

PARTS CATALOG SECTION

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1. How to use Parts Catalog

1. Parts list

Table 1-1 shows the reference page of each part.

Table 1-1 Reference page of each part

No.	Part Name	Pages
1	DKC810I	PARTS02-10 through 02-120
2	PCBs and Memory Modules	PARTS03-10 through 03-70
3	Spare Parts	PARTS04-10 through 04-40

2. Tool list

This list shows tools necessary to exchange a part or to troubleshoot DKC810I.

3. How to refer to parts list

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
1- 1 2	2103559-B 1505218-B 1505222-B	DKU FINAL ASSY • DKU SUB ASSY • DKU DOOR ASSY	1 2	

① : Indicates the list number of the assembly.

② : Indicates the item number given in the figure.

③ : Indicates the part number.

④ : Non-dot mark indicates a main assembly in a parts list.

One-dot mark indicates a part included in a main assembly.

Two-dot mark indicates a part included in a one-dot marked part.

⑤ : Indicates the unit type.

⑥ : Indicates the detailed list number if any.

⑦ : Indicates a quantity per main assembly.

⑧ : If 'SP' is written, it indicates a spare part.

2. Parts List of DKC810I

(1) CBXA/CBXB

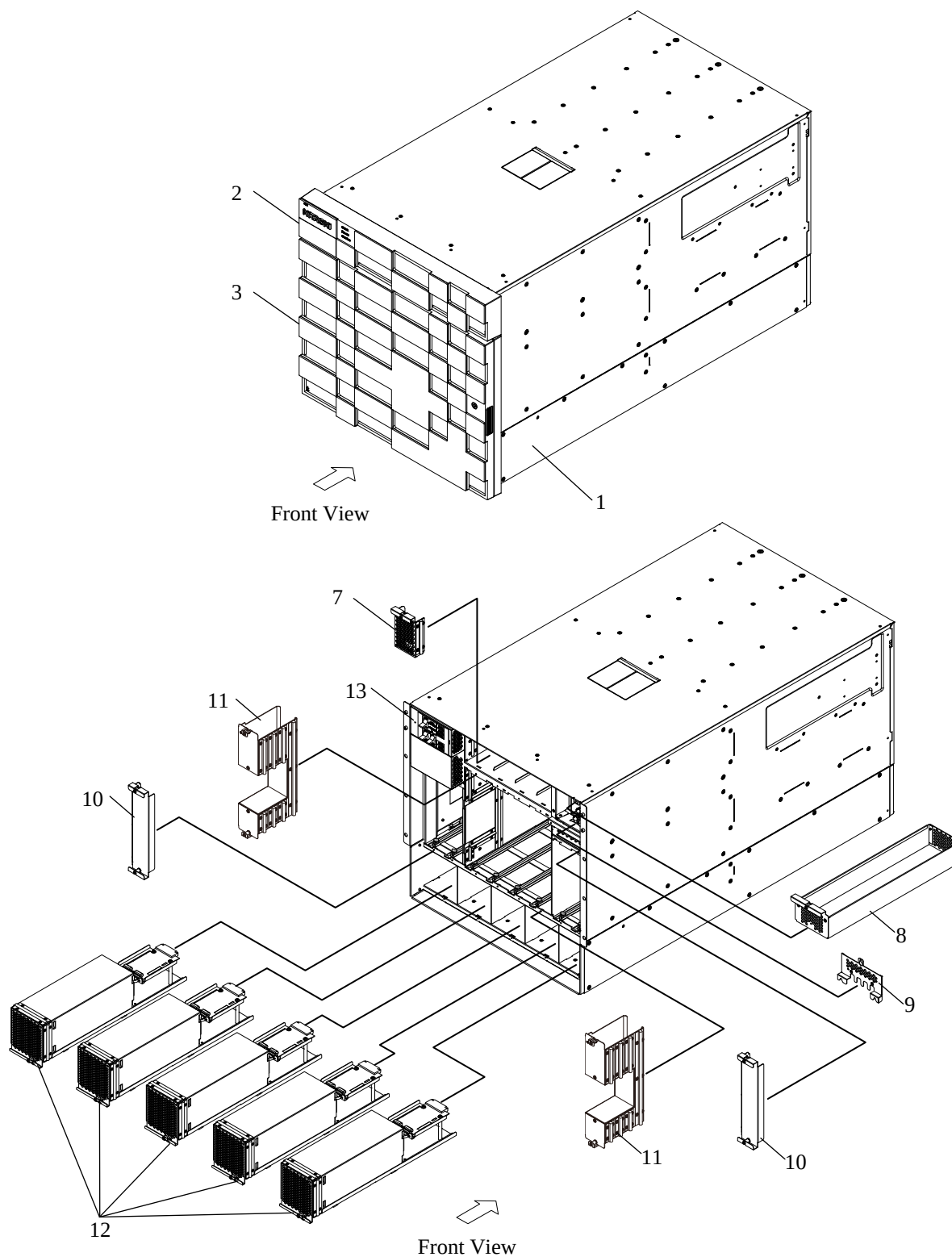


Fig. 2-1 CBXA/CBXB (1/2)

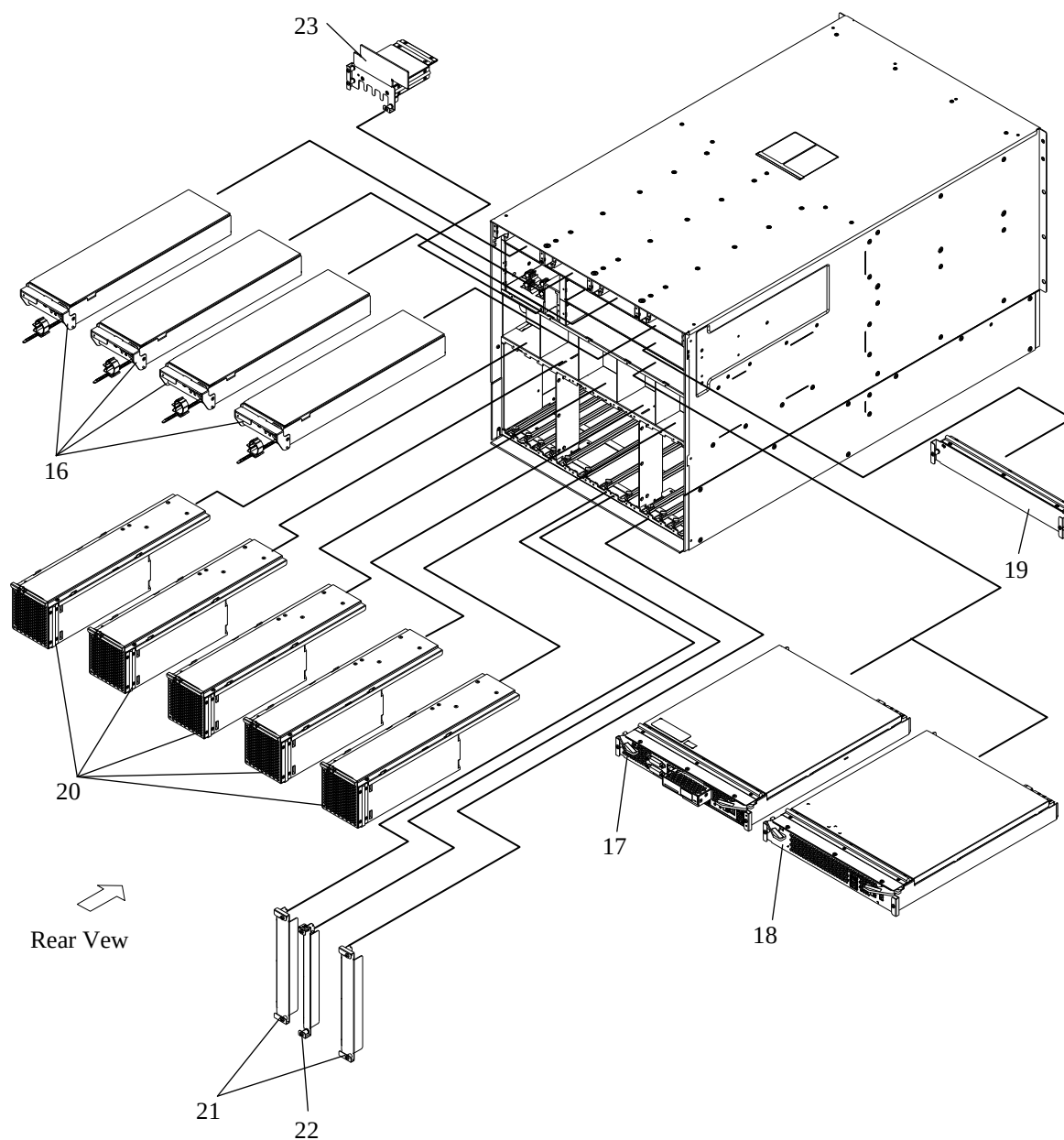


Fig. 2-1 CBXA/CBXB (2/2)

