

ILLUSTRATED PARTS BREAKDOWN

VR48 TABLE/SCOPE

HOW TO USE THE IPB

GENERAL

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

MAJOR ASSEMBLY LOCATOR

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. Additional asterisks are used, as required, to denote further subordination. 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 or assembly is not immediately available.

COLUMN CALLOUT DESCRIPTION

Figure & 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 DEC part ordering number. A blank in this column indicates a DEC 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. A bracket ([]) preceding the item description is used to indicate the parts affected by ECO's.

Vendor Code/Part No. — Indicates vendor parts that are not stocked by DEC. Refer to the Field Service Spares Catalog (vendor part number to DEC part number) for the vendor code cross-reference.

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.

SYMBOL USAGE

Hardware Designators — Alpha designators for screws (S), washers (W), nuts (N), and retaining rings (R) are inserted after the item number callouts on the illustration when stacked item numbers are used.

Attaching Hardware — The @ symbol is inserted before any part that is used as attaching hardware. Attaching hardware is denoted as those parts that are not an integral part of the referenced assembly.

(NFR) Not Field Repairable — The (NFR) symbol is inserted after any assembly that is not to be field dismantled.

Other Symbols — Any other symbols that are required for kits, accessories, etc., will be explained and appear as part of the item description.

REVISION HISTORY

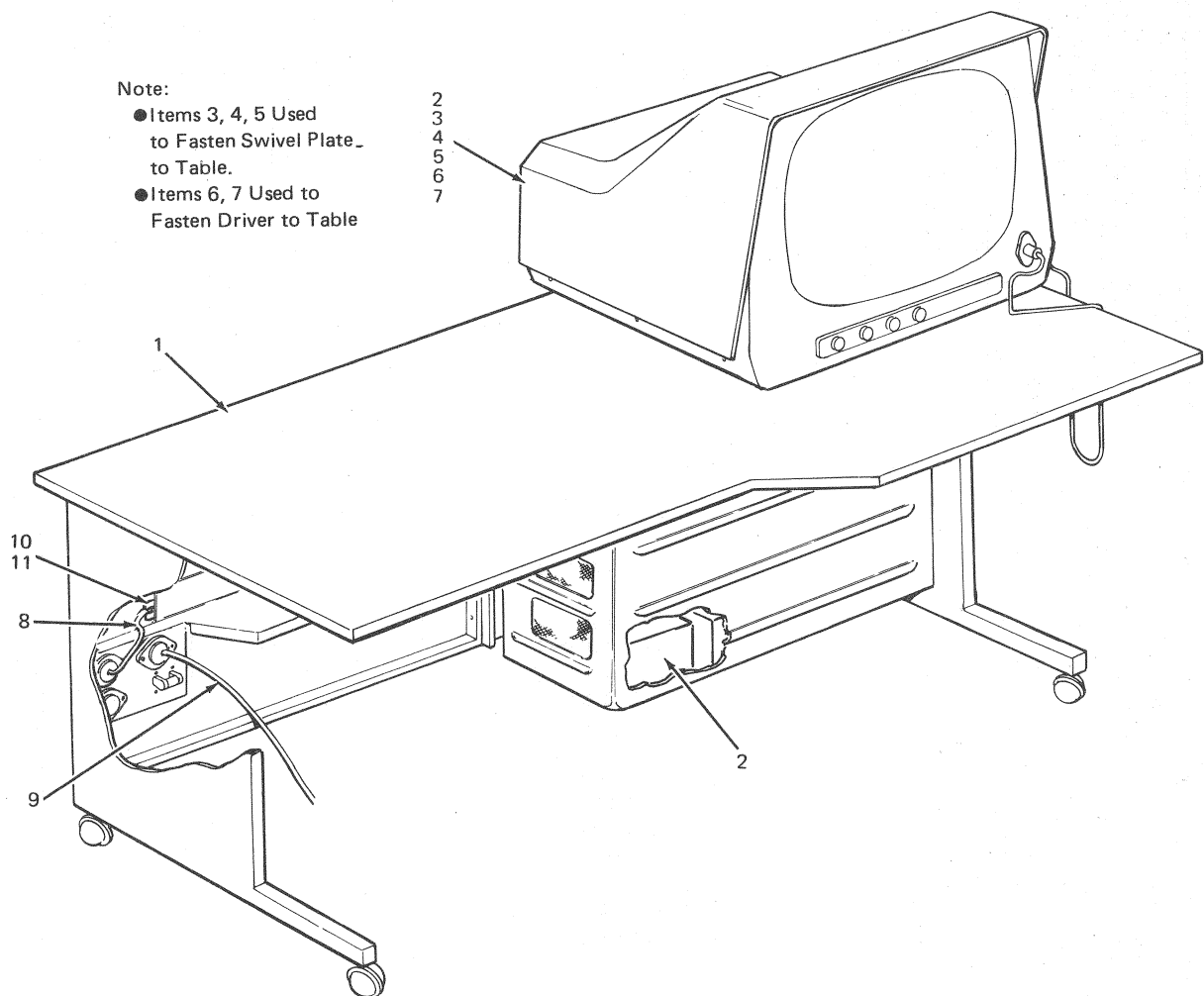
PRINTING	ECO LEVEL	DATE	PAGES AFFECTED
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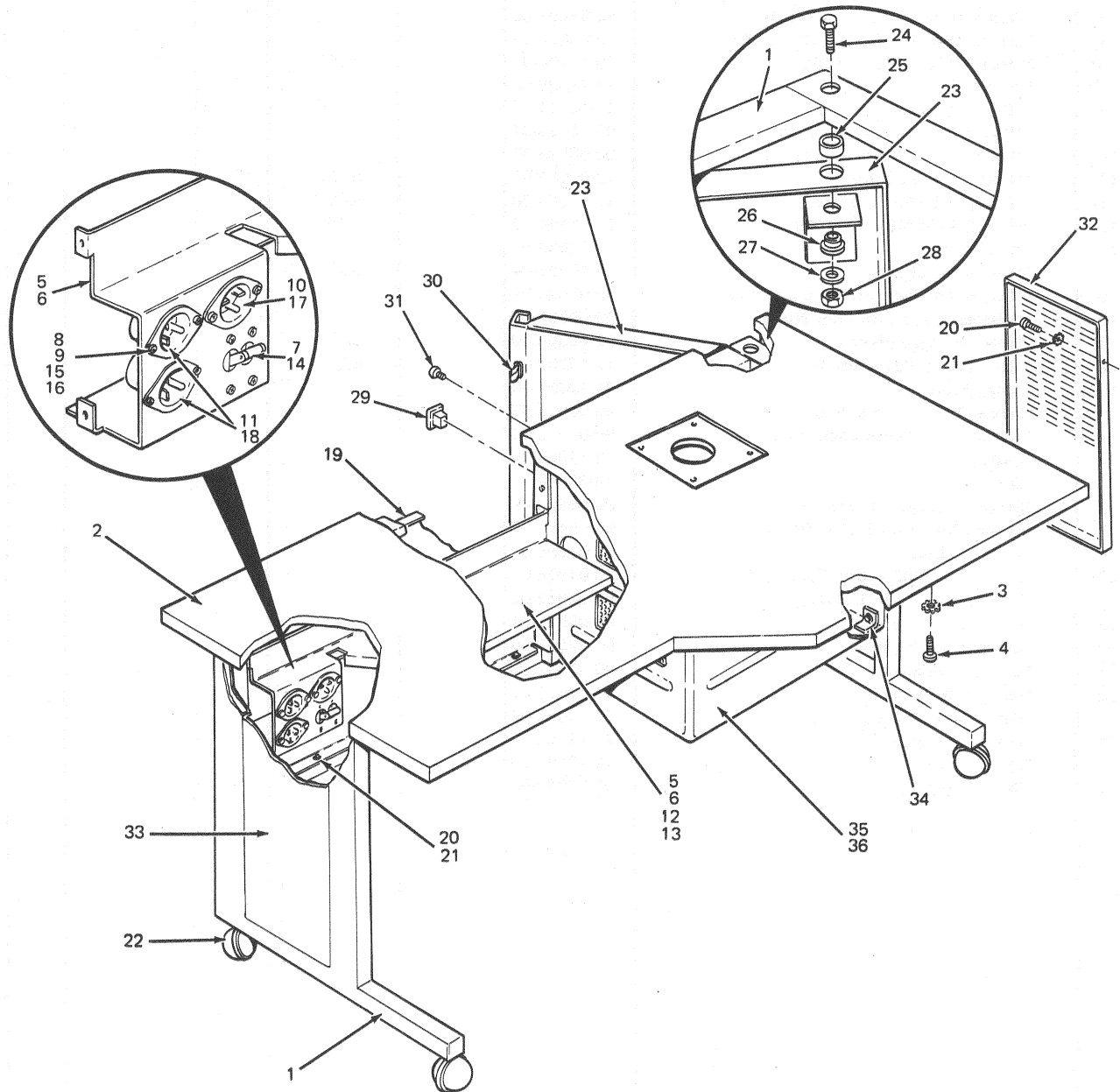
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VR48-01

