AlphaStation 255 Series
Illustrated Parts Breakdown

Order Number: EK−VLLXA−IP. A01

Digital Equipment Corporation
Maynard, Massachusetts

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EK–VLLXA–IP. A01

ILLUSTRATED PARTS BREAKDOWN

AlphaStation 255 Series

ILLUSTRATED PARTS BREAKDOWN (IPB)
The IPB is used to identify a part and its location in a hardware product. The document references specific item numbers in the associated parts list.

HOW TO USE THE IPB
1. Locate the figure containing the item of interest.
2. Locate the number (callout) of the item of interest.
3. Locate that item number in the associated parts list.

FORMAT
Each IPB is generally organized based on its first figure. All other assemblies and subassemblies are referenced from this figure. Each figure contains numeric callouts of all major parts (items).

PARTS LIST
Each parts list contains the following:

Figure and Item No. – Lists the figure number and its referenced numeric callout

Description – Presents the name and a brief description of the item. A single asterisk (*) preceding the description denotes item is a subassembly to its referenced figure. A double asterisk (**) preceding the description indicates that this item is subordinate to the preceding single asterisk item.

Digital Part No. – Lists the Digital/Vendor part number. The letter in the column heading indicates the current revision level of the Engineering Drawing for the referenced figure.

ECO Cut-In – Lists the top assembly drawing number and revision level at first printing. All additional revisions to an item are listed in this column.

Used On Code – Lists letters referring to the product variation assigned in Figure 1. When this column is blank, the item is used in all variations.

Ref Fig No. – Lists a cross reference between figures within the IPB.

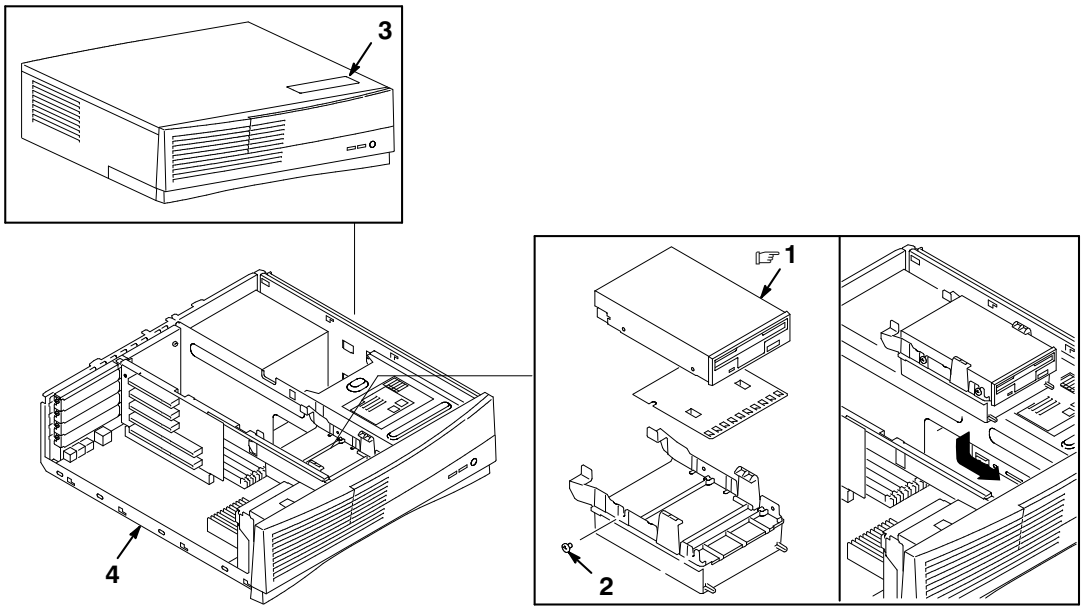
PART NUMBER/PART DESCRIPTION INDEX SECTION
Lists items by part number numerically, and description alphabetically. Items are also referenced to a location within the IPB by figure and item number.

