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ILLUSTRATED PARTS BREAKDOWN

VR315 MONOCHROME MONITOR

HOW TO USE THE IPB

GENERAL

This IPB is compiled following the organization and nomenclature of the engineering drawing structure.

MAJOR ASSEMBLY LOCATOR (When Applicable)

The Major Assembly Locator (first illustration) is an index that provides a description and a figure reference for all illustrations used in this manual.

INDENTED PARTS LIST

This manual identifies each assembly being broken down (figure reference callout), and all parts of that assembly. Further breakdown of an assembly is shown by an asterisk (*) preceding the item callouts in the Description Column. The number of asterisks preceding an item is used to denote the subordination of that item with respect to the Major Assembly. A single asterisk preceding an item description indicates that the item is part of the major assembly being illustrated. Items that are subordinate to single asterisks items, are denoted by two asterisks (**) and immediately follow the related single asterisk item. This system of part identification provides a means for the user to identify the next higher assembly item and make alternate selections for parts when the required replacement part of assembly is not immediately available.

COLUMN CALLOUT DESCRIPTION

Figure and Item - Indicates the figure number and item number of each part.

Description - Lists the name of the part and pertinent specifications (when required). Asterisks preceding the description denote the subordination of the part to the next higher assembly.

DEC Part No. - Lists the Digital part ordering number. A blank in this column indicates a Digital part number was not assigned at the time of publication.

ECO Cut-In - The notation at the top of this column indicates the ECO level of the system (option), at which the IPB was initially prepared. Subsequent ECO level designations, that modify existing parts or add new parts to the device, are inserted in the ECO Cut-In column next to the part that is added or modified.

Used On Code - Letters in this column correspond to the variation codes assigned in Figure 1. Parts with an Alpha notation(s) are used only in those option variations. A blank indicates that the part is used on all option variations.

Ref Fig No. - A cross reference between illustrations. For each Major Assembly, the number in this column denotes the figure of the next higher assembly. For all subassemblies, the number in this column, denotes the figure showing additional detailed breakdown.

PART NUMBER/PART DESCRIPTION INDEX SECTION

Parts are indexed both numerically and alphabetically by description, referenced to a location within the IPB, by figure number and item number.

REVISION HISTORY				OTHER IPB MANUALS REFERENCED
PRINTING	ECO LEVEL		DATE	
1st Printing	VR315	00000-00000	19-OCT-90	N/A
	70-27477	00000-00000		
	70-27478	00000-00000		
	70-27073	00000-00000		

