

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 list.

Table 1-1 Reference Page of Each Part List

No.	Part Name	Pages
1	Parts List	PARTS02-10 through PARTS02-410
2	Spare Parts	PARTS03-10 through PARTS03-40

2. Maintenance Tool list

This list shows tools necessary to replace a part or for troubleshooting.

3. How to refer to parts list

① LIST AND INDEX NUMBER	② PART NUMBER	④ NAME OF PART	⑥ UNITS PER ASSY	⑦ REMARKS
1-		DW800-CBSS		
1	—	• FRONT BEZEL	1	S.P
2	3290537-A	• CONTROLLER CHASSIS	1	S.P

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 part name.

⑥ : Indicates a quantity per main assembly.

⑦ : If 'SP' is written, it indicates a spare part.

2. Parts List

2.1 CBSS

Figure 2-1 CBSS (1/2)

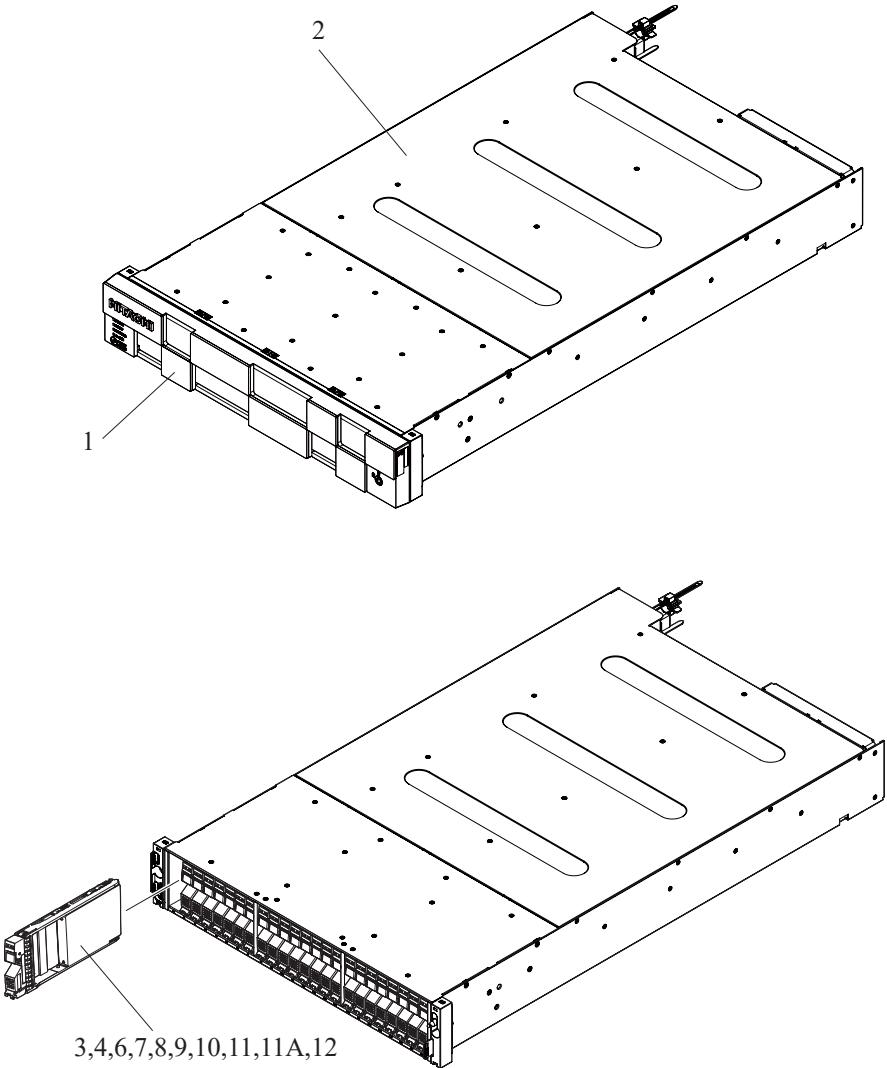
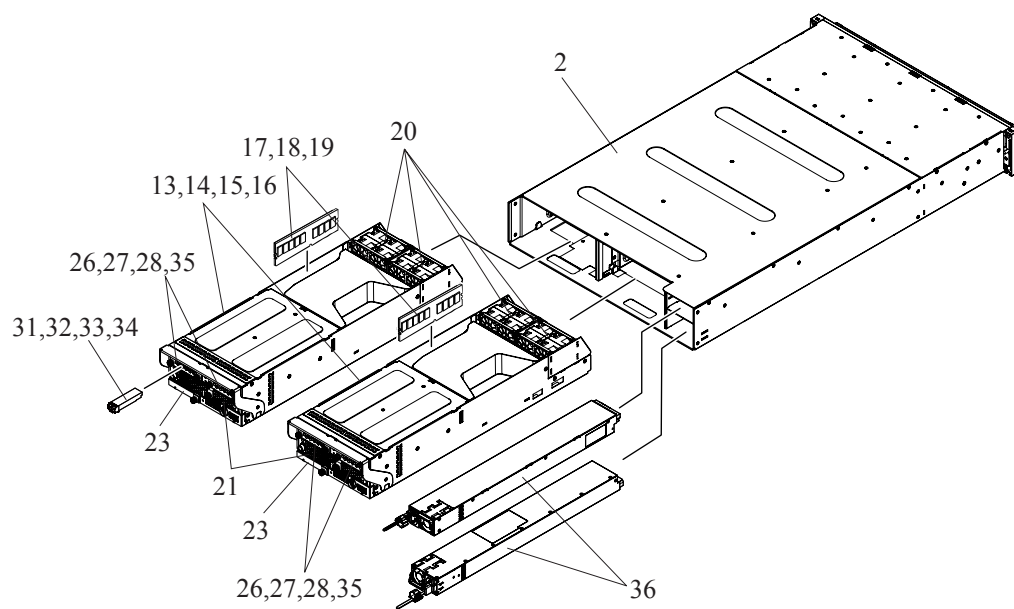