ECO/REVISION HISTORY

FIGURE NO.	ASSEMBLY	INITIAL LEVEL	CURRENT LEVEL	PRINTING DATE	OTHER IPB MANUALS REFERENCED
1	PB47A	00000	00000	8–MAR–96	N/A
2	PB48A	00000	00000		
3	PB47H	00000	00000		
3	PB48H	00000	00000		

FIG.& ITEM NO.	DESCRIPTION	DIGITAL [A] PART NO.	ECO CUT–IN PB47A 00000	USED ON CODE	REF FIG NO.
1–	AlphaStation 255 Sys. Bldg. Block (233 MHz) (UNIX)	PB47A–AA		A	
	AlphaStation 255 Sys. Bldg. Block (233 MHz) (VMS)	PB47A–BA		B	
	AlphaStation 255 Sys. Bldg. Block (233 MHz) (NT)	PB47A–CA		C	
☞ 1	*Floppy Disk Drive, (3 1/2 Inch, 1.44 MB)	RX23L–AB		C	
2	*Screw, Sems Pan Hd No. M3 x 6mm	90–09984–20		C	
3	*Label, ‘‘License Agreement’’	36–38668–01		AB	
4	*AlphaStation 255 KERNEL ASSEMBLY (233 MHz)	PB47H–AA			3

☞ ☜ INDICATES FRU LEVEL PARTS.

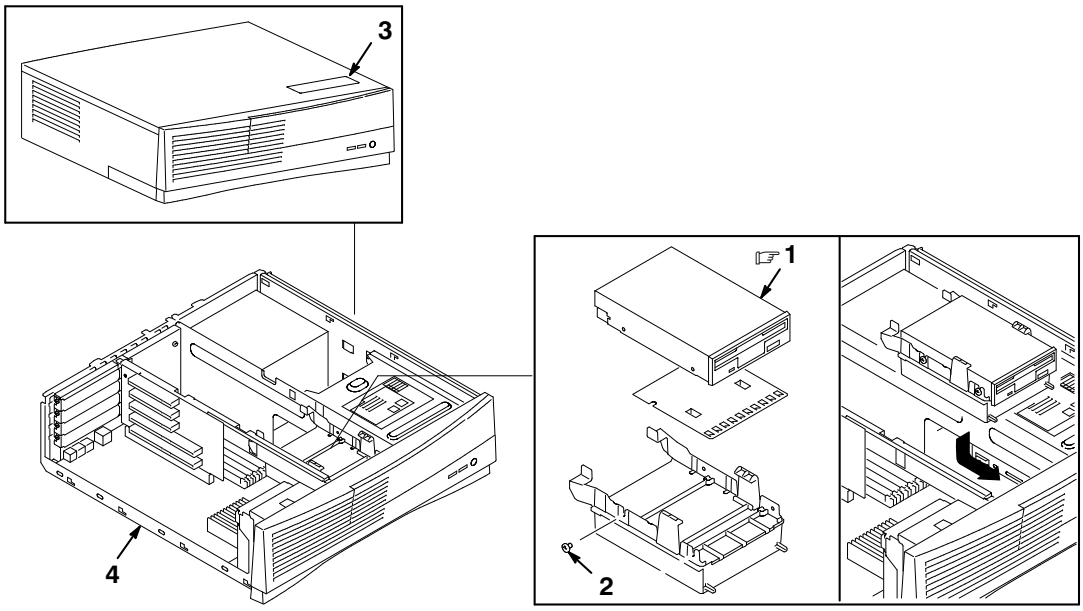


IP–PB47A–01

Figure 1. AlphaStation 255 System Building Block (233 MHz)

FIG.& ITEM NO.	DESCRIPTION	DIGITAL [A] PART NO.	ECO CUT–IN PB48A 00000	USED ON CODE	REF FIG NO.
2–	AlphaStation 255 Sys. Bldg. Block (300 MHz) (UNIX)	PB48A–AA		A	
	AlphaStation 255 Sys. Bldg. Block (300 MHz) (VMS)	PB48A–BA		B	
	AlphaStation 255 Sys. Bldg. Block (300 MHz) (NT)	PB48A–CA		C	
☞ 1	*Floppy Disk Drive, (3 1/2 Inch, 1.44 MB)	RX23L–AB		C	
2	*Screw, Sems Pan Hd No. M3 x 6mm	90–09984–20		C	
3	*Label, ‘‘License Agreement’’	36–38668–01		AB	
4	*AlphaStation 255 KERNEL ASSEMBLY (300 MHz)	PB48H–AA			3

☞ ☜ INDICATES FRU LEVEL PARTS.