Figure 1. VR48 Table and Scope Assembly

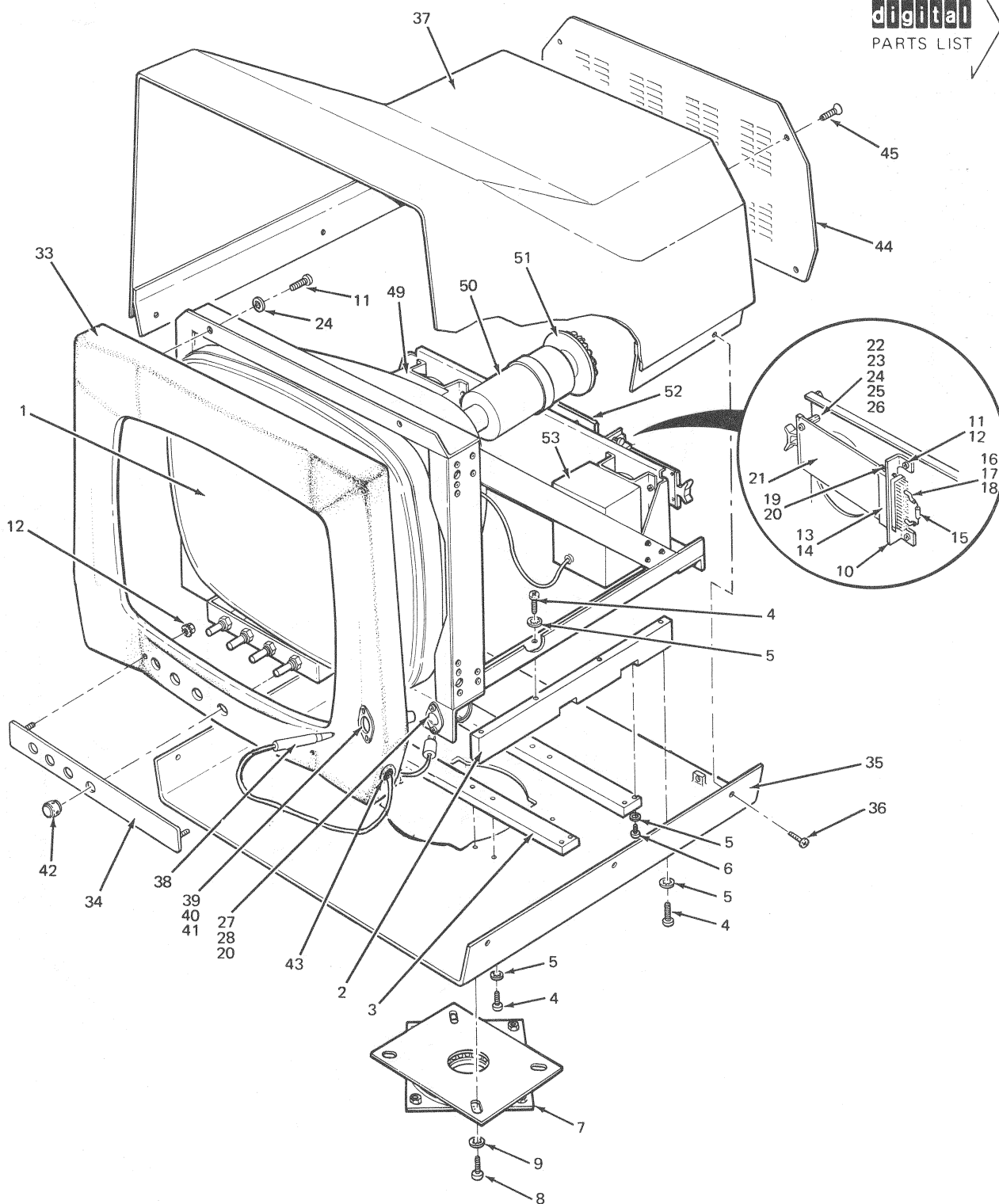
FIG & ITEM NO.	DESCRIPTION	DEC PART NO.	A ECO CUT-IN VR48 00005	USED ON CODE	VENDOR		REF FIG NO.
					CODE	PART NO.	
1—	VR48 TABLE and SCOPE ASSEMBLY Code A — Used on Model VR48-AA 115V (w/Light Pen) Code B — Used on Model VR48-AB 230V (w/Light Pen) Code C — Used on Model VR48-BA 115V (w/Light Pen) Code D — Used on Model VR48-BB 230V (w/Light Pen) Code E — Used on Model VR48-CA 115V (w/o Light Pen) Code F — Used on Model VR48-CB 230V (w/o Light Pen) Code G — Used on Model VR48-DA 115V (w/o Light Pen) Code H — Used on Model VR48-DB 230V (w/o Light Pen)	VR48-AA VR48-AB VR48-BA VR48-BB VR48-CA VR48-CB VR48-DA VR48-DB		A B C D E F G H			
1	*TABLE ASSEMBLY 115V	70-10286-01		ACEG			2
	*TABLE ASSEMBLY 230V	70-10286-02		BDFH			2
2	*SCOPE and DRIVER ASSY. 115V (w/Light Pen)	70-11194-01		AC			3
	*SCOPE and DRIVER ASSY. 115V (w/o Light Pen)	70-11194-02		EG			3
	*SCOPE and DRIVER ASSY. 230V (w/Light Pen)	70-11194-03		BD			3
	*SCOPE and DRIVER ASSY. 230V (w/o Light Pen)	70-11194-04		FH			3
3	*Screw, Hex Hd. No. 1/4-20 x 1.25	90-06245-09					
4	*Washer, Ext. Tooth Lock .25 ID	90-06724-00					
5	*Nut, Hex No. 1/4-20 Nylock	90-07897-00					
6	*Screw, Phl. Pan Hd. No. 8-32 x .50	90-06039-01					
7	*Washer, Int. Tooth Lock No. 8	90-06634-00					
8	*Power Cord 115V (6 Ft)	91-07673-06		ACEG			
	*Power Cord 230V (6 Ft)	70-09898-01		BDFH			
9	*Power Cord 115V (35 Ft)	91-07673-35		AE			
	*Power Cord 230V (35 Ft)	70-09898-04		BF			
	*Power Cord 115V (50 Ft)	91-07673-50		CG			
	*Power Cord 230V (50 Ft)	70-09898-05		DH			
10	*Cable Tie	90-07880-00					
11	*Cable Tie Mount	90-07867-00					



