ682	1			
IC2303	MN1280-U	1	L60004-07	VLQEL05K221J	4	R2002	ERJ6GEYJ682	1	R3560	ERJ6GEYJ821	1			
IC2304	LM393PS	1	P2301	VJP3078	1	R2003	ERJ6GEYJ273	1	R3561	ERJ6GEYJ221	1			
IC2305, 06	UPC4556G2	2	P2302	VJS3537A015G	1	R2004	ERJ6GEYJ563	1	R3562	ERJ6GEYJ103	1			
IC3001	VEFH03D	1	P2303	VJP3529	1	R2005, 06	ERJ6GEYJ223	2	R3564	ERJ6GEYJ182	1			
IC3003, 04	NJM2233BMA	2	P3501	VJS3537A020G	1	R2007	ERJ6GEYJ272	1	R3565	ERJ6GEYJ473	1			
IC3006	AN3495K	1	P4001-03	VJP3186A018W	3	R2008	ERJ6GEYJ221	1	R3566	ERJ6GEYJ102	1			
IC3501	MN74HC4053S	1	P4004	VJS2329	1	R2009	ERJ6GEYJ622	1	R3567	ERJ6GEYOR00	1			
IC3502	MSM6965-3RS	1	P6001	VJS3537A013G	1	R2011, 12	ERJ6GEYJ224	2	R3568, 69	ERJ6GEYJ103	2			
IC3503	VEFH04F	1	P6002	VJP1229T	1	R2013, 14	ERJ6GEYJ223	2	R3572	ERJ6GEYJ102	1			
IC4001	NJM4558M	1	P6003	VJP3079	1	R2015	ERJ6GEYJ104	1	R3574	ERJ6GEYJ271	1			
IC4002	BA6138	1	P6004	VJS3537A012G	1	R2017	ERJ6GEYJ471	1	R3575	ERJ6GEYJ102	1			
IC6001	MN6743AVMEC	1	P6005	VJS3537A020G	1	R2027	ERJ6GEYJ473	1	R3576	ERJ6GEYJ222	1			
IC6002	LM358PS-R	1	P6007, 08	VJS1410	2	R2030	ERJ6GEYJ683	1	R3579	ERJ6GEYJ682	1			
IC6003	BA6219B	1	P6201	VJR0406	1	R2306	ERJ6GEYJ332	1	R3580	ERJ6GEYJ123	1			
IC6004	MN1280R	1				R2310	ERJ6GEYJ432	1	R3581	ERJ6GEYJ473	1			
IC6006	TC7W00F	1	PS5001	VJR0406	1	R2311	ERJ6GEYJ684	1	R3582	ERJ6GEYOR00	1			
						R2312	ERJ6GEYG473	1	R3585	ERJ6GEYJ473	1			
J2301-05	ERJ6GEYOR00	5	Q3001	MSB709-R	1	R2313	ERDS2TJ330	1	R3588	ERJ6GEYJ222	1			
J3008	ERJ6GEYOR00	1	Q3002	MSD601-R	1	R2314	ERJ6GEYJ102	1	R3589	ERJ6GEYJ681	1			
J3014-16	ERJ6GEYOR00	3	Q3003	MSC2295-B	1	R2315	ERDS2TJ330	1	R3590	ERJ6GEYJ561	1			
J3018	ERJ6GEYOR00	1	Q3004	MSD601-R	1	R2316	ERX125JR47	1	R3591	ERJ6GEYJ473	1			
J3020	ERJ6GEYOR00	1	Q3010	MSB709-R	1	R2317	ERDS2TJ330	1	R3592	ERJ6GEYJ431V	1			
J3023	ERJ6GEYOR00	1	Q3011	MSD601-R	1	R2318	ERJ6GEYJ681	1	R3593	ERJ6GEYJ561	1			
J3501-03	ERJ6GEYOR00	3	Q3013	2SA1022-B	1	R2321	ERJ6GEYJ103	1	R3596	ERJ6GEYOR00	1			
J3505	ERJ6GEYOR00	1	Q3014, 15	MSC2295-B	2	R2322	ERJ6GEYJ224	1	R3600, 01	ERJ6GEYJ102	2			
J3507, 08	ERJ6GEYOR00	2	Q3501, 02	MSD601-R	2	R2323	ERJ6GEYJ103	1	R3605	ERJ6GEYJ103	1			
J4001, 02	ERJ6GEYOR00	2	Q3503, 04	MSC2295-B	2	R2324	ERJ6GEYJ224	1	R3606	ERJ6GEYJ102	1			
J6003, 04	ERJ6GEYOR00	2	Q3505, 06	MSB709-R	2	R2325-28	ERJ6GEYJ103	4	R3609	ERJ6GEYJ182	1			
J6007	ERJ6GEYOR00	1	Q3507	MSD601-R	1	R2329, 30	ERJ6GEYJ473	2	R3610	ERJ6GEYJ330	1			
J6101	ERJ6GEYOR00	1	Q3508	2SB642	1	R2331	ERJ6GEYJ472	1	R3611	ERJ6GEYJ222	1			
			Q3509	2SB643	1	R2332	ERJ6GEYJ333	1	R3612	ERJ6GEYJ103	1			
L2001-03	VLQ0460	3	Q3510	MSC2295-B	1	R2333	ERJ6GEYJ332	1	R3613	ERJ6GEYJ223	1			
L2301	VLQ0460	1	Q3511	MSD601-R	1	R2334	ERJ6GEYJ472	1	R3601, 02	ERJ6GEYJ102	2			
L2303	VLQ0083	1	Q3512	MSC2295-B	1	R2335	ERJ6GEYJ333	1	R3609	ERJ6GEYJ182	1			
L2304	VLQ0460	1	Q3514	MSD601-R	1	R2336	ERJ6GEYJ332	1	R4003	ERJ6GEYJ100	1			