Figure 2-2 CBSS (2/2)



PARTS02-30

PARTS LIST 2-1 (Parts listed below is shown in [Figure 2-1](#) and [Figure 2-2](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
1-		DW800-CBSS		
1	5559125-A	• FRONT BEZEL	1	S.P
2	3290734-A	• CONTROLLER CHASSIS	1	S.P
3	5552786-P	• Drive (600 GB, SAS, 2.5-inch) (DKC-F810I-600JCMC)	0-24	S.P
4	5552789-P	• Drive (1.2 TB, SAS, 2.5-inch) (DKC-F810I-1R2JCMC)	0-24	S.P
5				
6	5562956-A	• Drive (2.4 TB, SAS, 2.5-inch) (DKC-F810I-2R4JGM)	0-24	S.P
7	5562453-A	• Drive (480 GB, Flash Drive, 2.5-inch) (DKC-F810I-480MGM)	0-24	S.P
8	5562819-A	• Drive (960 GB, Flash Drive, 2.5-inch) (DKC-F810I-960MGM)	0-24	S.P
9	5562403-B	• Drive (1.9 TB, Flash Drive, 2.5-inch) (DKC-F810I-1R9MGM)	0-24	S.P
10	5562826-A	• Drive (3.8 TB, Flash Drive, 2.5-inch) (DKC-F810I-3R8MGM)	0-24	S.P
11	5563046-A	• Drive (7.6 TB, Flash Drive, 2.5-inch) (DKC-F810I-7R6MGM)	0-24	S.P
11A	5563327-A	• Drive (15 TB, Flash Drive, 2.5-inch) (DKC-F810I-15RMGM)	0-24	S.P
12	5552779-A	• DUMMY (DRIVE)	0-24	
13	3292323-A	• CONTROLLER BOARD S	2	S.P
14	3292323-B	• CONTROLLER BOARD S (Encryption)	2	S.P
15	3292324-A	• CONTROLLER BOARD SH	2	S.P
16	3292324-B	• CONTROLLER BOARD SH (Encryption)	2	S.P
17	3292317-A	• CACHE MEMORY (16 GiB) (for CTLS, CTLSE only)	4	S.P
18	3292318-A	• CACHE MEMORY (32 GiB)	4	S.P
19	3292319-A	• CACHE MEMORY (64 GiB) (for CTLSH, CTLSHE only)	4	S.P
20	3292301-A	• FAN	4	S.P
21	3290735-A	• BKM	2	S.P

(To be continued)