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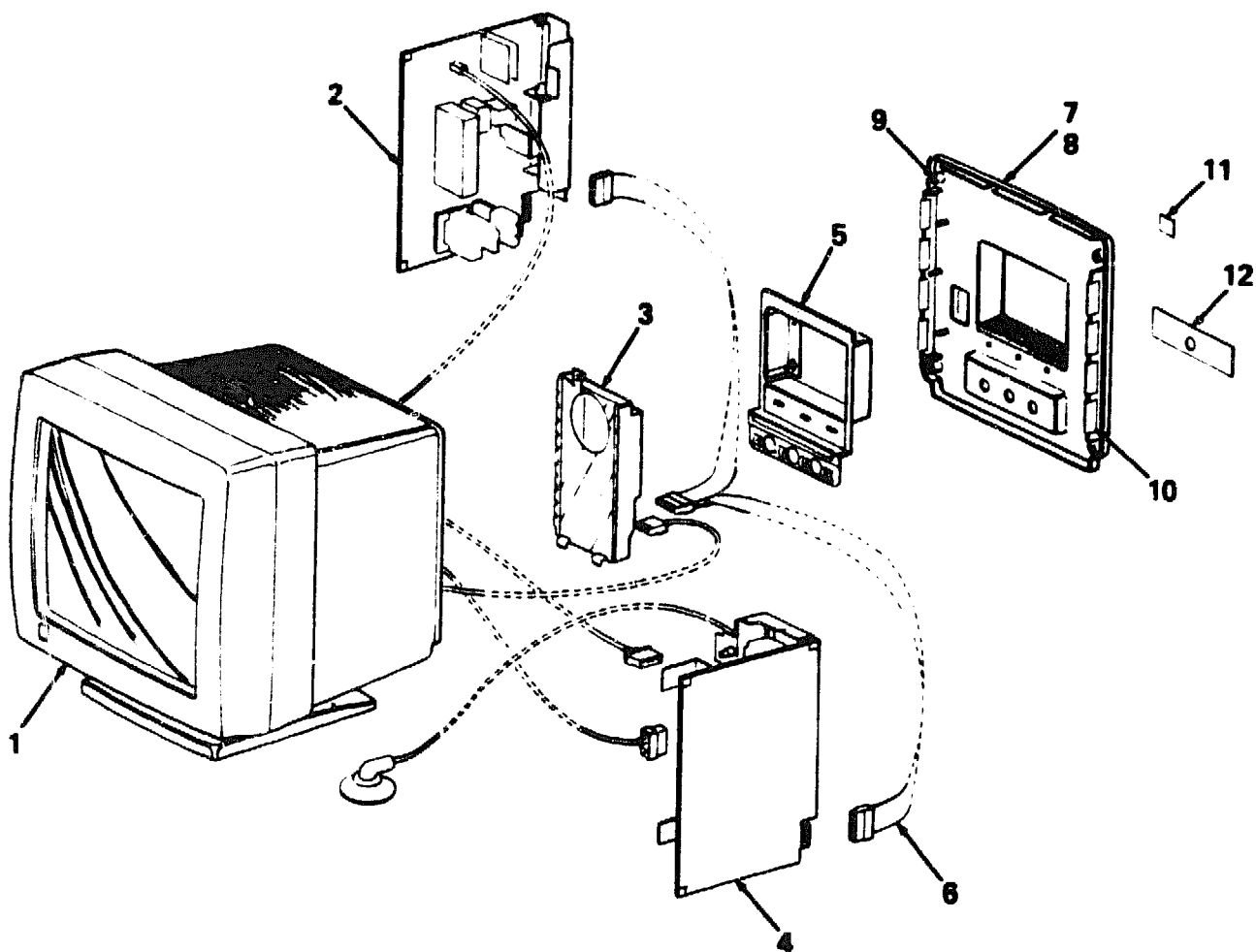
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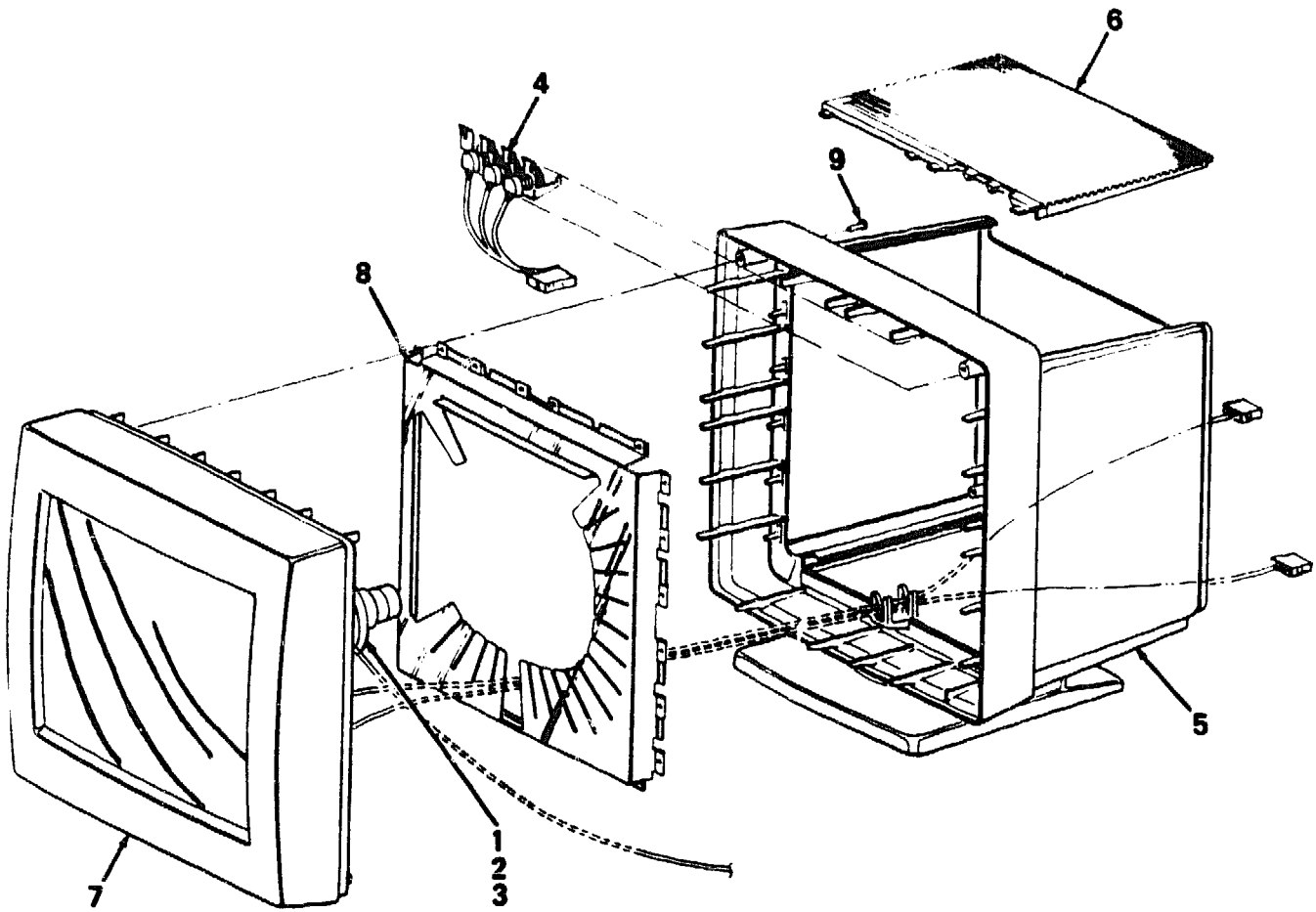


