6556-03N/43N/03S/43S

SERVICE MANUAL

6556-03N/43N

N. Hemisphere Model
AEP Model
Japan Model

Chassis No. SCC-L07G-A

6556-03S/43S

S. Hemisphere Model

Chassis No. SCC-L07G-A

D1H CHASSIS

SPECIFICATIONS

Picture tube	0.25 mm aperture grill pitch 17 inches measured diagonally 90-degree deflection
Video image area	(16" maximum viewing image) Approx. 327 x 242 mm (w/h) ($12^{7/8}$ x $9^{5/8}$ inches)
Logical resolution	Horizontal: Max. 1280 dots Vertical: Max. 1024 lines
Physical resolution	Horizontal: Max. 1024 dots Vertical: Max. 768 lines
Standard image area	Approx. 312 x 234 mm (w/h) ($12^{3/8}$ x $9^{1/4}$ inches)

MODEL	SPECIFICATION	
	BODY COLOR	DESTINATION
6556-03N	PEARL WHITE	NH, AEP, J
6556-03S		SH
6556-43N	STEALTH GRAY (Black)	NH, AEP, J
6556-43S		SH

Input signal		
	Video	Analog RGB (75 ohms typical) 0.7 Vp-p, Positive
	Sync	External HD/VD, Composite Polarity Free TTL Video Composite (Sync on Green) 0.3 Vp-p, Negative
Power Consumption		
	Maximum	120W
	Nominal	100W, 341 BTU/h
Deflection frequency		Horizontal: 30 to 85 KHz Vertical: 50 to150 Hz
AC input voltage / current		100 to 120 V, 50/60 Hz, 1.9 A 220 to 240V, 50/60Hz, 1A
Dimensions		408 x 441 x 434 (w/h/d) ($16^{1/8}$ x $17^{3/8}$ x $17^{1/8}$ inches)
Mass		Approx. 19.2 kg (41 lb 14 oz)

Design and specifications are subject to change without notice.

COLOR MONITOR

IBM

POWER SAVING FUNCTION

This monitor has three Power Saving modes.
By sensing the absence of a video signal from the computer, it reduces power consumption as follows:

NOTE: If no video signal is input to the monitor, the "NO INPUT SIGNAL" message appears. After about 30 seconds, the Power Saving function automatically puts the monitor into active-off mode and the indicator lights up orange. Once the monitor detects horizontal and vertical sync signals, the monitor automatically resumes normal operation mode.

	State	Power Consumption	Required Recovery Time	⏻ Power Indicator
1	Normal Operation	≤110W	———	Green on
2	Standby (1st mode)	≤15W	approx. 3 sec.	Green and orange alternate
3	Suspend (2nd mode)	≤15W	approx. 3 sec.	Green and orange alternate
4	Active-off (3rd mode)	≤8W	approx. 10 sec.	Orange
5	Power-off	0W	———	Off
6	Failure mode	———	———	Orange flashing

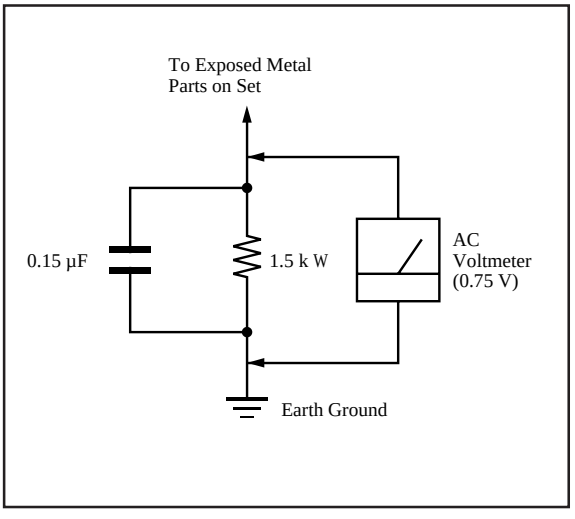
TIMING SPECIFICATION

MODE	1	2	3	4	5	6	7	8
Resolution (H x V)	656x496	640X480	640x480	800x600	800x600	1024x768	1024x768	1280x1024
Dot Clock (MHz)	25.175	31.500	36.000	49.500	56.250	78.750	94.500	135.000
HORIZONTAL								
Hor. Freq. (kHz)	31.469	37.5	43.269	46.875	53.674	60.023	68.677	79.976
H-Total	31.778	26.667	23.111	21.333	18.631	16.66	14.561	12.504
H-Blanking	5.72	6.349	5.333	5.172	4.409	3.657	3.725	3.022
H-Front Porch	0.318	0.508	1.556	0.323	0.569	0.203	0.508	0.119
H-Sync.	3.813	2.032	1.556	1.616	1.138	1.219	1.016	1.067
H-Back Porch	1.589	3.81	2.222	3.232	2.702	2.235	2.201	1.837
H-Active (msec)	26.058	20.317	17.778	16.162	14.222	13.003	10.836	9.481
VERTICAL								
Ver. Freq. (Hz)	59.94	75	85.008	75	85.061	75.029	84.997	75.025
V-Total	525	500	509	625	631	800	808	1066
V- Blanking	29	20	29	25	31	32	40	42
V-Front Porch	2	1	1	1	1	1	1	1
V-Sync.	2	3	3	3	3	3	3	3
V- Back Porch	25	16	25	21	27	28	36	38
V-Active (lines)	496	480	480	600	600	768	768	1024
SYNC.								
Int(G)	NO	NO	NO	NO	NO	NO	NO	NO
Ext(H/V)/Polarity	YES -/-	YES -/-	YES -/-	YES +/+	YES +/+	YES +/+	YES +/+	YES +/+
Ext (CS)/Polarity	NO	NO	NO	NO	NO	NO	NO	NO
Int/Non Int	Non Int	Non Int	Non Int	Non Int	Non Int	Non Int	Non Int	Non Int

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

1. Check the area of your repair for unsoldered or poorly-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the interboard wiring to ensure that no wires are “pinched” or contact high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.
4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
7. Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
8. Check the antenna terminals, metal trim, “metallized" knobs, screws, and all other exposed metal parts for AC Leakage. Check leakage as described below.



LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microampere). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63Trd are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeters that have a 2V AC range are suitable. (See Fig. A)

WARNING!!

NEVER TURN ON THE POWER IN A CONDITION IN WHICH THE DEGAUSS COIL HAS BEEN REMOVED.

SAFETY-RELATED COMPONENT WARNING!!

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

AVERTISSEMENT!!

NE JAMAIS METTRE SOUS TENSION QUAND LA BOBINE DE DEMAGNETISATION EST ENLEVEE.

ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

LES COMPOSANTS IDENTIFIES PAR UNE TRAME ET PAR UNE MARQUE ⚠ SUR LES SCHEMAS DE PRINCIPE, LES VUES EXPLOSEES ET LES LISTES DE PIECES SONT D'UNE IMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMERO DE PIECE EST INDIQUE DANS LE PRESENT MANUEL OU DANS DES SUPPLEMENTS PUBLIES PAR SONY. LES REGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRESENT MANUEL. SUIVRE CES PROCEDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONTIONNEMENT SUSPECTE.

TABLE OF CONTENTS

The instructions given here are partial abstracts from the Operating Instruction Manual. The page numbers shown reflect those of the Operating Instruction Manual.

SECTION 1
GENERAL

Precautions

Installation

- Prevent internal heat build-up by allowing adequate air circulation. Do not place the monitor on surfaces (rugs, blankets, etc.) or near materials (curtains, draperies) that may block the ventilation holes.
- Do not install the monitor near heat sources such as radiators or air ducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration or shock.
- Do not place the monitor near equipment which generates magnetism, such as a transformer or high voltage power lines.

Maintenance

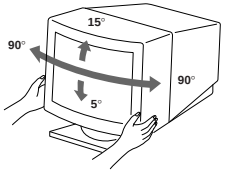
- Clean the cabinet, panel and controls with a soft cloth lightly moistened with a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent, such as alcohol or benzine.
- Do not rub, touch, or tap the surface of the screen with sharp or abrasive items such as a ballpoint pen or screwdriver. This type of contact may result in a scratched picture tube.
- Clean the screen with a soft cloth. If you use a glass cleaning liquid, do not use any type of cleaner containing an anti-static solution or similar additive as this may scratch the screen's coating.

Transportation

When you transport this monitor for repair or shipment, use the original carton and packing materials.

Use of the Tilt-Swivel

With the tilt-swivel, this monitor can be adjusted to the desired angle within 180° horizontally and 20° vertically. To turn the monitor vertically and horizontally, hold it at the bottom with both hands as illustrated below.



Warning on power connection

- Use an appropriate power cord for your local power supply.

Examples of plug types:

for 100 to 120 V AC | for 200 to 240 V AC | for 240 V AC only

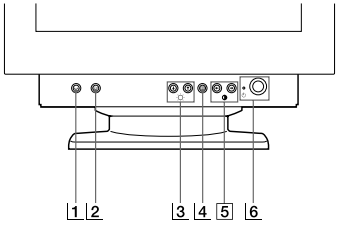
- Before disconnecting the power cord, wait at least 30 seconds after turning off the power to allow the static electricity on the CRT display surface to discharge.
- After the power has been turned on, the CRT is demagnetized (degaussed) for about 5 seconds. This generates a strong magnetic field around the metal frame, which may affect the data stored on magnetic tapes and disks near the bezel. Place magnetic recording equipment, tapes and disks away from this monitor.

The outlet should be installed near the equipment and be easily accessible.

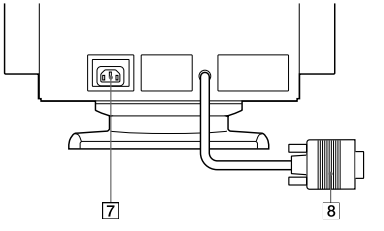
Identifying Parts and Controls

See the pages in parentheses for further details.

Front



Rear



1 **(reset) button (page 12)**
Resets the adjustments to the factory settings.

2 **EV button (page 13)**
Selects the Enhanced Video (EV) mode.

3 **(brightness) (↓/↑) buttons (pages 4 – 12)**
Adjust the picture brightness.

Function as the (↓/↑) buttons when adjusting other items.

4 **button (pages 5 – 13)**
Displays the MENU OSD.

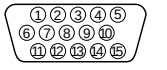
5 **(contrast) (←/→) buttons (pages 4 – 12, 17)**
Adjust the contrast.

Function as the (←/→) buttons when adjusting other items.

6 **(power) switch and indicator (pages 14, 17)**
Turns the monitor on or off.
The indicator lights up in green when the monitor is turned on, and lights up in orange when the monitor is in power saving mode.

7 **AC IN connector**
Provides AC power to the monitor.

8 **Video input connector (HD15)**
Inputs RGB video signals and SYNC signals.



Pin No.	Signal	Pin No.	Signal
1	Red	8	Blue Ground
2	Green (Composite Sync on Green)	9	—
		10	Ground
		11	ID (Ground)
3	Blue	12	Bi-Directional Data (SDA)*
4	ID (Ground)		
5	DDC Ground*	13	H. Sync
6	Red Ground	14	V. Sync
7	Green Ground	15	Data Clock(SCL)*

* Display Data Channel (DDC) Standard of VESA

EN

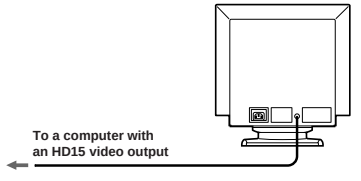
6556-03N/43N/03S/43S

Setup

This monitor works with platforms running at horizontal frequencies between 30 and 85 kHz.

Step 1: Connect the monitor to the computer

With the computer switched off, connect the video signal cable to the video output of the computer.

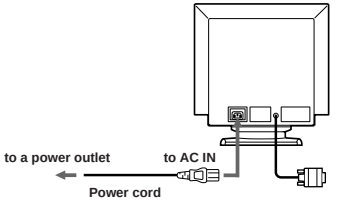


Note

Do not short the pins of the video signal cable.

Step 2: Connect the power cord

With the monitor switched off, connect one end of the proper power cord for your local supply to the monitor and the other end to a power outlet.



Step 3: Turn on the monitor and computer

The installation of your monitor is complete.

Note

If "OUT OF SCAN RANGE" or "NO INPUT SIGNAL" appears on the screen, see "Warning Messages" on page 15.

Before adjusting

• Connect the monitor and the computer, and turn them on.

Selecting the On-screen Display Language

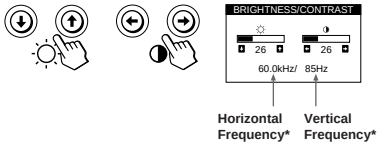
If you need to change the OSD language, see "Using the LANG (Language) On-screen Display" on page 12.
The default setting is English.

Adjusting the Picture Brightness and Contrast

Once the setting is adjusted , it will be stored in memory for all input signals received.

1 Press the ☼ (brightness) ↓/↑ or ◑ (contrast) ←/→ buttons.

The BRIGHTNESS / CONTRAST OSD appears.



2 For brightness adjustment

Press the ☼↓ / ↑ buttons.

↑ . . . for more brightness
↓ . . . for less brightness

For contrast adjustment

Press the ◑← / → buttons.

→ . . . for more contrast
← . . . for less contrast

The OSD automatically disappears after about 3 seconds.

To reset, press the ⇢ (reset) button while the OSD is on. The brightness and contrast are both reset to the factory settings.

* The horizontal and vertical frequencies for the received input signal appear in the BRIGHTNESS / CONTRAST OSD.

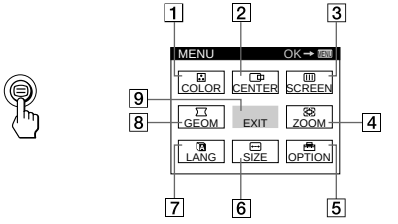
Introducing the On-screen Display System

Most adjustments are made using the MENU OSD.

MENU OSD

Press the ⊜ button to display the MENU OSD.

This MENU OSD contains links to the other OSDs described below.



1 **COLOR**
Displays the COLOR OSD for adjusting the color temperature.

2 **CENTER**
Displays the CENTER OSD for adjusting the centering of the picture.

3 **SCREEN**
Displays the SCREEN OSD for adjusting the vertical and horizontal convergence, etc.

4 **ZOOM**
Displays the ZOOM OSD for enlarging and reducing the picture.

5 **OPTION**
Displays the OPTION OSD for adjusting the OSD position and degaussing the screen, etc.

6 **SIZE**
Displays the SIZE OSD for adjusting the picture size.

7 **LANG**
Displays the LANGUAGE OSD for selecting the language.

8 **GEOM**
Displays the GEOMETRY OSD for adjusting the picture rotation and pincushion, etc.

9 **EXIT**
Closes the MENU OSD.

Using the CENTER On-screen Display

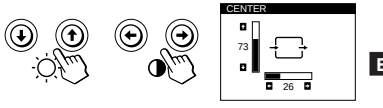
The CENTER settings allow you to adjust the centering of the picture.
Once the setting is adjusted, it will be stored in memory for the current input signal.

1 Press the ⊜ button.

The MENU OSD appears.

2 Press the ☼↓/↑ and ◑←/→ buttons to select " CENTER," and press the ⊜ button again.

The CENTER OSD appears.



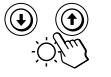
3 For horizontal adjustment

Press the ◑← / → buttons.

→ . . . to move the picture right
← . . . to move the picture left

For vertical adjustment

Press the ☼↓ / ↑ buttons.



↑ . . . to move the picture up
↓ . . . to move the picture down

The OSD automatically disappears after about 30 seconds.
To close the OSD, press the ⊜ button again.

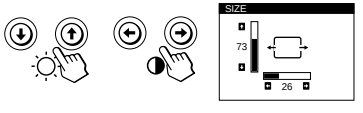
To reset, press the ⇢ (reset) button while the OSD is on. The horizontal and vertical centerings are both reset to the factory settings.

Using the SIZE On-screen Display

The SIZE settings allow you to adjust the size of the picture. Once the setting is adjusted, it will be stored in memory for the current input signal.

1 Press the ⊜ button.
The MENU OSD appears.

2 Press the ☼↓/↑ and ◑←/→ buttons to select " ⟷ SIZE," and press the ⊜ button again.
The SIZE OSD appears.



3 For horizontal adjustment
Press the ◑←/→ buttons.

→ . . . to increase picture width
← . . . to decrease picture width

For vertical adjustment
Press the ☼↓/↑ buttons.

↑ . . . to increase picture height
↓ . . . to decrease picture height

The OSD automatically disappears after about 30 seconds. To close the OSD, press the ⊜ button again.

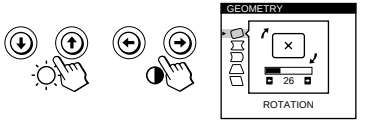
To reset, press the ⇢ (reset) button while the OSD is on. The horizontal and vertical sizes are both reset to the factory settings.

Using the GEOM (Geometry) On-screen Display

The GEOM (geometry) settings allow you to adjust the shape and orientation of the picture.
Once the rotation is adjusted, it will be stored in memory for all input signals received. All other adjustments will be stored in memory for the current input signal.

1 Press the ⊜ button.
The MENU OSD appears.

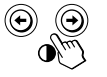
2 Press the ☼↓/↑ and ◑←/→ buttons to select " ▱ GEOM," and press the ⊜ button again.
The GEOMETRY OSD appears.



3 Press the ☼↓/↑ buttons to select the item you want to adjust.

Select	To
ROTATION	adjust the picture rotation
PINCUSHION	adjust the picture sides
PIN BALANCE	adjust the picture side balance
KEYSTONE	adjust the picture width
KEY BALANCE	adjust the picture shape balance

4 Press the ◑←/→ buttons to adjust the settings.



For	Press
ROTATION	→ . . . to rotate the picture clockwise  ← . . . to rotate the picture counterclockwise 
PINCUSHION	→ . . . to expand the picture sides  ← . . . to contract the picture sides 
PIN BALANCE	→ . . . to move the picture sides to the right  ← . . . to move the picture sides to the left 
KEYSTONE	→ . . . to increase the picture width at the top  ← . . . to decrease the picture width at the top 
KEY BALANCE	→ . . . to move the top of the picture to the right  ← . . . to move the top of the picture to the left 

The OSD automatically disappears after about 30 seconds. To close the OSD, press the ⊜ button again.

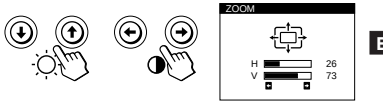
To reset, press the ⇢ (reset) button while the OSD is on. The selected item is reset to the factory setting.