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LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
22	3292314-A	• CACHE FLASH MEMORY (DW-F850-BM15)	2	S.P
23				
24				
25	3292131-A	• CHANNEL BOARD (Optic 32 Gbps) (DW-F800-4HF32R)	2-4	S.P
26				
27	3289048-A	• CHANNEL BOARD (iSCSI 10 Gbps Optic) (DW-F800-2HS10S)	2-4	S.P
28	3289049-A	• CHANNEL BOARD (iSCSI 10 Gbps Copper) (DW-F800-2HS10B)	2-4	S.P
29	5552782-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps LongWave)	0-16	S.P
30				
31				
32	5552781-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps ShortWave)	0-16	S.P
33	5562178-A	• SMALL FORM-FACTOR PLUGGABLE (32 Gbps ShortWave)	0-16	S.P
34	5559354-A	• SMALL FORM-FACTOR PLUGGABLE (10 Gbps ShortWave)	0-8	S.P
35	2857420-001	• DUMMY (CHANNEL BOARD)	0-2	S.P
36	3290737-A/ 3290737-K	• DKCPS	2	

2.2 CBSL

Figure 2-3 CBSL (1/2)

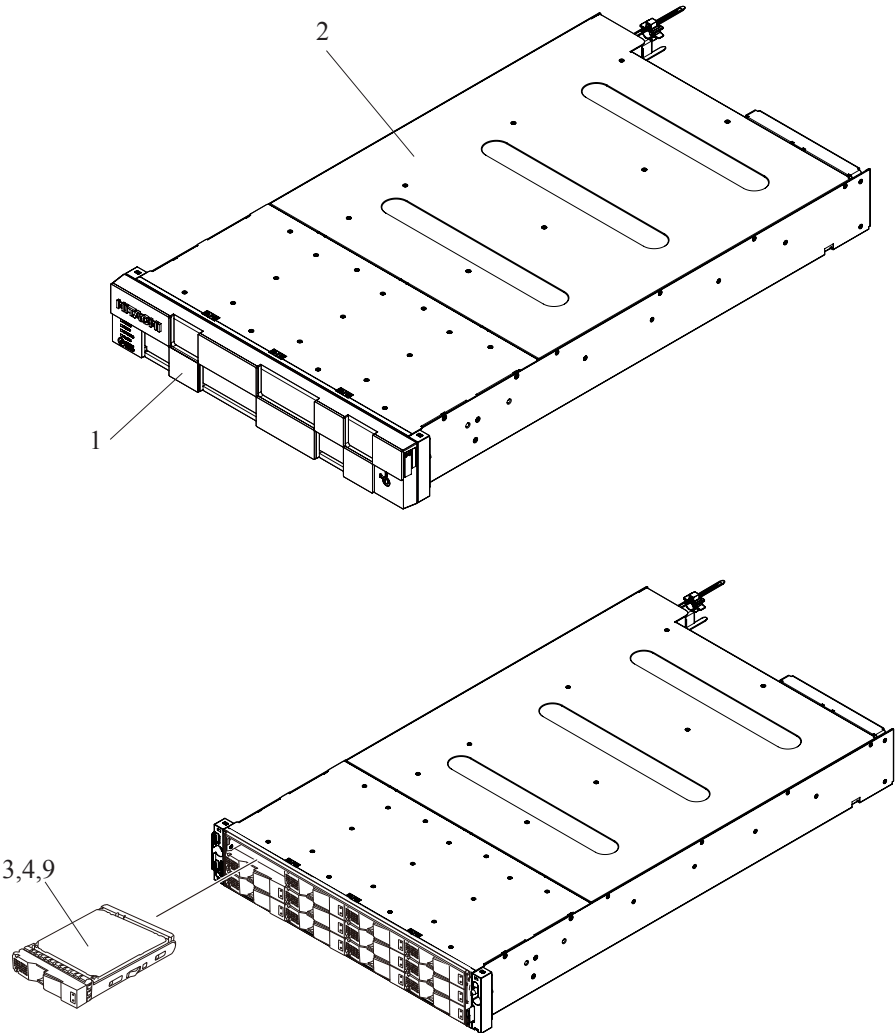
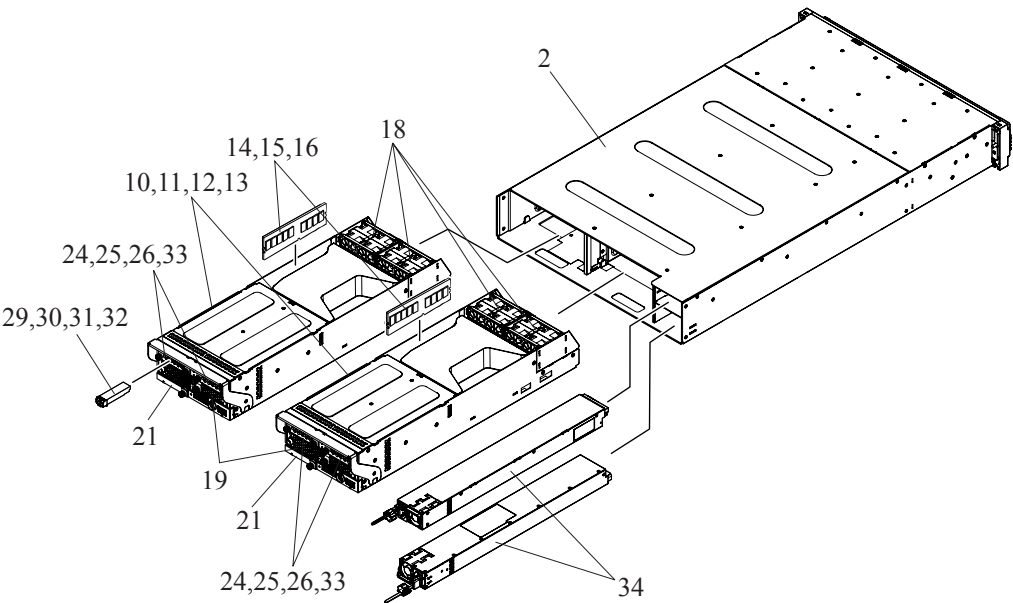