VR48-02

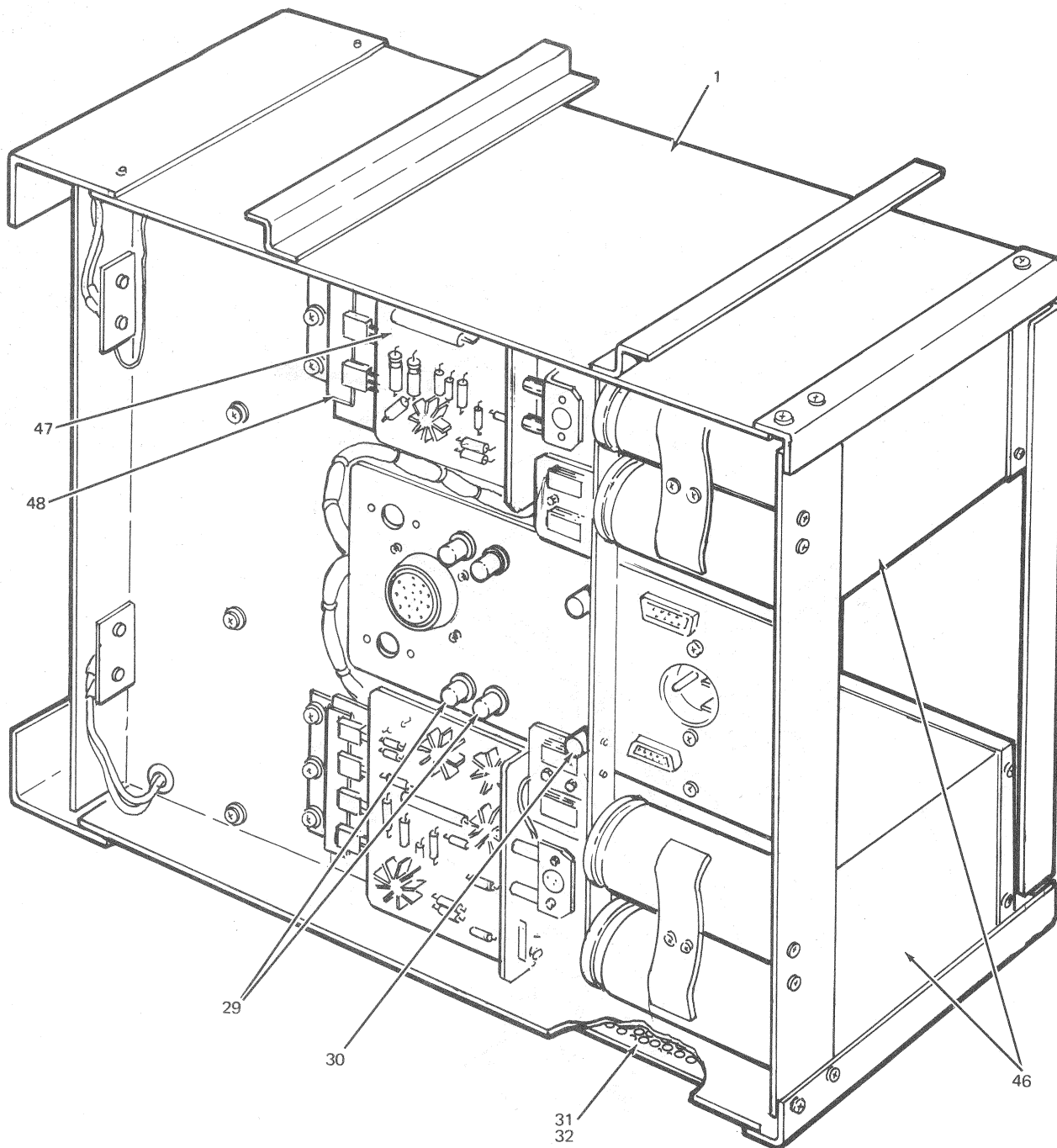
Figure 2. Table Assembly

FIG & ITEM NO.	DESCRIPTION	DEC PART NO.	A ECO CUT-IN 70-10286 00001	USED ON CODE	VENDOR		REF FIG NO.
					CODE	PART NO.	
2-	TABLE ASSEMBLY 115V TABLE ASSEMBLY 230V	70-10286-01 70-10286-02		ACEG BDFH			1 1
1	*Frame Assembly	74-12640-00					
2	*Table Top	34-12053-00					
3	*Washer, Ext. Tooth Lock No. 10	90-07651-00					
4	*Screw, Truss Hd. No. 10-32 x 1.25	90-06078-03					
5	*SHELF ASSEMBLY (125V)	70-11195-01		ACEG			
6	**Shelf	74-12638-00					
7	**Circuit Breaker 15A	12-10191-03		ACEG			
8	**Screw, Phl. Pan Hd. No. 6-32 x 1/4	90-06020-01					
9	**Washer, Int. Tooth Lock No. 6	90-06633-00					
10	**Inlet, Flanged 125V	12-09983-00		ACEG			
11	**Receptacle, Power 125V	12-10203-00		ACEG			
12	*SHELF ASSEMBLY (250V)	70-11195-02		BDFH			
13	**Shelf	74-12638-00					
14	**Circuit Breaker 6A	12-10191-04		BDFH			
15	**Screw, Phl. Pan Hd. No. 6-32 x 1/4	90-06020-01					