IP–PB47A–01

Figure 2. AlphaStation 255 System Building Block (300 MHz)

☞ ☜ **INDICATES FRU LEVEL PARTS.**

PARTS LIST

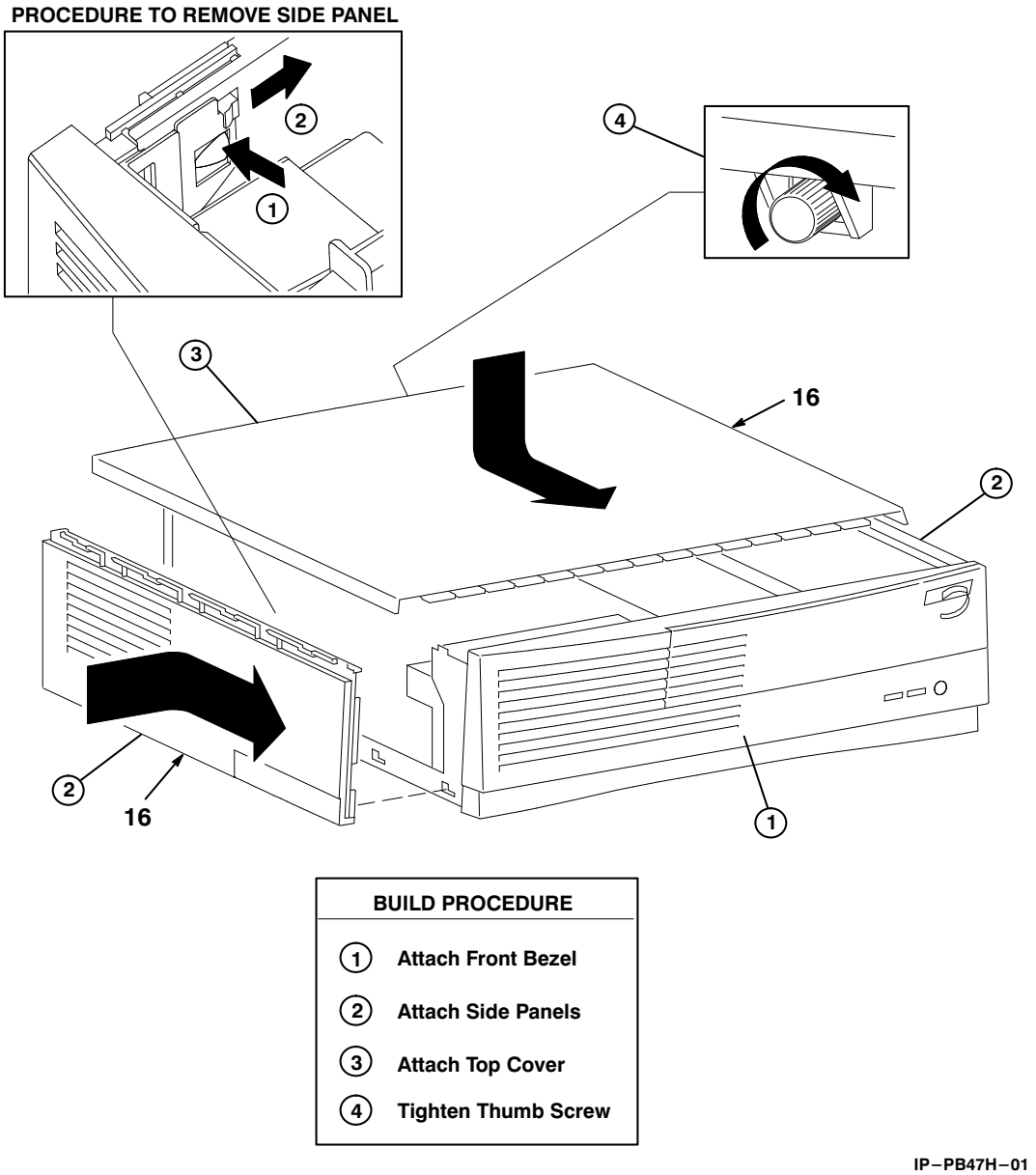
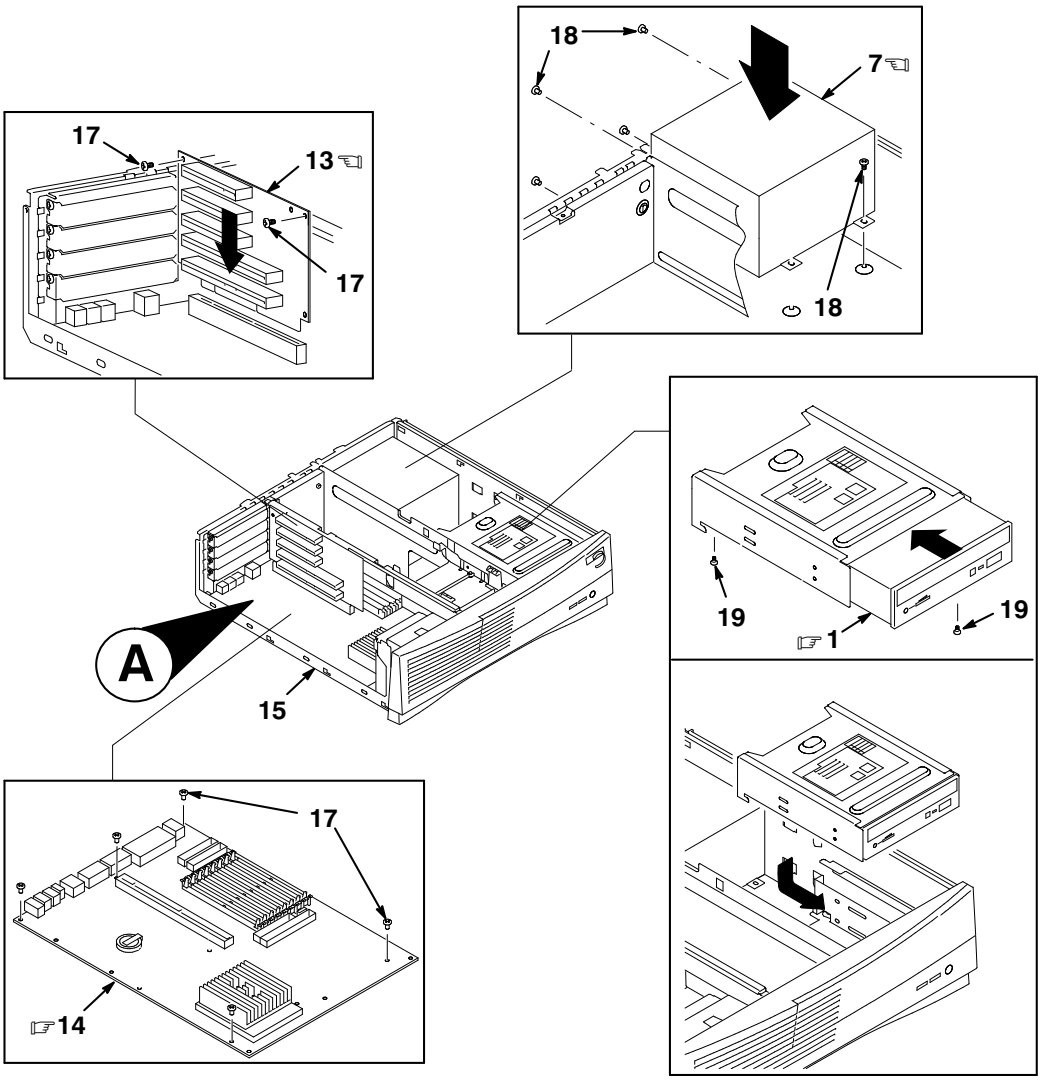