Using the ZOOM On-screen Display

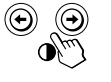
The ZOOM settings allow you to enlarge or reduce the picture.
Once the setting is adjusted, it will be stored in memory for the current input signal.

1 Press the ⊜ button.
The MENU OSD appears.

2 Press the ☼↓/↑ and ◑←/→ buttons to select " ⊞ ZOOM," and press the ⊜ button again.
The ZOOM OSD appears.



3 Press the ◑←/→buttons to adjust the picture zoom.



→ . . . to enlarge the picture
← . . . to reduce the picture

The OSD automatically disappears after about 30 seconds. To close the OSD, press the ⊜ button again.

To reset, press the ⇢ (reset) button while the OSD is on.

Note
The picture zoom adjustment will stop as soon as either the horizontal or vertical size reaches its maximum or minimum value.

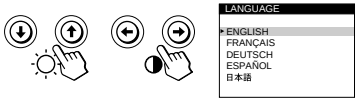
EN

Using the LANG (Language) On-screen Display

English, French, German, Spanish and Japanese versions of the OSDs are available.

1 Press the ⊜ button.
The MENU OSD appears.

2 Press the ☼↓/↑ and ◑←/→ buttons to select "🅰 LANG," and press the ⊜ button again.
The LANGUAGE OSD appears.



3 Press the ☼↓/↑ buttons to select the desired language.

ENGLISH: English, FRANÇAIS: French,
DEUTSCH: German, ESPAÑOL: Spanish,
or 日本語 : Japanese.

The OSD automatically disappears after about 30 seconds. To close the OSD, press the ⊜ button again.

To reset to English, press the ⇢ (reset) button while the OSD is on.

Resetting the Adjustments

Resetting an adjustment item

1 Press the ⊜, ☼↓/↑ and ◑←/→buttons to select the OSD containing the item you want to reset.

2 Press the ☼↓/↑ buttons to select the item you want to reset.

3 Press the ⇢ (reset) button.

Resetting all of the adjustment data for the current input signal

When there is no OSD displayed, press the ⇢ (reset) button.
All of the adjustments data for the current input signal is reset to the factory settings.
Note that adjustment data not affected by changes in input signal (OSD language , OSD position and the control lock function) is not reset to the factory settings.

Resetting all of the adjustment data for all input signals

Press and hold the ⇢ (reset) button for more than two seconds.
All of the adjustment data is reset to the factory settings.

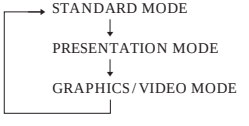
Selecting the Enhanced Video (EV) Mode

The Enhanced Video (EV) button allows you to automatically change the characteristics of the picture on the screen to match the use of your monitor. Simply press the EV button to scroll between the three modes.

1 Turn on the monitor and computer.

2 Press the EV button to set the mode.

Each time you press the EV button, the mode appears on the screen and changes as follows.



The STANDARD MODE is ideal for spreadsheets, word processing, and other text oriented applications.

The PRESENTATION MODE is useful for presentation programs that require vivid colors.

The GRAPHICS/VIDEO MODE gives movies and games enhanced visual appeal by increasing the sharpness and brightness.

The selected mode indication appears on the screen for about 3 seconds.

If the screen appears too white, adjust the color temperature as explained in "Using the COLOR On-screen Display" on page 8.

Preset Modes

No.	Resolution (dots × lines)	Horizontal Frequency	Vertical Frequency	Graphics Mode
1	640 × 480	31.5 kHz	60 Hz	VGA
2	640 × 480	37.5 kHz	75 Hz	VESA
3	640 × 480	43.3 kHz	85 Hz	VESA
4	800 × 600	46.9 kHz	75 Hz	VESA
5	800 × 600	53.7 kHz	85 Hz	VESA
6	1024 × 768	60.0 kHz	75 Hz	VESA
7	1024 × 768	68.7 kHz	85 Hz	VESA
8	1280 × 1024	80.0 kHz	75 Hz	VESA

Displaying the Monitor's Information

You can display the model name, serial number and year of manufacture using the monitor's INFORMATION OSD.

Press and hold the ⊜ button for 5 seconds.
The INFORMATION OSD appears.

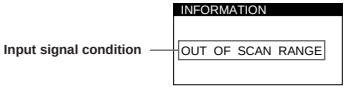
Example:

The INFORMATION OSD includes the model name, serial number and manufactured year.

The OSD automatically disappears after about 30 seconds.

Warning Messages

If there is something wrong with the input signal, one of the following messages appears.



The input signal condition

"OUT OF SCAN RANGE" indicates that the input signal is not supported by the monitor's specifications.

"NO INPUT SIGNAL" indicates that no signal is input.

To solve these problems, see "Troubleshooting" below.

Troubleshooting

This section may help you isolate the cause of a problem and as a result, eliminate the need to contact technical support.

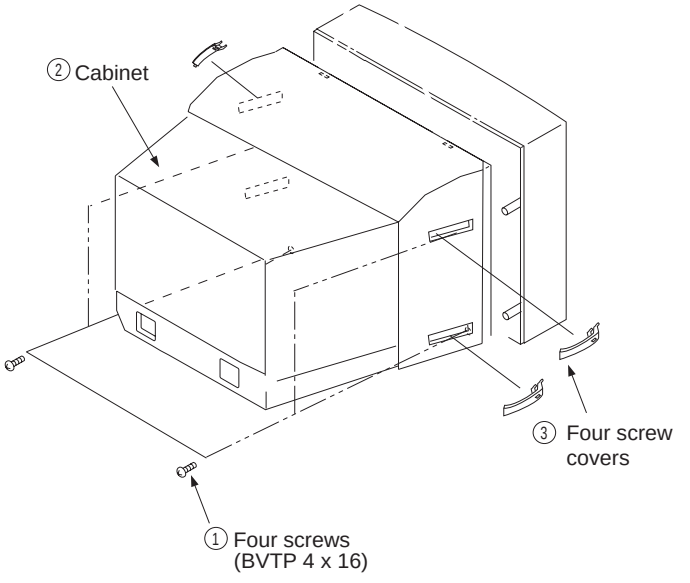
Symptom	Check these items
No picture	
If the ⏻ indicator is not lit	• Check that the power cord is properly connected. • Check that the ⏻ (power) switch is in the "on" position.
If the "NO INPUT SIGNAL" message appears on the screen, or if the ⏻ indicator is either orange or alternating between green and orange	• The screen is blank when the monitor is in power saving mode. Try pressing any key on the computer keyboard. • Check that your computer power switch is in the "on" position. • Check that the video signal cable is properly connected and all plugs are firmly seated in their sockets. • Ensure that no pins are bent or pushed in the HD15 video input connector. • Check that the video board is completely seated in the proper bus slot.
If the "OUT OF SCAN RANGE" message appears on the screen	• Check that the video frequency range is within that specified for the monitor. (Horizontal: 30 – 85 kHz, Vertical: 50 – 150 Hz) Refer to your computer's instruction manual to adjust the video frequency range. • If you are using a video signal cable adapter, check that it is the correct one.
If no message is displayed and the ⏻ indicator is green or flashing orange	• See "Self-diagnosis Function" (page 17).
Picture is scrambled	• Check your graphics board manual for the proper monitor setting. • Check this manual and confirm that the graphics mode and the frequency you are trying to operate at is supported. Even if the frequency is within the proper range, some video boards may have a sync pulse that is too narrow for the monitor to sync correctly.
Color is not uniform	• Degauss the monitor (page 10). If you place equipment which generates a magnetic field, such as a loudspeaker, near the monitor, or you change the direction of the monitor, color may lose uniformity. The degauss function demagnetizes the metal frame of the CRT to obtain a neutral field for uniform color reproduction. If a second degauss cycle is needed, allow a minimum interval of 20 minutes for the best result.
You cannot adjust the monitor with the buttons on the front panel	• If the control lock function is set to on, set it to off using the OPTION OSD (page 11).

Symptom	Check these items
Screen image is not centered or sized properly	• Adjust the size or centering (pages 5 – 6). • Some video modes do not fill the screen to the edges. This problem tends to occur with certain video boards.
Edges of the image are curved	• Adjust the geometry (pages 6 – 7).
White lines show red or blue shadows at edges	• Adjust the convergence (pages 9 – 10).
Picture is fuzzy	• Adjust the contrast and brightness (page 4). • Degauss the monitor (page 10). If you place equipment which generates a magnetic field, such as a loudspeaker, near the monitor, or you change the direction of the monitor, color may lose uniformity. The degauss function demagnetizes the metal frame of the CRT to obtain a neutral field for uniform color reproduction. If a second degauss cycle is needed, allow a minimum interval of 20 minutes for the best result. • If red or blue shadows appear along the edges of images, adjust the convergence (pages 9 – 10). • If the moire is cancelled, the picture may become fuzzy. Decrease the moire cancellation effect (pages 9 – 10).
Picture bounces or has wavy oscillations	• Isolate and eliminate any potential sources of electric or magnetic fields. Common causes for this symptom are electric fans, fluorescent lighting or laser printers. • If you have another monitor close to this monitor, increase the distance between them to reduce the interference. • Try plugging the monitor into a different AC outlet, preferably on a different circuit. • Try the monitor on a different computer in a different room.
Picture is flickering	• Set the refresh rate on the computer to obtain the best possible picture by referring to your computer's manual.
Picture appears to be ghosting	• Eliminate the use of video cable extensions and / or video switch boxes if this symptom occurs. Excessive cable length or a weak connection can produce this symptom.
Wavy or elliptical (moire) pattern is visible	• Cancel the moire (pages 9 – 10). The moire may be modified depending on the connected computer. • Due to the relationship between resolution, monitor dot pitch and the pitch of some image patterns, certain screen backgrounds sometimes show moire. Change your desktop pattern.
Two fine horizontal lines (wires) are visible	• These wires stabilize the vertically striped aperture grille (page 14). This aperture grille allows more light to pass through to the screen giving the Trinitron CRT more color and brightness.
Hum is heard right after the power is turned on	• When the power is turned on, the auto-degauss cycle is activated. While the auto-degauss cycle is activated, a hum may be heard. The same hum is heard when the monitor is manually degaussed. This is not a malfunction.

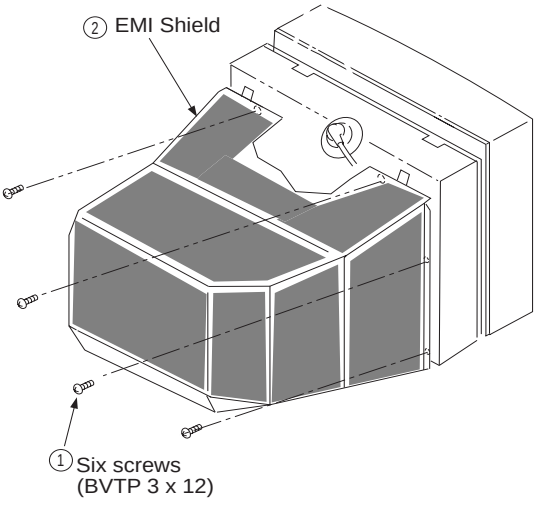
6556-03N/43N/03S/43S

SECTION 2
DISASSEMBLY

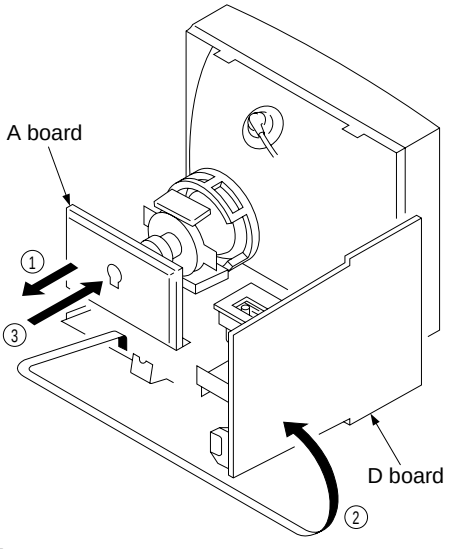
2-1. CABINET REMOVAL



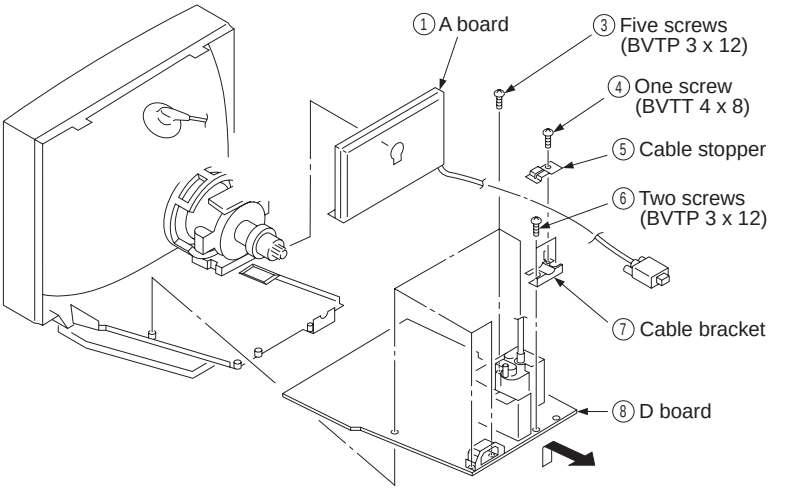
2-2. EMI SHIELD REMOVAL



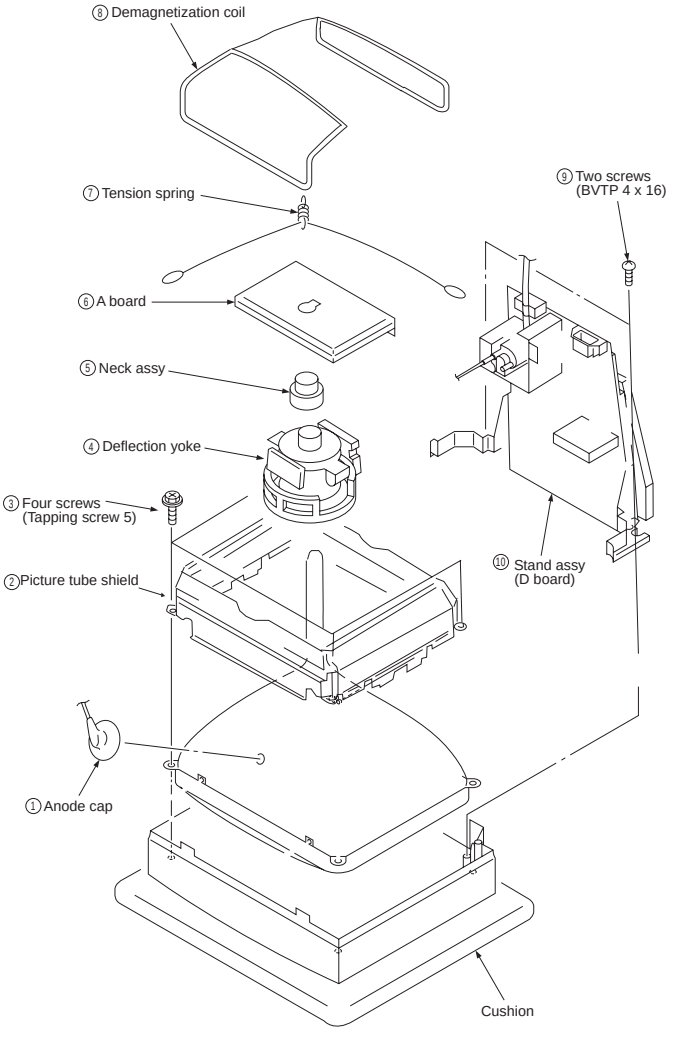
2-3. SERVICE POSITION



2-4. D and A BOARD REMOVAL



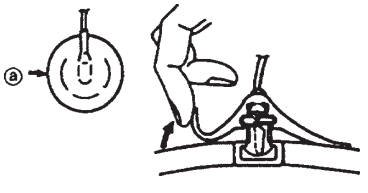
2-5. PICTURE TUBE REMOVAL



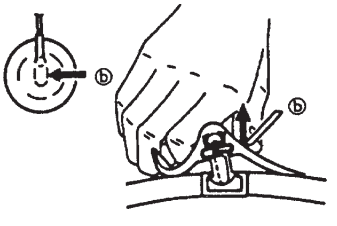
REMOVAL OF THE ANODE-CAP

NOTE: Short circuit the anode of the picture tube and the anode cap to the metal chassis, CRT shield or carbon painted on the CRT, after removing the anode.

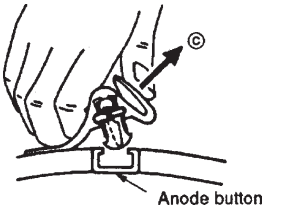
REMOVAL PROCEDURES



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



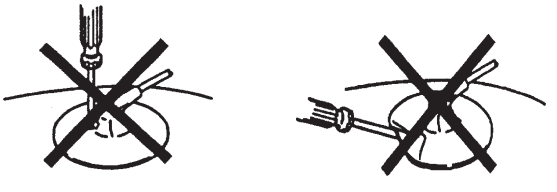
② Use your thumb to pull the rubber cap firmly in the direction indicated by arrow ⓑ.



③ When one side of the rubber cap separates from the anode button, the anode-cap can be removed by turning the rubber cap and pulling it in the direction of arrow ⓒ.

HOW TO HANDLE AN ANODE-CAP

① Do not use sharp objects which may cause damage to the surface of the anode-cap.
② Do not squeeze the rubber covering too hard to avoid damaging the anode-cap. A material fitting called a shatter-hook terminal is built into the rubber.
③ Do not force turn the foot of the rubber cover. This may cause the shatter-hook terminal to protrude and damage the rubber.