PARTS02-30**PARTS LIST 2-1 (Parts listed below are shown in Fig. 2-1.)**

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
1-		DKC810I-CBXA, DKC-F810I-CBXB		
1				
2	3287332-A	• Bezel (2U)	1	
3	3287331-A	• Bezel (8U)	1	
4				
5				
6				
7	3287228-1	• Dummy Plate (BKM)	2	
8	2854944-101	• Accessory Box	1	
9	2854942-101	• Cable Cover Front	1	
10	3287243-101	• Dummy Plate (MP)	2	
11	3287403-1	• Dummy Plate (CACHE)	2	
12	5552740-A	• FAN (Front) Assembly	5	S.P
13	5552743-A	• DKCPANEL	1	S.P
14				
15				
16	5557084-A	• DKCPS	4	S.P
17	5552759-A	• SVP	1	S.P, CBXA
18	5552760-A	• HUB	1	S.P, CBXB
19	3287227-1	• Dummy Plate (SVP)	1	
20	5552741-A	• FAN (Rear) Assembly	5	S.P
21	3287244-101	• Dummy Plate (FE/BE)	8	
22	3287241-101	• Dummy Plate	4	
23	2854943-101	• Cable Cover Rear	1	
24				
25				
26				

(2) UBX

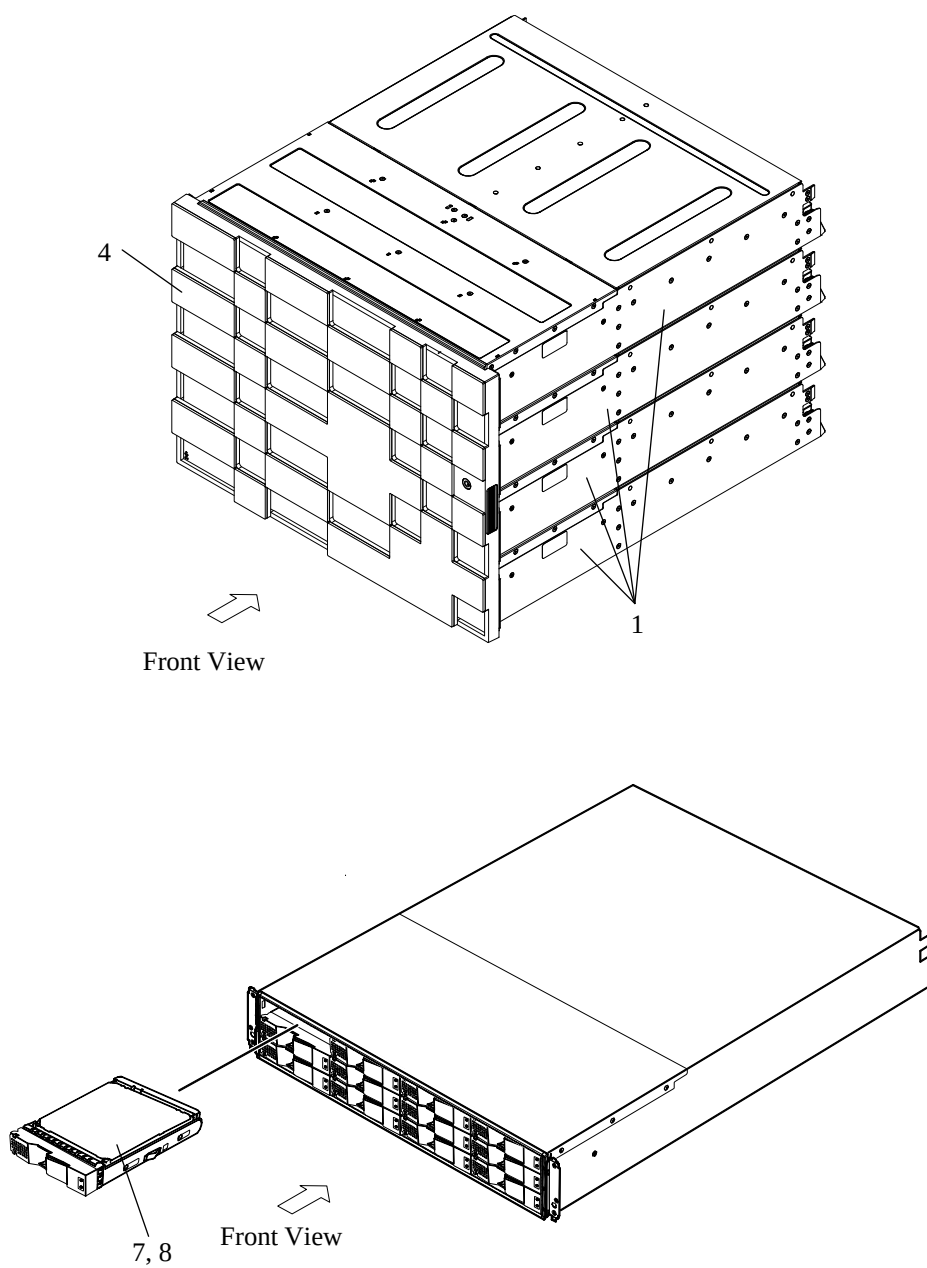


Fig. 2-2 UBX (1/2)