VR315-01-BD

Figure 1. Monitor Assembly, VR315

PARTS LIST

FIG. & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN VR315 00000	USED ON CODE	REF FIG NO.
1-	MONITOR ASSEMBLY, VR315				
	Code A - Used On VR315-DA (Northern Hemisphere)	VR315-DA		A	
	Code B - Used On VR315-D4 (Southern Hemisphere)	VR315-D4		B	
	Code C - Used On VR315-EA (Northern Hemisphere, Olivetti)	VR315-EA		C	
1	*CRT/CHASSIS ASSEMBLY (Northern Hemisphere)	70-27477-01		A	2
	*CRT/CHASSIS ASSEMBLY (Southern Hemisphere)	70-27477-02		B	2
	*CRT/CHASSIS ASSEMBLY (Northern Hemisphere, Olivetti)	70-27477-03		C	2
2	*Module, Power Supply	54-19829-02			
3	*CASTING ASSEMBLY, VIDEO	70-27073-01			4
4	*Module, Deflection	54-19826-01			
5	*Shield, Rear	70-28068-01			
6	*Cable Assembly, Interconnect (Ribbon)	70-27000-02			
7	*COVER ASSEMBLY, REAR	70-27074-01			
8	**Cover, Rear	74-39789-01			
9	**Screw, Captive Pan Hd. No. 6-32 x 5/8	12-30840-03			
10	**Shield, Ctl. On	12-32872-02			
11	*Label, "Power" (Non-Orderable)	36-33319-01			
12	*Label, "Regulatory" (Hong Kong) (Non-Orderable)	36-32051-01			

