

AlphaServer 1000 Series
Illustrated Parts Breakdown

Order Number: EK-DTLSV-IP. B01

Digital Equipment Corporation
Maynard, Massachusetts

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Please reference EK-DTSLV-IP. B01 in your correspondence.

**ILLUSTRATED
PARTS
BREAKDOWN**

AlphaServer 1000 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.

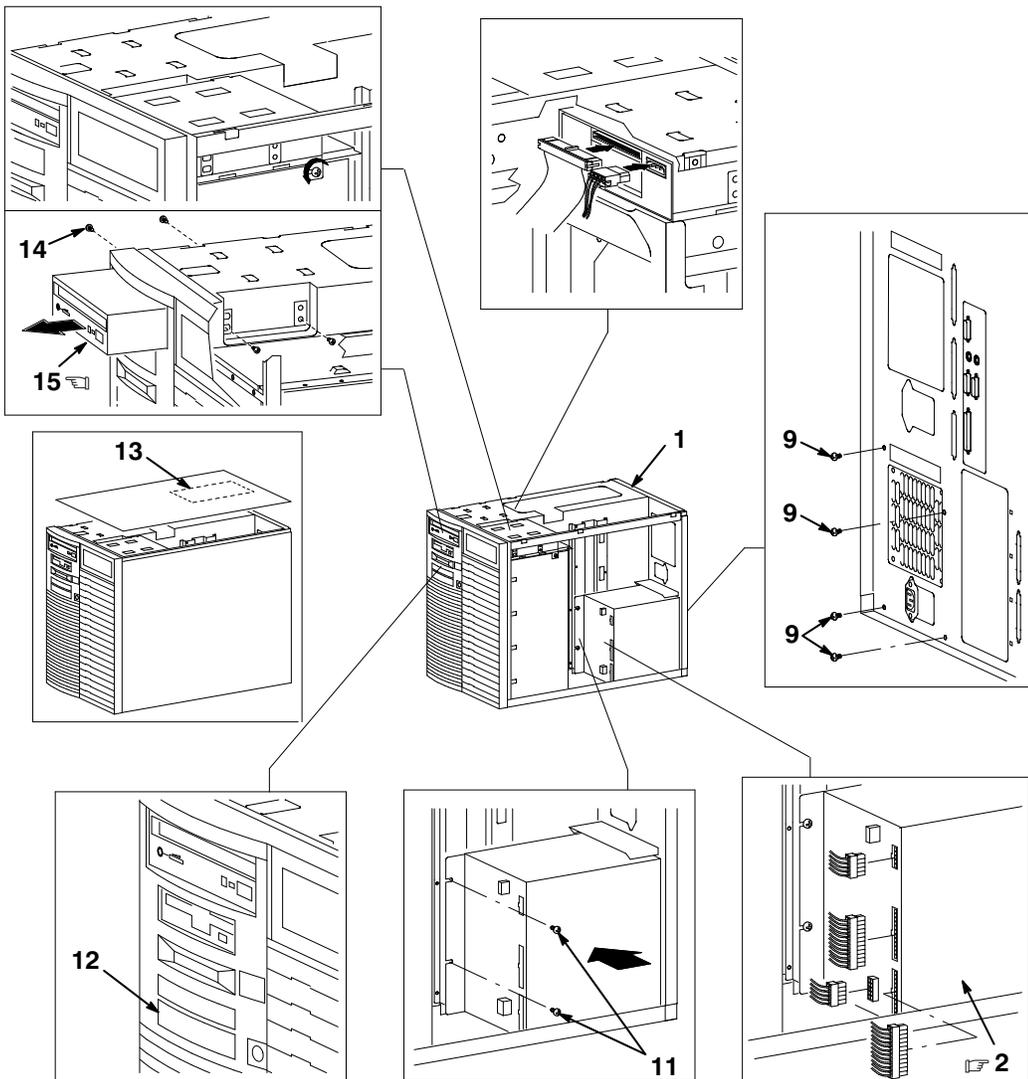
ECO/REVISION HISTORY

**OTHER IPB
MANUALS
REFERENCED**

FIGURE NO.	ASSEMBLY	INITIAL LEVEL	CURRENT LEVEL	PRINTING DATE	OTHER IPB MANUALS REFERENCED
1	PB70A	00000	00001	12-JUL-96	N/A
1	PB71A	00002	00002		
1	PB72A	00000	00000		
1	PB75A	00000	00000		
2	30-41899	00000	00004		

INDICATES FRU LEVEL PARTS.