Figure 2-4 CBSL (2/2)



PARTS02-70

PARTS LIST 2-2 (Parts listed below is shown in [Figure 2-3](#) and [Figure 2-4](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
2-		DW800-CBSL		
1	5559125-A	• FRONT BEZEL	1	S.P
2	3290734-B	• CONTROLLER CHASSIS	1	S.P
3	5560075-A	• Drive (6 TB, SAS, 3.5-inch) (DKC-F810I-6R0H9M)	0-12	S.P
4	5562395-A	• Drive (10 TB, SAS, 3.5-inch) (DKC-F810I-10RH9M)	0-12	S.P
5				
6				
7				
8				
9	5552780-A	• DUMMY (DRIVE)	0-12	
10	3292323-A	• CONTROLLER BOARD S	2	S.P
11	3292323-B	• CONTROLLER BOARD S (Encryption)	2	S.P
12	3292324-A	• CONTROLLER BOARD SH	2	S.P
13	3292324-B	• CONTROLLER BOARD SH (Encryption)	2	S.P
14	3292317-A	• CACHE MEMORY (16 GiB) (for CTLS, CTLSE only)	4	S.P
15	3292318-A	• CACHE MEMORY (32 GiB)	4	S.P
16	3292319-A	• CACHE MEMORY (64 GiB) (for CTLSH, CTLSHE only)	4	S.P
17				
18	3292301-A	• FAN	4	S.P
19	3290735-A	• BKM	2	S.P
20				
21	3292314-A	• CACHE FLASH MEMORY (DW-F850-BM15)	2	S.P
22				
23				
24	3292131-A	• CHANNEL BOARD (Optic 32 Gbps) (DW-F800-4HF32R)	2-4	S.P
25	3289048-A	• CHANNEL BOARD (iSCSI 10 Gbps Optic) (DW-F800-2HS10S)	2-4	S.P

(To be continued)

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LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
26	3289049-A	• CHANNEL BOARD (iSCSI 10 Gbps Copper) (DW-F800-2HS10B)	2-4	S.P
27				
28				
29	5552782-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps LongWave)	0-16	S.P
30	5552781-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps ShortWave)	0-16	S.P
31	5562178-A	• SMALL FORM-FACTOR PLUGGABLE (32 Gbps ShortWave)	0-16	S.P
32	5559354-A	• SMALL FORM-FACTOR PLUGGABLE (10 Gbps ShortWave)	0-8	S.P
33	2857420-001	• DUMMY (CHANNEL BOARD)	0-2	
34	3290737-A/ 3290737-K	• DKCPS	2	S.P

2.3 CBLH1

Figure 2-5 CBLH1 (1/2)