SECTION 3
SAFETY RELATED ADJUSTMENT

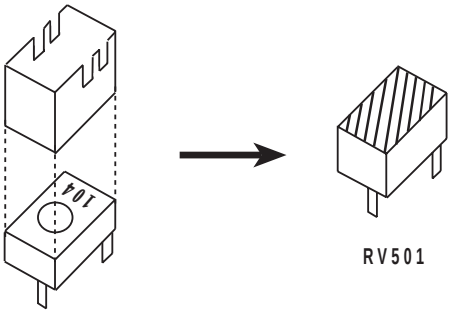
● **When replacing parts shown in the table below, the following operational checks must be performed as a safety precaution against X-ray emissions from the unit.**

D - BOARD
Part Replaced (⋈)
RV501
Part Replaced (◪)
RV501, T501, R545, R546, R548, R550, R547, R549, R552, D517, IC605, IC901, C540, C542, C544, C541, C535, IC501, C558, R567, R564, C555, C553, C554, C561

※ Allow the unit to warm up for one minute prior to checking the following conditions:

a) HV Regulator Check

1) Input white cross hatch signal. (fH = 64 kHz)
2) Minimum CONT and BRT controls.
3) Cut off Screen VR (G2).
4) Input voltage: 120 + 2 VAC
5) Confirm that the voltage is within the voltage range shown below.
   Standard voltage: 25.0KV + 0.5KV
6) When replacing components identified by ◪, make sure to recheck the High Voltage.
7) Verify the High Voltage as shown above (25.0KV + 0.5KV) is within specification. If not, set H. SIZE data at minimum (-127) and then adjust RV501 on "D" Board.
8) After adjusting the High Voltage within specification, put the RV cover on RV501 as shown below and apply sufficient amount of RTV around RV501.



b) HV Hold-Down Check

1) Using an external DC Power supply, apply the voltage shown below between cathode of D517 on "D" Board and GND, and confirm that the HV Hold-Down circuit works. (Raster disappears)
   Apply DC Voltage: 31.4 + 0.01 VDC

Check Condition

- Input voltage : 120 + 2 VAC
- Input signal : (fH = 64 kHz), White Cross Hatch
- Controls : CONT (max) & BRT (center)
- B+ Voltage : 185 + 3.0 VDC

c) Beam Protector Check (Software logic)

1) Using an external DC power supply, apply the voltage 8.8 + 0.01 VDC between pin (11) of FBT (T501) and GND, and confirm that the voltage across C541 is 3.7 VDC or less.

Check Condition

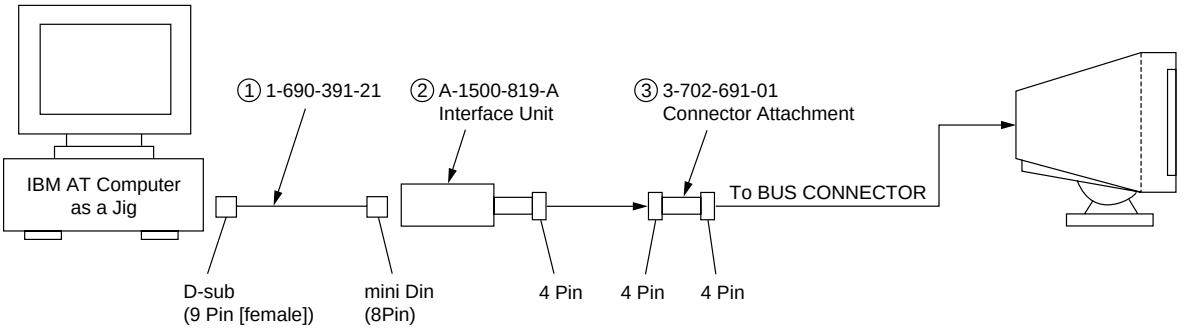
- Input voltage : 120 + 2 VAC
- Input signal : (fH = 64 kHz), White Cross Hatch
- Controls : CONT (max) & BRT (center)

d) B+ MAX. Check

1) Input white cross hatch (fH = 64 kHz) signal.
2) CONT (max) & BRT (center)
3) Input voltage: 120 + 2 VAC
   Note: Use NF power supply or make sure that distortion factor is 3% or less.
4) Confirm that the voltage is within the voltage range shown below.
   Standard voltage: 185 + 3.0 VDC

SECTION 4
ADJUSTMENTS

Connect the communication cable of the connector located on the D board on the monitor. Run the service software and then follow the instructions.



*The parts above (①~③) are necessary for DAS adjustment.

※ Allow a 30 minute warm-up period prior to making the following adjustments:

● Landing Rough Adjustment

1. Enter the full white signal.
2. Adjust the contrast to the maximum.
3. Input full green signal.
4. Moving the DY backward, and adjust coarsely the purity magnet so that a green raster positions in the center of screen.
5. Moving the DY forward, adjust so that an entire screen becomes pure green.
6. Adjust the tilt of DY, and tighten lightly with a clamp.

● Landing Fine Adjustment

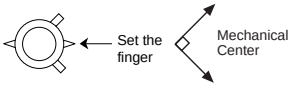
1. Place the set in the Helmholtz coil.
2. Enter a green signal only.
3. Degauss the entire screen with hand-degausser. Then auto-degauss it.
4. Attach a wobbling coil to the specified position of CRT neck.
5. Attach a landing adjuster sensor on the CRT.
6. Using a landing checker, adjust the DY position, purity, tilt of DY.
7. Clamp the DY screw.
   Clamping torque: 22 + 2 kgcm (2.2+ 0.2 N.m)

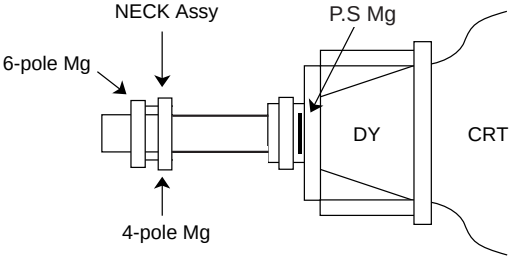
● Convergence Rough Adjustment

1. All digital convergence data should be zero by MCP.
2. Enter the white crosshatch signal.
3. Adjust roughly the horizontal and vertical convergence at four-pole magnet.
4. Adjust roughly HMC and VMC at six-pole magnet.

● Convergence Fine Adjustment

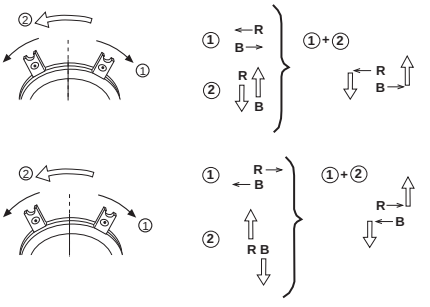
Set DY four-pole magnet to mechanical center before adjustment.
This should be prime mode.





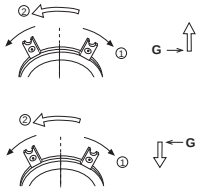
1. Receive R.B. cross-hatch.
2 Adjust H.STAT and V.STAT at four-pole magnet.

Four-Pole Magnet



3. Receive White cross-hatch.
4. Adjust HMC and VMC at six-pole magnet.

Six-Pole Magnet

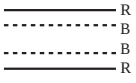


5. Receive R.B. cross-hatch.
6. Adjust H.TILT by swinging the DY neck right and left.
7. Adjust XCV with XCV core.

XCV movement

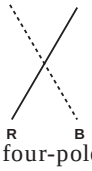
8. Adjust V.TILT with TLV VR.

TLV movement



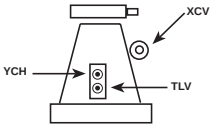
9. Adjust Y.CROSS with YCH VR.

YCH movement



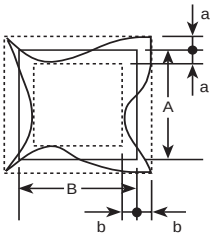
10. Paint lock the four-pole and six-pole magnet.

VR Adjustment on DY



Zero Position NECK Ass'y

● Vertical and Horizontal Position and Size Specification

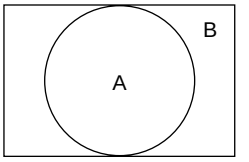


a < 2.5 mm
b < 2.5 mm

A	B
202	270

● Convergence Specification

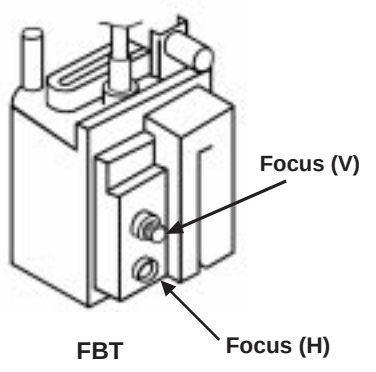
Horizontal and Vertical



A ≦ **0.30mm**
B ≦ **0.30mm**

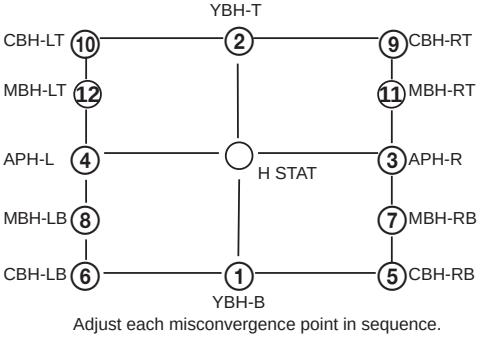
● Focus adjustment

Adjust focus (V) and focus (H) for optimum focus.



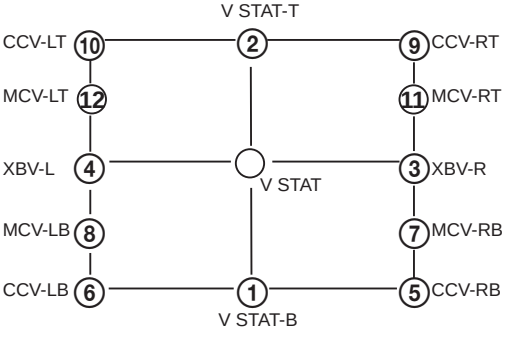
11. Digital Convergence Adjustment

A. Horizontal Convergence



Adjust each misconvergence point in sequence.

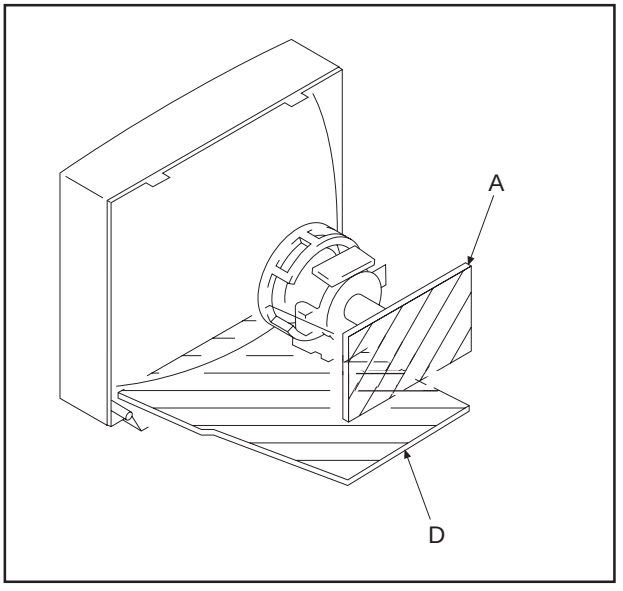
B. Vertical Convergence



Adjust each misconvergence point in sequence.

C. Repeat the procedure of A and B so that the convergence of the whole screen is within the specification.

5-2. CIRCUIT BOARDS LOCATION



5-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note:

- All capacitors are in µF unless otherwise noted. pF: µµF 50 WV or less are not indicated except for electrolytic.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

  Pitch: 5 mm
  Rating electrical power 1/4 W (CHIP: 1/10 W)

- All resistors are in ohms.
- : nonflammable resistor.
- : fusible resistor.
- Δ : internal component.
- : panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- ⊥ : earth-ground.
- ⏚ : earth-chassis.
- The components identified by ⧓ in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation. Should replacement be required, replace only with the value originally used.
- When replacing components identified by ◪, make the necessary adjustments by using RV501 (⧓) as indicated. (See page 12)

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

Note: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

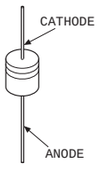
- When replacing parts shown in the table below, be sure to perform the safety related adjustment.

D - BOARD
Part Replaced (⧓)
RV501
Part Replaced (◪)
RV501, T501, R545, R546, R548, R550, R547, R549, R552, D517, IC605, IC901, C540, C542, C544, C541, C535, IC501, C558, R567, R564, C555, C553, C554, C561

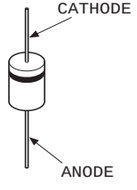
- All voltages are in volts.
- Readings are taken with a 10 MΩ digital multimeter
- Readings are taken with a color-bar signal input.
- Voltage variations may be noted due to normal production tolerances.
- * : Cannot be measured.
- Circled numbers are waveform references.
- ——— : B +bus.
- — — — : B - bus.

5-4. SEMICONDUCTORS

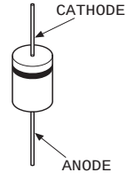
RB441QT-77
RD4.7ES
RD5.1ES
RD5.6ES-B2
RD8.2ES-B2
RD10ES-B2
RD12ES-B2
RD18ES-BS
RD27ES-B2
1SS119-25TD



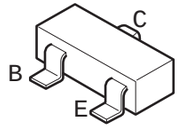
EGP10D
EGP20GPKG23
ELIZ
ERB91-02
GP08D
MUR160
RGP02-17EL



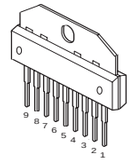
UF3ML-6505
UF4007G23
RGP02-20EL-6394
3DL41A (LC6-15)
HSS 82



EGP30D
2SA1162-G



TDA6103Q



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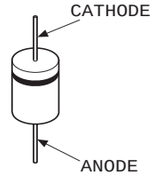

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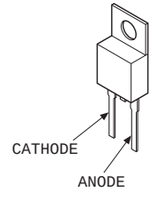
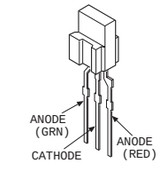


SPB-26



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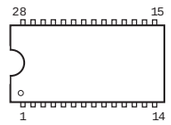

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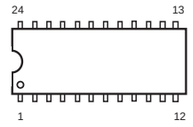

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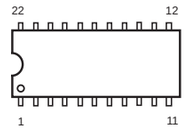

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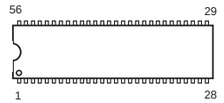

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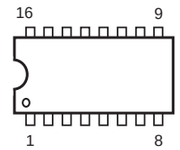

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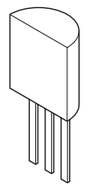

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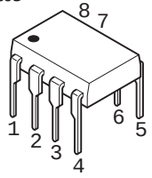

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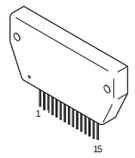

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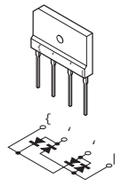

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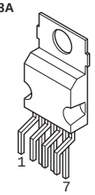

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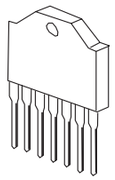

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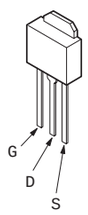

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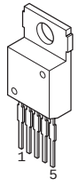

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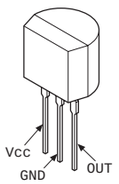

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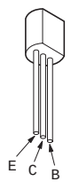

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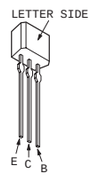

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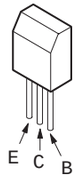

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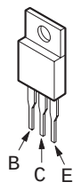

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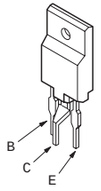

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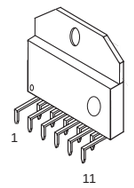

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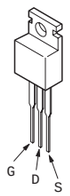

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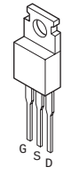

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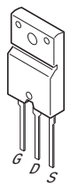

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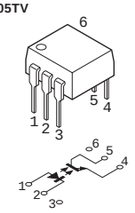

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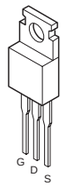

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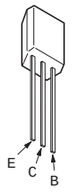


SECTION 6
EXPLODED VIEWS

• Items with no part number and no description are not stocked because they are seldom required for routine service.

• The component parts of an assembly are indicated by the reference numbers in the remarks column.

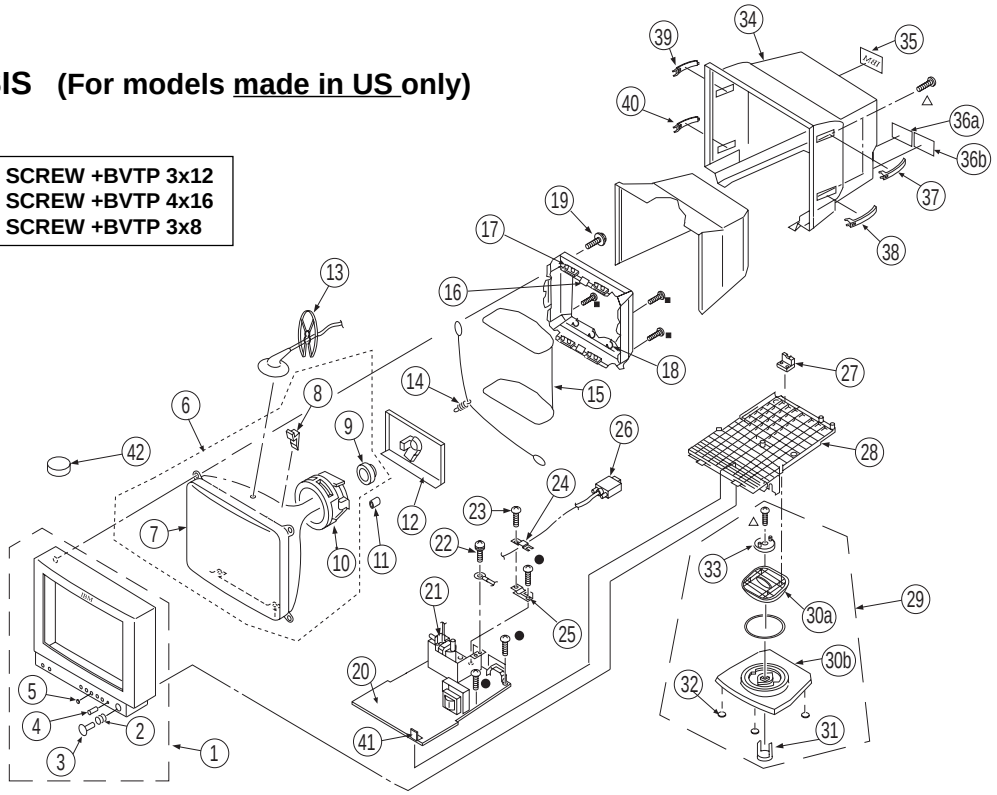
• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note:

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

6-1. CHASSIS (For models made in US only)