L2305	VLQEL05K102J	1	Q3516	MSC2295-B	1	R2337	ERJ6GEYJ102	1	R4004	ERJ6GEYJ273	1			
L3001	VLQEL05K680J	1	Q3517, 18	MSB709-R	2	R2338	ERJ6GEYJ105	1	R4007, 08	ERJ6GEYJ182	2			
L3002	VLQEL05K121J	1	Q5001	MSB709-R	1	R2339	ERJ6GEYJ821	1	R4009, 10	ERJ6GEYJ562	2			
L3003	VLQ0460	1	Q5002	MSD601-R	1	R2340	ERJ6GEYJ222	1	R4011, 12	ERJ6GEYJ104	2			
L3004	VLQEL05K101J	1	Q5003	2SA1022-B	1	R2341	ERDS1TJ561B	1	R4013, 14	ERJ6GEYJ103	2			
L3005	VLQ0460	1	Q5005	XN1501	1	R2342, 43	ERJ6GEYJ102	2	R5003	ERJ6GEYJ102	1			
L3008	VLQ0460	1	Q5006	MSB709-R	1	R3004	ERJ6GEYJ223	1	R5004	ERJ6GEYJ271	1			
L3009, 10	VLQEL05K150J	2	Q5007	MSC2295-B	1	R3005	ERJ6GEYJ102	1	R5005	ERJ6GEYJ472	1			
L3012	VLQEL05K220J	1	Q5008	MSB709-R	1	R3006	ERJ6GEYJ223	1	R5006	ERJ6GEYF124	1			
L3013	VLQ0460	1	Q5009-13	MSC2295-B	5	R3007	ERJ6GEYF124	1	R5007	ERJ6GEYJ223	1			
L3015	VLQEL05K560J	1	Q6001	MSB709-R	1	R3008	ERJ6GEYJ102	1	R5012	ERJ6GEYJ563	1			
L3017	VLQEL05K470J	1	Q6004	2SD601A	1	R3009	ERJ6GEYJ182	1	R5013	ERJ6GEYGI123	1			
L3502	VLQEL05K820J	1	Q6101	2SB644-S	1	R3010	ERJ6GEYJ332	1	R5014	ERJ6GEYG223	1			
L3503	VLQEL05K151J	1				R3011	ERJ6GEYJ182	1	R5016, 17	ERJ6GEYJ102	2			
L3504-06	VLQ0460	3	QR2001	XN1213	1	R3012	ERJ6GEYJ103	1	R5018	ERJ6GEYJ123	1			
L3508	VLQEL05K151J	1	QR2301	MRN2404	1	R3013	ERJ6GEYJ272	1	R5019	ERJ6GEYJ682	1			
L3509	VLQEL05K270J	1	QR2302	MRN1404	1	R3014	ERJ6GEYJ123	1	R5020	ERJ6GEYJ102	1			
L3510	VLQEL05K470J	1	QR3001	MRN1404	1	R3015	ERJ6GEYJ222	1	R5021, 22	ERJ6GEYJ681	2			
L3511	VLQ0460	1	QR3005	MRN1403	1	R3017, 18	ERJ6GEYJ331	2	R5023	ERJ6GEYJ271	1			
L3514	VLQEL05K681J	1	QR3006	MRN2403	1	R3019	ERJ6GEYJ750	1	R5025	ERJ6GEYJ102	1			
L3515, 16	VLQ0460	2	QR3007	MRN1403	1	R3020	ERJ6GEYOR00	1	R5027	ERJ6GEYJ391	1			
L3517	VLQEL05K6R8J	1	QR3009	DTC363EK	1	R3021	ERJ6GEYJ471	1	R5028, 29	ERJ6GEYJ102	2			
L3518	VLQEL05K101J	1	QR3010-12	MRN1403	3	R3022	ERJ6GEYJ562	1	R5030	ERJ6GEYJ471	1			

Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs	Ref.No.	Part No.	Pcs
R6002	ERJ6GEYJ271	1	X6001	VSX0296	1									
R6003,04	ERJ6GEYJ272	2												
R6005	ERJ6GEYG244V	1												
R6006	ERJ6GEYJ153	1												
R6007	ERJ6GEYJ333	1	*****	[VEP00S63C]										
R6008	ERX1SJ1R8P	1		MECHANISM										
R6009	ERJ6GEYG112	1		CONNECTION										
R6010	ERJ6GEYJ102	1	IC1501,02	ON1387	2									
R6011	VRE0034E103	1	P1503	VJS3316A002	1									
R6012	ERJ6GEYJ332	1	P1504	VJS3317A004	1									
R6013	VRE0034E103	1	P1505	VJS3493	1									
R6014	ERJ6GEYJ564	1	SW1501	VE50695	1									
R6015	VRE0034E512	1												
R6016	ERJ6GEYJ103	1												
R6017	ERJ6GEYJ471	1												
R6018	ERJ6GEYJ222	1												
R6019	ERJ6GEYJ683	1												
R6020,21	ERJ6GEYJ223	2												
R6022	ERJ6GEYJ103	1												
R6023	ERJ6GEYJ683	1												
R6024-26	ERJ6GEYJ333	3												