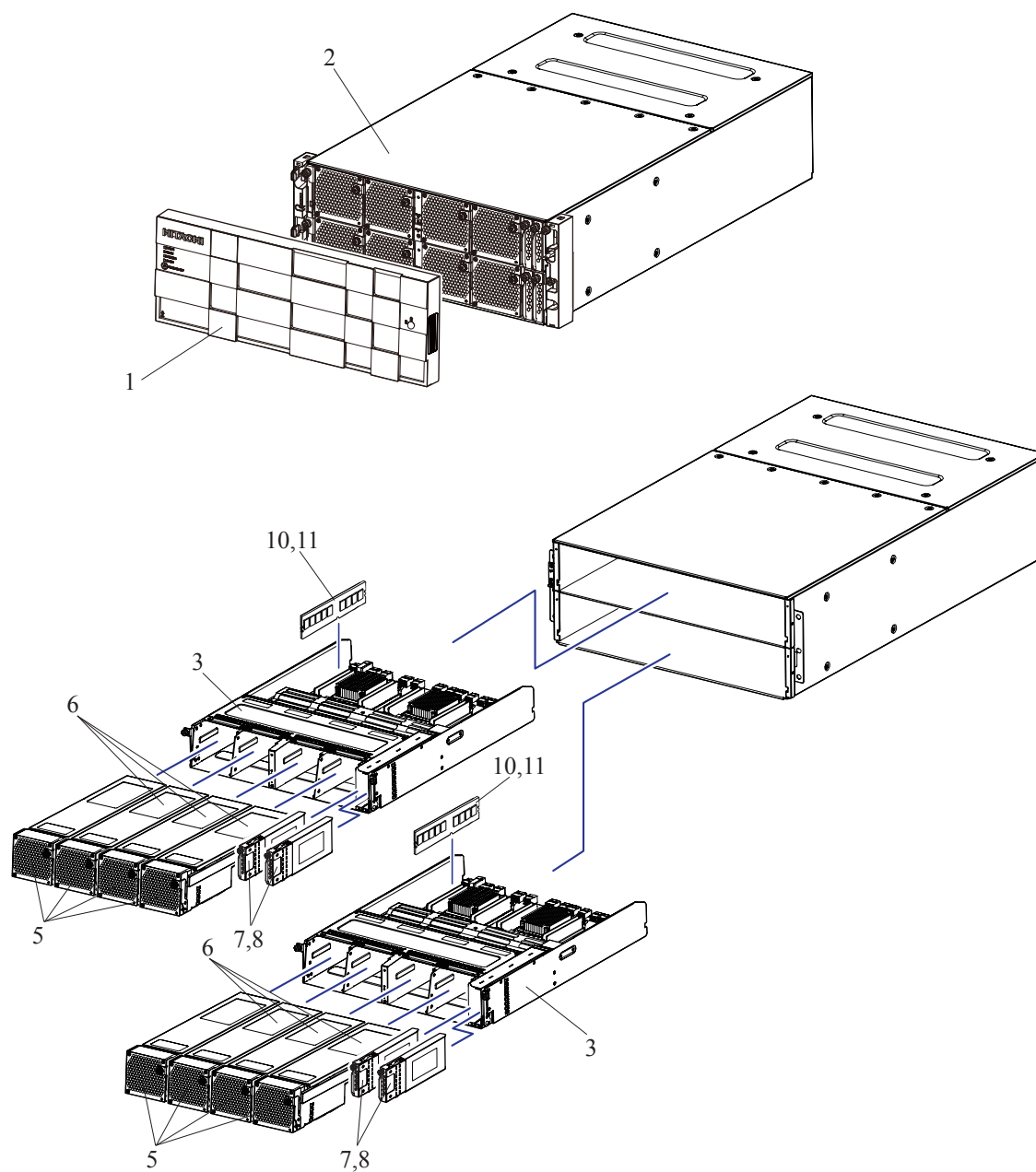
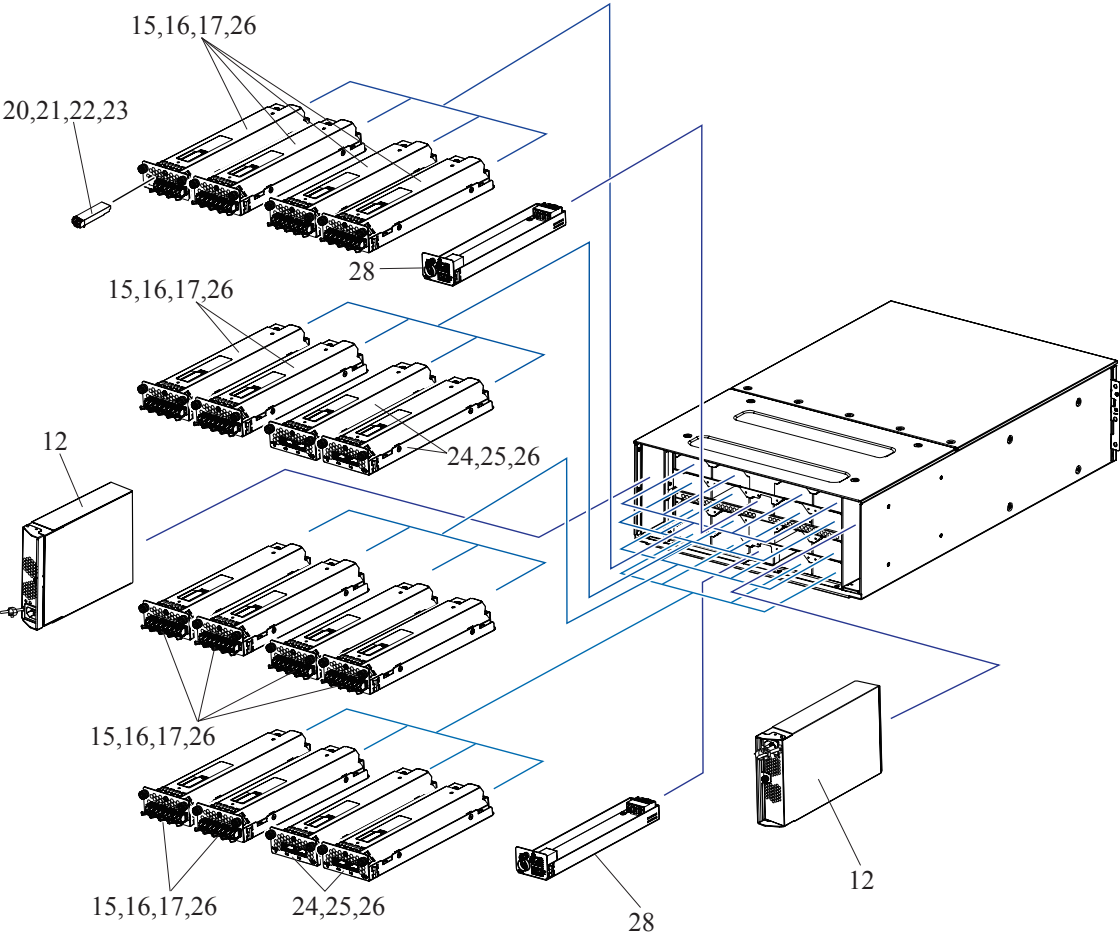