●	7-685-648-79	SCREW +BVTP 3x12
△	7-685-663-71	SCREW +BVTP 4x16
■	7-685-646-79	SCREW +BVTP 3x8



REF.NO.		PART NO.	DESCRIPTION	REMARK
1		X-4035-251-1	BEZEL ASSY (6556-03N/03S)	2-5
1		X-4035-393-1	BEZEL ASSY (6556-43N/43S)	2-5
2		3-653-339-21	SPRING, COMPRESSION	
3		4-062-724-01	BUTTON, POWER (6556-03N/03S)	
3		4-062-724-11	BUTTON, POWER (6556-43N/43S)	
4		4-062-727-01	GUIDE, LIGHT	
5		4-062-734-01	CAP, BUTTON (6556-03N/03S)	
5		4-062-734-11	CAP, BUTTON (6556-43N/43S)	
6	⚠	8-738-733-83	ITC ASSY, 17FRFM-R3	7-10
7	⚠	8-738-733-05	CRT, 17FRFM (M41LKN15X) (NH/AEP/J)	
7	⚠	8-738-728-05	CRT, 17FRFM (M41LKN15X) (SH)	
8		4-040-897-01	SPACER, DY	
9	⚠	1-452-923-21	NECK ASSY (NA-2914)	
10	⚠	8-451-490-21	DY Y17FRJ3-X	
11		1-500-386-11	FILTER CLAMP (FERRITE CORE)	
12	*	A-1298-507-A	A BOARD, COMPLETE	
13		3-704-372-31	HOLDER, HV CABLE	
14	*	4-061-573-01	SPRING, TENSION	
15	⚠	1-416-282-21	COIL, DEMAGNETIZATION	
16		4-041-758-02	HOLDER, DEGAUSSING COIL (2)	
17	*	4-056-260-01	SPACER, DEGAUSSER COIL	
18		4-041-021-02	HOLDER, DEGAUSSING COIL (6)	
19		4-365-808-01	SCREW (5), TAPPING	
20	*	A-1346-732-A	D BOARD, COMPLETE	
21	⚠	1-453-241-11	TRANSFORMER ASSY, FLYBACK (NX-4400//X4L4)	
22		4-389-025-01	SCREW (M4x8)(EXT. TOOTHWASHER)	
23		7-685-881-09	SCREW + BVTT 4x8 (S)	
24	*	4-045-131-01	STOPPER, CABLE	
25	*	4-045-130-01	BRACKET, CABLE	
26	*	1-783-255-11	CABLE ASSY, VIDEO (NH, AEP, J) (6556-43N)	
27	*	4-062-728-01	COVER, CABLE (6556-03N/03S)	
27	*	4-062-728-11	COVER, CABLE (6556-43N/43S)	
28	*	4-060-541-21	BRACKET, CHASSIS	
29		X-4035-253-1	STAND BASE, ASSY (6556-03N/03S)	30-33
29		X-4035-395-1	STAND BASE, ASSY (6556-43N/43S)	30-33
30		4-060-534-21	SLIDER (6556-03N/03S)	
30		4-060-534-31	SLIDER (6556-43N/43S)	
31		4-041-621-21	STOPPER (B)	
32	*	4-060-533-01	CUSHION (4)	
33		4-060-531-01	STOPPER (A)	
34	*	X-4035-252-1	CABINET ASSY (6556-03N/03S)	34-35
34	*	X-4035-394-1	CABINET ASSY (6556-43N/43S)	34-35
35	*	4-062-733-01	BADGE, IBM	
36a	*	4-062-737-01	LABEL, INFORMATION A (NH, SH, J)	
36a	*	4-064-140-01	LABEL, INFORMATION A (AEP)	
36b	*	4-064-141-01	LABEL, INFORMATION B	
37		4-062-729-01	COVER, SCREW (UL) (6556-03N/03S)	
37		4-062-729-11	COVER, SCREW (UL) (6556-43N/43S)	
38		4-062-731-01	COVER, SCREW (LL) (6556-03N/03S)	
38		4-062-731-11	COVER, SCREW (LL) (6556-43N/43S)	
39		4-062-730-01	COVER, SCREW (UR) (6556-03N/03S)	
39		4-062-730-11	COVER, SCREW (UR) (6556-43N/43S)	
40		4-062-732-01	COVER, SCREW (LR) (6556-03N/03S)	
40		4-062-732-11	COVER, SCREW (LR) (6556-43N/43S)	
41	*	4-394-972-21	POWER, CAP	
42		1-452-032-00	MAGNET, DISC	

• Items with no part number and no description are not stocked because they are seldom required for routine service.

• The component parts of an assembly are indicated by the reference numbers in the remarks column.

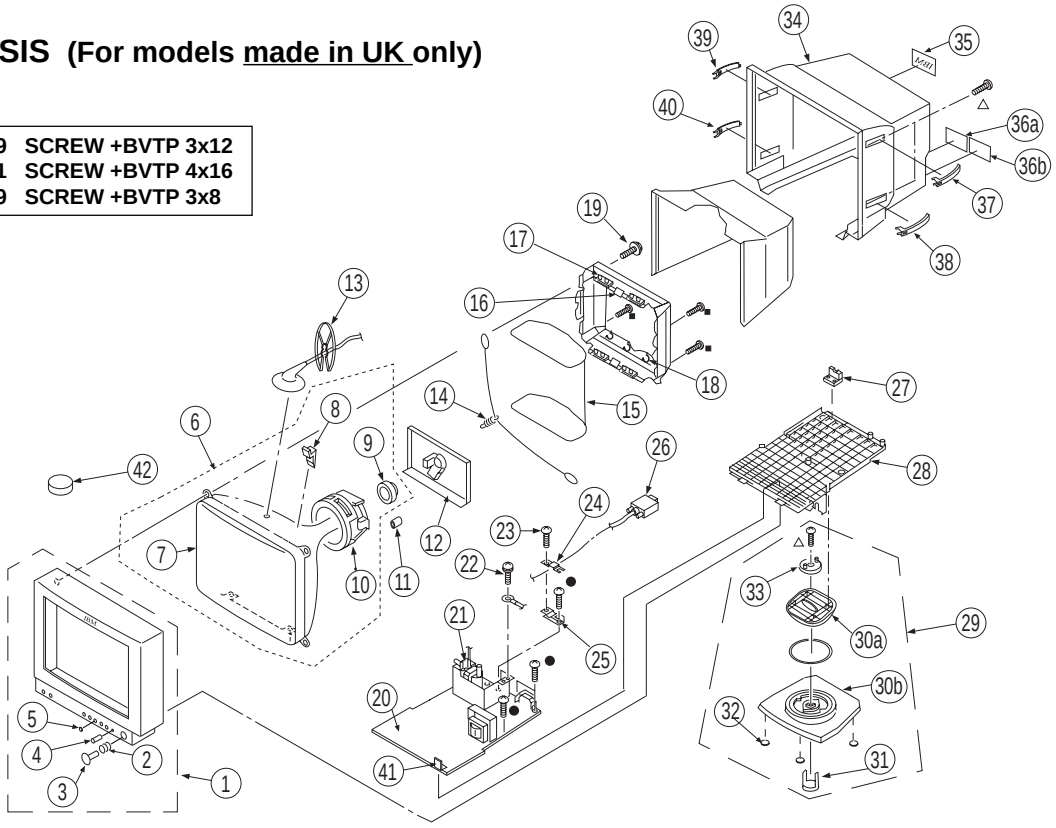
• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note:

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

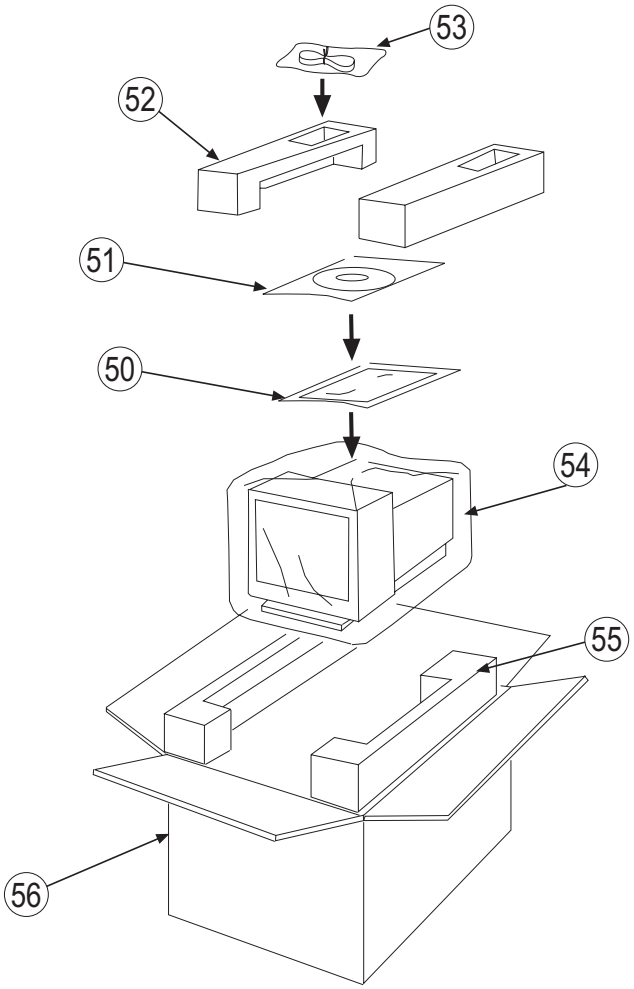
6-2. CHASSIS (For models made in UK only)

●	7-685-648-79	SCREW +BVTP 3x12
△	7-685-663-71	SCREW +BVTP 4x16
■	7-685-646-79	SCREW +BVTP 3x8



REF.NO.		PART NO.	DESCRIPTION	REMARK
1		X-4035-558-1	BEZEL ASSY (6556-03N)	2-5
1		X-4035-562-1	BEZEL ASSY (6556-43N)	2-5
2		3-653-339-11	SPRING, COMPRESSION	
3		4-064-371-01	BUTTON, POWER	
4		4-064-374-01	GUIDE, LIGHT	
5		4-064-375-01	CAP, BUTTON	
6	⚠	8-738-733-82	ITC ASSY, 17FRFM-R3	7-10
7	⚠	8-738-734-05	CRT, 17FRFM (M41LKN15X)	
8		4-040-897-01	SPACER, DY	
9	⚠	1-452-923-21	NECK ASSY (NA-2914)	
10	⚠	8-451-490-11	DY Y17FRJ3-X	
11		1-500-386-11	FILTER CLAMP (FERRITE CORE)	
12	*	A-1298-556-A	A BOARD, COMPLETE	
13		4-202-693-01	HOLDER, HV CABLE	
14	*	4-047-316-01	SPRING, TENSION	
15	⚠	1-416-282-21	COIL, DEMAGNETIZATION	
16		4-041-758-02	HOLDER, DEGAUSSING COIL (2)	
17	*	4-056-260-01	SPACER, DEGAUSSER COIL	
18		4-041-021-02	HOLDER, DEGAUSSING COIL (6)	
19		4-203-648-01	SCREW (5), TAPPING	
20	*	A-1346-746-A	D BOARD, COMPLETE	
21	⚠	1-453-241-11	TRANSFORMER ASSY, FLYBACK (NX-4400//X4L4)	
22		4-389-025-01	SCREW (M4x8)(EXT. TOOTHWASHER)	
23		7-685-881-09	SCREW + BVTT 4x8 (S)32	
24	*	4-045-131-11	STOPPER, CABLE	
25	*	4-045-130-21	BRACKET, CABLE	
26	*	1-783-254-11	CABLE ASSY, VIDEO (6556-03N)	
26	*	1-783-255-11	CABLE ASSY, VIDEO (6556-43N)	
27	*	4-064-350-01	COVER, CABLE (6556-03N)	
27	*	4-064-350-11	COVER, CABLE (6556-43N)	
28	*	4-060-891-11	BRACKET, CHASSIS	
29		X-4035-557-1	STAND BASE, ASSY (6556-03N)	30-33
29		X-4035-561-1	STAND BASE, ASSY (6556-43N)	30-33
30		4-064-368-01	SLIDER	
31		4-041-621-01	STOPPER (B)	
32	*	4-060-533-01	CUSHION (4)	
33		4-060-340-01	STOPPER (A)	
34	*	4-064-376-01	CABINET (6556-03N)	
34	*	4-064-376-11	CABINET (6556-43N)	
35	*	4-064-344-11	BADGE, IBM	
36a	*	4-064-348-01	LABEL, INFORMATION A	
36b	*	4-064-349-01	LABEL, INFORMATION B	
37		4-064-351-01	COVER, SCREW (UL) (6556-03N)	
37		4-064-351-11	COVER, SCREW (UL) (6556-43N)	
38		4-064-353-01	COVER, SCREW (LL) (6556-03N)	
38		4-064-353-11	COVER, SCREW (LL) (6556-43N)	
39		4-064-352-01	COVER, SCREW (UR) (6556-03N)	
39		4-064-352-11	COVER, SCREW (UR) (6556-43N)	
40		4-064-354-01	COVER, SCREW (LR) (6556-03N)	
40		4-064-354-11	COVER, SCREW (LR) (6556-43N)	
41	*	4-394-972-21	POWER, CAP	
42		1-452-032-00	MAGNET, DISC	

6-3. PACKING MATERIALS (all models)



REF.NO.	PART NO.	DESCRIPTION	REMARK
50	3-861-946-01	MANUAL, INSTRUCTION (J, AEP made in US only)	
50	3-861-946-11	MANUAL, INSTRUCTION (NH, SH)	
50	3-862-756-11	MANUAL, INSTRUCTION (AEP made in UK only)	
51	4-063-796-11	DISK, IBM (made in US only except 6556-03N (NH))	
51	4-063-796-01	DISK, IBM (6556-03N (NH) only)	
52 *	4-062-955-01	CUSHION (UPPER) (made in US only)	
52 *	4-064-282-01	CUSHION (UPPER) (made in UK only)	
53 ⚠	1-783-507-11	CORD SET, POWER (6556-43N) (NH)	
53 ⚠	1-783-507-21	CORD SET, POWER (6556-03N) (NH)	
53 ⚠	1-783-533-11	CORD SET, POWER (J)	
54 *	4-063-449-01	BAG, PROTECTION	
55 *	4-062-956-01	CUSHION (LOWER) (made in US only)	
55 *	4-064-283-01	CUSHION (LOWER) (made in UK only)	
56 *	4-062-954-01	INDIVIDUAL CARTON (made in US only except 6556-03N (NH))	
56 *	4-062-954-11	INDIVIDUAL CARTON (6556-43N (NH) only)	
56 *	4-064-281-01	INDIVIDUAL CARTON (made in UK only)	

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SECTION 7
ELECTRICAL PARTS LIST

Note:

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

Note:

Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

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

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS
- All resistors are in ohms
- F : nonflammable

CAPACITORS
- MF = µF

INDUCTORS
- UH = µH, MMH = mH

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

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*** A-1298-507-A A BOARD, COMPLETE** (made in US only)
*** A-1298-556-A A BOARD, COMPLETE** (made in UK only)

4-382-854-11 SCREW (M3X10), P, SW (+)

CAPACITOR

REF.NO.	PART NO.	DESCRIPTION			REMARK
C001	1-162-318-11	CERAMIC	0.001MF	10%	500V
C002	1-106-220-00	MYLAR	0.1MF	10%	100V
C004	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C005	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C009	1-107-888-11	ELECT	47MF	20%	25V
C011	1-106-220-00	MYLAR	0.1MF	10%	100V
C013	1-107-909-11	ELECT	47MF	20%	16V
C014	1-107-932-11	ELECT	47MF	20%	100V
C015	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C016	1-128-528-11	ELECT	470MF	20%	16V
C018	1-107-961-91	ELECT	10MF	20%	250V
C019	1-130-495-00	FILM	0.1MF	5%	50V
C022	1-104-664-11	ELECT	47MF	20%	25V
C027	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C028	1-104-664-11	ELECT	47MF	20%	25V
C029	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C035	1-162-134-11	CERAMIC	470PF	10%	2KV
C042	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C044	1-164-344-11	CERAMIC CHIP	0.068MF	10%	25V
C046	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C047	1-104-664-11	ELECT	47MF	20%	25V
C048	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C049	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C050	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C051	1-104-664-11	ELECT	47MF	20%	25V
C053	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C054	1-137-528-11	FILM	0.1MF	10%	250V
C055	1-104-503-12	CERAMIC CHIP	0.1MF	10%	100V
C090	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C092	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C101	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C102	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C104	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C105	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C106	1-137-528-11	FILM	0.1MF	10%	250V
C112	1-163-231-11	CERAMIC CHIP	15PF	5%	50V
C201	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C202	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C204	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C205	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C206	1-137-528-11	FILM	0.1MF	10%	250V
C212	1-163-227-11	CERAMIC CHIP	10PF	5%	50V
C301	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C302	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C304	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C305	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C306	1-137-528-11	FILM	0.1MF	10%	250V
C312	1-163-231-11	CERAMIC CHIP	15PF	5%	50V

CONNECTOR

CN301	1-506-108-41	PIN, CONNECTOR (TERMINAL PIN)
CN302	1-695-915-11	TAB (CONTACT)
CN303	1-695-915-11	TAB (CONTACT)
CN305	1-564-511-11	PLUG, CONNECTOR 8P
CN306 *	1-564-509-11	PLUG, CONNECTOR 6P
CN307 *	1-564-512-11	PLUG, CONNECTOR 9P
CN309 *	1-564-510-11	PLUG, CONNECTOR 7P
CN310 *	1-564-507-11	PLUG, CONNECTOR 4P
CN311 *	1-564-506-11	PLUG, CONNECTOR 3P

DIODE

D001	8-719-109-89	DIODE RD5.6ESB2
D003	8-719-109-89	DIODE RD5.6ESB2
D014	8-719-911-19	DIODE 1SS119-25
D101	8-719-800-76	DIODE 1SS226
D104	8-719-970-83	DIODE HSS82