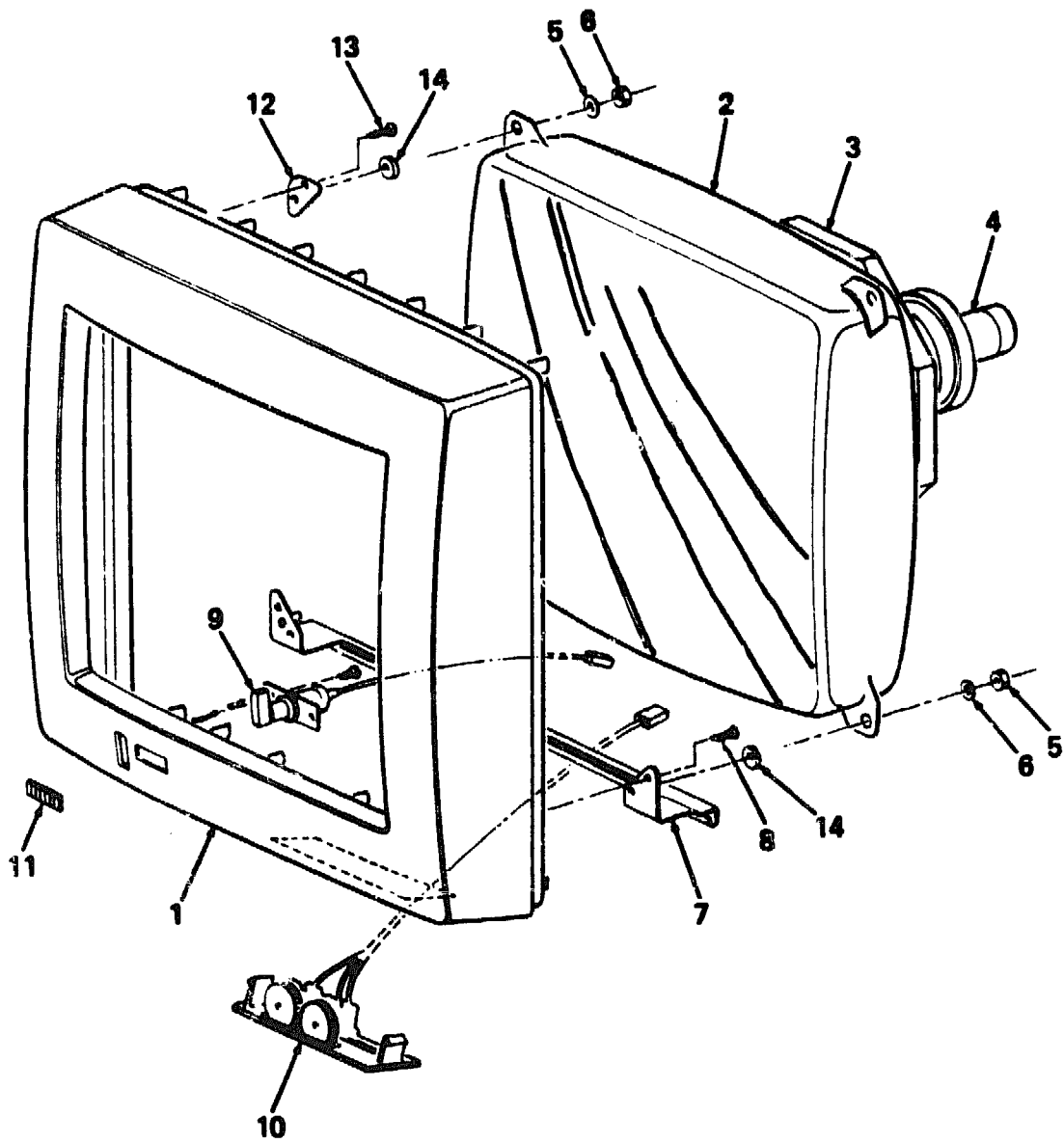


VR315-02-BD

Figure 2. CRT/Chassis Assembly

PARTS LIST

FIG. & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 70-27477 00000	USED ON CODE	REF FIG NO.
2-	*CRT/CHASSIS ASSEMBLY (Northern Hemisphere)	70-27477-01		A	2
	*CRT/CHASSIS ASSEMBLY (Southern Hemisphere)	70-27477-02		B	2
	*CRT/CHASSIS ASSEMBLY (Northern Hemisphere, Olivetti)	70-27477-03		C	2
1	*Magnet, Ring	12-30627-01			
2	*Magnet, Ring	12-30627-02			
3	*Magnet, Ring	12-30627-06			
4	*Cable Assembly, Raster	70-27003-04			
5	*ENCLOSURE ASSEMBLY	70-27070-01			5
6	*Cover Assembly, Top	70-27075-01			
7	*BEZEL ASSEMBLY, FRONT (SUPER F.R.U.)	70-27478-01		AB	3
	*BEZEL ASSEMBLY, FRONT (Olivetti) (SUPER F.R.U.)	70-27478-03		C	3
8	*Shield, Aquadag	74-39802-01			
9	*Screw, Mach Pan Hd No. 8-32 x 1/2	90-06039-01			
	ITEMS (Not Shown)				
	*Label, "Danger High Voltage" (Non-Orderable)	36-10267-00			
	*Clip, Wire Routing (Non-Orderable)	12-21249-06			