Figure 3. AlphaStation 255 Kernel Assembly (Sheet 1 of 5)

☞ ☜ INDICATES FRU LEVEL PARTS.

PARTS LIST



IP–PB47H–02

Figure 3. AlphaStation 255 Kernel Assembly (Sheet 2 of 5)

☞ ☜ INDICATES FRU LEVEL PARTS.

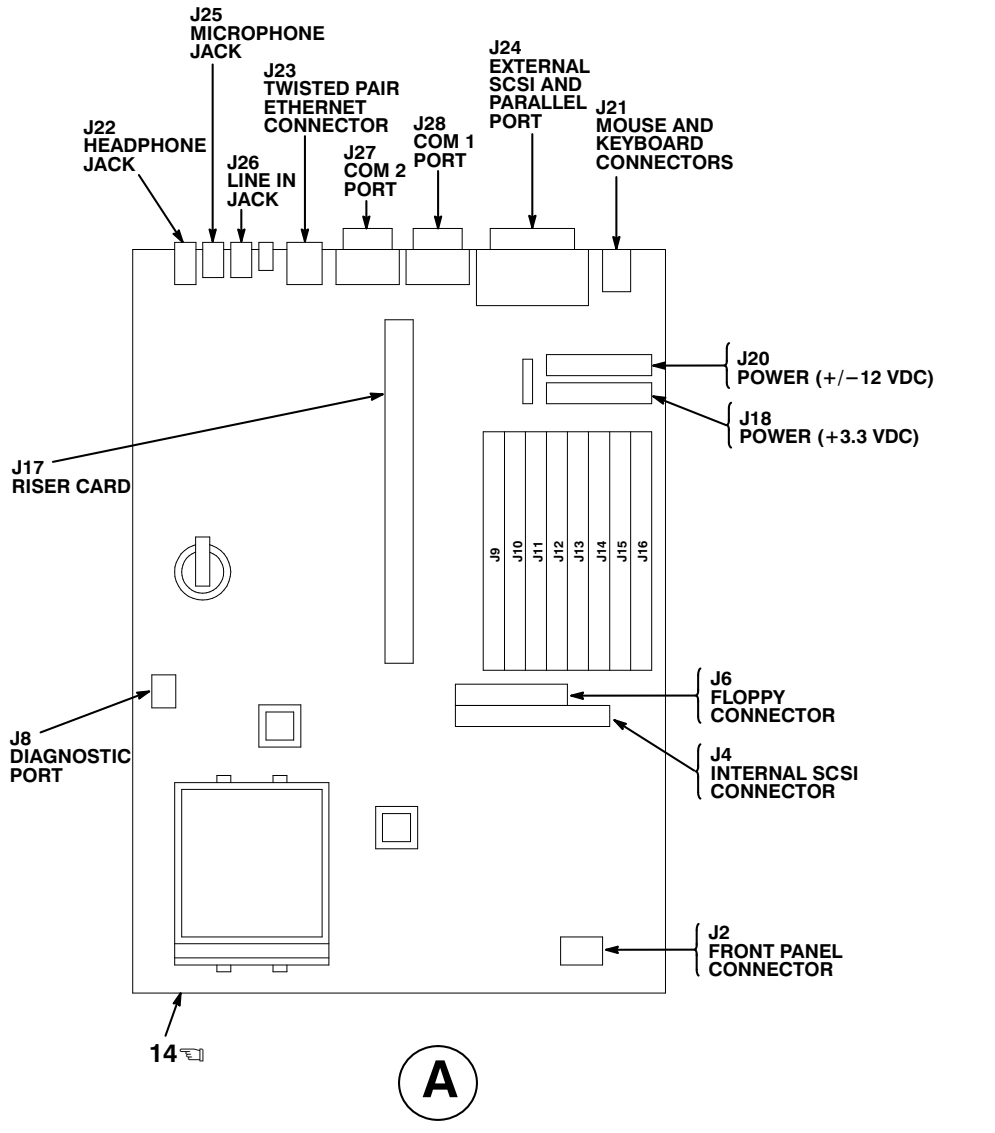
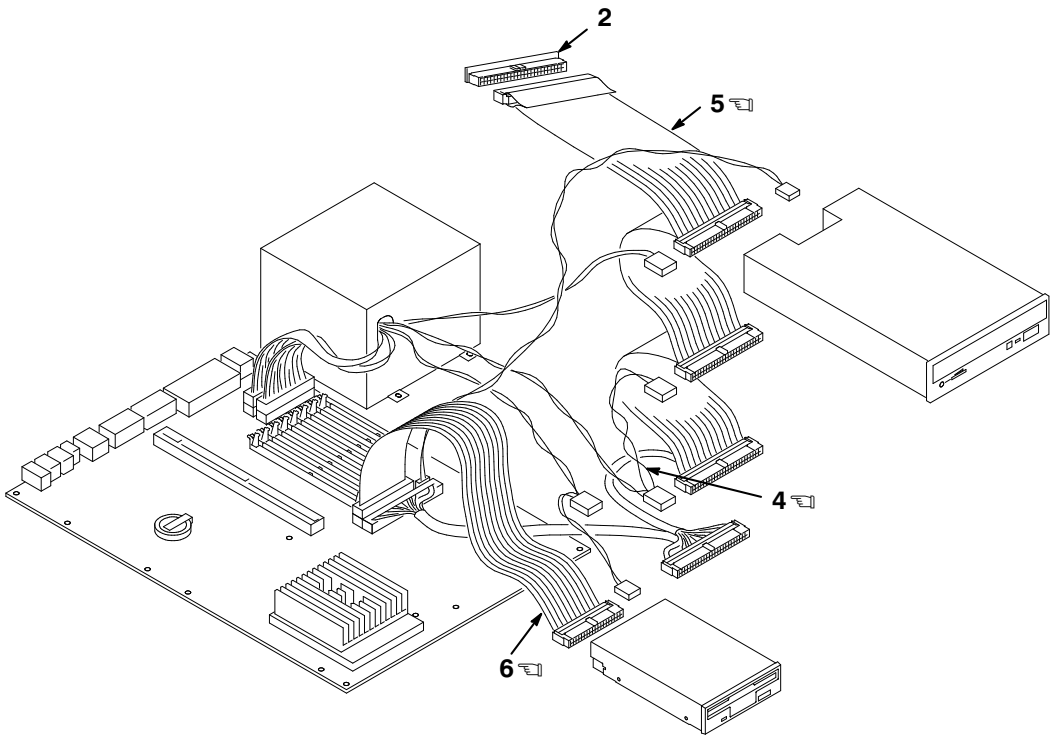