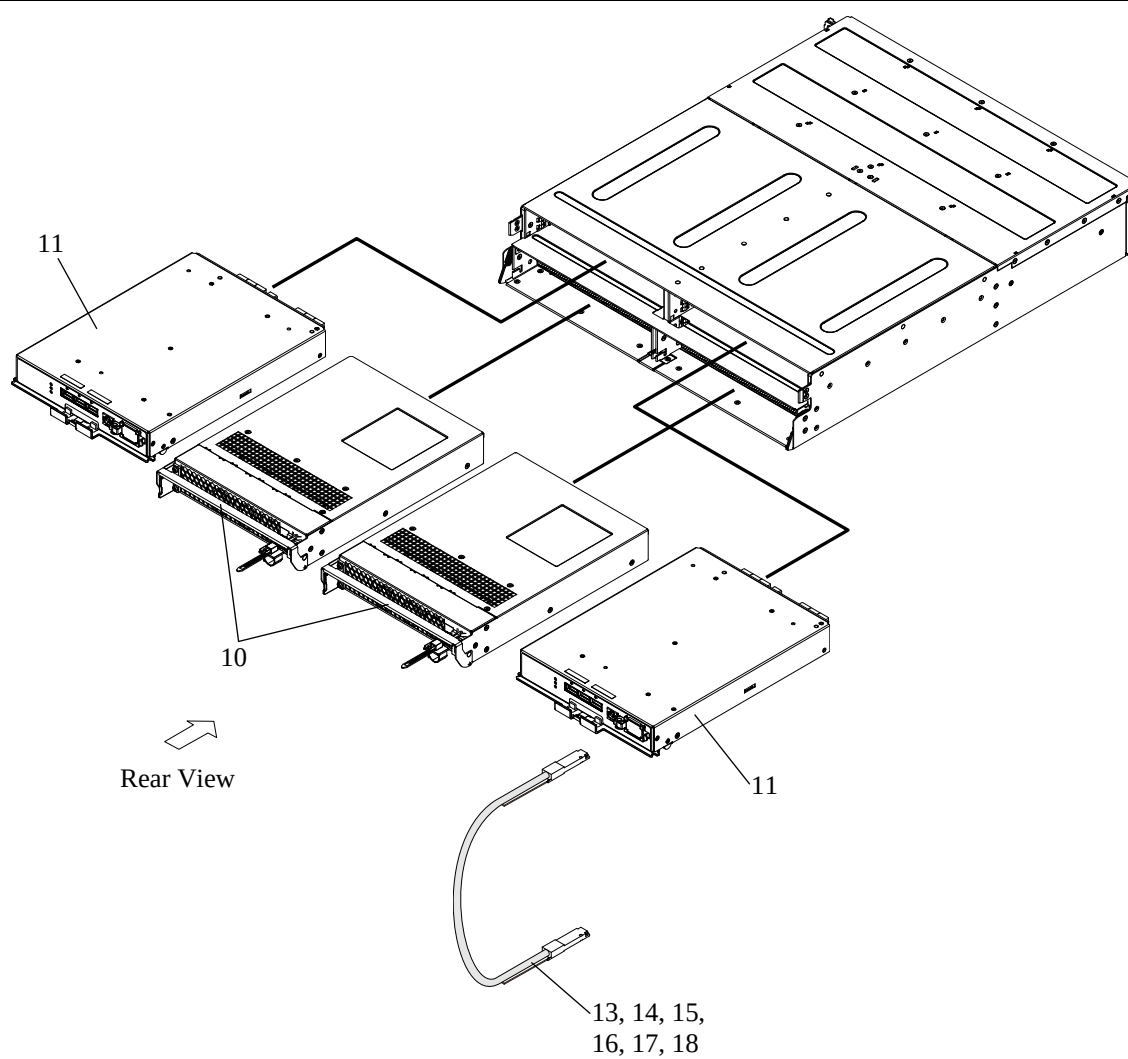
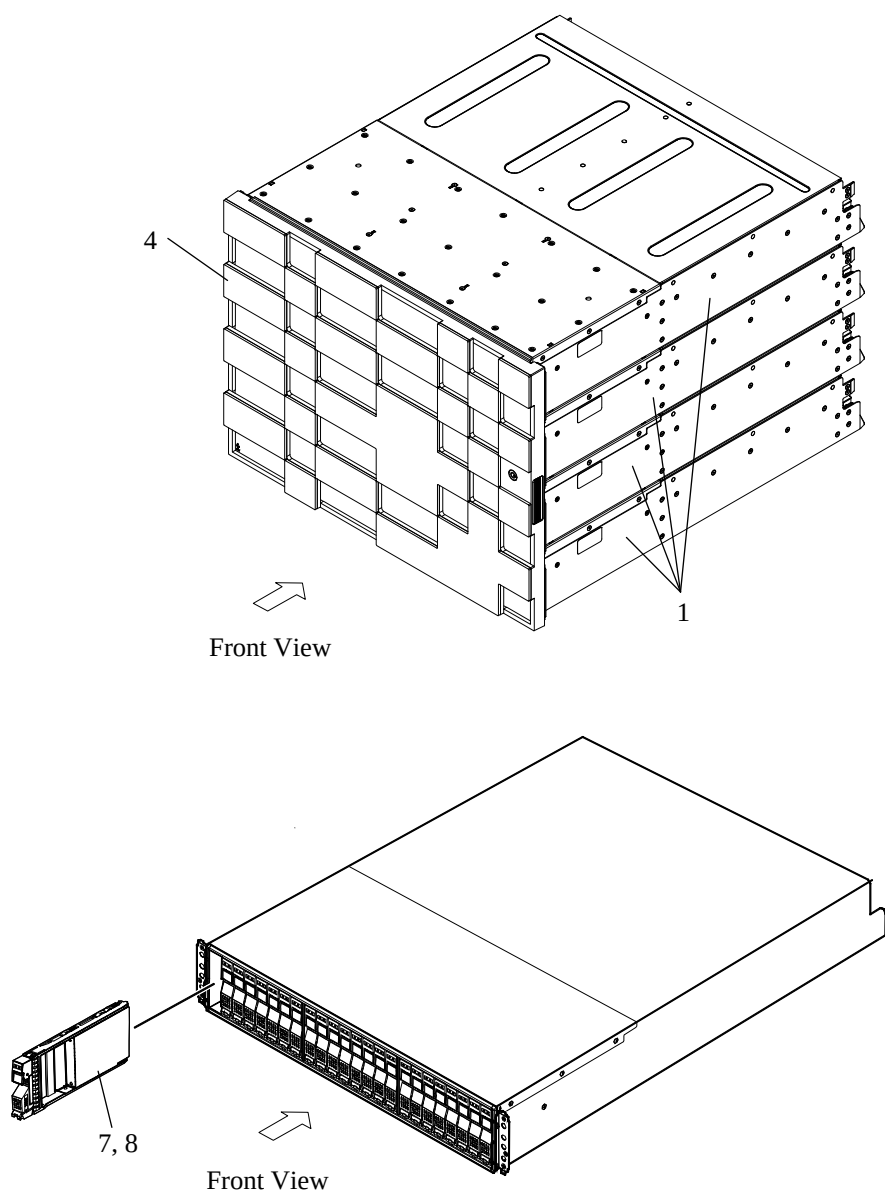


Fig. 2-2 UBX (2/2)

PARTS02-60**PARTS LIST 2-2 (Parts listed below are shown in Fig. 2-2.)**

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
2-		DKC-F810I-UBX		
1	5552746-A	• LFF SBB	8	S.P
2				
3				
4	3287331-A	• Bezel (8U)	2	
5				
6				
7	5559095-A	• HDU800-600J5MSS (DKC-F810I-600J5M)	4-96	S.P
	5552783-A	• HDU800-3R0H3MSS (DKC-F810I-3R0H3M)	4-96	S.P
	5552784-A	• HDU800-4R0H3MSS (DKC-F810I-4R0H3M)	4-96	S.P
	5559078-A	• HDU800-400M5MSS (DKC-F810I-400M5M)	4-96	S.P
8	5552780-A	• Dummy Canister (LFF)	96	
9				
10	5552748-A	• DKUPS	16	S.P
11	5552747-A	• SSW	16	S.P
12				
13	5552754-A	• DEV I/F Cable (1 m) (DKC-F810I-CC1)	—	S.P
14	5552755-A	• DEV I/F Cable (2 m) (DKC-F810I-CC2)	—	S.P
15	5552756-A	• DEV I/F Cable (4 m) (DKC-F810I-CC4)	—	S.P
16	5552757-A	• DEV I/F Cable (5 m) (DKC-F810I-FC5)	—	S.P
17	5556754-A	• DEV I/F Cable (30 m) (DKC-F810I-FC30)	—	S.P
18	5552758-A	• DEV I/F Cable (100 m) (DKC-F810I-FC1J)	—	S.P