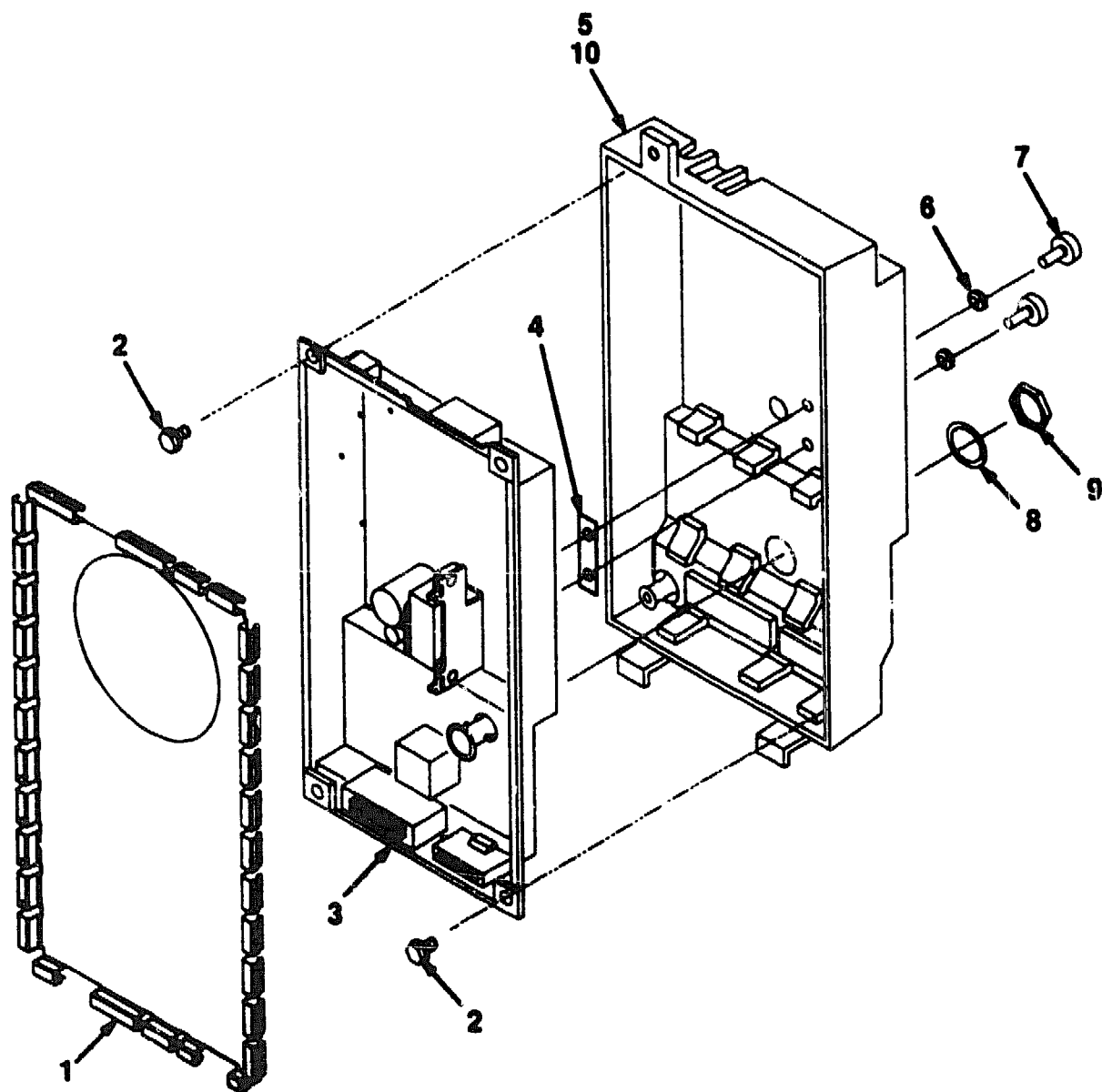


VR315-03-BD

Figure 3. Bezel Assembly, Front

PARTS LIST

FIG. & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 70-27478 00000	USED ON CODE	REF FIG NO.
3-	BEZEL ASSEMBLY, FRONT (SUPER F.R.U.)	70-27478-01		AB	2
	BEZEL ASSEMBLY, FRONT (Olivetti) (SUPER F.R.U.)	70-27478-03		C	2
1	*Bezel, CRT	74-40151-01		AB	
	*Bezel, CRT (Olivetti)	74-40151-02		C	
2	*CRT Assembly (15 inch) (Non-Orderable)	12-32037-01			
3	*Yoke Assembly (6MH Vert. 107UH Horiz.) (Non-Orderable)	12-32774-01			
4	*Tape, Fiberglass Adhesive (Non-Orderable)	36-15670-01			
5	*Nut, Kep No. 10-32	90-06565-00			
6	*Washer, Flat SST	90-06568-01			
7	*Bracket, Bezel Stiffener	74-41237-01			
8	*Screw, Pan Hd. No. 6-19 x 3/8	90-09800-08			
9	*LED Assembly	70-27008-01			
10	*Control Assembly	70-27007-04			
11	*Logo, "Digital"	74-39304-01			
12	*Plate, CRT Mounting	74-41208-01			
13	*Screw, Flat Hd. No. 6-19 x 1/2	90-10158-01			
14	*Spacer, CRT	74-42033-01			

