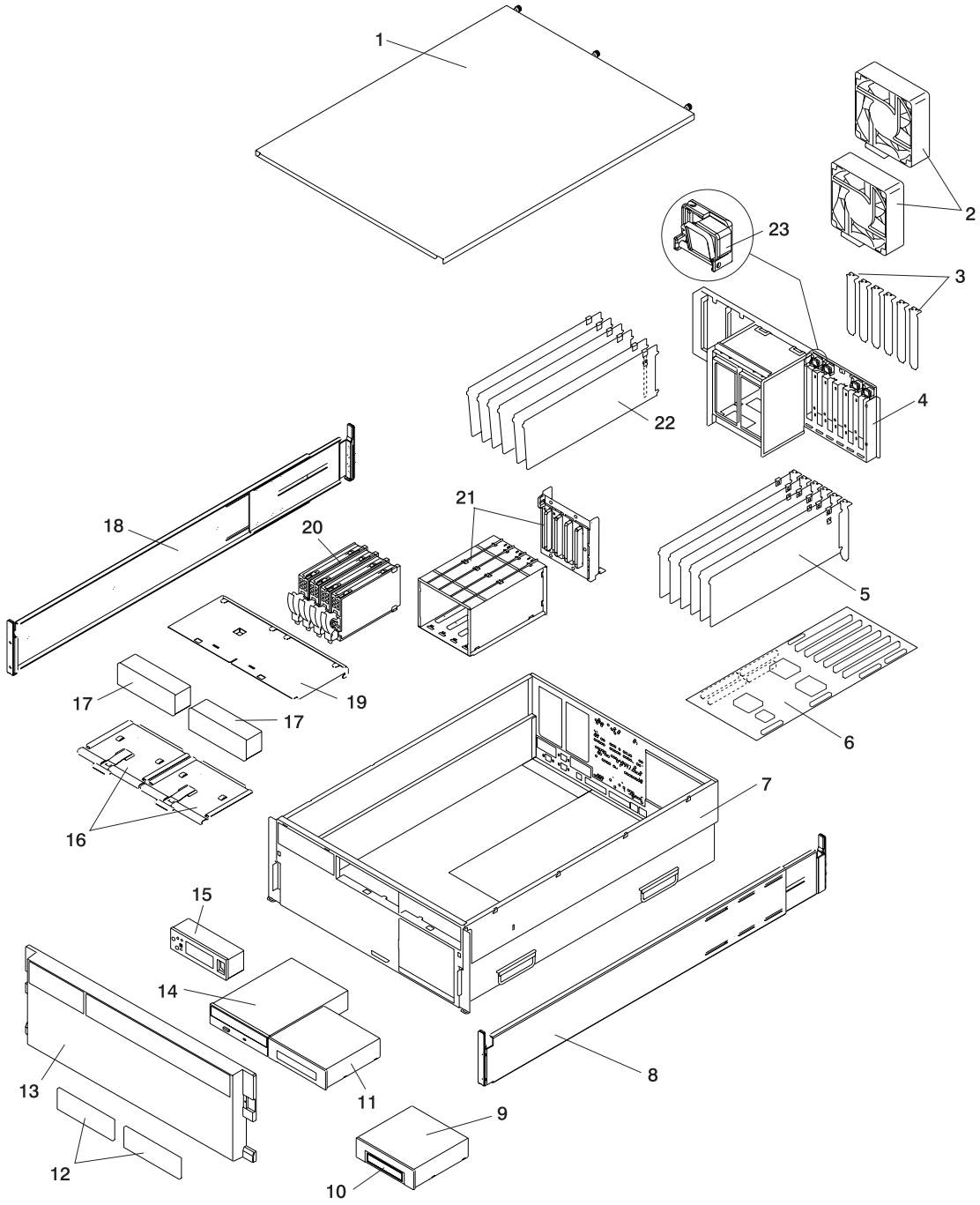
Chapter 10. Parts Information

This chapter contains parts information for the pSeries 630 Model 6C4 and Model 6E4.