PARTS LIST

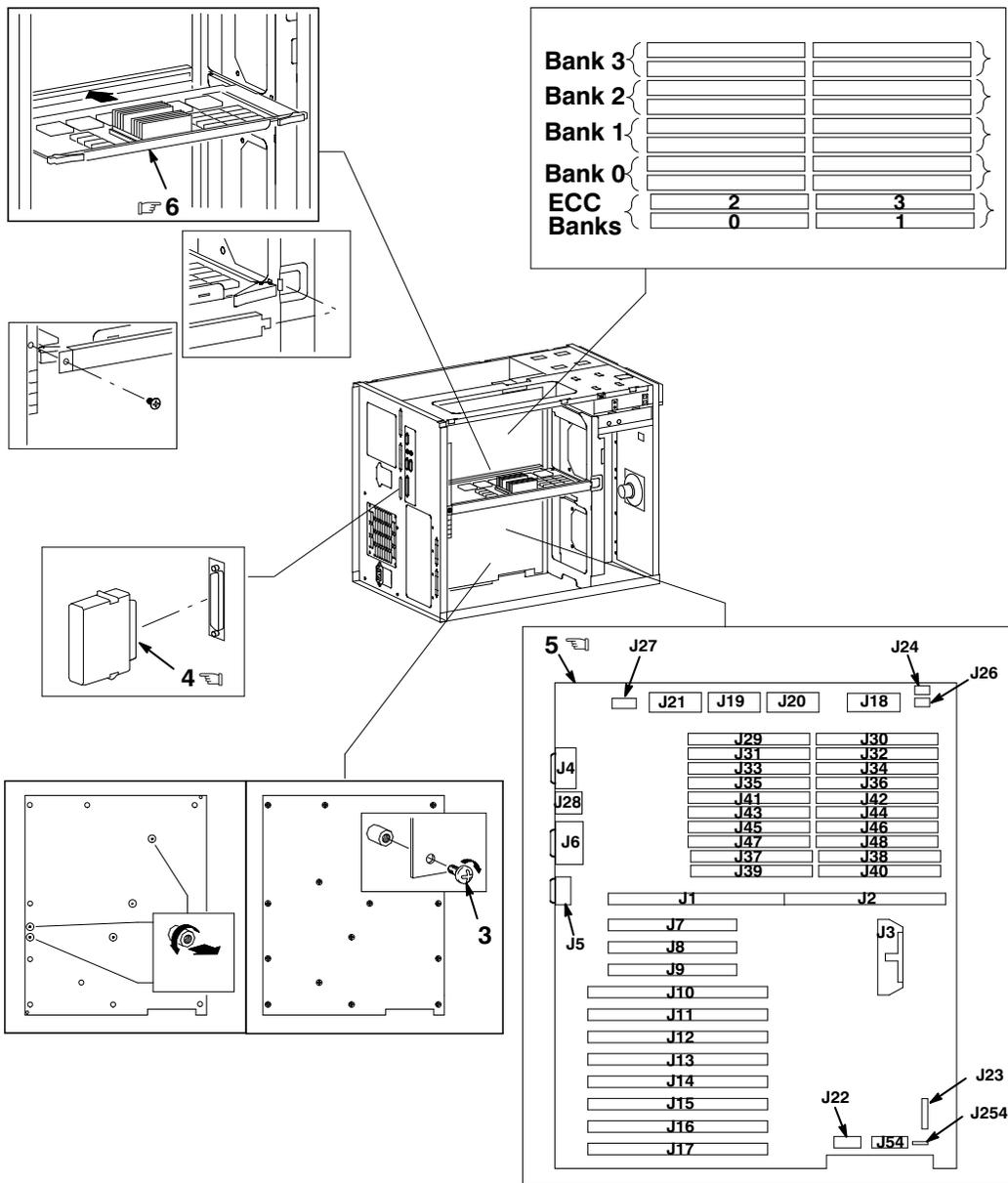


IP-DTSLV-01

Figure 1. Kernel Assemblies (Sheet 1 of 2)

PARTS LIST

INDICATES FRU LEVEL PARTS.