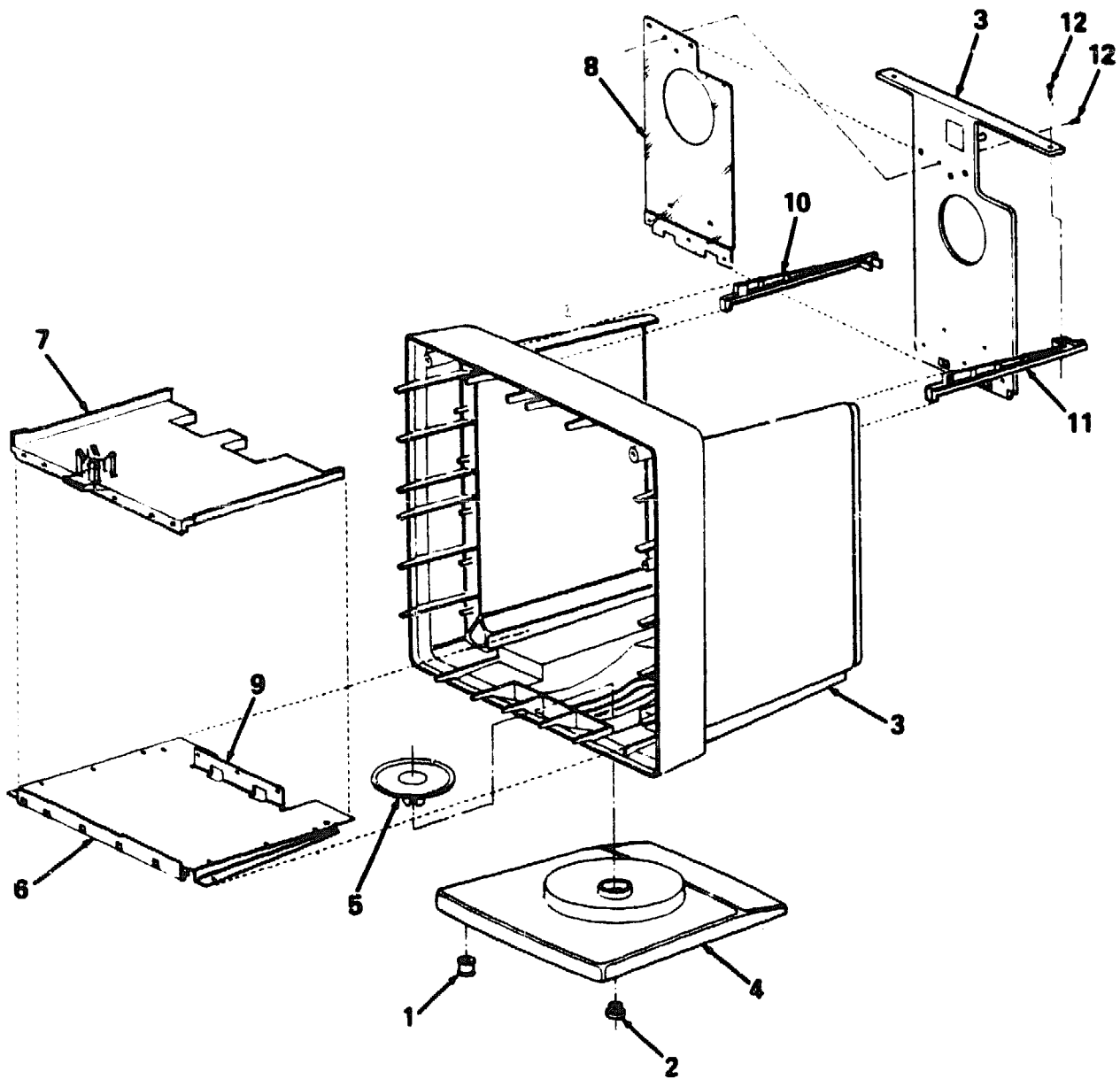


VR315-04-IL

Figure 4. Casting Assembly, Video

PARTS LIST

FIG. & ITEM NO.	DESCRIPTION	DEC PART NO.	A ECO CUT-IN 70-27073 00000	USED ON CODE	REF FIG NO.
4-	CASTING ASSEMBLY, VIDEO	70-27073-01			1
1	*Shield, Casting	74-39814-01			
2	*Screw, Hex Hd. No. 6-32 x 1/4	90-10378-01			
3	*Module, Video	54-19380-01			
4	*Pad, Sill	12-23044-03			
5	*Shield, Casting	74-39814-01			
6	*Washer, Shoulder	90-08288-00			
7	*Screw, Mach. Phi Pan Hd. 6-32 x 3/8	90-08022-01			
8	*Washer, Lock	90-08980-00			
9	*Nut, Hex No. 1/2 - 28	90-10583-01			
10	*Casting	74-39795-01			



VR315-05-BD

Figure 5. Enclosure Assembly

PARTS LIST

FIG. & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 70-27070 00000	USED ON CODE	REF FIG NO.
5-	ENCLOSURE ASSEMBLY	70-27070-01			2
1	*Bumper, Rubber	12-26968-01			
2	*Plug, Retainer	74-41176-01			
3	*Enclosure, Rear (Non-Orderable) (For Clarity, Shown In Two Pieces)	74-39785-01			
4	*Base	74-39790-01			
5	*Retainer, Base	74-39791-01			
6	*Shield, Bottom	74-39800-01			
7	*Guide, Lower Card	74-39793-01			
8	*Retainer, Stud Plate	74-40221-01			
9	*Shield, Bottom Rear	74-40918-01			
10	*Guide, Upper Card	74-39792-01			
11	*Guide, Top R.H. Card	74-39792-02			
12	*Screw, Flat Hd. No. 6-19 x 1/2	90-10158-01			
					Ω