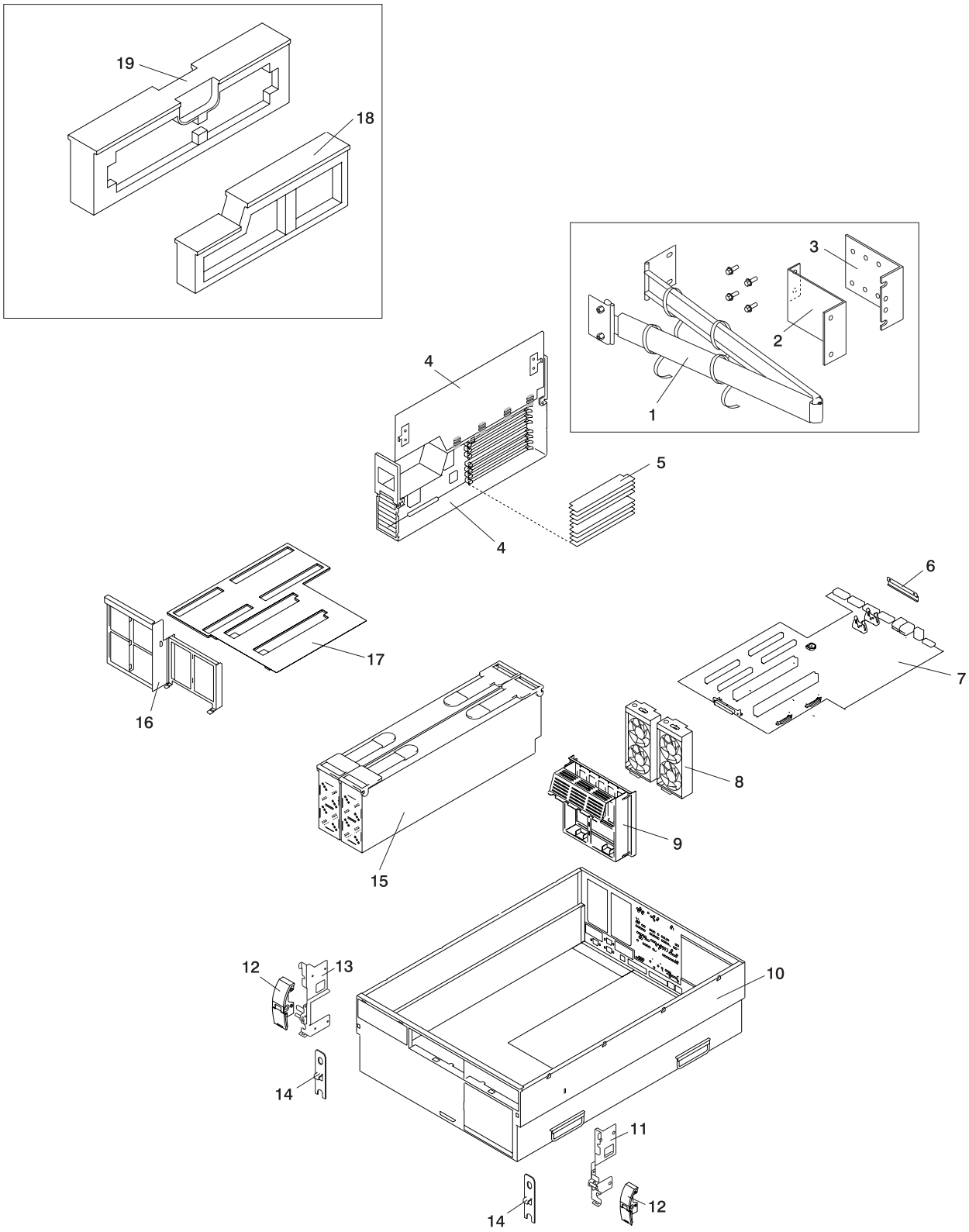
System Parts



Index Number	FRU Part Number	Units Per Assembly	Description
2	09P5865	Up to 2	Processor Cooling Fans
6	09P5290	1	Six Slotted PCI Riser Card
	09P2702	1	Four Slotted PCI Riser Card (not shown)
9	09P5902	1	Diskette Drive Cage (Optional)
10	76H4091 93F2361 02K3488	1	Diskette Drive (Optional)
14	See Note	1	IDE CD-ROM (optional)
15	00P3210	1	Operator Panel
16	00P2797	2	Media Carrier Trays
19	00P4133	1	Media Device Support Shelf
21	00P4132	1	Disk Drive Cage/Backplane Assembly
22	00P2799	Up to 6	PCI Plastic Light Pipe and Air Flow Separators
23	00P2800	Up to 6	PCI Card Lock Assemblies

Note: See *RS/6000 @server pSeries Diagnostic Information for Multiple Bus Systems* for part numbers.