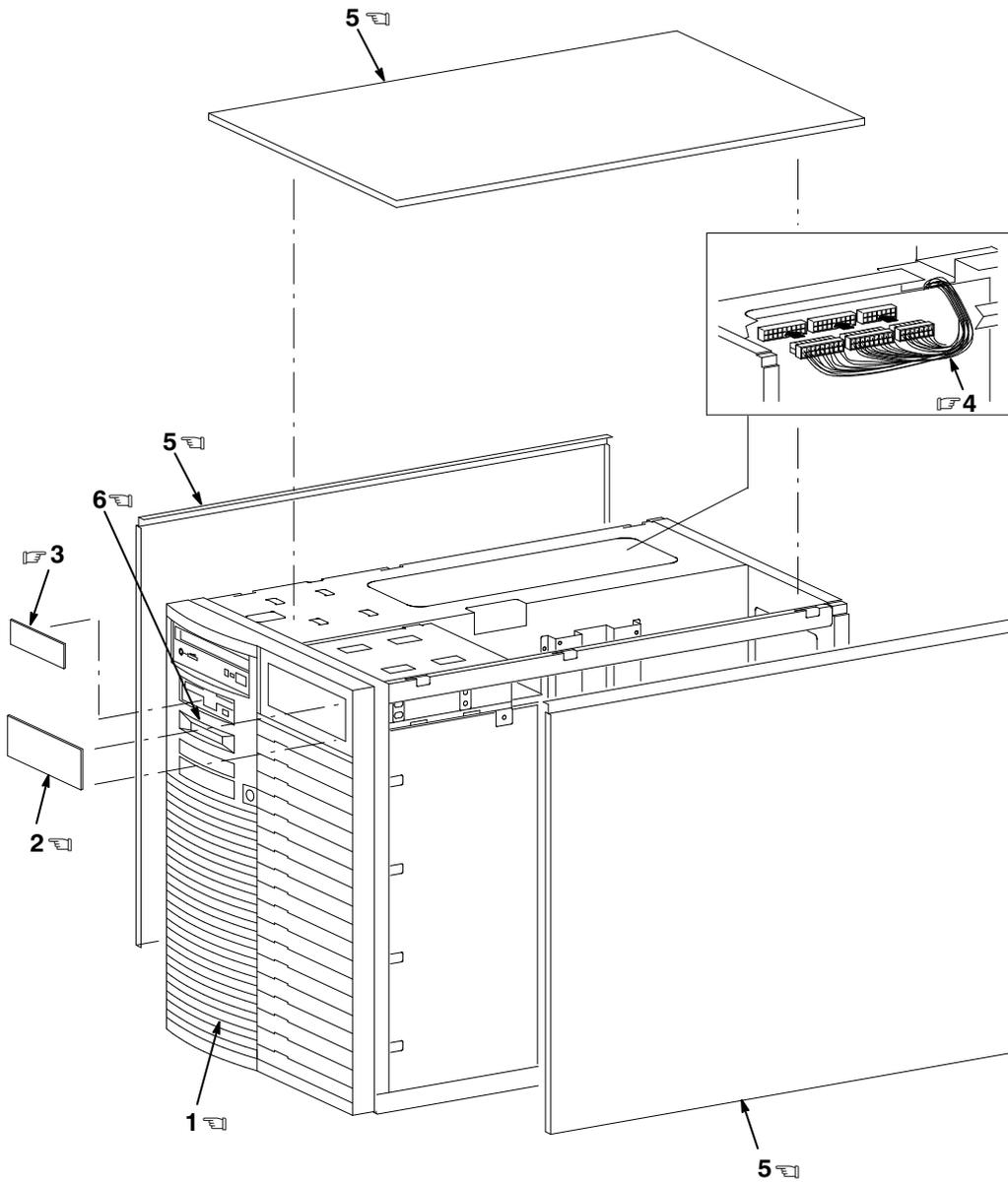
IP-DTSLV-02

Figure 1. Kernel Assemblies (Sheet 2 of 2)

FIG. & ITEM NO.	DESCRIPTION	DIGITAL PART NO.	ECO CUT-IN	USED ON CODE	REF FIG NO.
1-	KERNEL ASSEMBLIES				
A	AlphaServer 1000 MODEL 4/200	PB70A-A9		A	
B	AlphaServer 1000 MODEL 4/233	PB71A-A9		B	
C	AlphaServer 1000 MODEL 4/266	PB72A-A9		C	
D	AlphaServer 1000 MODEL 5/300	PB75A-A9		D	
1	*DESKSIDE TOWER (360 MM Width, 440 MM Height, 530 MM Depth)	30-41899-01			2
2	*Power Supply, 400W	30-41976-01		AB	
2	*Power Supply, 450W	30-43120-02		BCD	
3	*Screw, Sems M3 Pan 6 mm	90-09984-20			
4	*Terminator, 50-Pin Male SCSI	12-41667-01		A	
4	*Terminator, Narrow SCSI, External	12-41667-02		BCD	
5	*Module, System	54-23308-01			
6	*Module, Alpha Processor, 200 MHz, EV45	54-23297-01		A	
6	*Module, Alpha Processor, 233 MHz, EV45	54-23297-03		B	
6	*Module, Alpha Processor, 266 MHz, EV45	54-23297-04		C	
6	*Module, Alpha Processor, 300 MHz, EV5	54-24719-02		D	
7	*Package Assembly (Not Shown)	37-01507-01			
8	*Kit, EISA System Configuration (Not Shown)	QC-01YAA-HC			
9	*Screw, Sems 6-32 x .25 Pan	90-00049-01		BCD	
9	*Screw, Sems M3.5 Pan 8 mm	90-09984-29		AB	
10	*Adapter, DECstation 2000, 9-Pin Serial (Not Shown)	H8571-J			
11	*Screw, Sems M3.5 Pan 8 mm	90-09984-29			
12	*Medallion, AlphaServer 1000 4/200	74-49172-01		A	
12	*Medallion, AlphaServer 1000 4/233	74-49172-03		B	
12	*Medallion, AlphaServer 1000 4/266	74-49172-04		C	
12	*Medallion, AlphaServer 1000 5/300	74-49172-07		D	
13	*Label, "Customer Installation"	36-43629-01			
14	*Screw, Mach M3 Pan 6 mm	90-10961-02			
15	*CD-ROM (2X)	RRD43-CA		AB	
15	*CD-ROM (4X)	RRD45-AA		BCD	

INDICATES FRU LEVEL PARTS.