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

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REF.NO.	PART NO.	DESCRIPTION	REMARK
D105	8-719-970-83	DIODE HSS82	
D106	8-719-970-83	DIODE HSS82	
D201	8-719-800-76	DIODE 1SS226	
D204	8-719-970-83	DIODE HSS82	
D205	8-719-970-83	DIODE HSS82	
D206	8-719-970-83	DIODE HSS82	
D301	8-719-800-76	DIODE 1SS226	
D304	8-719-970-83	DIODE HSS82	
D305	8-719-970-83	DIODE HSS82	
D306	8-719-970-83	DIODE HSS82	
		FERRITE BEAD	
FB001	1-412-911-11	FERRITE	
FB004	1-412-911-11	FERRITE	
FB005	1-412-911-11	FERRITE	
FB006	1-412-911-11	FERRITE	
FB009	1-412-911-11	FERRITE	
FB010	1-412-911-11	FERRITE	
FB011	1-412-911-11	FERRITE	
FB012	1-412-911-11	FERRITE	
FB101 ⚠	1-216-295-91	SHORT	
FB102 ⚠	1-216-295-91	SHORT	
FB103 ⚠	1-500-104-21	FERRITE	
FB110	1-412-911-11	FERRITE	
FB201 ⚠	1-216-295-91	SHORT	
FB202 ⚠	1-216-295-91	SHORT	
FB203 ⚠	1-500-104-21	FERRITE	
FB210	1-412-911-11	FERRITE	
FB301 ⚠	1-216-295-91	SHORT	
FB302 ⚠	1-216-295-91	SHORT	
FB303 ⚠	1-500-104-21	FERRITE	
FB310	1-412-911-11	FERRITE	
		FILTER	
FL001	1-421-928-11	FILTER, NOISE	
FL002	1-412-911-11	FERRITE	
		IC	
IC001	8-752-076-89	IC CXA2055P	
IC002	8-759-435-33	IC LM2405T	
IC003	8-759-478-65	IC CXD8688P	
IC004	8-759-434-40	IC TDA6103Q/N3,112	
IC005	8-759-100-96	IC UPC4558G2	
IC006	8-752-082-65	IC CXA2093S	
		JACK	
J001 ⚠	1-251-598-11	SOCKET, CRT	

REF.NO.	PART NO.	DESCRIPTION			REMARK
		COIL			
L002	1-410-682-31	INDUCTOR	470UH		
L005	1-412-529-11	INDUCTOR	22UH		
L101	1-410-750-41	INDUCTOR	0.47UH		
L201	1-410-750-41	INDUCTOR	0.47UH		
L301	1-410-750-41	INDUCTOR	0.47UH		
		TRANSISTOR			
Q001	8-729-032-61	TRANSISTOR 2SC5022-02			
Q004	8-729-120-28	TRANSISTOR 2SC1623-L5L6			
		RESISTOR			
R002	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R003	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R004	1-216-055-00	RES,CHIP	1.8K	5%	1/10W
R005	1-216-113-00	RES,CHIP	470K	5%	1/10W
R006	1-216-025-91	RES,CHIP	100	5%	1/10W
R007	1-216-025-91	RES,CHIP	100	5%	1/10W
R014	1-216-025-91	RES,CHIP	100	5%	1/10W
R016	1-216-073-00	RES,CHIP	10K	5%	1/10W
R017	1-216-025-91	RES,CHIP	100	5%	1/10W
R018	1-216-025-91	RES,CHIP	100	5%	1/10W
R020	1-216-025-91	RES,CHIP	100	5%	1/10W
R021	1-216-025-91	RES,CHIP	100	5%	1/10W
R024	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R025	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R026	1-216-073-00	RES,CHIP	10K	5%	1/10W
R029	1-216-099-00	RES,CHIP	120K	5%	1/10W
R031	1-216-049-91	RES,CHIP	1K	5%	1/10W
R032	1-216-063-91	RES,CHIP	3.9K	5%	1/10W
R033	1-216-077-00	RES,CHIP	15K	5%	1/10W
R043	1-216-295-91	SHORT			
R045	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R046	1-216-097-91	RES,CHIP	100K	5%	1/10W
R047	1-216-073-00	RES,CHIP	10K	5%	1/10W
R048	1-211-885-21	METAL	2.2M	5%	1W
R049	1-216-095-00	RES,CHIP	82K	5%	1/10W
R051	1-216-049-91	RES,CHIP	1K	5%	1/10W
R052	1-216-073-00	RES,CHIP	10K	5%	1/10W
R053	1-219-621-91	METAL	22M	10%	1/4W
R054	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R064	1-202-830-00	SOLID	10K	20%	1/2W
R101	1-215-394-00	METAL	75	1%	1/4W
R104	1-216-021-00	RES,CHIP	68	5%	1/10W
R106	1-216-073-00	RES,CHIP	10K	5%	1/10W
R107	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R108	1-216-069-00	RES,CHIP	6.8K	5%	1/10W

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REF.NO.	PART NO.	DESCRIPTION			REMARK
R109	1-216-121-91	RES,CHIP	1M	5%	1/10W
R110	1-215-477-00	METAL	220K	1%	1/4W
R111	1-249-401-11	CARBON	47	5%	1/4W F
R112	1-216-017-91	RES, CHIP	47	5%	1/10W
R133	1-249-417-11	CARBON	1K	5%	1/4W
R151	1-202-549-00	SOLID	100	20%	1/2W
R201	1-215-394-00	METAL	75	1%	1/4W
R204	1-216-021-00	RES,CHIP	68	5%	1/10W
R206	1-216-073-00	RES,CHIP	10K	5%	1/10W
R207	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R208	1-216-069-00	RES,CHIP	6.8K	5%	1/10W
R209	1-216-121-91	RES,CHIP	1M	5%	1/10W
R210	1-215-477-00	METAL	220K	1%	1/4W
R211	1-249-401-11	CARBON	47	5%	1/4W F
R212	1-216-017-91	RES, CHIP	47	5%	1/10W
R233	1-249-417-11	CARBON	1K	5%	1/4W
R251	1-202-549-00	SOLID	100	20%	1/2W
R301	1-215-394-00	METAL	75	1%	1/4W
R304	1-216-021-00	RES,CHIP	68	5%	1/10W
R306	1-216-073-00	RES,CHIP	10K	5%	1/10W
R307	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
R308	1-216-069-00	RES,CHIP	6.8K	5%	1/10W
R309	1-216-121-91	RES,CHIP	1M	5%	1/10W
R310	1-215-477-00	METAL	220K	1%	1/4W
R311	1-249-401-11	CARBON	47	5%	1/4W F
R312	1-216-017-91	RES, CHIP	47	5%	1/10W
R333	1-249-417-11	CARBON	1K	5%	1/4W
R351	1-202-549-00	SOLID	100	20%	1/2W

SPARK GAP

SG001 ⚠	1-519-422-11	GAP, SPARK
SG002 ⚠	1-517-499-21	GAP, SPARK
SG101 ⚠	1-517-499-21	GAP, SPARK
SG201 ⚠	1-517-499-21	GAP, SPARK
SG301 ⚠	1-517-499-21	GAP, SPARK

REF.NO.	PART NO.	DESCRIPTION	REMARK

D

*** A-1346-732-A D BOARD, COMPLETE** (made in US only)

*** A-1346-746-A D BOARD, COMPLETE** (made in UK only)

	1-533-223-11	CLIP, FUSE
	2-371-561-00	BUSHING (P), INSULATING
	4-034-094-01	SHEET, INSULATOR
*	4-049-002-01	HOLDER, LED
	4-060-555-01	SHEET, INSULATOR
	4-382-854-11	SCREW (M3X10), P, SW (+)
	4-389-025-01	SCREW (M4) (EXT TOOTH WASHER)
	7-685-659-71	SCREW +BVTP 4x8

CAPACITOR

C401	1-128-528-11	ELECT	470MF	20%	25V
C402	1-106-228-00	MYLAR	0.22MF	10%	100V
C403	1-126-969-11	ELECT	220MF	20%	50V
C404	1-126-941-11	ELECT	470MF	20%	25V
C405	1-137-374-11	FILM	0.047MF	5%	50V
C406	1-137-368-11	FILM	0.0047MF	5%	50V
C407	1-137-372-11	FILM	0.022MF	5%	50V
C501	1-126-964-11	ELECT	10MF	20%	50V
C502	1-137-370-11	FILM	0.01MF	5%	50V
C503	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C504	1-164-645-11	CERAMIC	1000PF	10%	500V
C505	1-109-879-11	CERAMIC	22PF	5%	2KV
C506	1-126-960-11	ELECT	1MF	20%	50V
C507	1-117-964-11	FILM	0.3MF	5%	400V
C508	1-104-665-11	ELECT	100MF	20%	25V
C509	1-162-117-00	CERAMIC	100PF	10%	500V
C510	1-102-228-00	CERAMIC	470PF	10%	500V
C511	1-119-862-11	FILM	0.3MF	5%	200V
C512	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C513	1-126-964-11	ELECT	10MF	20%	50V
C514	1-119-861-11	FILM	0.91MF	5%	200V
C515	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C516	1-117-206-21	FILM	0.36MF	5%	250V
C517	1-137-370-11	FILM	0.01MF	5%	50V
C518	1-117-954-11	FILM	4300PF	3%	1.8KV
C519	1-136-538-11	FILM	0.001MF	3%	2KV
C520	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C521	1-107-444-11	CERAMIC	100PF	5%	2KV
C522	1-136-481-11	MYLAR	0.0022MF	10%	100V
C523	1-115-511-11	FILM	0.12MF	5%	200V
C524	1-107-965-11	ELECT	100MF	20%	250V
C525	1-119-860-11	FILM	0.082MF	5%	200V
C526	1-164-646-11	CERAMIC	2200PF	10%	500V
C527	1-117-879-91	CAPACITOR	0.01MF	10%	250V
C528	1-115-349-51	CERAMIC	0.01MF		2KV

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REF.NO.	PART NO.	DESCRIPTION		REMARK	
C529	1-136-060-00	FILM	0.047MF	5%	400V
C530	1-115-511-11	FILM	0.12MF	5%	250V
C531	1-115-509-11	FILM	0.068MF	5%	250V
C532	1-137-426-11	FILM	0.47MF	10%	100V
C535	1-137-370-11	FILM	0.01MF	5%	50V
C536	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C538	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C539	1-137-418-11	FILM	0.022MF	10%	100V
C540	1-136-203-11	FILM	10000PF	5%	630V
C541	1-126-963-11	ELECT	4.7MF	20%	50V
C542	1-126-964-11	ELECT	10MF	20%	50V
C543	1-102-973-00	CERAMIC	100PF	5%	50V
C544	1-137-370-11	FILM	0.01MF	5%	50V
C545	1-163-037-11	CERAMIC CHIP	0.022MF	10%	50V
C546	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C547	1-126-960-11	ELECT	1MF	20%	50V
C548	1-137-364-11	FILM	0.001MF	5%	50V
C549	1-137-375-11	FILM	0.068MF	5%	50V
C550	1-126-933-11	ELECT	100MF	20%	16V
C551	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C552	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C553	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C554	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C555	1-130-495-00	FILM	0.1MF	5%	50V
C556	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C557	1-126-965-11	ELECT	22MF	20%	50V
C558	1-126-960-11	ELECT	1MF	20%	50V
C559	1-137-368-11	FILM	0.0047MF	5%	50V
C560	1-117-206-21	FILM	0.36MF	5%	250V
C561	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C562	1-126-933-11	ELECT	100MF	20%	16V
C563	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C568	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C569	1-130-495-00	FILM	0.1MF	5%	50V
C570	1-104-665-11	ELECT	100MF	20%	25V
C571	1-126-964-11	ELECT	10MF	20%	50V
C572	1-107-651-11	ELECT	4.7MF	20%	250V
C573	1-107-651-11	ELECT	4.7MF	20%	250V
C574	1-117-879-91	CAPACITOR	0.01MF	10%	250V
C575	1-107-965-11	ELECT	100MF	20%	250V
C576	1-163-243-11	CERAMIC CHIP	47PF	5%	50V
C577	1-115-349-51	CERAMIC	0.01MF		2KV
C578	1-117-214-11	CERAMIC	0.001MF	10%	2KV
C579	1-109-879-11	CERAMIC	22PF	5%	2KV
C580	1-137-370-11	FILM	0.01MF	5%	50V
C582	1-126-964-11	ELECT	10MF	20%	50V
C583	1-130-495-00	FILM	0.1MF	5%	50V
C585	1-163-005-11	CERAMIC CHIP	470PF	10%	50V
C602 ⚠	1-117-703-11	CERAMIC	0.0047MF	20%	250V

REF.NO.	PART NO.	DESCRIPTION		REMARK	
C604 ⚠	1-104-708-11	FILM	0.0047MF	20%	250V
C605 ⚠	1-107-533-11	FILM	1MF	20%	250V
C606 ⚠	1-117-703-11	FILM	0.0047MF	20%	250V
C607	1-136-356-11	FILM	470PF	5%	50V
C609	1-137-479-11	FILM	1MF	10%	400V
C610	1-113-707-11	ELECT(BLOCK)	220MF	20%	450V
C611	1-162-129-00	CERAMIC	150PF	10%	2KV
C613	1-136-203-11	FILM	10000PF	5%	630V
C614	1-136-177-00	FILM	1MF	5%	50V
C615	1-137-364-11	FILM	0.001MF	5%	50V
C616	1-102-824-00	CERAMIC	470PF	5%	50V
C617	1-137-364-11	FILM	0.001MF	5%	50V
C618	1-102-106-00	CERAMIC	100PF	10%	50V
C619	1-107-966-51	ELECT	220MF	20%	250V
C620	1-107-933-11	ELECT	100MF	20%	100V
C621	1-107-890-11	ELECT	2200MF	20%	25V
C622	1-126-941-11	ELECT	470MF	20%	25V
C623	1-126-942-61	ELECT	1000MF	20%	25V
C624	1-126-935-11	ELECT	470MF	20%	16V
C625	1-137-372-11	FILM	0.022MF	5%	50V
C626	1-128-528-11	ELECT	470MF	20%	16V
C627	1-128-528-11	ELECT	470MF	20%	16V
C628	1-128-526-11	ELECT	100MF	20%	25V
C629	1-113-900-11	CERAMIC	470PF	10%	250V
C630	1-130-495-00	FILM	0.1MF	5%	50V
C632	1-107-884-11	ELECT	1000MF	20%	16V
C633	1-126-935-11	ELECT	470MF	20%	16V
C634	1-104-666-11	ELECT	220MF	20%	25V
C635	1-137-370-11	FILM	0.01MF	5%	50V
C637	1-130-495-00	FILM	0.1MF	5%	50V
C640	1-113-904-51	CERAMIC	0.0015MF	20%	250V
C642 ⚠	1-117-701-51	CERAMIC	0.0033MF	20%	250V
C643 ⚠	1-117-701-51	CERAMIC	0.0033MF	20%	250V
C644	1-104-664-11	ELECT	47MF	20%	25V
C651	1-136-203-11	FILM	0.01MF	10%	630V
C652	1-126-949-11	ELECT	220MF	20%	35V
C653	1-104-665-11	ELECT	100MF	20%	25V
C701	1-164-004-11	CERAMIC CHIP	0.1MF	10%	25V
C702	1-126-964-11	ELECT	10MF	20%	50V
C703	1-136-169-00	FILM	0.22MF	5%	50V
C704	1-163-259-91	CERAMIC CHIP	220PF	5%	50V
C705	1-130-495-00	FILM	0.1MF	5%	50V
C706	1-102-973-00	CERAMIC	100PF	5%	50V
C707	1-102-973-00	CERAMIC	100PF	5%	50V
C708	1-130-495-00	FILM	0.1MF	5%	50V
C709	1-126-941-11	ELECT	470MF	20%	25V
C710	1-126-941-11	ELECT	470MF	20%	25V
C711	1-130-495-00	FILM	0.1MF	5%	50V
C712	1-130-495-00	FILM	0.1MF	5%	50V

D

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REF.NO.	PART NO.	DESCRIPTION			REMARK
C713	1-126-927-11	ELECT	2200MF	20%	10V
C714	1-163-131-00	CERAMIC CHIP	390PF	5%	50V
C715	1-126-935-11	ELECT	470MF	20%	16V
C902	1-126-935-11	ELECT	470MF	20%	16V
C903	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C905	1-137-375-11	FILM	0.068MF	5%	50V
C906	1-136-177-00	FILM	1MF	5%	50V
C908	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C909	1-126-927-11	ELECT	2200MF	20%	10V
C910	1-130-495-00	FILM	0.1MF	5%	50V
C911	1-137-370-11	FILM	0.01MF	5%	50V
C912	1-126-933-11	ELECT	100MF	20%	16V
C913	1-130-495-00	FILM	0.1MF	5%	50V
C914	1-102-514-11	CERAMIC	22PF	5%	50V
C915	1-102-514-11	CERAMIC	22PF	5%	50V
C916	1-126-965-11	ELECT	22MF	20%	50V
C917	1-163-019-00	CERAMIC CHIP	0.0068MF	10%	50V
C918	1-126-964-11	ELECT	10MF	20%	50V
C920	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C921	1-126-935-11	ELECT	470MF	20%	16V
C922	1-126-960-11	ELECT	1MF	20%	50V
C923	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C924	1-126-965-11	ELECT	22MF	20%	50V
C925	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C926	1-126-935-11	ELECT	470MF	20%	16V
C927	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C928	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C929	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C930	1-137-370-11	FILM	0.01MF	5%	50V
C931	1-163-133-00	CERAMIC CHIP	470PF	5%	50V
C932	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V
C935	1-164-005-11	CERAMIC CHIP	0.47MF		25V
C938	1-163-251-11	CERAMIC CHIP	100PF	5%	50V
C939	1-163-251-11	CERAMIC CHIP	100PF	5%	50V

CONNECTOR

CN501 *	1-580-798-11	CONNECTOR PIN (DY) 6P	
CN502 *	1-564-512-11	PLUG, CONNECTOR 9P	
CN510 *	1-900-802-12	CONNECTOR, 1P MINI	
CN512	1-695-915-11	TAB (CONTACT)	
CN513	1-695-915-11	TAB (CONTACT)	
CN600 ⚠	1-251-644-11	INLET, AC 3P (WITH NOISE FILTER)	
CN601	1-691-960-11	PIN, CONNECTOR (PC BOARD) 3P	
CN602 *	1-506-371-00	PIN, CONNECTOR 2P	
CN701	1-564-511-11	PLUG, CONNECTOR 8P	
CN901 *	1-508-879-11	BASE POST	
CN902	1-564-513-11	PLUG, CONNECTOR 10P	
CN903 *	1-564-510-11	PLUG, CONNECTOR 7P	