(3) SBX**Fig. 2-3 SBX (1/2)**

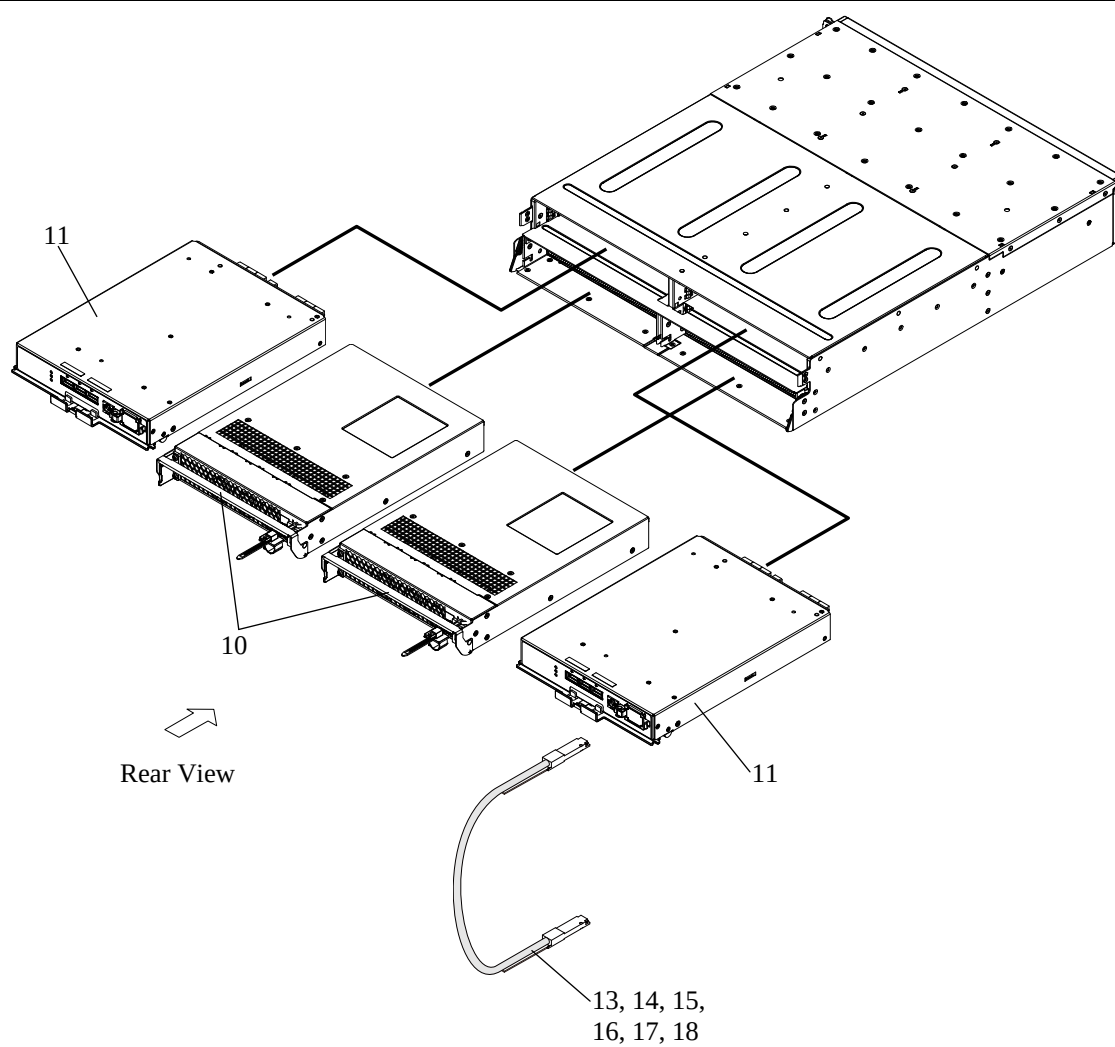
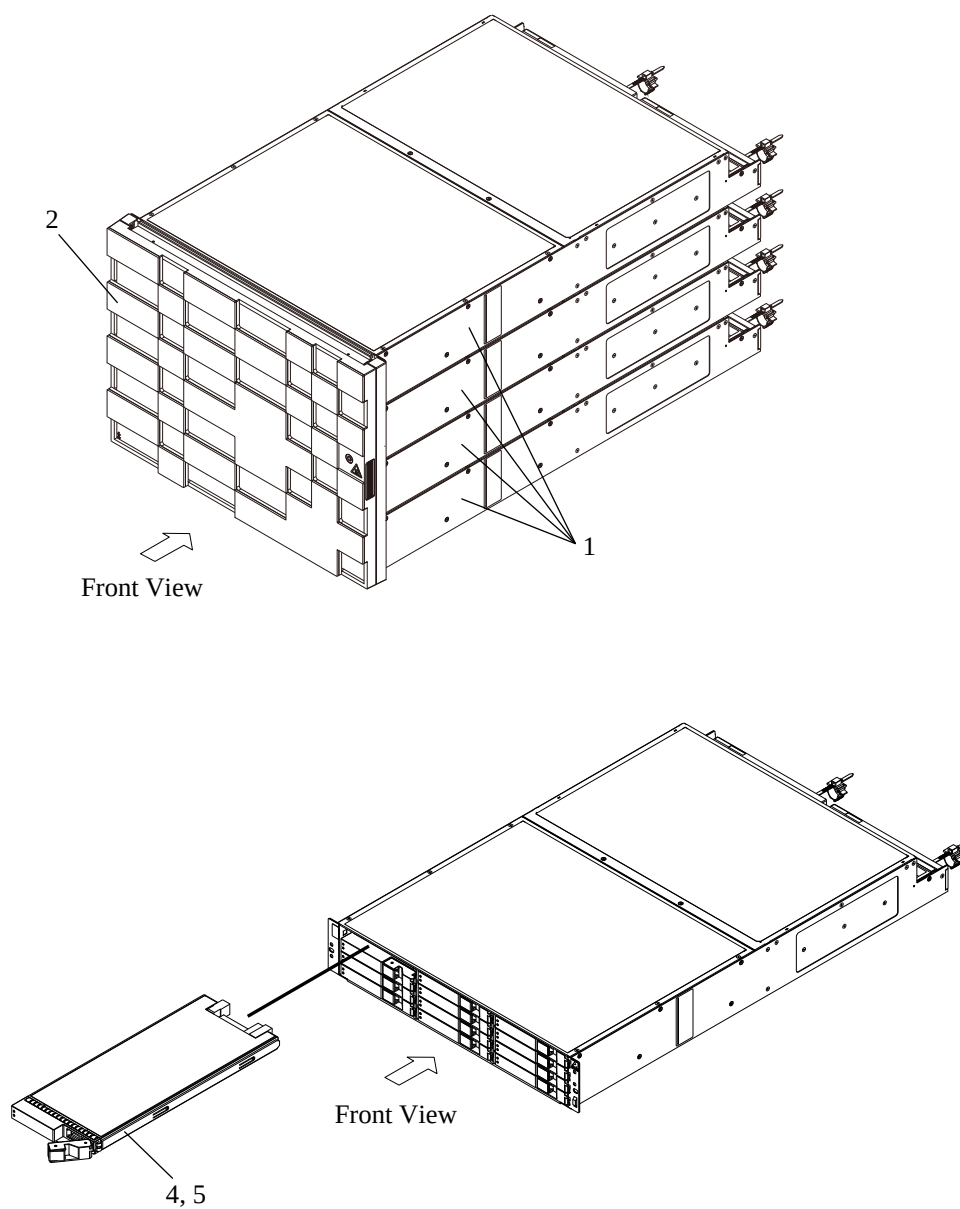


Fig. 2-3 SBX (2/2)

PARTS02-90**PARTS LIST 2-3 (Parts listed below are shown in Fig. 2-3.)**

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
3-		DKC-F810I-SBX		
1	5552745-A	• SFF SBB	8	S.P
2				
3				
4	3287331-A	• Bezel (8U)	2	
5				
6				
7	5552785-A	• HDU800-300KCMSS (DKC-F810I-300KCM)	4-192	S.P
	5552786-A	• HDU800-600JCMSS (DKC-F810I-600JCM)	4-192	S.P
	5552787-A	• HDU800-900JCMSS (DKC-F810I-900JCM)	4-192	S.P
	5552789-A	• HDU800-1R2JCMSS (DKC-F810I-1R2JCM)	4-192	S.P
	5552790-A	• HDU800-400MCMSS (DKC-F810I-400MCM)	4-192	S.P
	5552791-A	• HDU800-800MCMSS (DKC-F810I-800MCM)	4-192	S.P
8	5552779-A	• Dummy Canister (SFF)	192	
9				
10	5552748-A	• DKUPS	16	S.P
11	5552747-A	• SSW	16	S.P
12				
13	5552754-A	• DEV I/F Cable (1 m) (DKC-F810I-CC1)	—	S.P
14	5552755-A	• DEV I/F Cable (2 m) (DKC-F810I-CC2)	—	S.P
15	5552756-A	• DEV I/F Cable (4 m) (DKC-F810I-CC4)	—	S.P
16	5552757-A	• DEV I/F Cable (5 m) (DKC-F810I-FC5)	—	S.P
17	5556754-A	• DEV I/F Cable (30 m) (DKC-F810I-FC30)	—	S.P
18	5552758-A	• DEV I/F Cable (100 m) (DKC-F810I-FC1J)	—	S.P