PARTS LIST

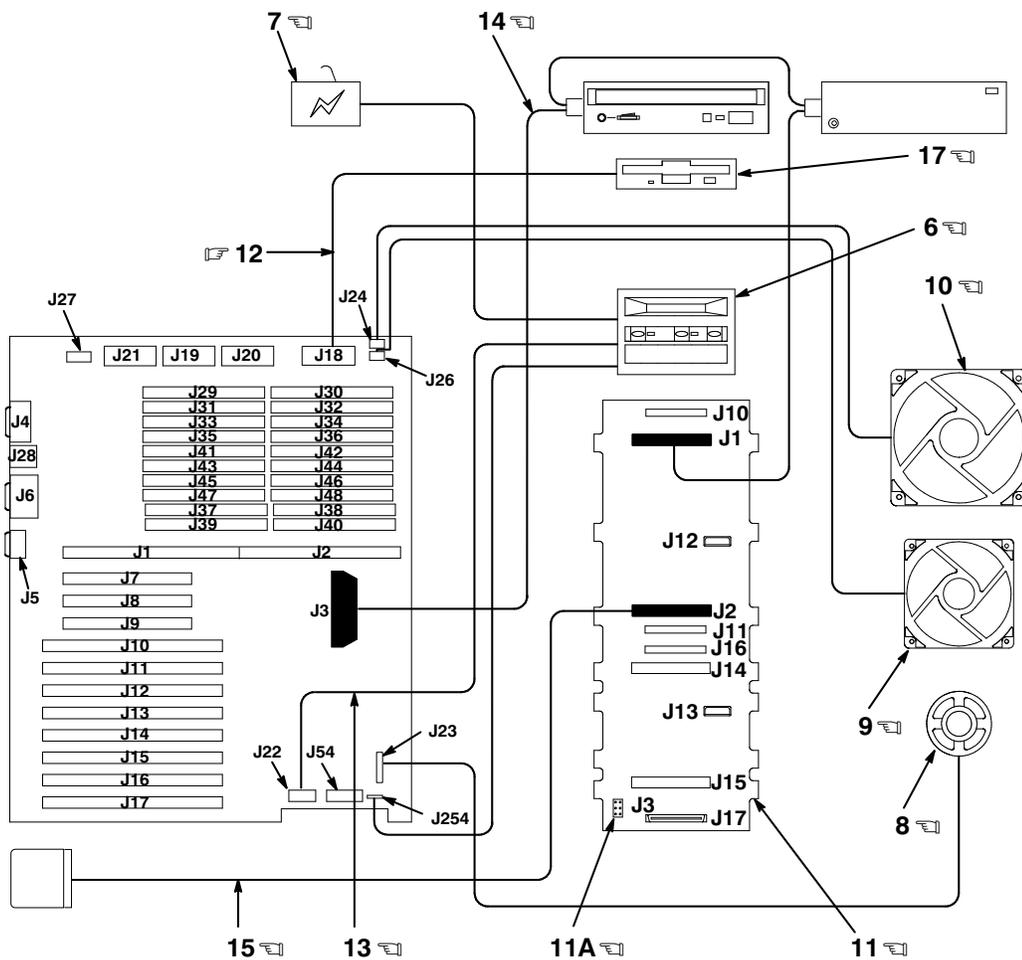


IP-DTLSV-03

Figure 2. Deskside Tower (Sheet 1 of 6)

PARTS LIST

INDICATES FRU LEVEL PARTS.

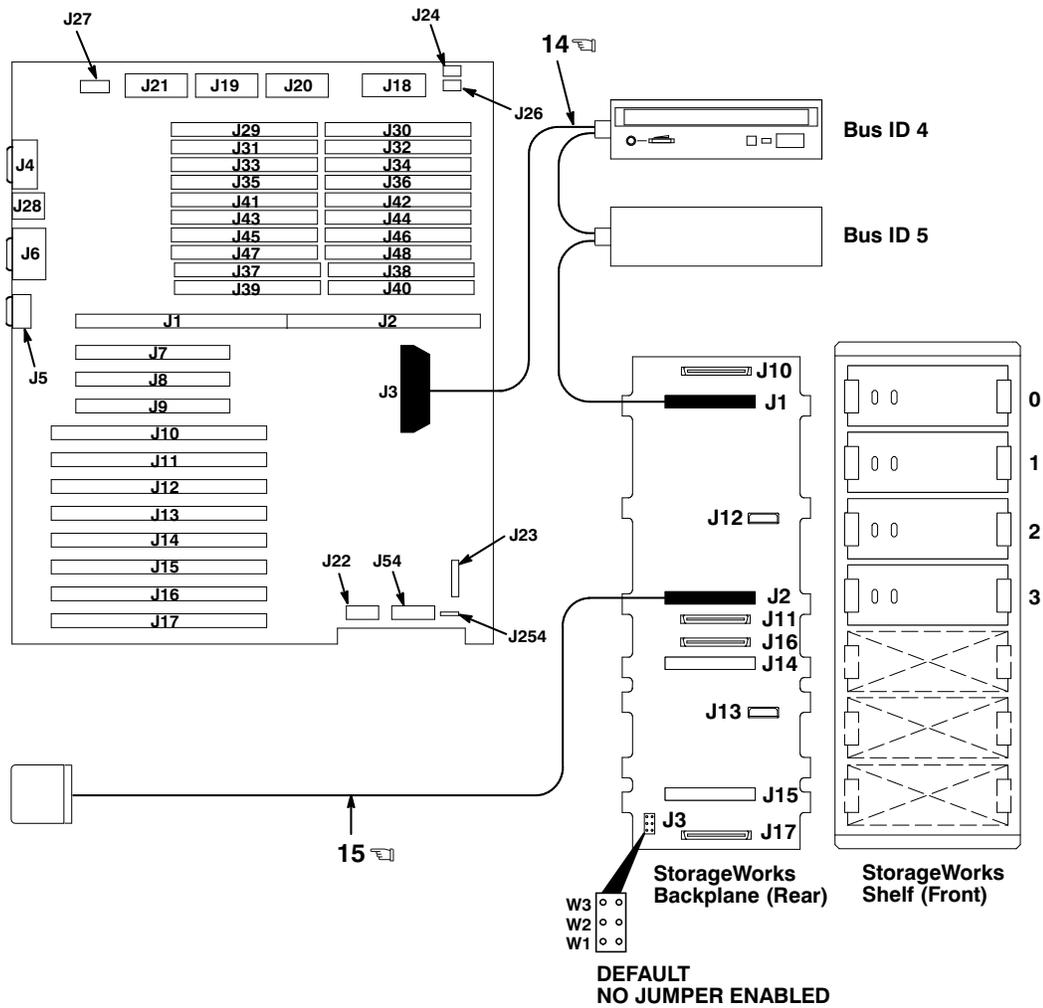


IP-DTLSV-04

Figure 2. Desktop Tower (Sheet 2 of 6)

PARTS LIST 

  INDICATES FRU LEVEL PARTS.