Figure 3. AlphaStation 255 Kernel Assembly (Sheet 3 of 5)

☞ ☜ INDICATES FRU LEVEL PARTS.

PARTS LIST



IP–PB47H–04

Figure 3. AlphaStation 255 Kernel Assembly (Sheet 4 of 5)

☞ ☜ INDICATES FRU LEVEL PARTS.

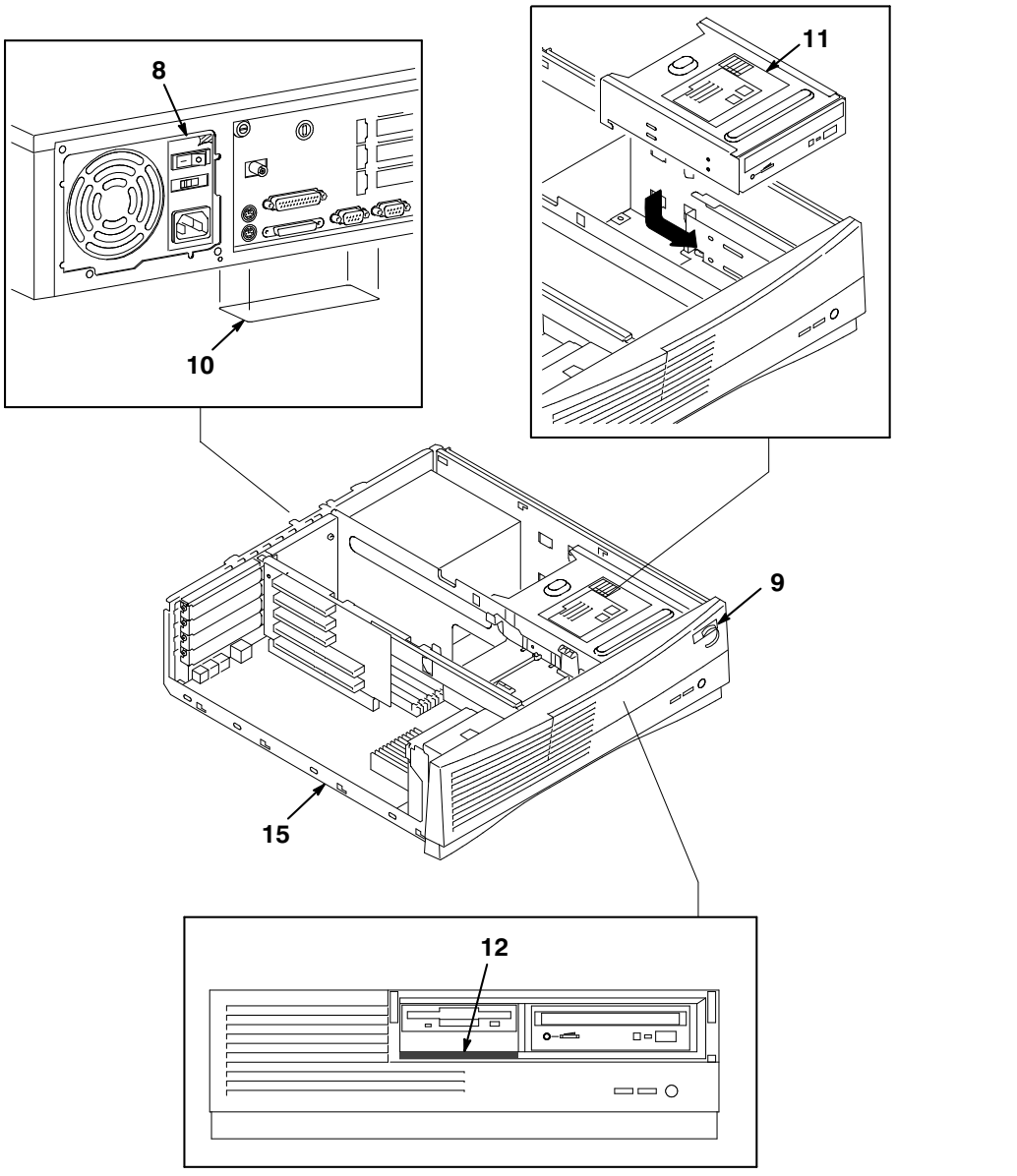


Figure 3. AlphaStation 255 Kernel Assembly (Sheet 5 of 5)

FIG.& ITEM NO.	DESCRIPTION	DIGITAL PART NO.	ECO CUT−IN	USED ON CODE	REF FIG NO.
3−	AlphaStation 255 KERNEL ASSEMBLY (233 MHz)	PB47H−AA		A	1
	AlphaStation 255 KERNEL ASSEMBLY (300 MHz)	PB48H−AA		B	2
☞ 1	*CD−ROM (4X)	RRD45−AB			
2	*Connector, 50−Pin SCSI Terminator	12−36929−03			
3	*Terminator, 50−Pin Male Hd SCSI (Not Shown)	12−41667−02			
☞ 4	*Wire Harness, 3 Cond., 28 AWG	17−04272−01			
☞ 5	*Cable, Flat 50 Cond., 28 AWG	17−04313−01			
☞ 6	*Cable, Flat 34 Cond., 28 AWG	17−04314−01			
☞ 7	*Power Supply, 200W	30−46120−02			
8	*Label, ‘‘Warning Equipment Rating, 100−120V” (U.S.)	36−17905−16			
	*Label, ‘‘Warning Equipment Rating, 220−240V” (International)	36−17905−17			
9	*Label, ‘‘Alpha Generation Logo”	36−43277−01			
10	*Label, ‘‘Regulatory, Model/Serial Number” (U.S.)	36−43336−13			
	*Label, ‘‘Regulatory, Model/Serial Number” (U.K.)	36−43336−14			
	*Label, ‘‘Regulatory, Model/Serial Number” (Singapore)	36−43336−19			
11	*Label, ‘‘Customer Installation”	36−46493−01			
12	*Label, ‘‘Product ID”	36−46887−02			
☞13	*Module, Riser	54−24321−01			
☞14	*Module, System (233 MHz)	54−24631−01		A	
☞	*Module, System (300 MHz)	54−24631−02		B	
15	*Chassis Assembly	70−32022−02			
16	*Cover Assembly	70−32026−01			
17	*Screw, Sems Pan Hd No. M3 x 6mm	90−09984−20			
18	*Screw, Sems Pan Hd No. M3.5 x 8mm	90−09984−29			
19	*Screw, Sems Pos, M3 x 5mm	90−11187−01			