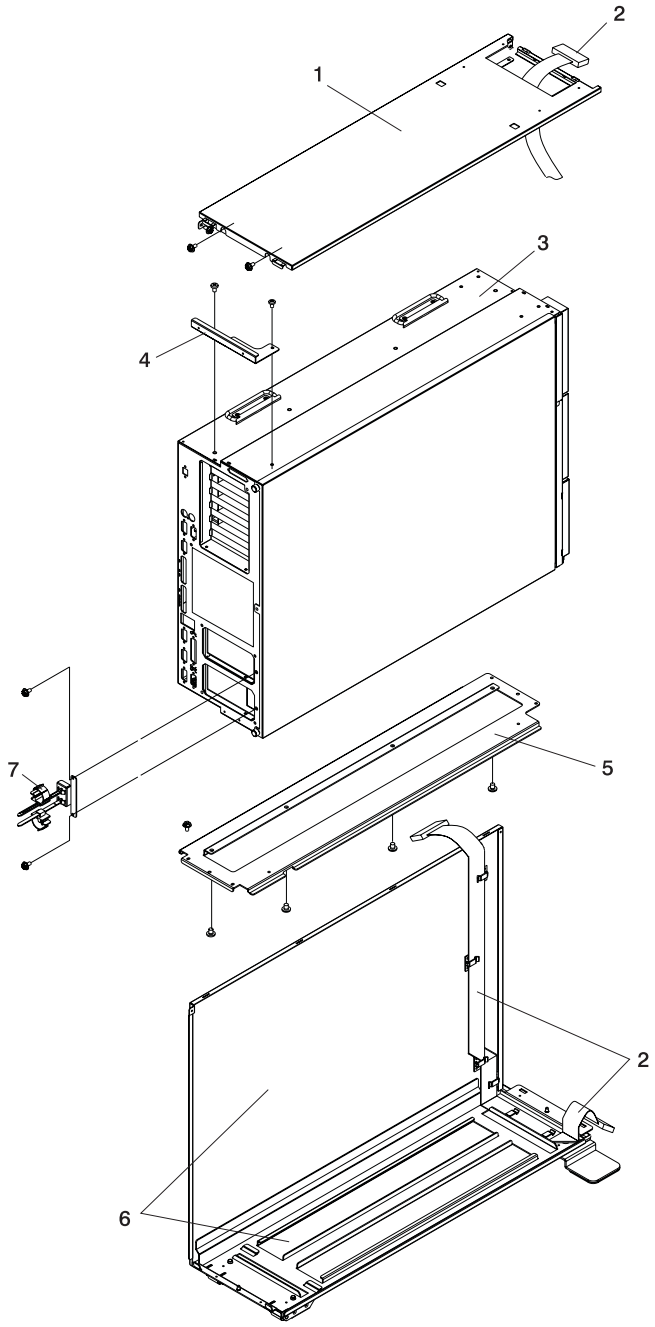
System Parts (continued)