16	**Washer, Int. Tooth Lock No. 6	90-06633-00					
17	**Inlet, Flanged 250V	90-08854-00		BDFH			
18	**Receptacle, Power 250V	12-10202-00		BDFH			
19	*Panel, Front	74-12637-00					
20	*Screw, Truss Hd. No. 8-32 x .25	90-06035-03					
21	*Washer, Ext. Tooth Lock No. 8	90-08072-00					
22	*Caster	12-12305-00					
23	*Door	74-12649-00					
24	*Screw, Hex Hd. No. 3/8-16 x 1.0	90-08922-09					
25	*Spacer, Nylon .375 ID x .504 OD x .375	90-09561-00					
26	*Bushing, Snap	90-09565-01					
27	*Washer, .375 ID x .687 OD x .062	90-07858-00					
28	*Nut, Hex No. 3/8-16 Nylock	90-08062-00					
29	*Catch, Door (Latch)	90-09571-01					
30	*Catch, Door (Striker)	90-09571-00					
31	*Bumper, Molded	90-09709-00					
32	*Panel, Side (With Slots)	74-12636-01					
33	*Panel, Side (Without Slots)	74-12636-02					
34	*Bracket, Angle	74-14153-00					
35	*Cover, Driver	12-12507-00					
36	*Strip, Polyethylene	90-07044-00					