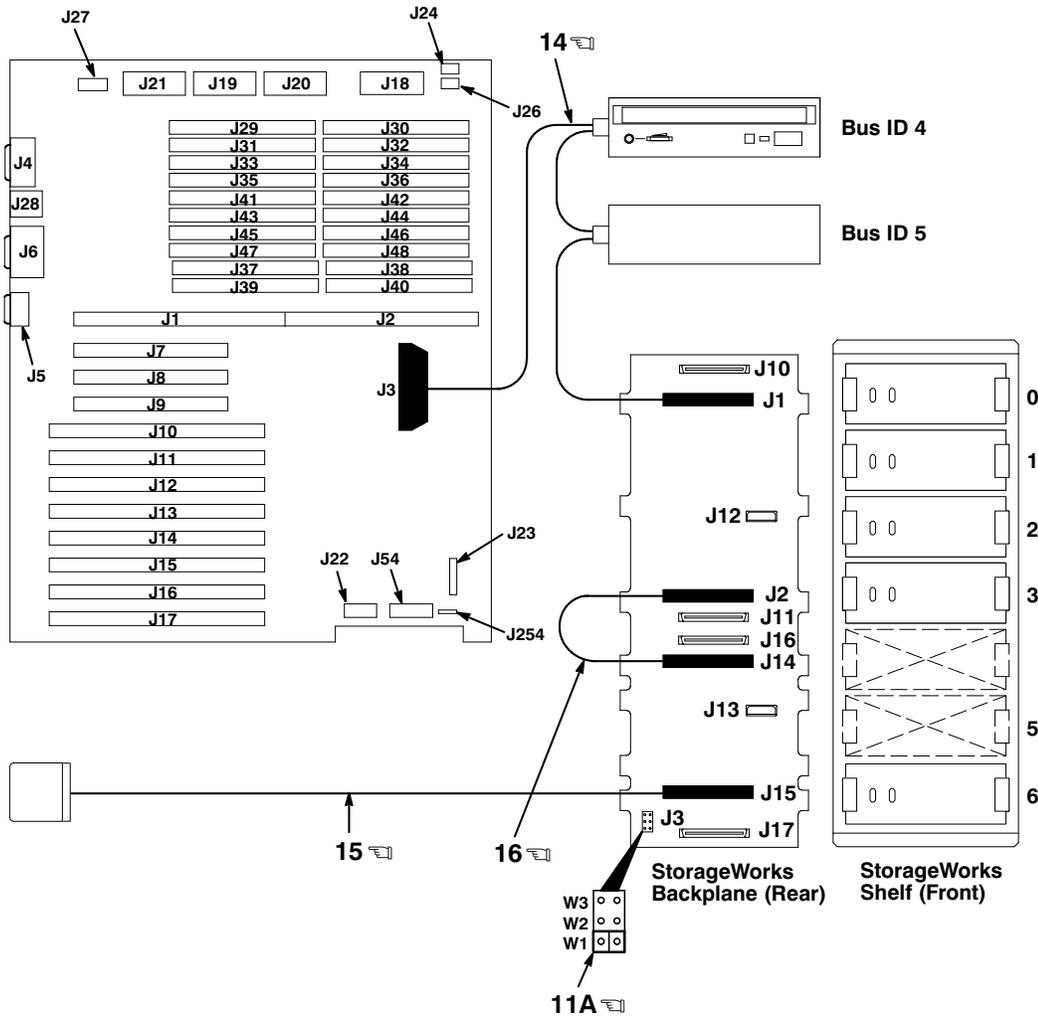
SINGLE-CONTROLLER SCSI CONFIGURATION

IP-DTLSV-05

Figure 2. Deskside Tower (Sheet 3 of 6)

PARTS LIST 

  INDICATES FRU LEVEL PARTS.