Figure 2-6 CBLH1 (2/2)



PARTS02-110

PARTS LIST 2-3 (Parts listed below is shown in [Figure 2-5](#) and [Figure 2-6](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
3-		DW850-CBLH1		
1	5559126-A	• FRONT BEZEL	1	S.P
2	3292212-A	• CONTROLLER CHASSIS	1	S.P
3	3292321-A	• CONTROLLER BOARD	2	S.P
4				
5	3292322-A	• BKMF	8	S.P
6	3289081-A	• Battery	6	S.P
7	3292315-A	• CACHE FLASH MEMORY (DW-F850-BM35)	2-4	S.P
8	3292199-001	• DUMMY (CACHE FLASH MEMORY)	0-1	
9				
10	3292317-A	• CACHE MEMORY (16 GiB) (DW-F850-CM16G)	8-16	S.P
11	3292318-A	• CACHE MEMORY (32 GiB) (DW-F850-CM32G)	8-16	S.P
12	3289056-A/ 3289056-K	• DKCPS	2	S.P
13				
14				
15	3292131-A	• CHANNEL BOARD (Optic 32 Gbps) (DW-F800-4HF32R)	0-16	S.P
16	3289048-A	• CHANNEL BOARD (iSCSI 10 Gbps Optic) (DW-F800-2HS10S)	0-16	S.P
17	3289049-A	• CHANNEL BOARD (iSCSI 10 Gbps Copper) (DW-F800-2HS10B)	0-16	S.P
18				
19				
20	5552782-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps LongWave)	0-64	S.P
21	5552781-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps ShortWave)	0-64	S.P
22	5562178-A	• SMALL FORM-FACTOR PLUGGABLE (32 Gbps ShortWave)	0-64	S.P

(To be continued)

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LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
23	5559354-A	• SMALL FORM-FACTOR PLUGGABLE (10 Gbps ShortWave)	0-32	S.P
24	3289045-A	• DISK BOARD (DW-F800-BS12G)	0-2	S.P
25	3289094-A	• DISK BOARD (DW-F800-BS12GE (Encryption))	0-2	S.P
26	2857420-001	• DUMMY (CHANNEL BOARD/DISK BOARD)	0-14	
27				
28	3289044-A	• LAN BOARD	2	S.P
29				