(4) FBX**Fig. 2-4 FBX (1/2)**

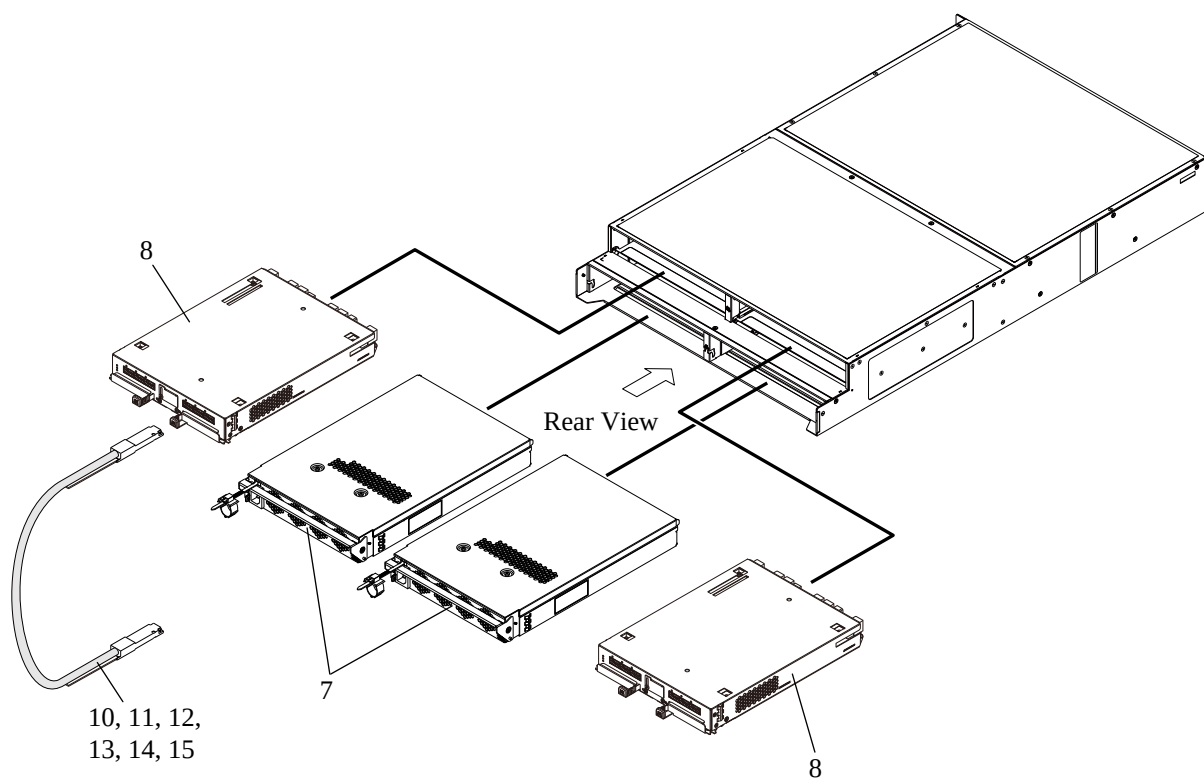


Fig. 2-4 FBX (2/2)

PARTS02-120**PARTS LIST 2-4 (Parts listed below are shown in Fig. 2-4.)**

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
4-		DKC-F810I-FBX		
1	3286597-A	• FMU	4	
2	3287459-A	• Bezel	1	
3				
4	3286600-A	• HDU800-1R6FMSS (DKC-F810I-1R6FM)	4-48	S.P
	3286601-A	• HDU800-3R2FMSS (DKC-F810I-3R2FM)	4-48	S.P
5	3286552-A	• Dummy (FMD)	48	
6				
7	3286599-A	• DKUPS	8	S.P
8	3286598-A	• SSW	8	S.P
9				
10	5552754-A	• DEV I/F Cable(1 m) (DKC-F810I-CC1)	—	S.P
11	5552755-A	• DEV I/F Cable (2 m) (DKC-F810I-CC2)	—	S.P
12	5552756-A	• DEV I/F Cable (4 m) (DKC-F810I-CC4)	—	S.P
13	5552757-A	• DEV I/F Cable (5 m) (DKC-F810I-FC5)	—	S.P
14	5556754-A	• DEV I/F Cable (30 m) (DKC-F810I-FC30)	—	S.P
15	5552758-A	• DEV I/F Cable (100 m) (DKC-F810I-FC1J)	—	S.P

3. Parts List of PCB and Memory Module

3.1 PCB Location

1. DKC-0 Location

DKC-0 LOCATION (FRONT)

CL2				CL1			
		2BB	2BA	1BA	1BB		
		2nd	1st	1st	2nd		
		B	B	B	B		
		K	K	K	K		
		M	M	M	M		
		*B	*A	*A	*B		
		BKM-2BB	BKM-2BA	BKM-1BA	BKM-1BB		
		Option 1	Basic	Basic	Option 1		
2MB	2MA	2CB	2CA	1CA	1CB	1MA	1MB
W	W	W	W	W	W	W	W
P	P	P	P	P	P	P	P
8	8	8	8	8	8	8	8
5	5	4	4	4	4	5	5
0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-
A	A	A	A	A	A	A	A
/	/					/	/
B	B					B	B
*D		*C			*C		*D
MPB-2MB	MPB-2MA	CACHE-2CB	CACHE-2CA	CACHE-1CA	CACHE-1CB	MPB-1MA	MPB-1MB
Option 1	Basic	Option 1	Basic	Basic	Option 1	Basic	Option 1

*A: DKC-F810I-BKMS/BKML × 1 set

*B: DKC-F810I-BKMS/BKML × 2 sets

*C: DKC-F810I-CPEX × 1 set

*D: DKC-F810I-MP × 1 set

Fig. 3.1-1 DKC-0 PCB Location (Front)

DKC-0 LOCATION (REAR)

DKCPS-00				DKCPS-01				DKCPS-02				DKCPS-03							
SSVPMN-0						SVP-OPTION *J / HUBBOX-01 *K													
—		MODCON-0 *L				SVP-BASIC													
DKCFAN-05				DKCFAN-06				DKCFAN-07				DKCFAN-08				DKCFAN-09			
CL1										CL2									
1PA		1PB		1PC	1PD	1PE		1PF		2PF		2PE		2PD	2PC	2PB		2PA	
1st	6th	2nd	5th	1st	2nd	3rd	W P	4th	W P	4th	W P	3rd	W P	2nd	1st	2nd	5th	1st	6th
D K A	C H A	D K A	C H A	C H A	C H A	C H A	8 5 0 - A / B	C H A	8 5 0 - A / B	C H A	8 5 0 - A / B	C H A	8 5 0 - A / B	C H A	C H A	D K A	C H A	D K A	C H A
*E	*F	*E	*F	*F	*F	*F	*H	*F	*G	*F	*G	*F	*H	*F	*F	*E	*F	*E	*F
DKA-1PA	CHA-1PA	DKA-1PB	CHA-1PB	CHA-1PC	CHA-1PD	CHA-1PE	MPB-1PE	CHA-1PF	MPB-1PF	CHA-2PF	MPB-2PF	CHA-2PE	MPB-2PE	CHA-2PD	CHA-2PC	DKA-2PB	CHA-2PB	DKA-2PA	CHA-2PA
Basic	Option 5	Option 1	Option 4	Basic	Option 1	Option 2	Option 3	Option 3	Option 2	Option 3	Option 2	Option 2	Option 3	Option 1	Basic	Option 1	Option 4	Basic	Option 5

*E: Description of DKA PCBs

CL1 (1PA/1PB)/ CL2 (2PA/2PB)	
W P 8 2 0 - A	W P 8 2 0 - B
*1	*2

*1: DKC-F810I-SCA
*2: DKC-F810I-ESCA

*F: Description of CHA PCBs

CL1 (1PA/1PB/1PC/1PD/1PE/1PF)/ CL2 (2PA/2PB/2PC/2PD/2PE/2PF)			
W P 8 1 0 - A	W P 8 1 2 - A	W P 8 1 1 - A	W P 8 1 1 - B
*1	*2	*3	*4

*1: DKC-F810I-16FC8
*2: DKC-F810I-8FC16
*3: DKC-F810I-16MS8
*4: DKC-F810I-16ML8

*G: DKC-F810I-MP × 2 sets

*H: DKC-F810I-MP × 3 sets

*J: DKC-F810I-SVP × 1 set

*K: DKC-F810I-HUB × 1 set

*L: DKC-F810I-MOD5/MOD30/MOD1J

Fig. 3.1-2 DKC-0 PCB Location (Rear)

2. DKC-1 Location

DKC-1 LOCATION (FRONT)