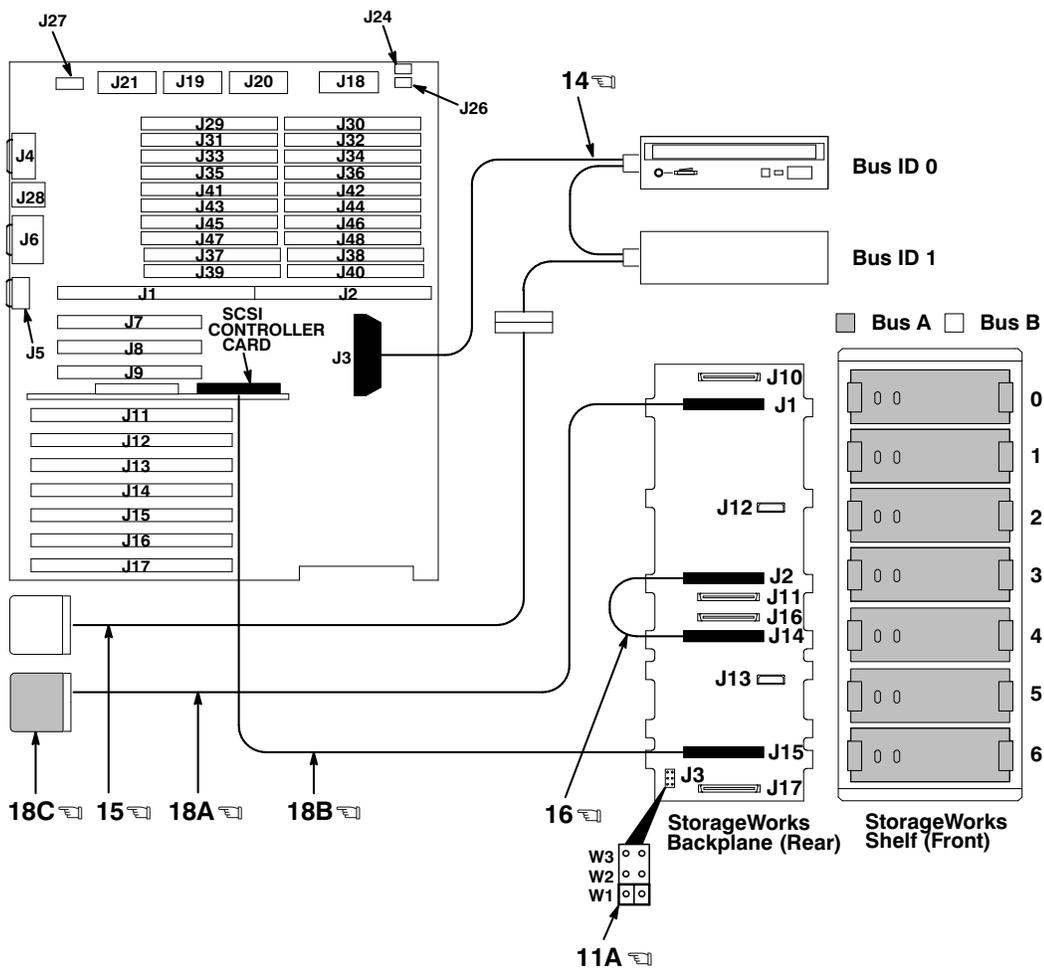
SINGLE-CONTROLLER SCSI CONFIGURATION WITH JUMPER CABLE

IP-DTLSV-06

Figure 2. Deskside Tower (Sheet 4 of 6)

PARTS LIST 

 INDICATES FRU LEVEL PARTS.



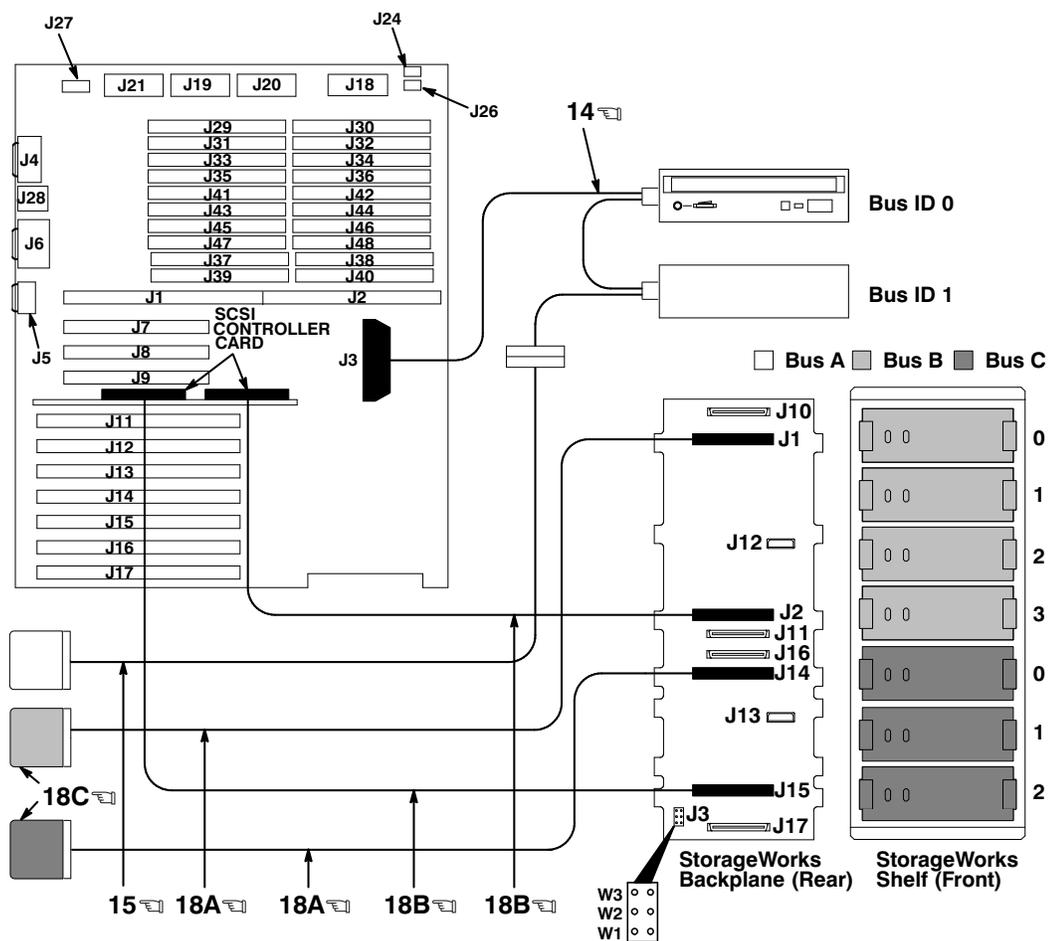
DUAL-CONTROLLER SCSI CONFIGURATION

IP-DTSLV-07

Figure 2. Deskside Tower (Sheet 5 of 6)

PARTS LIST

INDICATES FRU LEVEL PARTS.