REF.NO.	PART NO.	DESCRIPTION			REMARK

DIODE

D401	8-719-979-58	DIODE EGP10D			
D402	8-719-109-81	DIODE RD4.7ESB2			
D403	8-719-911-19	DIODE 1SS119-25			
D404	8-719-911-19	DIODE 1SS119-25			
D501	8-719-110-31	DIODE RD12ESB2			
D502	8-719-975-77	DIODE SB340			
D503	1-215-437-00	METAL	4.7K	1%	1/4W
D504	8-719-110-49	DIODE RD18ESB2			
D505	8-719-941-74	DIODE ERB91-02			
D506	8-719-061-21	DIODE FMQ-G5FMS			
D507	8-719-109-85	DIODE RD5.1ESB2			
D508	1-215-429-00	METAL	2.2K	1%	1/4W
D509	8-719-110-17	DIODE RD10ESB2			
D510	8-719-018-82	DIODE ERA34-10TP1			
D511	8-719-109-85	DIODE RD5.1ESB2			
D512	8-719-911-19	DIODE 1SS119-25			
D513	8-719-066-40	DIODE MUR160			
D514	8-719-970-83	DIODE HSS82			
D515	8-719-018-82	DIODE ERA34-10TP1 (made in US only)			
D515	8-719-979-44	DIODE MBG4878K-248 (made in UK only)			
D516	8-719-051-97	DIODE 3DL41A(LC6-15)			
D517 ⚠	8-719-110-67	DIODE RD27ESB2			
D518	8-719-110-17	DIODE RD10ESB2			
D519	8-719-911-19	DIODE 1SS119-25			
D520	8-719-018-82	DIODE ERA34-10TP1			
D521	8-719-018-82	DIODE ERA34-10TP1			
D522	8-719-911-19	DIODE 1SS119-25			
D523	8-719-911-19	DIODE 1SS119-25			
D524	8-719-970-83	DIODE HSS82			
D525	8-719-970-83	DIODE HSS82			
D526	8-719-911-19	DIODE 1SS119-25			
D527	8-719-109-85	DIODE RD5.1ESB2			
D529	8-719-404-49	DIODE MA111			
D530	8-719-404-49	DIODE MA111			
D531	8-719-404-49	DIODE MA111			
D601 ⚠	8-719-025-88	DIODE GBU4JL-6088			
D602	8-719-911-19	DIODE 1SS119-25			
D603	8-719-986-73	DIODE RB441Q			
D605	8-719-911-19	DIODE 1SS119-25			
D606	8-719-986-73	DIODE RB441Q			
D607	8-719-053-19	DIODE UF4007G23			
D608	8-719-110-49	DIODE RD18ESB2			
D609	8-719-986-73	DIODE RB441Q			
D610	8-719-979-84	DIODE EGP20DPKG23			
D611	8-719-970-83	DIODE HSS82			
D613	8-719-979-58	DIODE EGP10D			
D614	8-719-058-38	DIODE FMN-G12S			

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REF.NO.	PART NO.	DESCRIPTION	REMARK
D615	8-719-048-61	DIODE EGP20DL-6349	
D616	8-719-048-61	DIODE EGP20DL-6349	
D617	8-719-979-84	DIODE EGP20DPKG23	
D618	8-719-979-84	DIODE EGP20DPKG23	
D621	8-719-067-68	DIODE FMC-26UA	
D622	8-719-110-08	DIODE RD8.2ESB2	
D624	8-719-911-19	DIODE 1SS119-25	
D625	8-719-987-87	DIODE ERA82-004TP1(made in US only)	
D625	8-719-908-03	DIODE GP08DPKG23 (made in UK only)	
D626	8-719-987-87	DIODE ERA82-004TP1(made in US only)	
D626	8-719-908-03	DIODE GP08DPKG23 (made in UK only)	
D648 ⚠	8-719-110-36	DIODE RD13ESB2	
D649	8-719-991-33	DIODE 1SS133T-77	
D651 ⚠	8-719-051-96	DIODE FML-S16S	
D652	8-719-302-43	DIODE RGP10GPKG23	
D653	8-719-911-19	DIODE 1SS119-25	
D654	8-719-109-60	DIODE RD2.7ESB2	
D701	8-719-109-85	DIODE RD5.1ESB2	
D704	8-719-911-19	DIODE 1SS119-25	
D901	8-719-911-19	DIODE 1SS119-25	
D902	8-719-109-89	DIODE RD5.6ESB2	
D905	8-719-911-19	DIODE 1SS119-25	
D906	8-719-911-19	DIODE 1SS119-25	
D907	8-719-911-19	DIODE 1SS119-25	
D908	8-719-911-19	DIODE 1SS119-25	
D909	8-719-109-89	DIODE RD5.6ESB2	
D910	8-719-109-89	DIODE RD5.6ESB2	
D912	8-719-045-19	DIODE SPB-26MVWF	
D914	8-719-911-19	DIODE 1SS119-25	
D915	1-163-243-11	CERAMIC CHIP 47PF 5% 50V	
D916	8-719-911-19	DIODE 1SS119-25	
D917	8-719-158-15	DIODE RD5.6SB	
D918	8-719-109-89	DIODE RD5.6ESB2	
D919	8-719-109-89	DIODE RD5.6ESB2	
D920	8-719-986-73	DIODE RB441Q	
D922	8-719-404-49	DIODE MA111	
D923	8-719-404-49	DIODE MA111	
D924	8-719-404-49	DIODE MA111	
D925	8-719-404-49	DIODE MA111	
D928	8-719-158-15	DIODE RD5.6SB	
D929	8-719-158-15	DIODE RD5.6SB	
D930	8-719-158-15	DIODE RD5.6SB	
D931	8-719-158-15	DIODE RD5.6SB	
D932	8-719-158-15	DIODE RD5.6SB	
D933	8-719-158-15	DIODE RD5.6SB	
D934	8-719-158-15	DIODE RD5.6SB	

FUSE

F601 ⚠	1-576-231-11	FUSE (H.B.C.) 4A/250V	

REF.NO.	PART NO.	DESCRIPTION	REMARK

FERRITE BEAD

FB502	1-410-396-41	FERRITE 0.45UH	
FB504	1-412-911-11	FERRITE	
FB506	1-412-911-11	FERRITE	
FB601	1-410-396-41	FERRITE 0.45UH	
FB603	1-410-396-41	FERRITE 0.45UH	
FB604	1-410-396-41	FERRITE 0.45UH	
FB605	1-412-911-11	FERRITE	
FB616	1-412-911-11	FERRITE	
FB651	1-412-911-11	FERRITE	
FB654	1-412-911-11	FERRITE	
FB902	1-247-807-31	CARBON 100 5% 1/4W	
FB904	1-543-961-11	FERRITE	

TERMINAL

GT001 *	1-537-738-21	TERMINAL, EARTH	
GT002 *	1-537-738-21	TERMINAL, EARTH	

IC

IC401	8-759-444-83	IC LA7840L	
IC501 ⚠	8-759-478-76	IC UPC5021-109	
IC502	8-759-803-42	IC LA6500-FA	
IC503	8-759-803-42	IC LA6500-FA	
IC601	8-759-399-81	IC MC44603P	
IC603 ⚠	8-749-012-59	IC MOC8105TV	
IC604 ⚠	8-759-908-15	IC TL431CLP	
IC605 ⚠	8-759-072-98	IC TDA8138A	
IC606	8-749-010-64	PHOTO COUPLER PC123F2	
IC651 ⚠	8-749-014-70	IC TME757A	
IC701	8-759-478-66	IC CXA8070P	
IC702	8-749-014-32	IC STK392-910A	
IC900	8-759-525-10	IC TC7SET08F(TE85L)	
IC901	8-759-531-39	IC CDX8692S-CYR (OTP)	
IC902	8-759-537-27	IC CXA8071AP	
IC904	8-759-165-81	IC PST600D-T	
IC905	8-759-370-34	IC ST24C08FB6	

CHIP CONDUCTOR

JR001	1-216-296-91	SHORT	
JR002	1-216-296-91	SHORT	
JR003	1-216-296-91	SHORT	
JR004	1-216-296-91	SHORT	
JR005	1-216-296-91	SHORT	
JR006	1-216-296-91	SHORT	
JR007	1-216-296-91	SHORT	
JR008	1-216-296-91	SHORT	
JR009	1-216-296-91	SHORT	

D

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REF.NO.	PART NO.	DESCRIPTION	REMARK
JR010	1-216-296-91	SHORT	
JR011	1-216-296-91	SHORT	
JR013	1-216-296-91	SHORT	
JR014	1-216-296-91	SHORT	
JR015	1-216-296-91	SHORT	
JR016	1-216-296-91	SHORT	
JR017	1-216-296-91	SHORT	
JR018	1-216-296-91	SHORT	
JR019	1-216-296-91	SHORT	
JR020	1-216-296-91	SHORT	
JR021	1-216-296-91	SHORT	
JR022	1-216-296-91	SHORT	
JR023	1-216-296-91	SHORT	
JR024	1-216-296-91	SHORT	
JR025	1-216-296-91	SHORT	
JR026	1-216-296-91	SHORT	
JR027	1-216-296-91	SHORT	
JR028	1-216-296-91	SHORT	
JR029	1-216-296-91	SHORT	
JR030	1-216-295-91	SHORT	
JR035	1-216-296-91	SHORT	
JR036	1-216-295-91	SHORT	
	COIL		
L501	1-412-531-31	INDUCTOR 33UH	
L502	1-412-531-31	INDUCTOR 33UH	
L503	1-411-594-41	INDUCTOR	
L505	1-412-552-11	INDUCTOR 2.2MMH	
L506	1-412-545-11	INDUCTOR 470UH	
L507	1-412-537-31	INDUCTOR 100UH	
L508	1-416-394-11	COIL, HORIZONTAL LINEARITY	
L509	1-416-393-11	COIL, HORIZONTAL LINEARITY	
L510	1-416-367-11	COIL, HORIZONTAL CENTER	
L603	1-412-537-31	INDUCTOR 100UH	
L604	1-412-537-31	INDUCTOR 100UH	
L605	1-406-665-11	INDUCTOR	
L606	1-406-665-11	INDUCTOR	
L652	1-416-286-11	INDUCTOR	
L901	1-412-537-31	INDUCTOR 100UH	
L902	1-412-537-31	INDUCTOR 100UH	
	FILTER		
LF602 ⚠	1-429-180-11	TRANSFORMER, LINE FILTER	
	TRANSISTOR		
Q501	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q502	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q503	8-729-035-54	TRANSISTOR 2SJ449	
Q504	8-729-031-89	TRANSISTOR 2SC3941A-Q(TA)	
Q505	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q506	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q507	8-729-041-64	TRANSISTOR BU2527AX-ON5020	
Q508	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q510	8-729-042-45	TRANSISTOR STP5NA80FI	
Q511 ⚠	8-729-042-34	TRANSISTOR IRFU110A	
Q512	8-729-043-16	TRANSISTOR IRLI520GLF33	
Q513	8-729-021-79	TRANSISTOR 2SK1307	
Q514	8-729-041-93	TRANSISTOR IRLI530GLF33	
Q515	8-729-043-16	TRANSISTOR IRLI520GLF33	
Q516	8-729-043-16	TRANSISTOR IRLI520GLF33	
Q517	8-729-326-11	TRANSISTOR 2SC2611	
Q518	8-729-140-50	TRANSISTOR 2SC3209LK	
Q519	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q520	8-729-042-23	TRANSISTOR IRFI9620GSLF35	
Q521	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q522	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q523	8-729-119-76	TRANSISTOR 2SA1175-HFE	
Q601	8-729-029-92	TRANSISTOR DTC143ESA	
Q602 ⚠	8-729-926-79	TRANSISTOR IRFIBC40	
Q604 ⚠	8-729-029-66	TRANSISTOR DTC114ESA	
Q605	8-729-141-83	TRANSISTOR 2SB1094-LK	
Q606	8-729-029-66	TRANSISTOR DTC114ESA	
Q651⚠	8-729-037-98	TRANSISTOR 2SK2194F08	
Q652	8-729-026-49	TRANSISTOR 2SA1037AK-T146-R	
Q901	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q902	8-729-119-78	TRANSISTOR 2SC2785-HFE	
Q903	8-729-119-78	TRANSISTOR 2SC2785-HFE	
	RESISTOR		
R401	1-249-383-11	CARBON 1.5 5% 1/4W F	
R402	1-215-866-11	METAL OXIDE 330 5% 1W F	
R403	1-214-796-00	METAL 1.5 1% 1/2W	
R404	1-216-669-11	METAL CHIP 5.6K .50% 1/10W	
R405	1-214-796-00	METAL 1.5 1% 1/2W	
R406	1-215-447-00	METAL 12K 1% 1/4W	
R407	1-249-421-11	CARBON 2.2K 5% 1/4W	
R408	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R409	1-216-671-11	METAL CHIP 6.8K 0.50% 1/10W	
R410	1-215-447-00	METAL 12K 1% 1/4W	
R411	1-216-691-11	METAL CHIP 47K 0.50% 1/10W	
R455	1-218-762-11	METAL CHIP 270K 0.50% 1/10W	
R500	1-249-377-11	CARBON 0.47 5% 1/4W F	
R501	1-247-807-31	CARBON 100 5% 1/4W	
R502	1-218-758-11	METAL CHIP 180K 0.50% 1/10W	
R503	1-216-675-11	METAL CHIP 10K 0.50% 1/10W	
R504	1-249-377-11	CARBON 0.47 5% 1/4W F	
R505	1-216-073-00	RES,CHIP 10K 5% 1/10W	
R506	1-215-481-00	METAL 330K 1% 1/4W	

D

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REF.NO.	PART NO.	DESCRIPTION			REMARK
R507	1-215-431-00	METAL	2.7K	1%	1/4W
R508	1-247-807-31	CARBON	100	5%	1/4W
R509	1-247-863-91	CARBON	22K	5%	1/4W
R510	1-216-081-00	RES,CHIP	22K	5%	1/10W
R511	1-249-381-11	CARBON	1	5%	1/4W F
R512	1-249-389-11	CARBON	4.7	5%	1/4W
R513	1-215-888-00	METAL OXIDE	220	5%	2W F
R514	1-216-081-00	RES,CHIP	22K	5%	1/10W
R515	1-249-417-11	CARBON	1K	5%	1/4W F
R516	1-215-863-11	METAL	100	1%	1W
R517	1-216-393-00	METAL OXIDE	2.2	5%	3W F
R518	1-216-393-00	METAL OXIDE	2.2	5%	3W F
R519	1-216-089-91	RES,CHIP	47K	5%	1/10W
R520	1-249-397-11	CARBON	22	5%	1/4W F
R521	1-249-417-11	CARBON	1K	5%	1/4W F
R522	1-249-401-11	CARBON	47	5%	1/4W
R523	1-216-089-91	RES,CHIP	47K	5%	1/10W
R524	1-216-089-91	RES,CHIP	47K	5%	1/10W
R525	1-249-417-11	CARBON	1K	5%	1/4W F
R526	1-249-425-11	CARBON	4.7K	5%	1/4W
R527	1-249-429-11	CARBON	10K	5%	1/4W
R528	1-247-863-91	CARBON	22K	5%	1/4W
R529	1-249-429-11	CARBON	10K	5%	1/4W F
R530	1-216-474-11	METAL OXIDE	82	5%	3W F
R531	1-216-474-11	METAL OXIDE	82	5%	3W F
R532	1-249-385-11	CARBON	2.2	5%	1/4W F
R533	1-249-417-11	CARBON	1K	5%	1/4W F
R534	1-249-405-11	CARBON	100	5%	1/4W F
R535	1-216-089-91	RES,CHIP	47K	5%	1/10W
R536	1-249-417-11	CARBON	1K	5%	1/4W F
R537	1-216-089-91	RES,CHIP	47K	5%	1/10W
R538	1-215-905-11	METAL OXIDE	10	5%	3W F
R539	1-215-905-11	METAL OXIDE	10	5%	3W F
R540	1-215-476-00	METAL	200K	1%	1/4W
R541	1-215-421-00	METAL	1K	1%	1/4W
R542	1-215-421-00	METAL	1K	1%	1/4W
R543	1-249-389-11	CARBON	4.7	5%	1/4W F
R544	1-215-493-00	METAL	1M	1%	1/4W
R545 ⚠	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R546 ⚠	1-215-457-00	METAL	33K	1%	1/4W
R547 ⚠	1-215-487-00	METAL	560K	1%	1/4W
R548 ⚠	1-216-657-11	METAL CHIP	1.8K	0.50%	1/10W
R549 ⚠	1-215-467-00	METAL	82K	1%	1/4W
R550 ⚠	1-215-427-00	METAL	1.8K	1%	1/4W
R551	1-215-453-00	METAL	22K	1%	1/4W
R552 ⚠	1-215-463-00	METAL	56K	1%	1/4W
R553	1-216-699-11	METAL CHIP	100K	0.50%	1/10W
R554	1-218-756-11	METAL CHIP	150K	0.50%	1/10W
R556	1-216-691-11	METAL CHIP	47K	0.50%	1/10W

REF.NO.	PART NO.	DESCRIPTION			REMARK
R557	1-216-079-00	RES,CHIP	18K	5%	1/10W
R558	1-215-445-00	METAL	10K	1%	1/4W
R559	1-215-431-00	METAL	2.7K	1%	1/4W
R560	1-215-449-00	METAL	15K	1%	1/4W
R561	1-216-474-11	METAL OXIDE	82	5%	3W F
R562	1-215-447-00	METAL	12K	1%	1/4W
R563	1-249-383-11	CARBON	1.5	5%	1/4W F
R564	1-216-089-91	RES,CHIP	47K	5%	1/10W
R565	1-215-481-00	METAL	330K	1%	1/4W
R566	1-215-859-00	METAL OXIDE	22	5%	1W F
R567	1-216-073-00	RES,CHIP	10K	5%	1/10W
R568	1-249-437-11	CARBON	47K	5%	1/4W
R569	1-216-295-91	SHORT	0		
R570	1-249-417-11	CARBON	1K	5%	1/4W
R571	1-215-926-00	METAL OXIDE	33K	5%	3W F
R572	1-249-437-11	CARBON	47K	5%	1/4W
R573	1-247-887-00	CARBON	220K	5%	1/4W
R574	1-249-429-11	CARBON	10K	5%	1/4W
R575	1-260-314-11	CARBON	68	5%	1/2W
R576	1-249-437-11	CARBON	47K	5%	1/4W
R577	1-216-447-00	METAL OXIDE	27	5%	2W F
R578	1-216-447-00	METAL OXIDE	27	5%	2W F
R579	1-247-883-00	CARBON	150K	5%	1/4W
R580	1-216-077-00	RES,CHIP	15K	5%	1/10W
R581	1-249-429-11	CARBON	10K	5%	1/4W
R582	1-249-402-11	CARBON	56	5%	1/4W F
R583	1-216-073-00	RES,CHIP	10K	5%	1/10W
R584	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R585	1-260-099-11	CARBON	1K	5%	1/2W
R586	1-260-103-11	CARBON	2.2K	5%	1/2W
R587	1-216-049-91	RES,CHIP	1K	5%	1/10W
R589	1-249-425-11	CARBON	4.7K	5%	1/4W
R590	1-215-453-00	METAL	22K	1%	1/4W
R591	1-216-683-11	METAL CHIP	22K	0.50%	1/10W
R592	1-215-881-11	METAL OXIDE	15	5%	2W F
R593	1-216-687-11	METAL CHIP	33K	0.50%	1/10W
R594	1-215-493-00	METAL	1M	1%	1/4W
R595	1-215-863-11	METAL	100	1%	1W
R600 ⚠	1-205-998-11	CEMENTED	1	5%	10W
R603	1-249-403-11	CARBON	68	5%	1/4W
R604 ⚠	1-202-847-00	SOLID	560K	20%	1/2W
R605	1-202-933-61	FUSIBLE	0.1	10%	1/2W F
R609	1-215-927-00	METAL OXIDE	47K	5%	3W F
R610	1-215-927-00	METAL OXIDE	47K	5%	3W F
R611	1-215-445-00	METAL	10K	1%	1/4W
R612	1-247-791-91	CARBON	22	5%	1/4W
R613	1-249-429-11	CARBON	10K	5%	1/4W
R614	1-216-381-11	METAL OXIDE	0.22	5%	3W F
R615	1-247-885-00	CARBON	180K	5%	1/4W