VR48-03

Figure 3. Scope and Driver Assembly (Sheet 1 of 2)



VR48-03A

Figure 3. Scope and Driver Assembly (Sheet 2 of 2)

FIG & ITEM NO.	DESCRIPTION	DEC PART NO.	ECO CUT-IN 70-11194 00000	USED ON CODE	VENDOR		REF FIG NO.
					CODE	PART NO.	
3-	SCOPE and DRIVER Assy. 115V (w/Light Pen)	70-11194-01		AC			1
	SCOPE and DRIVER Assy. 115V (w/o Light Pen)	70-11194-02		EG			1
	SCOPE and DRIVER Assy. 230V (w/Light Pen)	70-11194-03		BD			1
	SCOPE and DRIVER Assy. 230V (w/o Light Pen)	70-11194-04		FH			1
1	*CRT Assembly (Includes Driver) 115V	30-12494-00		ACEG			
	*CRT Assembly (Includes Driver) 230V	30-12494-01		BDFH			
	*21 Inch CRT Only	29-22316-00					
	*Rail, Side	74-13538-00					
	*Mount, Swivel	74-13539-00					
	*Screw, Phl. Pan Hd. No. 8-32 x 3/8	90-06037-01					
	*Washer, Int. Tooth Lock No. 8	90-06634-00					
	*Screw, Socket Hd. No. 8-32 x 3/8	90-06337-08					
	*Swivel, Plate (Rework)	74-12650-00					
	*Screw, Hex Hd. No. 1/4-20 x .50	90-06241-09					
	*Washer, Ext. Tooth Lock .25 ID	90-06724-00					
	*Clamp	74-14369-00					
	*Screw, Phl. Pan Hd. No. 6-32 x 3/8	90-06022-01					
	*Nut, Kep No. 6-32	90-08185-00					
	*CONNECTOR BLOCK ASSEMBLY	70-11777-00					
	**Connector, 36 Pin	12-09123-00					
	**Capacitor, 47 MFD ±20% 20V	10-00079-00					
	**Pin, Termi-Point	90-07655-01					
	**Tubing, Shrinkable	91-07305-00					
	**Tubing, Teflon Clear	91-07256-11					
	*Screw, Phl. Pan Hd. No. 4-40 x 3/4	90-06011-01					
	*Washer, Int. Tooth No. 4	90-06632-00					
	*LIGHT PEN BOARD ASSEMBLY	M661		ACBD			
	*Stand-Off, Male-Female	90-09741-00					
	*Screw, Phl. Pan Hd. No. 2-56 x .25	90-06001-01					
	*Washer, Int. Tooth Lock No. 6	90-06633-00					
	*Washer, Flat No. 2	90-08877-00					
	*Washer, Int. Tooth No. 2	90-06631-00					
	*LIGHT PEN HARNESS ASSEMBLY	70-11613-00					
	*Screw, Phl. Pan Hd. No. 4-40 x .25	90-08801-01					
	*Line Terminator	70-11776-01					
	*Line Terminator	70-11776-02					
	*Shield, Drip	74-14339-00					
	*Washer, Rubber	90-09684-00					
	*Mask	12-12506-00					
	*Logo, Display	74-13703-00					
	*Base	12-12505-00					
	*Screw, Flat Hd. (Blk Pas.) No. 8-32 x 1/2	90-09434-02					
	*Cover	12-12504-00					
	*LIGHT PEN ASSEMBLY	30-12495-00		ACBD			
	*Holder, Light Pen	12-12508-00					
	*Screw, Flat Hd. No. 4-40 x .31	90-06010-02					
	*Nut, Kep No. 4-40	90-06557-00					
	*Knob (Includes (2) No. 6-32 Set Screws)	12-12509-00					
	*Strain Relief	90-09572-00					
	*Cover, Rear	74-13968-00					
	*Screw, Flat Hd No. 6-32 x .38	90-06022-02					





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