CL2				CL1			
		2BD	2BC	1BC	1BD		
		4th	3rd	3rd	4th		
		B K M	B K M	B K M	B K M		
		*B	*A	*A	*B		
		BKM-2BD	BKM-2BC	BKM-1BC	BKM-1BD		
		Option 3	Option 2	Option 2	Option 3		
2MD	2MC	2CD	2CC	1CC	1CD	1MC	1MD
W	W	W	W	W	W	W	W
P	P	P	P	P	P	P	P
8	8	8	8	8	8	8	8
5	5	4	4	4	4	5	5
0	0	0	0	0	0	0	0
-	-	-	-	-	-	-	-
A	A	A	A	A	A	A	A
/	/					/	/
B	B					B	B
*D		*C			*C		*D
MPB-2MD	MPB-2MC	CACHE-2CD	CACHE-2CC	CACHE-1CC	CACHE-1CD	MPB-1MC	MPB-1MD
Option 5	Option 4	Option 3	Option 2	Option 2	Option 3	Option 4	Option 5

*A: DKC-F810I-BKMS/BKML × 3 sets

*B: DKC-F810I-BKMS/BKML × 4 sets

*C: DKC-F810I-CPEX × 2 sets

*D: DKC-F810I-MP × 4 sets

Fig. 3.1-3 DKC-1 PCB Location (Front)

DKC-1 LOCATION (REAR)

DKCPS-10				DKCPS-11				DKCPS-12				DKCPS-13							
SSVPMN-1						HUBBOX-11 *J													
—		MODCON-1 *K				HUBBOX-10													
DKCFAN-15				DKCFAN-16				DKCFAN-17				DKCFAN-18				DKCFAN-19			
CL1										CL2									
1PG		1PH		1PJ	1PK	1PL		1PM		2PM		2PL		2PK	2PJ	2PH		2PG	
3rd	12th	4th	11th	7th	8th	9th	W P	10th	W P	10th	W P	9th	W P	8th	7th	4th	11th	3rd	12th
D K A	C H A	D K A	C H A	C H A	C H A	C H A	8 5 0 - A / B	C H A	8 5 0 - A / B	C H A	8 5 0 - A / B	C H A	8 5 0 - A / B	C H A	C H A	D K A	C H A	D K A	C H A
*E	*F	*E	*F	*F	*F	*F	*H	*F	*G	*F	*G	*F	*H	*F	*F	*E	*F	*E	*F
DKA-1PG	CHA-1PG	DKA-1PH	CHA-1PH	CHA-1PJ	CHA-1PK	CHA-1PL	MPB-1PL	CHA-1PM	MPB-1PM	CHA-2PM	MPB-2PM	CHA-2PL	MPB-2PL	CHA-2PK	CHA-2PJ	DKA-2PH	CHA-2PH	DKA-2PG	CHA-2PG
Option 2	Option 11	Option 3	Option 10	Option 6	Option 7	Option 8	Option 7	Option 9	Option 6	Option 9	Option 6	Option 8	Option 7	Option 7	Option 6	Option 3	Option 10	Option 2	Option 11

*E: Description of DKA PCBs

CL1 (1PG/1PH)/ CL2 (2PG/2PH)	
W P 8 2 0 - A	W P 8 2 0 - B
*1	*2

*1: DKC-F810I-SCA
*2: DKC-F810I-ESCA

*F: Description of CHA PCBs

CL1 (1PG/1PH/1PJ/1PK/1PL/1PM)/ CL2 (2PG/2PH/2PJ/2PK/2PL/2PM)			
W P 8 1 0 - A	W P 8 1 2 - A	W P 8 1 1 - A	W P 8 1 1 - B
*1	*2	*3	*4

*1: DKC-F810I-16FC8
*2: DKC-F810I-8FC16
*3: DKC-F810I-16MS8
*4: DKC-F810I-16ML8

*G: DKC-F810I-MP × 3 sets

*H: DKC-F810I-MP × 4 sets

*J: DKC-F810I-HUB × 2 sets

*K: DKC-F810I-MOD5/MOD30/MOD1J

Fig. 3.1-4 DKC-1 PCB Location (Rear)

3.2 Cache Memory Module Location

1. DKC-0

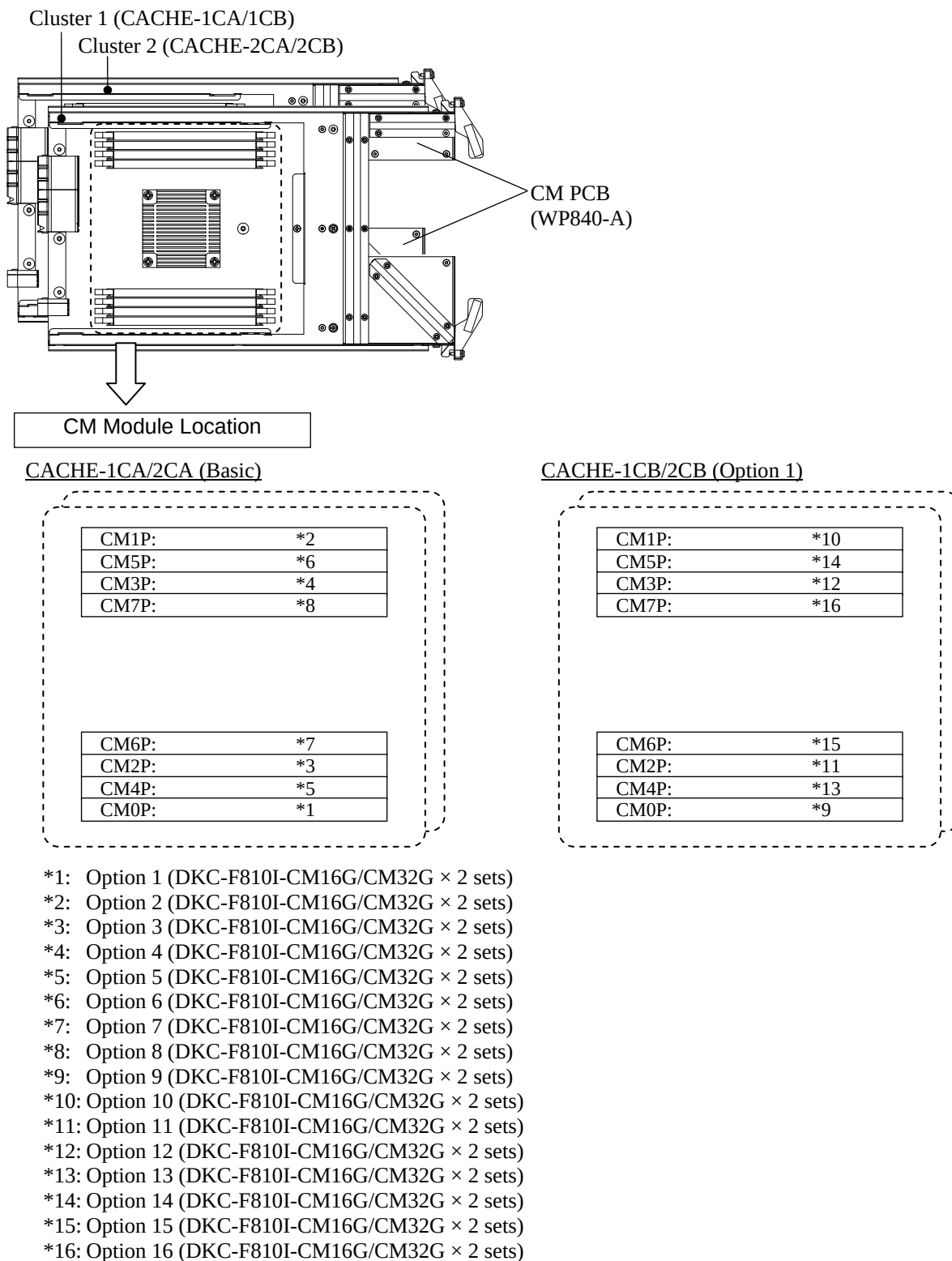
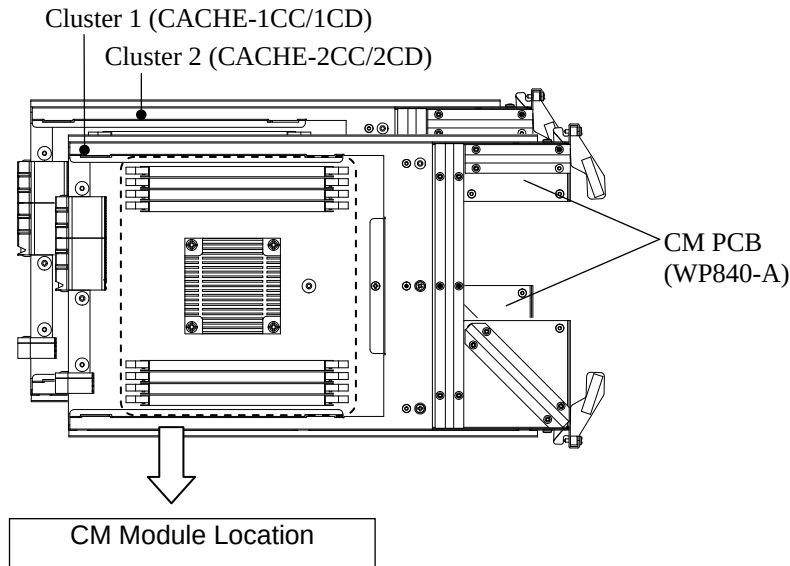