D

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

Note: Les composants identifies per un trame et une marque ⚠ sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION			REMARK
R617	1-249-417-11	CARBON	1K	5%	1/4W
R618	1-215-411-00	METAL	390	1%	1/4W
R619	1-249-421-11	CARBON	2.2K	5%	1/4W
R620	1-247-863-91	CARBON	22K	5%	1/4W
R621 ⚠	1-211-761-11	FUSIBLE	0.1	10%	1/2W
R622 ⚠	1-211-874-11	FUSIBLE	0.12	10%	1/2W
R623 ⚠	1-211-874-11	FUSIBLE	0.12	10%	1/2W
R624 ⚠	1-219-154-11	FUSIBLE	0.12	10%	1/4W
R625 ⚠	1-219-154-11	FUSIBLE	0.12	10%	1/4W
R626	1-215-405-00	METAL	220	1%	1/4W
R627	1-249-441-11	CARBON	100K	5%	1/4W
R628	1-215-479-00	METAL	270K	1%	1/4W
R629	1-215-449-00	METAL	15K	1%	1/4W
R630	1-215-437-00	METAL	4.7K	1%	1/4W
R631	1-215-405-00	METAL	220	1%	1/4W
R632	1-216-049-91	RES,CHIP	1K	5%	1/10W
R633	1-249-429-11	CARBON	10K	5%	1/4W
R634	1-249-431-11	CARBON	15K	5%	1/4W
R635	1-249-417-11	CARBON	1K	5%	1/4W
R636	1-249-417-11	CARBON	1K	5%	1/4W
R637	1-216-351-00	METAL OXIDE	1.5	5%	1W F
R638	1-215-435-00	METAL	3.9K	1%	1/4W
R639 ⚠	1-211-761-11	FUSIBLE	0.1	10%	1/2W
R641	1-249-429-11	CARBON	10K	5%	1/4W F
R642	1-260-127-11	CARBON	220K	5%	1/2W
R644	1-216-667-11	METAL CHIP	4.7K	0.50%	1/10W
R645	1-216-691-11	METAL CHIP	47K	0.50%	1/10W
R649 ⚠	1-218-642-11	METAL OXIDE	100K	5%	1W F
R651	1-260-123-11	CARBON	100K	5%	1/2W
R652	1-249-377-11	CARBON	0.47	5%	1/4W F
R653	1-260-123-11	CARBON	100K	5%	1/2W
R654	1-249-407-11	CARBON	150	5%	1/4W
R655	1-216-381-11	METAL OXIDE	0.22	5%	3W F
R656	1-249-429-11	CARBON	10K	5%	1/4W
R657	1-249-393-11	CARBON	10	5%	1/4W F
R658	1-216-081-00	RES,CHIP	22K	5%	1/10W
R659	1-249-437-11	CARBON	47K	5%	1/4W
R660	1-215-483-00	METAL	390K	1%	1/4W
R661	1-215-483-00	METAL	390K	1%	1/4W
R662	1-215-485-00	METAL	470K	1%	1/4W
R663	1-215-485-00	METAL	470K	1%	1/4W
R664	1-215-481-00	METAL	330K	1%	1/4W
R665	1-215-481-00	METAL	330K	1%	1/4W
R666	1-216-693-11	METAL CHIP	56K	0.50%	1/10W
R667	1-216-079-00	RES,CHIP	18K	5%	1/10W
R668	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R669	1-249-419-11	CARBON	1.5K	5%	1/4W
R698	1-249-425-11	CARBON	4.7K	5%	1/4W
R703	1-260-092-11	CARBON	270	5%	1/2W

REF.NO.	PART NO.	DESCRIPTION			REMARK
R704	1-215-445-00	METAL	10K	1%	1/4W
R705	1-249-425-11	CARBON	4.7K	5%	1/4W
R706	1-249-425-11	CARBON	4.7K	5%	1/4W
R707	1-249-429-11	CARBON	10K	5%	1/4W
R708	1-249-429-11	CARBON	10K	5%	1/4W
R709	1-249-429-11	CARBON	10K	5%	1/4W
R710	1-249-429-11	CARBON	10K	5%	1/4W
R711	1-216-346-00	METAL OXIDE	0.56	5%	1W F
R712	1-215-860-11	METAL OXIDE	33	5%	1W F
R713	1-216-347-11	METAL OXIDE	0.68	5%	1W F
R716	1-215-860-11	METAL OXIDE	33	5%	1W F
R717	1-216-353-00	METAL OXIDE	2.2	5%	1W F
R718	1-215-863-11	METAL OXIDE	100	5%	1W F
R719	1-249-431-11	CARBON	15K	5%	1/4W
R724	1-216-423-11	METAL OXIDE	27	5%	1W F
R727	1-249-431-11	CARBON	15K	5%	1/4W
R728	1-215-863-11	METAL OXIDE	100	5%	1W F
R729	1-216-353-00	METAL OXIDE	2.2	5%	1W F
R730	1-215-860-11	METAL OXIDE	33	5%	1W F
R903	1-249-417-11	CARBON	1K	5%	1/4W
R904	1-249-417-11	CARBON	1K	5%	1/4W
R906	1-216-073-00	RES,CHIP	10K	5%	1/10W
R907	1-260-087-11	CARBON	100	5%	1/2W
R908	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R909	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
R910	1-249-411-11	CARBON	330	5%	1/4W
R911	1-249-413-11	CARBON	470	5%	1/4W
R912	1-249-417-11	CARBON	1K	5%	1/4W
R913	1-247-807-31	CARBON	100	5%	1/4W
R914	1-247-807-31	CARBON	100	5%	1/4W
R915	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R916	1-216-077-00	RES,CHIP	15K	5%	1/10W
R917	1-216-077-00	RES,CHIP	15K	5%	1/10W
R918	1-249-417-11	CARBON	1K	5%	1/4W
R919	1-249-417-11	CARBON	1K	5%	1/4W
R920	1-216-049-91	RES,CHIP	1K	5%	1/10W
R922	1-216-073-00	RES,CHIP	10K	5%	1/10W
R925	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R927	1-216-295-91	SHORT			
R929	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R931	1-216-659-11	METAL CHIP	2.2K	0.50%	1/10W
R933	1-249-419-11	CARBON	1.5K	5%	1/4W
R934	1-249-429-11	CARBON	10K	5%	1/4W
R935	1-247-807-31	CARBON	100	5%	1/4W
R936	1-249-415-11	CARBON	680	5%	1/4W
R937	1-216-025-91	RES, CHIP	100	5%	1/10W
R938	1-247-807-31	CARBON	100	5%	1/4W
R940	1-215-431-00	METAL	2.7K	1%	1/4W
R941	1-216-643-11	METAL CHIP	470	0.50%	1/10W

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

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

D

REF.NO.	PART NO.	DESCRIPTION			REMARK
R942	1-215-413-00	METAL	470	1%	1/4W
R943	1-216-647-11	METAL CHIP	680	0.50%	1/10W
R944	1-216-651-11	METAL CHIP	1K	0.50%	1/10W
R945	1-215-425-00	METAL	1.5K	1%	1/4W
R946	1-215-431-00	METAL	2.7K	1%	1/4W
R947	1-216-671-11	METAL CHIP	6.8K	0.50%	1/10W
R949	1-216-296-91	SHORT			
R951	1-216-025-91	RES,CHIP	100	5%	1/10W
R953	1-216-073-00	RES,CHIP	10K	5%	1/10W
R954	1-216-073-00	RES,CHIP	10K	5%	1/10W
R957	1-216-017-91	RES,CHIP	47	5%	1/10W
R958	1-216-017-91	RES,CHIP	47	5%	1/10W

VARIABLE RESISTOR

⧓ RV501 ⚠	1-241-767-21	RES, ADJ, CERMET 100K	
	3-710-578-01	COVER, VOLUME, 6 MOLD (for RV501)	
RV601	1-223-480-11	RES, ADJ, CERMET 5K	

RELAY

RY500	1-755-137-11	RELAY
RY601 ⚠	1-755-031-11	RELAY

SWITCH

S601 ⚠	1-571-433-21	SWITCH, PUSH (AC POWER)
S901	1-692-431-21	SWITCH, TACTILE
S902	1-762-816-11	SWITCH, TACTILE
S903	1-692-431-21	SWITCH, TACTILE
S904	1-692-431-21	SWITCH, TACTILE
S905	1-692-431-21	SWITCH, TACTILE
S906	1-692-431-21	SWITCH, TACTILE
S909	1-692-431-21	SWITCH, TACTILE

SPARK GAP

SG501 ⚠	1-519-422-11	GAP, SPARK

REF.NO.	PART NO.	DESCRIPTION	REMARK

TRANSFORMER

T501 ⚠	1-453-241-11	TRANSFORMER ASSY, FLYBACK (NX-4400//X4L4)	
T503	1-429-109-11	TRANSFORMER, FERRITE (DFT)	
T504 ⚠	1-429-103-11	TRANSFORMER, FERRITE (HDT)	
T505	1-429-211-11	TRANSFORMER, FERRITE (HST)	
T601 ⚠	1-431-713-11	TRANSFORMER, CONVERTER (SRT PF)	

THERMISTOR

TH501	1-807-796-11	THERMISTOR	
TH600 ⚠	1-809-827-11	THERMISTOR	
TH601 ⚠	1-809-827-11	THERMISTOR, POSITIVE	

VARISTOR

VA600 ⚠	1-810-622-11	VARISTOR	
VA601 ⚠	1-810-271-21	VARISTOR ZNR-14DK471U	

CRYSTAL

X901	1-767-641-11	VIBRATOR, CRYSTAL	
X902	1-767-933-11	OSCILLATOR, CERAMIC (made in US only)	
X902	1-577-611-11	OSCILLATOR, CERAMIC (made in UKonly)	

MISCELLANEOUS

⚠	1-452-923-21	NECK ASSY (NA-2914)	
⚠	8-451-490-11	DY Y17FRJ3-X (made in UK)	
⚠	8-451-490-21	DY Y17FRJ3-X (made in US)	
⚠	8-738-728-05	CRT, 17FRFM (M41LKN15X) (SH made in US)	
⚠	8-738-733-05	CRT, 17FRFM (M41LKN15X) (NH/AEP/J made in US)	
⚠	8-738-734-05	CRT, 17FRFM (M41LKN15X) (made in UK)	
⚠	1-416-282-21	COIL, DEMAGNETIZATION	
	1-500-386-11	FILTER CLAMP (FERRITE CORE)	
	4-040-897-01	SPACER, DY	
⚠	1-783-507-11	CORD SET, POWER (NH) (GRAY)	
⚠	1-783-507-21	CORD SET, POWER (NH) (WHITE)	
⚠	1-783-533-11	CORD SET, POWER (J)	
	3-861-946-01	MANUAL, INSTRUCTION (J, AEP made in US)	
	3-861-946-11	MANUAL, INSTRUCTION (NH, SH made in US)	
	3-862-756-11	MANUAL, INSTRUCTION (AEP made in UK)	
⚠	1-453-241-11	TRANSFORMER ASSY, FLYBACK (NX-4400//X4L4)	
⚠	8-738-733-82	ITC ASSY, 17FRFM-R3 (made in UK)	
⚠	8-738-733-83	ITC ASSY, 17FRFM-R3 (made in US)	

English
98BJ74043-1
Printed in U.S.A.

6556-03N/43N/03S/43S

SERVICE MANUAL

6556-03N/43N

N. Hemisphere Model
AEP Model
Japan Model

Chassis No. SCC-L07G-A

6556-03S/43S

S. Hemisphere Model

Chassis No. SCC-L07G-A

D1H CHASSIS

SUPPLEMENT-1

Subject: Parts List and Schematic Update

File this supplement with the service manual.

MODEL	SPECIFICATION	
	BODY COLOR	DESTINATION
6556-03N	PEARL WHITE	NH, AEP, J
6556-03S		SH
6556-43N	STEALTH GRAY (Black)	NH, AEP, J
6556-43S		SH

COLOR MONITOR

IBM

TABLE OF CONTENTS

D

Section 7: Electrical Parts List - D Board (Pages 34-41)

OLD						NEW					
Ref. no	Part no.	Description				Ref. no	Part no.	Description			
C503	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C503	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C512	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C512	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C515	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C515	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C520	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C520	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C533	NOT LISTED.	NEEDS TO BE ADDED ---------->				C533	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C536	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C536	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C538	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C538	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C551	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C551	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C552	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C552	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C564	NOT LISTED.	NEEDS TO BE ADDED ---------->				C564	1-164-005-11	CERAMIC CHIP	0.47MF		25V
C568	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C568	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C584	NOT LISTED.	NEEDS TO BE ADDED ---------->				C584	1-164-005-11	CERAMIC CHIP	0.47MF		25V
C616	1-102-824-00	CERAMIC CHIP	470PF	5%	50V	C616	1-130-014-00	FILM	470PF	5%	50V
C634	1-104-666-11	ELECT	220MF	20%	25V	C634	1-107-889-11	ELECT	220MF	20%	25V
C661	NOT LISTED.	NEEDS TO BE ADDED ---------->				C661	1-102-516-11	CERAMIC CHIP	27PF	5%	50V
C662	NOT LISTED.	NEEDS TO BE ADDED ---------->				C662 ⚠	1-102-973-00	CERAMIC CHIP	100PF	5%	50V
C663	NOT LISTED.	NEEDS TO BE ADDED ---------->				C663 ⚠	1-102-973-00	CERAMIC CHIP	100PF	5%	50V
C901	NOT LISTED.	NEEDS TO BE ADDED ---------->				C901	1-164-005-11	CERAMIC CHIP	0.47MF		25V
C903	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C903	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C904	NOT LISTED.	NEEDS TO BE ADDED ---------->				C904	1-164-005-11	CERAMIC CHIP	0.47MF		25V
C908	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C908	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C920	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C920	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C925	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C925	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C927	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C927	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C928	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C928	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C932	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C932	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C933	NOT LISTED.	NEEDS TO BE ADDED ---------->				C933	1-164-005-11	CERAMIC CHIP	0.47MF		25V
C940	NOT LISTED.	NEEDS TO BE ADDED ---------->				C940	1-130-495-00	FILM	0.1MF	5%	50V
D926	NOT LISTED.	NEEDS TO BE ADDED ---------->				D926	8-719-404-49	DIODE MA111			
D927	NOT LISTED.	NEEDS TO BE ADDED ---------->				D927	8-719-404-49	DIODE MA111			
D936	NOT LISTED.	NEEDS TO BE ADDED ---------->				D936	8-719-109-89	DIODE RD5.6ESB2			
FB619	NOT LISTED.	NEEDS TO BE ADDED ---------->				FB619	1-412-911-11	FERRITE			
FB620	NOT LISTED.	NEEDS TO BE ADDED ---------->				FB620	1-412-911-11	FERRITE			
FB655	NOT LISTED.	NEEDS TO BE ADDED ---------->				FB655 ⚠	1-410-396-41	FERRITE	0.45UH		
FB656	NOT LISTED.	NEEDS TO BE ADDED ---------->				FB656 ⚠	1-410-396-41	FERRITE	0.45UH		
IC601	8-759-399-81	IC MC44603P				IC601 ⚠	8-759-399-81	IC MC44603P			
IC603 ⚠	8-749-012-59	IC MOC8105TV				IC603 ⚠	8-749-014-41	IC MOC8105TVZ			
IC901	8-759-531-39	IC CDX8692S-CYR (OTP)				IC901	8-759-531-38	IC CXD8692S-CYR			
R516	1-215-863-11	METAL OXIDE	100	1%	1W	R516	1-214-844-81	METAL OXIDE	150	1%	1/2W
R595	1-215-863-11	METAL OXIDE	100	1%	1W	R595	1-214-844-81	METAL OXIDE	150	1%	1/2W
R596	NOT LISTED.	NEEDS TO BE ADDED ---------->				R596	1-214-844-81	METAL OXIDE	150	1%	1/2W
R618	1-215-411-00	METAL OXIDE	390	1%	1/4W	R618	1-215-407-00	METAL OXIDE	270	1%	1/4W
R619	1-249-421-11	CARBON	2.2K	5%	1/4W	R619	1-215-429-00	METAL OXIDE	2.2K	1%	1/4W
R637	1-216-351-00	METAL OXIDE	1.5	5%	1W F	R637	1-216-350-11	METAL OXIDE	1.2	5%	1W
R704	1-215-445-00	METAL OXIDE	10K	1%	1/4W	R704	1-215-433-00	METAL OXIDE	3.3K	1%	1/4W

A

Section 7: Electrical Parts List - A Board (Pages 32-34)

OLD						NEW					
Ref. no	Part no.	Description				Ref. no	Part no.	Description			
C004	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C004	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C007	NOT LISTED.	NEEDS TO BE ADDED ---------->				C007	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C008	NOT LISTED.	NEEDS TO BE ADDED ---------->				C008	1-104-664-11	ELECT	47MF	20%	25V
C021	NOT LISTED.	NEEDS TO BE ADDED ---------->				C021	1-163-251-11	CERAMIC	100PF	5%	50V
C027	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C027	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C046	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C046	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C048	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C048	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C049	1-164-232-11	CERAMIC CHIP	.01MF	10%	50V	C049	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C090	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	C090	1-163-021-91	CERAMIC CHIP	0.01MF	10%	50V
C313	NOT LISTED.	NEEDS TO BE ADDED ---------->				C313	1-136-165-00	FILM	0.1MF	5%	50V
D009	NOT LISTED.	NEEDS TO BE ADDED ---------->				D009	8-719-158-15	DIODE RD5.6SB			
FB002	NOT LISTED.	NEEDS TO BE ADDED ---------->				FB002	1-412-911-11	FERRITE			
FL001	1-421-928-11	FILTER, NOISE				IC007	8-759-525-10	IC TC7SET08F(TE85L)			
R010	NOT LISTED.	NEEDS TO BE ADDED ---------->				R010	1-216-025-91	RES,CHIP	100	5%	1/10W

Section 4: Exploded Views (Page 29)

• Items with no part number and no description are not stocked because they are seldom required for routine service.