TRIPLE-CONTROLLER SCSI CONFIGURATION

IP-DTSLV-08

Figure 2. Deskside Tower (Sheet 6 of 6)

FIG. & ITEM NO.	DESCRIPTION	DIGITAL PART NO.	ECO CUT-IN 30-41899 00000	USED ON CODE	REF FIG NO.
2-	DESKTOP TOWER (360 MM Width, 440 MM Height, 530 MM Depth)	30-41899-01			1
1	*Panel Assembly, Front	70-31345-01			
2	*Cover, 5 1/4 Inch Panel	74-49537-01			
3	*Cover, 3 1/4 Inch Panel	74-49538-01			
4	*Cable, DC Power	70-31346-01			
5	*Cover Assembly	70-31347-01			
6	*Panel Assembly, Operator Control	54-23302-01			
7	*Microswitch Assembly	70-31348-01			
8	*Speaker Assembly	70-31349-01			
9	*Fan Assembly (92 mm x 92 mm)	70-31350-01			
10	*Fan Assembly (120 mm x 120 mm)	70-31351-01			
11	*Backplane Assembly	54-23365-01			
11A	*Jumper, StorageWorks, Split UNIBUS	12-14314-00			
12	*Cable, 34 Cond. (Floppy Drive to J18)	17-03970-02			
13	*Cable, 10 Cond. (OCP to J22)	17-03971-01			
17	*Floppy Drive, (3 1/2 Inch), 1.44 MB	RX23L-MA			
	SINGLE-CONTROLLER SCSI CONFIGURATION (See Page 7)				
14	*Cable, 50 Cond., SCSI, Removables to MLB	17-03959-01			
15	*Cable, 50 Cond., SCSI to External Port	17-03962-01			
	SINGLE-CONTROLLER SCSI CONFIGURATION With JUMPER CABLE (See Page 8)				
14	*Cable, 50 Cond., SCSI, Removables to MLB	17-03959-01			
15	*Cable, 50 Cond., SCSI to External Port	17-03962-01			
16	*Cable, 50 Cond., Jumper	17-03960-01			
	DUAL-CONTROLLER SCSI CONFIGURATION (See Page 9)				
14	*Cable, 50 Cond., SCSI, Removables to MLB	17-03959-01			
15	*Cable, 50 Cond., SCSI to External Port	17-03962-01			
16	*Cable, 50 Cond., Jumper	17-03960-01			
18	*CABLE KIT, 8-Bit (Narrow) SCSI	PB7HA-AA			
18A	*Cable, 50 Cond., SCSI to External Port	17-03962-02			
18B	*Cable, 50 Cond., SCSI, Controller to StorageWorks	17-03960-02			
18C	*Terminator, Narrow SCSI, External	12-41667-02			

FIG. & ITEM NO.	DESCRIPTION	DIGITAL PART NO. ^D	ECO CUT-IN 30-41899 0000	USED ON CODE	REF FIG NO.
2-	DESKSIDE TOWER (continued)				
	TRIPLE-CONTROLLER SCSI CONFIGURATION (See Page 10)				
☐ 14	*Cable, 50 Cond., SCSI, Removables to MLB	17-03959-01			
☐ 15	*Cable, 50 Cond., SCSI to External Port	17-03962-01			
18	*CABLE KIT, 8-Bit (Narrow) SCSI	PB7HA-AA			
☐ 18A	*Cable, 50 Cond., SCSI to External Port	17-03962-02			
☐ 18B	*Cable, 50 Cond., SCSI, Controller to StorageWorks	17-03960-02			
☐ 18C	*Terminator, Narrow SCSI, External	12-41667-02			

PART NUMBER/DESCRIPTION INDEX 

INDEX BY DIGITAL PART NUMBER

AlphaServer 1000 Series

PART NUMBER	DESCRIPTION	FIG.-ITEM NUMBER
12-14314-00	Jumper, StorageWorks, Split UNIBUS	2-11A
12-41667-01	Terminator, 50-Pin Male SCSI	1-4
12-41667-02	Terminator, Narrow SCSI, External	1-4, 2-18C
17-03959-01	Cable, 50 Cond., SCSI, Removables to MLB	2-14
17-03960-01	Cable, 50 Cond., Jumper	2-16
17-03960-02	Cable, 50 Cond., SCSI, Controller to StorageWorks	2-18B
17-03962-01	Cable, 50 Cond., SCSI to External Port	2-15
17-03962-02	Cable, 50 Cond., SCSI to External Port	2-18A
17-03970-02	Cable, 34 Cond. (Floppy Drive to J18)	2-12
17-03971-01	Cable, 10 Cond. (OCP to J22)	2-13
30-41899-01	DESKSIDE TOWER (360 MM Width, 440 MM Height, 530 MM Depth)	1-1, 2-NA
30-41976-01	Power Supply, 400W	1-2
30-43120-02	Power Supply, 450W	1-2
36-43629-01	Label, "Customer Installation"	1-13
37-01507-01	Package Assembly (Not Shown)	1-7
54-23297-01	Module, Alpha Processor, 200 MHz, EV45	1-6
54-23297-03	Module, Alpha Processor, 233 MHz, EV45	1-6
54-23297-04	Module, Alpha Processor, 266 MHz, EV45	1-6
54-23302-01	Panel Assembly, Operator Control	2-6
54-23308-01	Module, System	1-5
54-23365-01	Backplane Assembly	2-11
54-24719-02	Module, Alpha Processor, 300 MHz, EV5	1-6
70-31345-01	Panel Assembly, Front	2-1
70-31346-01	Cable, DC Power	2-4
70-31347-01	Cover Assembly	2-5
70-31348-01	Microswitch Assembly	2-7
70-31349-01	Speaker Assembly	2-8
70-31350-01	Fan Assembly (92 mm x 92 mm)	2-9
70-31351-01	Fan Assembly (120 mm x 120 mm)	2-10
74-49172-01	Medallion, AlphaServer 1000 4/200	1-12
74-49172-03	Medallion, AlphaServer 1000 4/233	1-12
74-49172-04	Medallion, AlphaServer 1000 4/266	1-12
74-49172-07	Medallion, AlphaServer 1000 5/300	1-12
74-49537-01	Cover, 5 1/4 Inch Panel	2-2
74-49538-01	Cover, 3 1/4 Inch Panel	2-3
90-00049-01	Screw, Sems 6-32 x .25 Pan	1-9
90-09984-20	Screw, Sems M3 Pan 6 mm	1-3
90-09984-29	Screw, Sems M3.5 Pan 8 mm	1-9, 1-11
90-10961-02	Screw, Mach M3 Pan 6 mm	1-14