Fig. 3.2-1 Cache Memory (CM) Module Location (DKC-0)

2. DKC-1

CACHE-1CC/2CC (Option 2)

CM1P:	*18
CM5P:	*22
CM3P:	*20
CM7P:	*24
CM6P:	*23
CM2P:	*19
CM4P:	*21
CM0P:	*17

CACHE-1CD/2CD (Option 3)

CM1P:	*26
CM5P:	*30
CM3P:	*28
CM7P:	*32
CM6P:	*31
CM2P:	*27
CM4P:	*29
CM0P:	*25

- *17: Option 17 (DKC-F810I-CM16G/CM32G × 2 sets)
- *18: Option 18 (DKC-F810I-CM16G/CM32G × 2 sets)
- *19: Option 19 (DKC-F810I-CM16G/CM32G × 2 sets)
- *20: Option 20 (DKC-F810I-CM16G/CM32G × 2 sets)
- *21: Option 21 (DKC-F810I-CM16G/CM32G × 2 sets)
- *22: Option 22 (DKC-F810I-CM16G/CM32G × 2 sets)
- *23: Option 23 (DKC-F810I-CM16G/CM32G × 2 sets)
- *24: Option 24 (DKC-F810I-CM16G/CM32G × 2 sets)
- *25: Option 25 (DKC-F810I-CM16G/CM32G × 2 sets)
- *26: Option 26 (DKC-F810I-CM16G/CM32G × 2 sets)
- *27: Option 27 (DKC-F810I-CM16G/CM32G × 2 sets)
- *28: Option 28 (DKC-F810I-CM16G/CM32G × 2 sets)
- *29: Option 29 (DKC-F810I-CM16G/CM32G × 2 sets)
- *30: Option 30 (DKC-F810I-CM16G/CM32G × 2 sets)
- *31: Option 31 (DKC-F810I-CM16G/CM32G × 2 sets)
- *32: Option 32 (DKC-F810I-CM16G/CM32G × 2 sets)

Fig. 3.2-2 Cache Memory (CM) Module Location (DKC-1)

PARTS03-70**3.3 Parts List****PARTS LIST 3.3-1** (Parts listed below are shown in Fig. 3.1-1 through 3.2-2.)

ITEM NO.	PART NUMBER	PART NAME	QUANTITY PER DKC	REMARKS
10-1	5552772-A	CHF 8P 8G Assembly (WP810-A)	2-12	S.P
2	5552773-A	CHF 4P 16G Assembly (WP812-A)	2-12	S.P
3	5552775-A	CHMSW 8P 8G Assembly (WP811-A)	2-12	S.P
4	5552776-A	CHMLW 8P 8G Assembly (WP811-B)	2-12	S.P
5	5552770-A	DKA Assembly (WP820-A)	2-4	S.P
6	5552771-A	DKA Assembly (WP820-B)	2-4	S.P
7	5552761-A	MP Blade (WP850-A)	2-8	S.P
		MP Blade (WP850-B)		
8	5552763-A	CPEX Assembly (WP840-A)	2-4	S.P
9	5552766-A	BKMS Assembly (SH586-A)	2-8	S.P
10	5557499-A	BKML Assembly (SH622-A)	2-8	S.P
11	5552764-A	Cache Memory (16GB)	1-16	S.P
12	5552765-A	Cache Memory (32GB)	1-16	S.P
13	5552742-A	SSVPMN (SH524-B)	1	S.P
14	5552749-A	MODCON Assembly	1	S.P

4. Spare Parts List

The following table shows the Spare parts of the storage system.

No.	Part Name		Part Number	Corresponding List and Index Number
1	CHF 8P 8G Assembly	WP810-A	5552772-A	10-1
2	CHF 4P 16G Assembly	WP812-A	5552773-A	10-2
3	CHMSW 8P 8G Assembly	WP811-A	5552775-A	10-3
4	CHMLW 8P 8G Assembly	WP811-B	5552776-A	10-4
5	SW SFP (8G)		5557409-A	—
			5541873-B	—
6	LW SFP (8G)		5556750-A	—
7	SW SFP (16G)		5552781-A	—
8	LW SFP (16G)		5552782-A	—
9	DKA Assembly	WP820-A	5552770-A	10-5
10	DKA Assembly	WP820-B	5552771-A	10-6
11	MP Blade (Two MP Memory Modules are included.)	WP850-A (*1)	5552761-A	10-7
		WP850-B (*1)		
12	MP Memory	8GB DDR3 DIMM	5552762-A	—
13	CPEX Assembly	WP840-A	5552763-A	10-8
14	Cache Memory (16GB)	16GB DDR3 DIMM	5552764-A	10-11
15	Cache Memory (32GB)	32GB DDR3 DIMM	5552765-A	10-12
16	BKMS Assembly	SH586-A	5552766-A	10-9
17	Cache Battery (Ni-MH)		5552750-A	—
18	BKML Assembly	SH622-A	5557499-A	10-10
19	Cache Battery (Ni-MH)		5557500-A	—
20	CFM (128GB)	128GB SSD	5552768-A	—
21	CFM (256GB)	256GB SSD	5552769-A	—
22	SVP Unit	SVP	5552759-A	1-17
23	HUB Unit	HUBBOX	5552760-A	1-18
24	DKCPS	SWPS	HS1801	5557084-A
25	FAN (Front) Assembly	SH526-B	5552740-A	1-12
26	FAN (Rear) Assembly	SH526-B	5552741-A	1-20
27	SSVPMN Assembly	SH524-B	5552742-A	10-13
28	DKCPANEL	SH589-A	5552743-A	1-13
29	MODCON Assembly	SH590-A	5552749-A	10-14
30	SSW		5552747-A	2-11, 3-11
31	DKUPS	PSU	R0501-A0030	5552748-A
				2-10,3-10

(To be continued)

*1: WP850-A and WP850-B are compatible and either or both of them can be used without problem.

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(Continued from the preceding page)

No.	Part Name		Part Number	Corresponding List and Index Number
32	SSW (FBX)		3286598-A	4-8
33	DKUPS (FBX)	SWPS (FBX)	PPD6001	3286599-A
34	LFF SBB	LFF Drive Chassis	5552746-A	2-1
35	SFF SBB	SFF Drive Chassis	5552745-A	3-1
36	H-PCF Cable	MODCON cable 5m	5555027-A	—
37	H-PCF Cable	MODCON cable 30m	5555153-A	—
38	H-PCF Cable	MODCON cable 100m	5555028-A	—
39	LAN Cable (RJ45)	LAN cable 5m	5555029-A	—
40	LAN Cable (RJ45)	LAN cable 30m	5555154-A	—
41	LAN Cable (RJ45)	LAN cable 100m	5555030-A	—
42	DEV Cable (AOC) (*2)	MFC cable 5m	5552752-A	—
43	DEV Cable (AOC) (*2)	MFC cable 30m	5555155-A	—
44	QSFP		5559122-A	—
45	Optical Cable (100m)		5559123-A	—
46	DEV I/F Cable (CC1)	Interface cable CC1 (copper 1m)	5552754-A	2-13, 3-13, 4-10
47	DEV I/F Cable (CC2)	Interface cable CC2 (copper 2m)	5552755-A	2-14, 3-14, 4-11
48	DEV I/F Cable (CC4)	Interface cable CC4 (copper 4m)	5552756-A	2-15, 3-15, 4-12
49	DEV I/F Cable (FC5)	Interface cable FC5 (optical 5m)	5552757-A	2-16, 3-16, 4-13
50	DEV I/F Cable (FC30)	Interface cable FC30 (optical 30m)	5556754-A	2-17, 3-17, 4-14
51	DEV I/F Cable (FC1J)	Interface cable FC1J (optical 100m)	5552758-A	2-18, 3-18, 4-15
52	HDU800-300KCMSS (for SBX) (300GB/15k/6Gbps/SAS-HDD)	S5C-K300SS	5552785-A	3-7
53	HDU800-600JCMSS (for SBX) (600GB/10k/6Gbps/SAS-HDD)	R5D-J600SS	5552786-A	3-7
		S5E-J600SS		
54	HDU800-600J5MSS (for UBX) (600GB/10k/6Gbps/SAS-HDD)	R5D-J600SS	5559095-A	2-7
55	HDU800-900JCMSS (for SBX) (900GB/10k/6Gbps/SAS-HDD)	R5D-J900SS	5552787-A	3-7
		S5E-J900SS		
56	HDU800-1R2JCMSS (for SBX) (1.2TB/10k/6Gbps/SAS-HDD)	R5E-J1R2SS	5552789-A	3-7
		S5F-J1R2SS		