• The component parts of an assembly are indicated by the reference numbers in the remarks column.

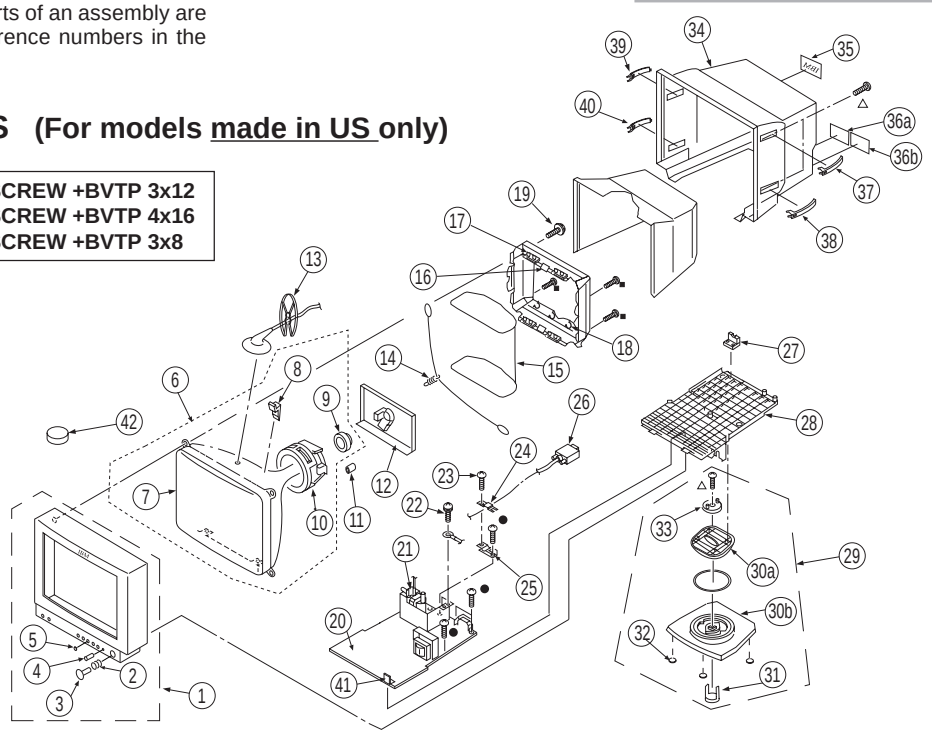
• Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note:

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

6-1. CHASSIS (For models made in US only)

●	7-685-648-79	SCREW +BVTP 3x12
△	7-685-663-71	SCREW +BVTP 4x16
■	7-685-646-79	SCREW +BVTP 3x8



☛ : Modified item

REF.NO.		PART NO.	DESCRIPTION	REMARK
1		X-4035-251-1	BEZEL ASSY (6556-03N/03S)	2-5
1		X-4035-393-1	BEZEL ASSY (6556-43N/43S)	2-5
2		3-653-339-21	SPRING, COMPRESSION	
3		4-062-724-01	BUTTON, POWER (6556-03N/03S)	
3		4-062-724-11	BUTTON, POWER (6556-43N/43S)	
4		4-062-727-01	GUIDE, LIGHT	
☛ 5		4-062-734-01	CAP, BUTTON	
6	⚠	8-738-733-83	ITC ASSY, 17FRFM-R3	7-1
7	⚠	8-738-733-05	CRT, 17FRFM (M41LKN15X) (NH/AEP/J)	
7	⚠	8-738-728-05	CRT, 17FRFM (M41LKN15X) (SH)	
8		4-040-897-01	SPACER, DY	
9	⚠	1-452-923-21	NECK ASSY (NA-2914)	
10	⚠	8-451-490-21	DY Y17FRJ3-X	
11		1-500-386-11	FILTER CLAMP (FERRITE CORE)	
12	*	A-1298-507-A	A BOARD, COMPLETE	
13		3-704-372-31	HOLDER, HV CABLE	
14	*	4-061-573-01	SPRING, TENSION	
15	⚠	1-416-282-21	COIL, DEMAGNETIZATION	
16		4-041-758-02	HOLDER, DEGAUSSING COIL (2)	
17	*	4-056-260-01	SPACER, DEGAUSSER COIL	
18		4-041-021-02	HOLDER, DEGAUSSING COIL (6)	
19		4-365-808-01	SCREW (5), TAPPING	
20	*	A-1346-732-A	D BOARD, COMPLETE	
21	⚠	1-453-241-11	TRANSFORMER ASSY, FLYBACK (NX-4400//X4L4)	
22		4-389-025-01	SCREW (M4x8)(EXT. TOOTHWASHER)	
23		7-685-881-09	SCREW + BVTT 4x8 (S)	
24	*	4-045-131-01	STOPPER, CABLE	
25	*	4-045-130-01	BRACKET, CABLE	
☛ 26	*	1-783-255-11	CABLE ASSY, 15P DSUB CONNECTOR (6556-43N)	
27	*	4-062-728-01	COVER, CABLE (6556-03N/03S)	
27	*	4-062-728-11	COVER, CABLE (6556-43N/43S)	
☛ 28	*	4-060-541-21	BRACKET, CHASSIS (6556-03N/03S)	
☛ 28	*	4-060-541-31	BRACKET, CHASSIS (6556-43N/43S)	

REF.NO.		PART NO.	DESCRIPTION	REMARK
☛ 29		X-4035-253-1	STAND BASE, ASSY (6556-03N/03S)	30-33
☛ 29		X-4035-395-1	STAND BASE, ASSY (6556-43N/43S)	30-33
☛ 30a		4-060-534-11	SLIDER (6556-03N/03S)	
30a		4-060-534-31	SLIDER (6556-43N/43S)	
30b		4-060-540-31	BASE STAND (6556-43N/43S)	
31		4-041-621-21	STOPPER (B)	
32	*	4-060-533-01	CUSHION (4)	
33		4-060-531-01	STOPPER (A)	
☛ 34	*	X-4035-252-1	CABINET ASSY (6556-03N/03S)	34-35
☛ 34	*	X-4035-394-1	CABINET ASSY (6556-43N/43S) 34-35	
35	*	4-062-733-01	BADGE, IBM (6556-03N/03S)	
35	*	4-062-733-11	BADGE, IBM (6556-43N/43S)	
36a	*	4-062-737-01	LABEL, INFORMATION (6556-03N)	
36a	*	4-062-737-11	LABEL, INFORMATION (6556-43N)	
36a	*	4-062-737-21	LABEL, INFORMATION (6556-03S)	
36a	*	4-062-737-31	LABEL, INFORMATION (6556-43S)	
36b	*	4-063-004-01	LABEL (B), INFORMATION (6556-03N)	
36b	*	4-063-004-11	LABEL (B), INFORMATION (6556-43N)	
36b	*	4-063-004-21	LABEL (B), INFORMATION (6556-03S)	
36b	*	4-063-004-31	LABEL (B), INFORMATION (6556-43S)	
37		4-062-729-01	COVER, SCREW (UL) (6556-03N/03S)	
37		4-062-729-11	COVER, SCREW (UL) (6556-43N/43S)	
38		4-062-731-01	COVER, SCREW (LL) (6556-03N/03S)	
38		4-062-731-11	COVER, SCREW (LL) (6556-43N/43S)	
39		4-062-730-01	COVER, SCREW (UR) (6556-03N/03S)	
39		4-062-730-11	COVER, SCREW (UR) (6556-43N/43S)	
40		4-062-732-01	COVER, SCREW (LR) (6556-03N/03S)	
40		4-062-732-11	COVER, SCREW (LR) (6556-43N/43S)	
41	*	4-394-972-21	POWER, CAP	
42		1-452-032-00	MAGNET, DISC	

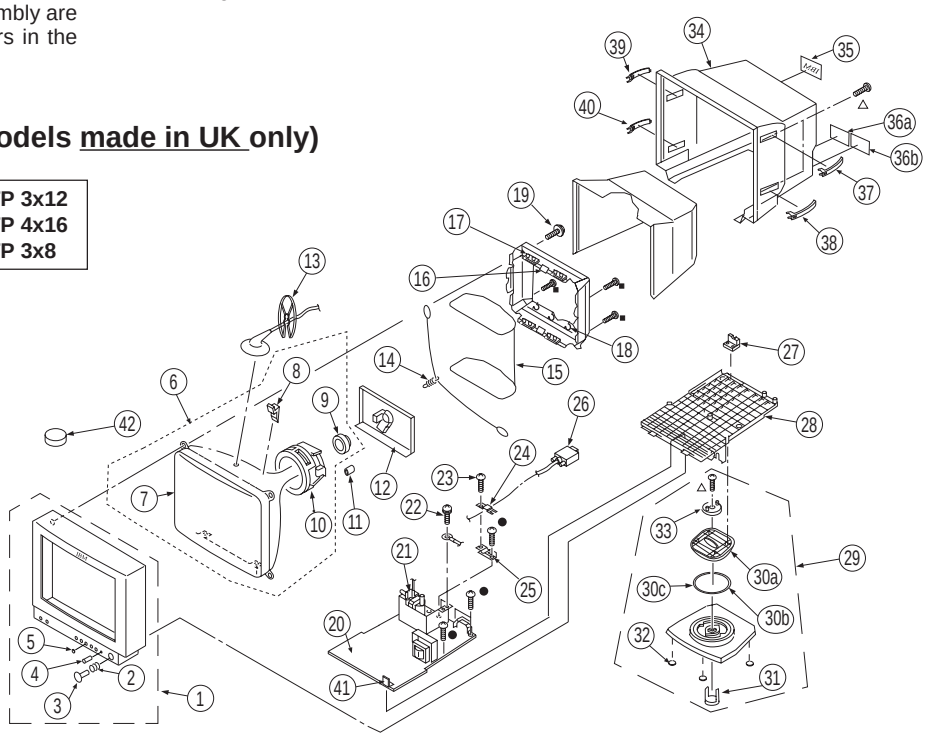
Section 4: Exploded Views (Page 30)

- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The component parts of an assembly are indicated by the reference numbers in the remarks column.
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

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

6-2. CHASSIS (For models made in UK only)

●	7-685-648-79	SCREW +BVTP 3x12
△	7-685-663-71	SCREW +BVTP 4x16
■	7-685-646-79	SCREW +BVTP 3x8



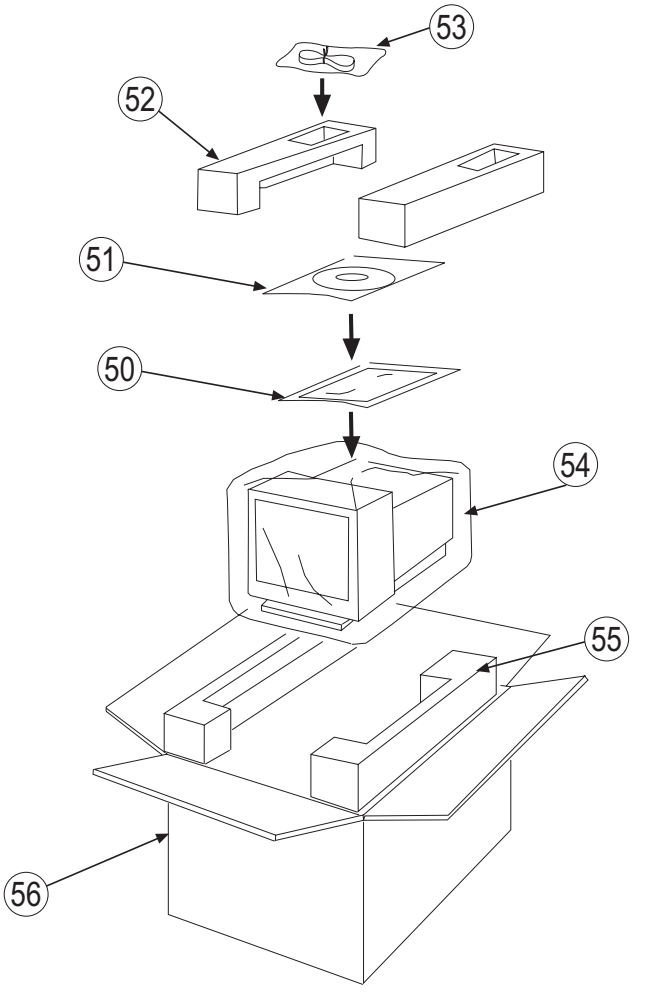
☛ : Modified item

REF.NO.		PART NO.	DESCRIPTION	REMARK
1		X-4035-558-1	BEZEL ASSY (6556-03N)	2-5
1		X-4035-562-1	BEZEL ASSY (6556-43N)	2-5
2		3-653-339-11	SPRING, COMPRESSION	
☛ 3		4-064-371-01	BUTTON, POWER (6556-03N)	
☛ 3		4-064-371-11	BUTTON, POWER (6556-43N)	
4		4-064-374-01	GUIDE, LIGHT	
5		4-064-375-01	CAP, BUTTON	
6	⚠	8-738-733-82	ITC ASSY, 17FRFM-R3	7-10
7	⚠	8-738-734-05	CRT, 17FRFM (M41LKN15X)	
8		4-040-897-01	SPACER, DY	
9	⚠	1-452-923-21	NECK ASSY (NA-2914)	
10	⚠	8-451-490-11	DY Y17FRJ3-X	
11		1-500-386-11	FILTER CLAMP (FERRITE CORE)	
12	*	A-1298-556-A	A BOARD, COMPLETE	
13		4-202-693-01	HOLDER, HV CABLE	
14	*	4-047-316-01	SPRING, TENSION	
15	⚠	1-416-282-21	COIL, DEMAGNETIZATION	
16		4-041-758-02	HOLDER, DEGAUSSING COIL (2)	
17	*	4-056-260-01	SPACER, DEGAUSSER COIL	
18		4-041-021-02	HOLDER, DEGAUSSING COIL (6)	
19		4-203-648-01	SCREW (5), TAPPING	
20	*	A-1346-746-A	D BOARD, COMPLETE	
21	⚠	1-453-241-11	TRANSFORMER ASSY, FLYBACK (NX-4400//X4L4)	
22		4-389-025-01	SCREW (M4x8)(EXT. TOOTHWASHER)	
23		7-685-881-09	SCREW + BVTT 4x8 (S)32	
24	*	4-045-131-11	STOPPER, CABLE	
25	*	4-045-130-21	BRACKET, CABLE	
☛ 26	*	1-783-255-11	CABLE ASSY, 15P DSUB CONNECTOR (6556-03N)	
27	*	4-064-350-01	COVER, CABLE (6556-03N)	
27	*	4-064-350-11	COVER, CABLE (6556-43N)	

REF.NO.		PART NO.	DESCRIPTION	REMARK
☛ 28	*	4-060-891-11	BRACKET, CHASSIS	
29		X-4035-557-1	STAND BASE, ASSY (6556-03N)	30-33
29		X-4035-561-1	STAND BASE, ASSY (6556-43N)	30-33
☛ 30a		4-063-264-11	SLIDER (6556-03N)	
☛ 30a		4-063-264-21	SLIDER (6556-43N)	
30b		4-063-263-11	BASE STAND (6556-03N)	
30b		4-063-263-21	BASE STAND (6556-43N)	
☛ 30c		4-060-879-01	RING, TILT/SWIVEL	
31		4-041-621-01	STOPPER (B)	
32	*	4-060-533-01	CUSHION (4)	
33		4-060-340-01	STOPPER (A)	
34	*	4-064-376-01	CABINET (6556-03N)	
34	*	4-064-376-11	CABINET (6556-43N)	
☛ 35	*	4-064-344-01	BADGE, IBM (6556-03N)	
☛ 35	*	4-064-344-11	BADGE, IBM (6556-43N)	
36a	*	4-064-348-01	LABEL, INFORMATION (6556-03N)	
36a	*	4-064-348-11	LABEL, INFORMATION (6556-43N)	
36b	*	4-064-349-01	LABEL, INFORMATION (B) (6556-03N)	
36b	*	4-064-349-11	LABEL, INFORMATION (B) (6556-43N)	
37		4-064-351-01	COVER, SCREW (UL) (6556-03N)	
37		4-064-351-11	COVER, SCREW (UL) (6556-43N)	
38		4-064-353-01	COVER, SCREW (LL) (6556-03N)	
38		4-064-353-11	COVER, SCREW (LL) (6556-43N)	
39		4-064-352-01	COVER, SCREW (UR) (6556-03N)	
39		4-064-352-11	COVER, SCREW (UR) (6556-43N)	
40		4-064-354-01	COVER, SCREW (LR) (6556-03N)	
40		4-064-354-11	COVER, SCREW (LR) (6556-43N)	
41	*	4-394-972-21	POWER, CAP	
42		1-452-032-00	MAGNET, DISC	

Section 4: Exploded Views (Page 31)

6-3. PACKING MATERIALS (all models)



☛ : Modified item

	REF.NO.	PART NO.	DESCRIPTION	REMARK
	50	3-861-946-01	MANUAL, INSTRUCTION (J, AEP made in US only)	
☛	50	3-861-946-12	MANUAL, INSTRUCTION (NH, SH)	
☛	50	3-861-946-21	MANUAL, INSTRUCTION (made in UK only)	
☛	51	4-063-796-11	DISK, IBM	
	52 *	4-062-955-01	CUSHION (UPPER) (made in US only)	
	52 *	4-064-282-01	CUSHION (UPPER) (made in UK only)	
☛	53 ⚠	1-783-507-11	CORD SET, POWER (6556-43N) (NH,J)	
☛	53 ⚠	1-783-507-21	CORD SET, POWER (6556-03N) (NH)	
☛	53 ⚠	1-783-533-11	CORD SET, POWER (6556-03N) (J)	
☛	54 *	4-063-449-01	BAG, PROTECTION (made in US only)	
☛	54 *	4-064-289-01	BAG, PROTECTION (made in UK only)	
	55 *	4-062-956-01	CUSHION (LOWER) (made in US only)	
	55 *	4-064-283-01	CUSHION (LOWER) (made in UK only)	
☛	56 *	4-062-954-01	INDIVIDUAL CARTON (made in US only)	
	56 *	4-064-281-01	INDIVIDUAL CARTON (made in UK only)	

English
98CJ74043-1
Printed in U.S.A.

9-965-837-81