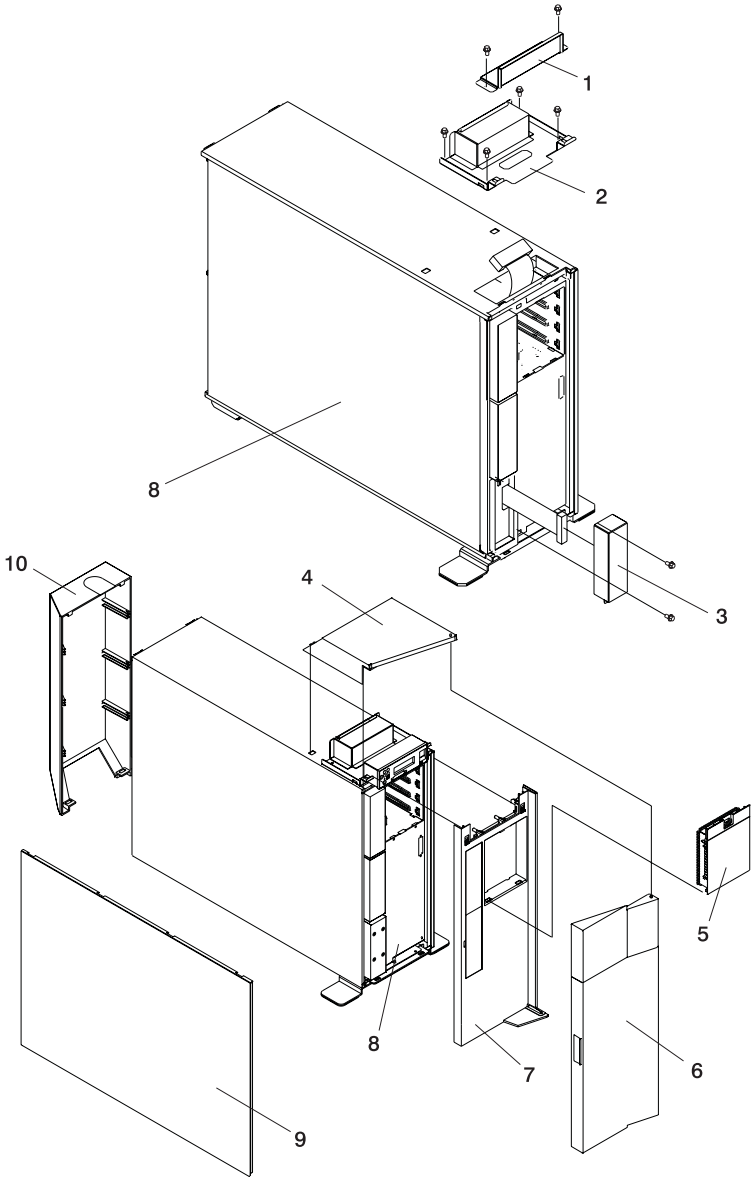
Index Number	FRU Part Number	Units Per Assembly	Description
4	00P2733	1	Processor Assembly, 1.45 GHz, 1-way
	00P2736	Up to 2	Processor Assembly, 1.45 GHz, 2-way
5	53P3224	Up to 16	256 MB DIMMs
	53P3226	Up to 16	512 MB DIMMs
	53P3230	Up to 16	1 GB DIMMs
	53P3232	Up to 16	2 GB DIMMs
7	00P4488	1	CEC Backplane
8	09P5866	2 Units	PCI Cooling Fans (2 Fans per Unit)
15	00P4342	Up to 2	Power Supply (Redundant Power Supply is Optional)

Note: See *RS/6000 @server pSeries Diagnostic Information for Multiple Bus Systems* for part numbers.

Model 6E4 Cover Set and Brackets



Index Number	FRU Part Number	Units Per Assembly	Description
1	00P3789	1	Top Cover Assembly (Model 6E4 Only)
3	N/A	1	Model 6E4
4	00P3695	1	Top Cover Rear Mounting Bracket (Model 6E4 Only)
5	00P2810	1	System Bottom Mounting Plate (Model 6E4 Only)
6	00P3790	1	System Base and Right Cover Assembly (Model 6E4 Only)
7	00P3788	1	Power Cable Bracket (Model 6E4 Only)