PART NUMBER/DESCRIPTION INDEX



**INDEX BY DEC PART NUMBER
VR315 MONOCHROME MONITOR**

PART NO.	DESCRIPTION	FIG NO.	ITEM NO.
12-21249-06	Clip, Wire Routing (Non-Orderable)	2	Not Shown
12-23044-05	Pad, Sill	4	4
12-26968-01	Bumper, Rubber	5	1
12-30627-01	Magnet, Ring	2	1
12-30627-02	Magnet, Ring	2	2
12-30627-06	Magnet, Ring	2	3
12-30940-03	Screw, Captive Pan Hd. No. 6-32 x 5/8	1	9
12-32037-01	CRT Assembly (15 Inch) (Non-Orderable)	3	2
12-32774-01	Yoke Assembly (6MH Vert. 107UH Horiz.) (Non-Orderable)	3	3
12-32872-02	Shield, Clip On	1	10
36-10267-00	Label, "Danger High Voltage" (Non-Orderable)	2	Not Shown
36-15670-01	Tape, Fiberglass Adhesive (Non-Orderable)	3	4
36-32051-01	Label, "Regulatory" (Hong Kong) (Non-Orderable)	1	12
36-33319-01	Label, "Power" (Non-Orderable)	1	11
54-19350-01	Module, Video	4	3
54-19629-02	Module, Power Supply	1	2
54-19826-01	Module, Deflection	1	4
70-27000-02	Cable Assembly, Interconnect (Ribbon)	1	6
70-27003-04	Cable Assembly, Raster	2	4
70-27007-04	Control Assembly	3	10
70-27008-01	LED Assembly	3	9
70-27070-01	ENCLOSURE ASSEMBLY	5	N/A
70-27070-01	ENCLOSURE ASSEMBLY	2	5
70-27073-01	CASTING ASSEMBLY, VIDEO	1	3
70-27073-01	CASTING ASSEMBLY, VIDEO	4	N/A
70-27074-01	COVER ASSEMBLY, REAR	1	7
70-27075-01	Cover Assembly, Top	2	6
70-27477-01	CRT/CHASSIS ASSEMBLY (Northern Hemisphere)	1	1
70-27477-01	CRT/CHASSIS ASSEMBLY (Northern Hemisphere)	2	N/A
70-27477-02	CRT/CHASSIS ASSEMBLY (Southern Hemisphere)	2	N/A
70-27477-02	CRT/CHASSIS ASSEMBLY (Southern Hemisphere)	1	1
70-27477-03	CRT/CHASSIS ASSEMBLY (Northern Hemisphere, Olivetti)	2	N/A
70-27477-03	CRT/CHASSIS ASSEMBLY (Northern Hemisphere, Olivetti)	1	1
70-27478-01	BEZEL ASSEMBLY, FRONT (SUPER F.R.U.)	2	7
70-27478-01	BEZEL ASSEMBLY, FRONT (SUPER F.R.U.)	3	N/A
70-27478-03	BEZEL ASSEMBLY, FRONT (Olivetti) (SUPER F.R.U.)	3	N/A
70-27478-03	BEZEL ASSEMBLY, FRONT (Olivetti) (SUPER F.R.U.)	2	7
70-28068-01	Shield, Rear	1	5
74-39304-01	Logo, "Digital"	3	11
74-39785-01	Enclosure, Rear (Non-Orderable)	5	3
74-39789-01	Cover, Rear	1	8
74-39790-01	Base	5	4

**INDEX BY DEC PART NUMBER
VR315 MONOCHROME MONITOR**

PART NO.	DESCRIPTION	FIG NO.	ITEM NO.
74-39791-01	Retainer, Base	5	5
74-39792-01	Guide, Upper Card	5	10
74-39792-02	Guide, Top R.H. Card	5	11
74-39793-01	Guide, Lower Card	5	7
74-39795-01	Casting	4	10
74-39800-01	Shield, Bottom	5	6
74-39802-01	Shield, Aquadag	2	8
74-39814-01	Shield, Casting	4	5
74-39814-01	Shield, Casting	4	1
74-40151-01	Bezel, CRT	3	1
74-40151-02	Bezel, CRT (Olivetti)	3	1
74-40221-01	Retainer, Stud Plate	5	8
74-40918-01	Shield, Bottom Rear	5	9
74-41176-01	Plug, Retainer	5	2
74-41206-01	Plate, CRT Mounting	3	12
74-41237-01	Bracket, Bezel Stiffener	3	7
74-42033-01	Spacer, CRT	3	14
90-06022-01	Screw, Mach. Plt Pan Hd. 6-32 x 3/8	4	7
90-06039-01	Screw, Mach Pan Hd No. 8-32 x 1/2	2	9
90-06565-00	Nut, Kep No. 10-32	3	5
90-06668-01	Washer, Flat SST	3	6
90-08266-00	Washer, Shoulder	4	6
90-08980-00	Washer, Lock	4	8
90-09800-06	Screw, Pan Hd. No. 6-19 x 3/8	3	8
90-10158-01	Screw, Flat Hd. No. 6-19 x 1/2	3	13
90-10158-01	Screw, Flat Hd. No. 6-19 x 1/2	5	12
90-10378-01	Screw, Plt x Hd. No. 6-32 x 1/4	4	2
90-10563-01	Nut, Hex No. 1/2 - 28	4	9
N/A	MONITOR ASSEMBLY, VR315	1	N/A
VR315-D4	VR315-D4 (Southern Hemisphere)	1	N/A
VR315-DA	VR315-DA (Northern Hemisphere)	1	N/A
VR315-EA	VR315-EA (Northern Hemisphere, Olivetti)	1	N/A