R6027	ERJ6GEYJ223	1												
R6028-34	ERJ6GEYJ102	7												
R6035	ERJ6GEYJ223	1												
R6036-38	ERJ6GEYJ102	3												
R6039	ERJ6GEYJ272	1												
R6040	ERJ6GEYJ221	1												
R6041	ERJ6GEYJ272	1												
R6042	ERJ6GEYJ221	1												
R6045	ERJ6GEYJ333	1												
R6052-55	ERJ6GEYJ103	4												
R6056,57	ERJ6GEYJ471	2												
R6058	ERJ6GEYOR00	1												
R6059	ERJ6GEYJ471	1												
R6061	ERJ6GEYJ222	1												
R6066	ERJ6GEYJ103	1												
R6067	ERJ6GEYJ562	1												
R6068	VRE0034E472	1												
R6069	ERJ6GEYJ333	1												
R6070	ERJ6GEYJ103	1												
R6101	ERDS2TJ103	1												
R6104	ERDS2TJ121	1												
R6105	ERJ6GEYJ102	1												
R6114	ERJ6GEYJ472	1												
R6201	ERDS2TJ101	1												
R6202	ERDS2TJ102	1												
VR2001	EVMF6SA00B23	1												
VR2002	EVMF6SA00B15	1												
VR2004	EVMF6SA00B15	1												
VR2006-08	EVMF6SA00B15	3												
VR3001	EVMF6SA00B24	1												
VR3002	EVMF6SA00B13	1												
VR3004	EVMF6SA00B52	1												
VR3005	EVMF6SA00B13	1												
VR3007	EVMF6SA00B52	1												
VR3008	EVMF6SA00B24	1												
VR3501	EVMF6SA00B23	1												
VR3502	EVMF6SA00B14	1												
VR3503	EVMF6SA00B52	1												
VR3504,05	EVMF6SA00B53	2												
VR3506	EVMF6SA00B52	1												
VR4001	EVMF6SA00B54	1												
VR4002,03	EVMF6SA00B23	2												
VR4004,05	EVMF6SA00B53	2												
VR4006	EVMF6SA00B54	1												
W1	ERJ6GEYOR00	1												
W2	ERJ6GEYOR00	1												
W2,W3	ERJ6GEYOR00	2												
W3-W9	ERJ6GEYOR00	7												
W10-21	ERJ6GEYOR00	12												
X3501	VSX0225	1												
X3502	VSX0162	1												

Ref.No.	Part No.	Part Name & Description	Pcs	Remarks	Ref.No.	Part No.	Part Name & Description	Pcs	Remarks
	VEP01588B	P.C.B. BOARD W/COMPONENT POWER (1)							
	VMC0811	SPRING	1						
	VMZ1608	BARRIER	1						
	VSC3778	SHIELD CASE	1						
	VMZ1305	BARRIER	2						
	VMZ0965	BARRIER	2						
	VEP01589A	P.C.B. BOARD W/COMPONENT POWER (2)							
	VMZ1608	BARRIER	2						
	VJF0318	HOLDER	2						
	VMZ0965	BARRIER	4						
	VEP04427D	P.C.B. BOARD W/COMPONENT REAR JACK							
	VEP00U79B	P.C.B. BOARD W/COMPONENT REAR JACK SUB							
	VJH0744	JACK PLATE	1						
	XTV3+8FFZ	SCREW	2						
	XTV3+10GFZ	SCREW	3						
	VEP06914E	P.C.B. BOARD W/COMPONENT FRONT							
	VEP06916C	P.C.B. BOARD W/COMPONENT FRONT JACK							
	VJF0948	HOLDER	1						
	VMX0473	SPACER	3						
	VEP06915E	P.C.B. BOARD W/COMPONENT MAIN							
	VEP03920C	P.C.B. BOARD W/COMPONENT SQPB							
	VEP06974A	P.C.B. BOARD W/COMPONENT POWER DETECT							
	VKC0295	P.C.B. SPACER	2						
	VKC0421	P.C.B. HINGE	3						
	VKC0422	GUARD SPACER	2						
	VMC0075	SPRING	1						
	VSC3405	SHIELD CASE	1						



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