(To be continued)

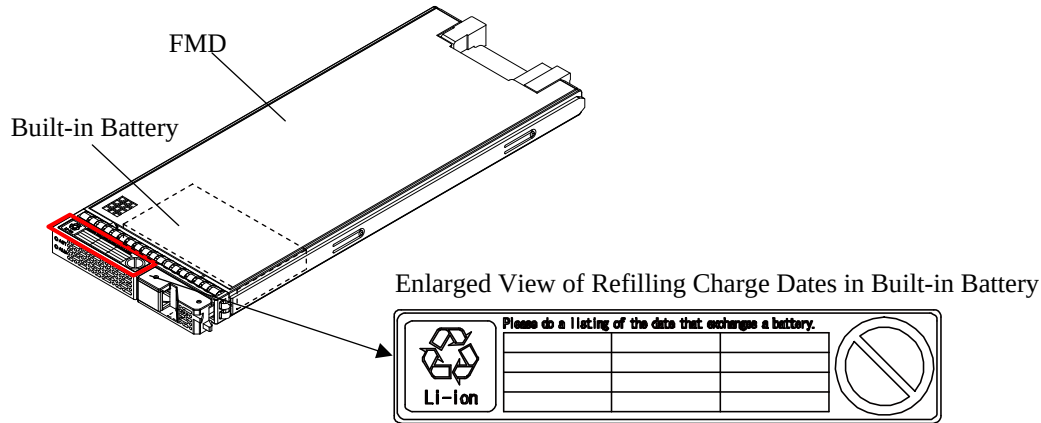
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(Continued from the preceding page)

No.	Part Name		Part Number	Corresponding List and Index Number
57	HDU800-3R0H3MSS (for UBX) (3TB/7.2k/6Gbps/SAS-HDD)	S2E-H3R0SS	5552783-A	2-7
58	HDU800-4R0H3MSS (for UBX) (4TB/7.2k/6Gbps/SAS-HDD)	R2E-H4R0SS	5552784-A	2-7
		S2E-H4R0SS		
59	HDU800-400MCMSS (for SBX) (400GB/6Gbps/MLC-SSD)	B5A-M400SS	5552790-A	3-7
		R5C-M400SS		
60	HDU800-400M5MSS (for UBX) (400GB/6Gbps/MLC-SSD)	B5A-M400SS	5559078-A	2-7
61	HDU800-800MCMSS (for SBX) (800GB/6Gbps/MLC-SSD)	B5A-M800SS	5552791-A	3-7
		R5C-M800SS		
62	HDU800-1R6FMSS (for FBX) (1.6TB/6Gbps/MLC-SSD) (*3)	HAA-P1R6SS	3286600-A	4-4
63	HDU800-3R2FMSS (for FBX) (3.2TB/6Gbps/MLC-SSD) (*3)	HAB-P3R2SS	3286601-A	4-4

*2: MFC = AOC (Active Optical Cable)

*3: Check the refilling charge date of the Built-in Battery of the FMD and confirm that the period of storage is not over.



[Check of refilling charge dates]

Check the refilling charge dates.

[After refilling charge]

Write the refilling charge date.

Date of the latest refilling charge	Shipment from the factory			The first refilling charge								The second refilling charge				
Months elapsed	1	2	3	4		12	13	14	15	16		24	25	26	27	
				Allowable period of storage at the HDS/HP: 24 months at the longest												
				Period of storage at the factory: 3 months at the longest (①)			Period of storage at the HDS/HP: 12 months (②)					Period of storage at the HDS/HP: 12 months (③)				
	↔ Charging is done within 3 months before shipment.			↔ Charging is done within 3 months before shipment.					↔ Charging is done within 3 months before shipment.			➡ Discard the battery when it has been stored for 15 months (①+②) after the latest refilling charge.				
➡ Discard the battery when it has been stored for 12 months (③) after the first refilling charge.																

NOTE: Battery Management**1. Batteries installed into an operating DKC/DKU, warehoused DKC/DKU or a combination**

The batteries that are installed into a DKC/DKU that is in operation must be discarded when the DKC/DKU is de-installed and the batteries installed have greater than 4 months of operation. If the DKC/DKU is not de-installed but is in operation then the batteries must be replaced every 3 years per the Periodic Maintenance procedures. An exception would be one short install time of less than 4 months. Batteries need not be replaced if the combined short install and warehousing times when added together do not exceed 12 months. This is also provided the batteries are maintained per Battery Storage Mandatory Guidelines in below. Otherwise the batteries must be discarded.

2. Battery shelf life when used for spare parts

Batteries shipped from the factory for Spares inventory use have the date of the shipment indicated on the packing box. The shelf life of these batteries is one year duration from this stamped date. Batteries may be used as a spare replacement part anytime up to this 1 year period if maintained per Battery Storage Mandatory Guidelines in below.

3. Battery Storage Mandatory Guidelines for Temperature and Periodic Charging

All batteries in warehouse storage (either as spare parts or installed in a DKC/DKU) must receive a 24 hours charge every 6 months provided they are kept at a temperature below 25 Celsius. When the storage environment exceeds 25 Celsius but not 32 Celsius, the charge rate is increased to 24 hours charge every 3 months. When the storage environment exceeds 32 Celsius the batteries must be discarded. Battery charging can be accomplished in a DKC/DKU setup for charging purposes, or using a Battery Charger.

5. Tool List

The following table shows the maintenance tools:

TOOL NAME	SPECIFICATION	REMARKS
Monkey wrench	100mm	Used for installation, maintenance, trouble shooting, and parts change.
Monkey wrench	300mm	
Hexagon wrench key set	1.27, 1.4, 1.58, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0mm	
Box driver set	4.0, 5.5, 6.0, 7.0, 8.0, 10.0mm	
Stubby driver set (PHILLIPS TYPE)	No. 2 x 38	
Stubby driver set (PHILLIPS TYPE)		
Screw driver set (STRAIGHT TYPE)		
Long screw driver (PHILLIPS TYPE)	250mm (No.3) for M6 or M8	
Insulated cutting pliers	175mm	
Insulated radio pliers	150mm	
Insulated cutting nipper	150mm	
Pincette	125mm	
Soldering iron	25W	Used for field change.
Soldering iron	100W	
Wrapping tool		
Oscilloscope	200MHz	Used for inspection.
Digital voltmeter	AC, DC, OHM	

The following table shows the special tools:

Tool Name	Parts No.	Remarks
Insulated screw driver	5480302-1	For removing screw
Air Spray (with Nozzle)	— *1	For Fibre connector cleaning
Ethyl Alcohol	— *1	For Fibre connector cleaning
Cut Gauze	— *1	For Fibre connector cleaning *The gauze material must be soft and strong for waste thread.
Dummy Canister (LFF)	5552780-A	This must be inserted for all empty drive slots to generate stable airflow inside the LFF Drive Chassis for efficient cooling.
Dummy Canister (SFF)	5552779-A	This must be inserted for all empty drive slots to generate stable airflow inside the SFF Drive Chassis for efficient cooling.
Dummy FMD	3286552-A	This must be inserted for all empty FMD slots to generate stable airflow inside the FBX Drive Chassis for efficient cooling.

*1: ITPF does not supply the above described Special Tools marked with ‘*1’.

Please try to purchase them locally.