**INDEX BY DEC PART DESCRIPTION
VR315 MONOCHROME MONITOR**

DESCRIPTION	DEC PART NO.	FIG. NO.	ITEM NO.
Base	74-39790-01	5	4
BEZEL ASSEMBLY, FRONT (Olivetti) (SUPER F.R.U.)	70-27478-03	3	N/A
BEZEL ASSEMBLY, FRONT (Olivetti) (SUPER F.R.U.)	70-27478-03	2	7
BEZEL ASSEMBLY, FRONT (SUPER F.R.U.)	70-27478-01	3	N/A
BEZEL ASSEMBLY, FRONT (SUPER F.R.U.)	70-27478-01	2	7
Bezel, CRT	74-40151-01	3	1
Bezel, CRT (Olivetti)	74-40151-02	3	1
Bracket, Bezel Stiffener	74-41237-01	3	7
Bumper, Rubber	12-26958-01	5	1
Cable Assembly, Interconnect (Ribbon)	70-27000-02	1	6
Cable Assembly, Raster	70-27003-04	2	4
Casting	74-39795-01	4	10
CASTING ASSEMBLY, VIDEO	70-27073-01	1	3
CASTING ASSEMBLY, VIDEO	70-27073-01	4	N/A
Clip, Wire Routing (Non-Orderable)	12-21249-06	2	Not Shown
Control Assembly	70-27007-04	3	10
COVER ASSEMBLY, REAR	70-27074-01	1	7
Cover Assembly, Top	70-27075-01	2	6
Cover, Rear	74-39789-01	1	8
CRT Assembly (15 inch) (Non-Orderable)	12-32037-01	3	2
CRT/CHASSIS ASSEMBLY (Northern Hemisphere)	70-27477-01	1	1
CRT/CHASSIS ASSEMBLY (Northern Hemisphere)	70-27477-01	2	N/A
CRT/CHASSIS ASSEMBLY (Northern Hemisphere, Olivetti)	70-27477-03	1	1
CRT/CHASSIS ASSEMBLY (Northern Hemisphere, Olivetti)	70-27477-03	2	N/A
CRT/CHASSIS ASSEMBLY (Southern Hemisphere)	70-27477-02	2	N/A
CRT/CHASSIS ASSEMBLY (Southern Hemisphere)	70-27477-02	1	1
ENCLOSURE ASSEMBLY	70-27070-01	2	5
ENCLOSURE ASSEMBLY	70-27070-01	5	N/A
Enclosure, Rear (Non-Orderable)	74-39785-01	5	3
Guide, Lower Card	74-39793-01	5	7
Guide, Top R.H. Card	74-39792-02	5	11
Guide, Upper Card	74-39792-01	5	10
Label, "Danger High Voltage" (Non-Orderable)	36-10267-00	2	Not Shown
Label, "Power" (Non-Orderable)	36-33319-01	1	11
Label, "Regulatory" (Hong Kong) (Non-Orderable)	36-32051-01	1	12
LED Assembly	70-27008-01	3	9
Logo, "Digital"	74-39304-01	3	11
Magnet, Ring	12-30627-01	2	1
Magnet, Ring	12-30627-06	2	3
Magnet, Ring	12-30627-02	2	2
Module, Deflection	54-19826-01	1	4
Module, Power Supply	54-19629-02	1	2
Module, Video	54-19350-01	4	3
MONITOR ASSEMBLY, VR315	N/A	1	N/A
Nut, Hex No. 1/2 - 28	90-10563-01	4	9
Nut, Kep No. 10-32	90-06565-00	3	5

**INDEX BY DEC PART DESCRIPTION
VR315 MONOCHROME MONITOR**

DESCRIPTION	DEC PART NO.	FIG. NO.	ITEM NO.
Pad, Silt	12-23044-05	4	4
Plate, CRT Mounting	74-41206-01	3	12
Plug, Retainer	74-41176-01	5	2
Retainer, Base	74-39791-01	5	5
Retainer, Stud Plate	74-40221-01	5	8
Screw, Captive Pan Hd. No. 6-32 x 5/8	12-30940-03	1	9
Screw, Flat Hd. No. 6-19 x 1/2	90-10158-01	3	13
Screw, Flat Hd. No. 6-19 x 1/2	90-10158-01	5	12
Screw, Hex Hd. No. 6-32 x 1/4	90-10378-01	4	2
Screw, Mach. Pan Hd No. 8-32 x 1/2	90-06039-01	2	9
Screw, Mach. Phi Pan Hd. 6-32 x 3/8	90-06022-01	4	7
Screw, Pan Hd. No. 6-19 x 3/8	90-09800-06	3	8
Shield, Aquadag	74-39802-01	2	8
Shield, Bottom	74-39800-01	5	6
Shield, Bottom Rear	74-40918-01	5	9
Shield, Casting	74-39814-01	4	1
Shield, Casting	74-39814-01	4	5
Shield, Clip On	12-32872-02	1	10
Shield, Rear	70-28068-01	1	5
Spacer, CRT	74-42033-01	3	14
Tape, Fiberglass Adhesive (Non-Orderable)	36-15670-01	3	4
VR315-D4 (Southern Hemisphere)	VR315-D4	1	N/A
VR315-DA (Northern Hemisphere)	VR315-DA	1	N/A
VR315-EA (Northern Hemisphere, Olivetti)	VR315-EA	1	N/A
Washer, Flat SST	90-06668-01	3	6
Washer, Lock	90-08980-00	4	8
Washer, Shielder	90-08266-00	4	6
Yoke Assembly (6MH Vert. 107UH Horiz.) (Non-Orderable)	12-32774-01	3	3