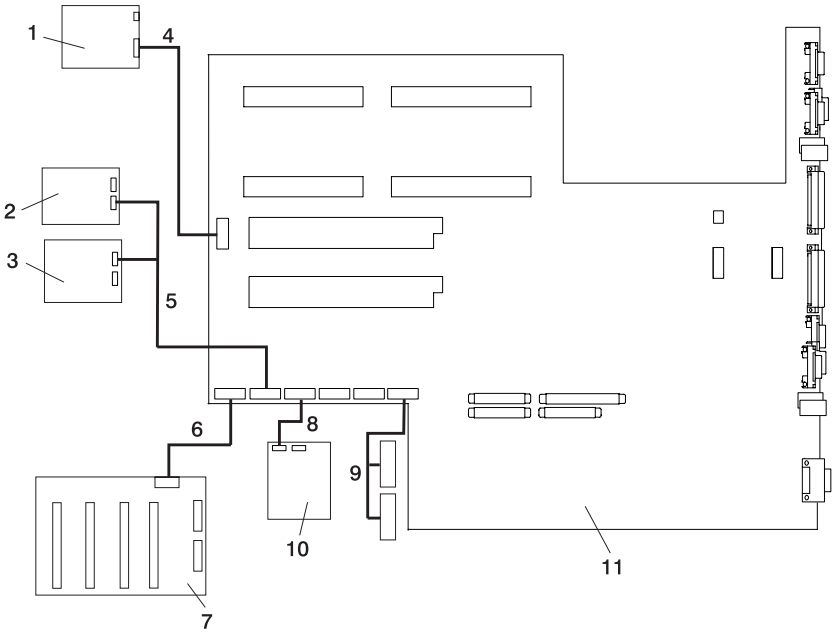

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Index Number	FRU Part Number	Units Per Assembly	Description
1	00P3787	1	Operator Panel EMC Bracket (Model 6E4 Only)
2	00P2811	1	Operator Panel Bracket (Model 6E4 Only)
3	00P4637	1	Operator Panel EMC Filler (Model 6E4 Only)
4	00P2871	1	Top Cap (Model 6E4 Only)
5	00P2867	1	Disk Drive Access Cover (Model 6E4 Only)
6	00P2866	1	Front Door (Model 6E4 Only)
7	09P5884	1	Front Bezel (Model 6E4 Only)
8	N/A	1	Model 6E4
9	00P2593	1	Left Side Outer Access Cover (Model 6E4 Only)
10	00P2591	1	Rear Cover (Model 6E4 Only)

System Internal Cables

The following diagrams show the system cable connections. The first diagram illustrates the routing of the internal power cables. The second diagram illustrates the routing of the signal cables.

Internal Power Cable Routing Diagram



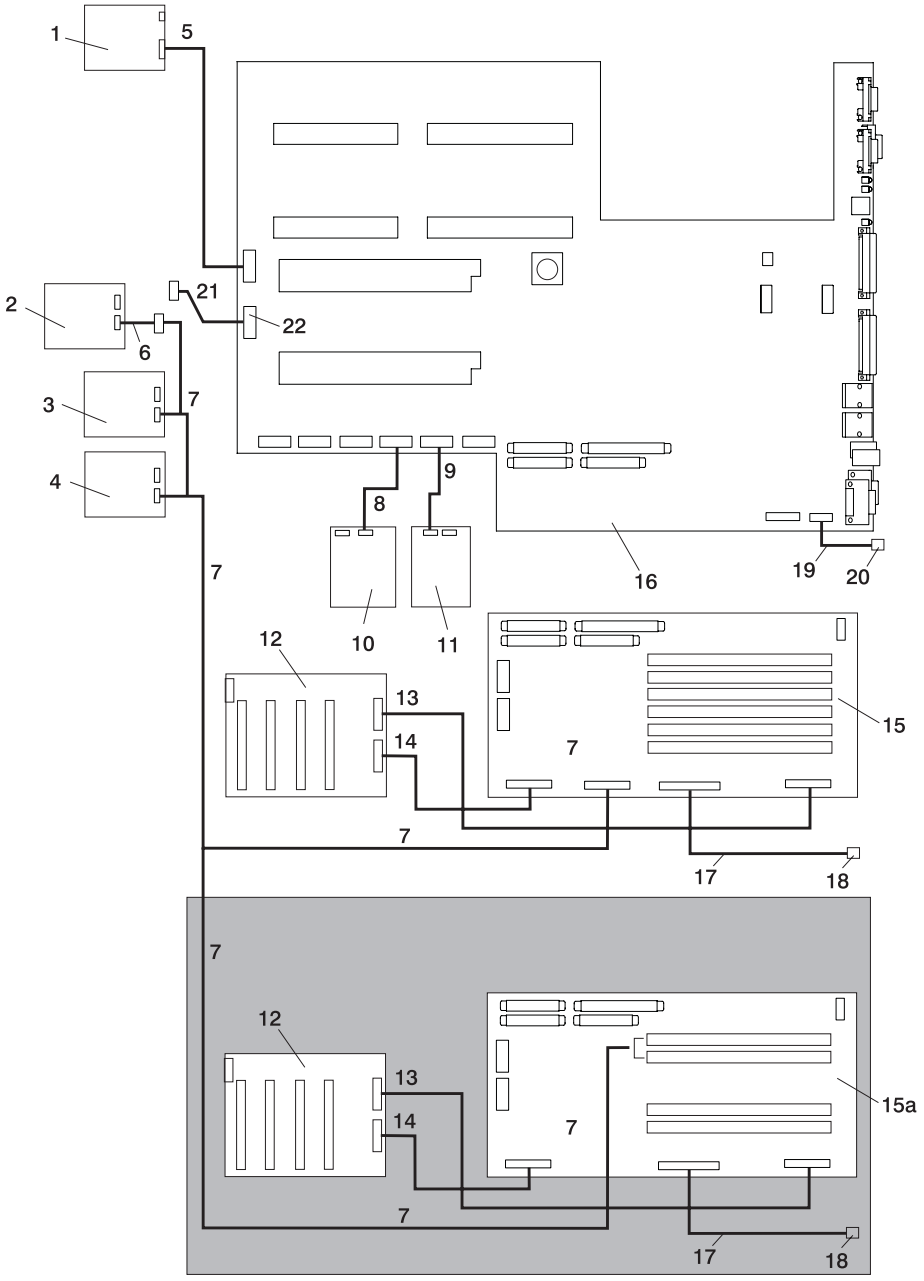
Index Number	FRU Part Number	Units Per Assembly	Description
1	00P3210	1	Operator Panel
2	33P3203	1	X20-X48 IDE CD-ROM
3	04N5967	Up to 2	4.7GB DVD-RAV DRIVE
4	09P5870	1	CEC Backplane to Operator Panel Signal / Power Cable
5	09P5867	1	2-drop Power Cable from CEC Backplane to IDE CD-ROM and other SCSI Media Devices
6	09P5888	1	CEC Backplane to Disk Drive Backplane Power Cable
7	00P4132	1	Disk Drive Backplane
8	09P5864	1	Diskette Drive to CEC Backplane Power Cable
9	09P5900	1	PCI Cooling Fans #3 and #4 Power Cable
11	00P4488	1	CEC Backplane