INDEX BY DIGITAL PART NUMBER
AlphaServer 1000 Series

PART NUMBER	DESCRIPTION	FIG.-ITEM NUMBER
H8571-J	Adapter, DECstation 2000, 9-Pin Serial (Not Shown)	1-10
PB70A-A9	AlphaServer 1000 MODEL 4/200	1-A
PB71A-A9	AlphaServer 1000 MODEL 4/233	1-B
PB72A-A9	AlphaServer 1000 MODEL 4/266	1-C
PB75A-A9	AlphaServer 1000 MODEL 5/300	1-D
PB7HA-AA	CABLE KIT, 8-Bit (Narrow) SCSI	2-18
QC-01YAA-HC	Kit, EISA System Configuration (Not Shown)	1-8
RRD43-CA	CD-ROM (2X)	1-15
RRD45-AA	CD-ROM (4X)	1-15
RX23L-MA	Floppy Drive, (3 1/2 Inch), 1.44 MB	2-17

INDEX BY DIGITAL PART DESCRIPTION

AlphaServer 1000 Series

DESCRIPTION	PART NUMBER	FIG.-ITEM NUMBER
Adapter, DECstation 2000, 9-Pin Serial (Not Shown)	90-09984-29	1-10
AlphaServer 1000 MODEL 4/200	PB70A-A9	1-A
AlphaServer 1000 MODEL 4/233	PB71A-A9	1-B
AlphaServer 1000 MODEL 4/266	PB72A-A9	1-C
AlphaServer 1000 MODEL 5/300	PB75A-A9	1-D
Backplane Assembly	54-23365-01	2-11
Cable, 10 Cond. (OCP to J22)	17-03971-01	2-13
Cable, 34 Cond. (Floppy Drive to J18)	17-03970-02	2-12
Cable, 50 Cond., Jumper	17-03960-01	2-16
Cable, 50 Cond., SCSI to External Port	17-03962-01	2-15
Cable, 50 Cond., SCSI to External Port	17-03962-02	2-18A
Cable, 50 Cond., SCSI, Controller to StorageWorks	17-03960-02	2-18B
Cable, 50 Cond., SCSI, Removables to MLB	17-03959-01	2-14
Cable, DC Power	70-31346-01	2-4
CABLE KIT, 8-Bit (Narrow) SCSI	PB7HA-AA	2-18
CD-ROM (2X)	RRD43-CA	1-15
CD-ROM (4X)	RRD45-AA	1-15
Cover Assembly	70-31347-01	2-5
Cover, 3 1/4 Inch Panel	74-49538-01	2-3
Cover, 5 1/4 Inch Panel	74-49537-01	2-2
DESKSIDE TOWER (360 MM Width, 440 MM Height, 530 MM Depth)	30-41899-01	1-1, 2-NA
Fan Assembly (120 mm x 120 mm)	70-31351-01	2-10
Fan Assembly (92 mm x 92 mm)	70-31350-01	2-9
Floppy Drive, (3 1/2 Inch), 1.44 MB	RX23L-MA	2-17
Jumper, StorageWorks, Split UNIBUS	12-14314-00	2-11A
Kit, EISA System Configuration (Not Shown)	QC-01YAA-HC	1-8
Label, "Customer Installation"	36-43629-01	1-13
Medallion, AlphaServer 1000 4/200	74-49172-01	1-12
Medallion, AlphaServer 1000 4/233	74-49172-03	1-12
Medallion, AlphaServer 1000 4/266	74-49172-04	1-12
Medallion, AlphaServer 1000 5/300	74-49172-07	1-12
Microswitch Assembly	70-31348-01	2-7
Module, Alpha Processor, 200 MHz, EV45	54-23297-01	1-6
Module, Alpha Processor, 233 MHz, EV45	54-23297-03	1-6
Module, Alpha Processor, 266 MHz, EV45	54-23297-04	1-6
Module, Alpha Processor, 300 MHz, EV5	54-24719-02	1-6
Module, System	54-23308-01	1-5
Package Assembly (Not Shown)	37-01507-01	1-7
Panel Assembly, Front	70-31345-01	2-1
Panel Assembly, Operator Control	54-23302-01	2-6
Power Supply, 400W	30-41976-01	1-2
Power Supply, 450W	30-43120-02	1-2

INDEX BY DIGITAL PART DESCRIPTION

AlphaServer 1000 Series

DESCRIPTION	PART NUMBER	FIG.-ITEM NUMBER
Screw, Mach M3 Pan 6 mm	90-10961-02	1-14
Screw, Sems 6-32 x .25 Pan	90-00049-01	1-9
Screw, Sems M3 Pan 6 mm	90-09984-20	1-3
Screw, Sems M3.5 Pan 8 mm	90-09984-29	1-9, 1-11
Speaker Assembly	70-31349-01	2-8
Terminator, 50-Pin Male SCSI	12-41667-01	1-4
Terminator, Narrow SCSI, External	12-41667-02	1-4, 2-18C