Notes:

1. For more information on power cables, go to “External AC Power Cables” on page 44.
2. See *RS/6000 @server pSeries Diagnostic Information for Multiple Bus Systems* for part numbers.

Note:

Internal Signal Cable Routing Diagram



Index Number	FRU Part Number	Units Per Assembly	Description
1	00P3210	1	Operator Panel
2	See Note	1	SCSI Media Device (50-Pin)
3	See Note	1	SCSI Media Device (68-Pin)
4	See Note	1	SCSI Media Device (68-Pin)
5	09P5870	1	CEC Backplane to Operator Panel Signal / Power Cable
5	00P3791	1	Operator Panel Extension Cable (7028 Model 6E4 Only)
5	00P3822	1	Operator Panel Interposer (7028 Model 6E4 Only)
6		1	SCSI Media 50-pin to 68-pin Converter Cable
7	09P5862	1	Integrated SCSI Media Device Signal Cable
8	09P5863	1	CEC Backplane Connector to Diskette Drive Signal Cable
9	09P5868	1	CEC Backplane to IDE CD-ROM Signal Cable
10	See Note	1	Diskette Drive
11	See Note	1	IDE CD-ROM
12	00P4132	1	Disk Drive Backplane
13	09P5895	1	PCI Riser Card to Disk Drive Backplane Signal Cable (50 pin)
14	09P5889	1	PCI Riser Card to Disk Drive Backplane Signal Cable (68 pin)
15	09P5290	1	6 Slotted PCI Riser Card
15a	09P2702	1	4 Slotted PCI Riser Card
16	00P4488	1	CEC Backplane
17	09P5869	1	PCI Riser Card to External SCSI Signal Cable
18	N/A	1	External SCSI Port
19	09P5899	1	CEC Backplane to Rack Indicator Signal Cable
20	N/A	1	Rack Indicator Port
21	00P3200	1	CEC Backplane to Debug Port Signal Cable
22	N/A	1	Debug Parallel Port

Note: See *RS/6000 @server pSeries Diagnostic Information for Multiple Bus Systems* for part numbers.