2.4 CBLH2

Figure 2-7 CBLH2 (1/2)

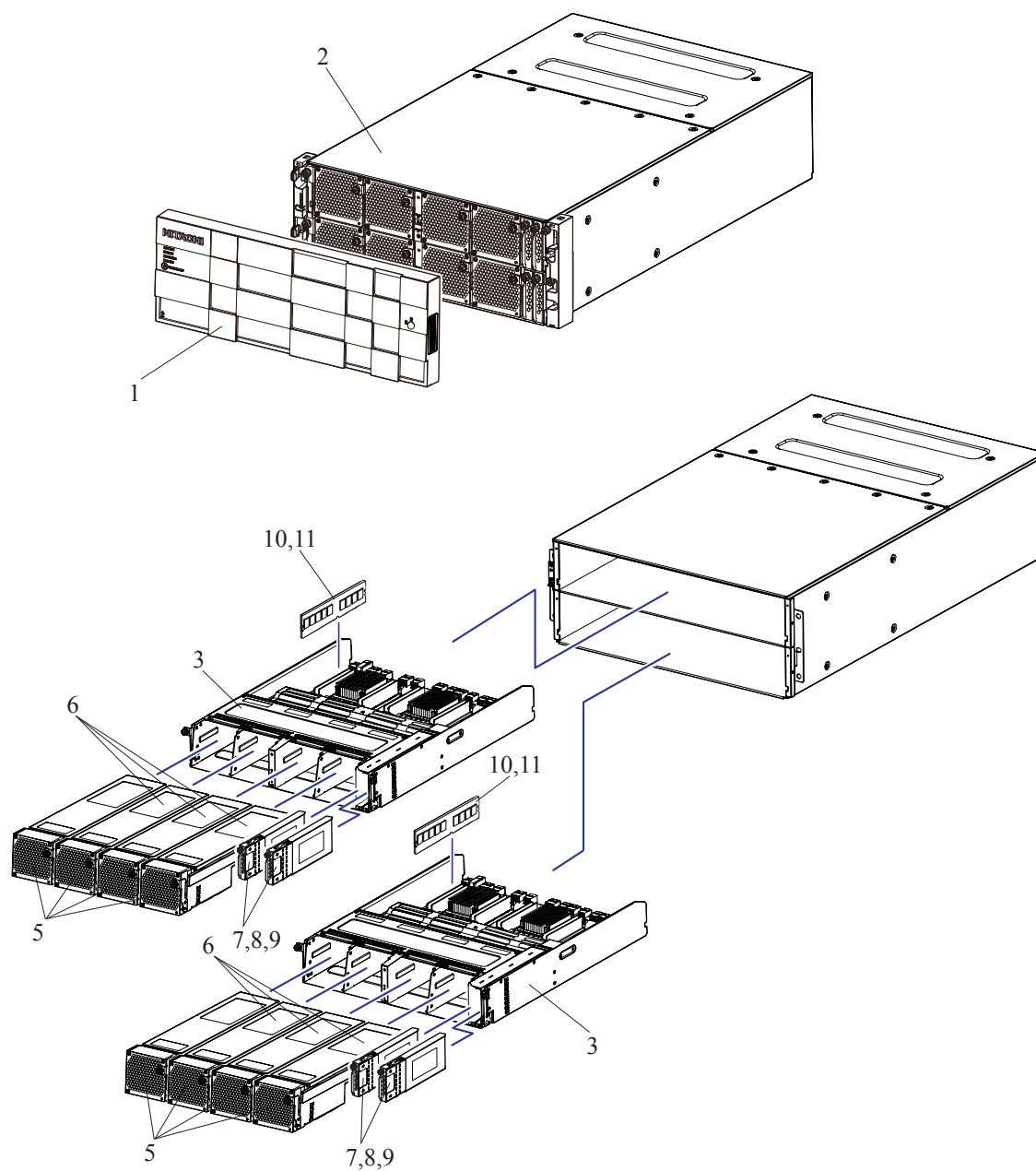
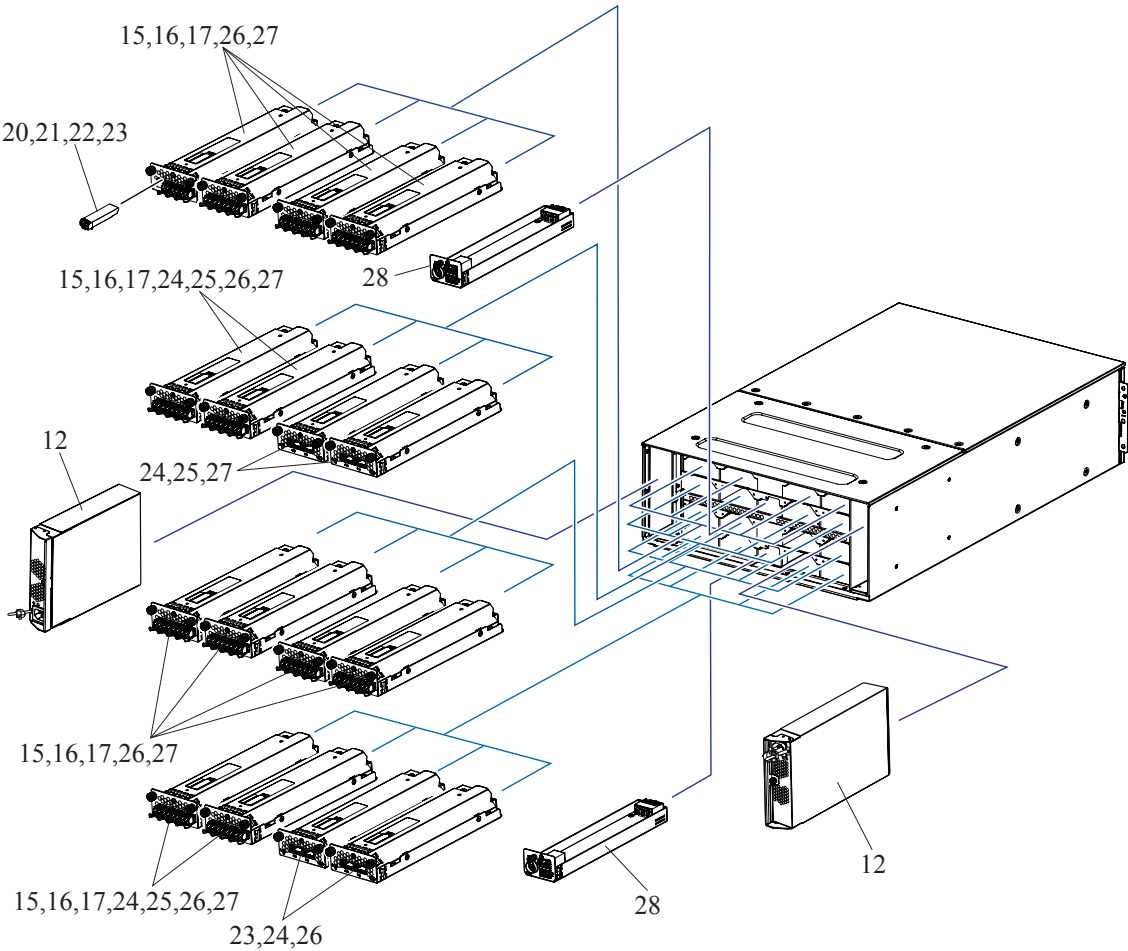


Figure 2-8 CBLH2 (2/2)



PARTS LIST 2-4 (Parts listed below is shown in [Figure 2-7](#) and [Figure 2-8](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
4-		DW850-CBLH2		
1	5559126-A	• FRONT BEZEL	1	S.P
2	3292212-A	• CONTROLLER CHASSIS	1	S.P
3	3292320-A	• CONTROLLER BOARD	2	S.P
4				
5	3292322-A	• BKMF	8	S.P
6	3289081-A	• Battery	6	S.P
7	3292199-001	• DUMMY (CACHE FLASH MEMORY)	0-1	
8	3292315-A	• CACHE FLASH MEMORY (DW-F850-BM35)	2-4	S.P
9	3292315-B	• CACHE FLASH MEMORY (DW-F850-BM45)	2-4	S.P
10	3292318-A	• CACHE MEMORY (32 GiB) (DW-F850-CM32G)	8-16	S.P
11	3292319-A	• CACHE MEMORY (64 GiB) (DW-F850-CM64G)	8-16	S.P
12	3289056-A/ 3289056-K	• DKCPS	2	S.P
13				
14				
15	3292131-A	• CHANNEL BOARD (Optic 32 Gbps) (DW-F800-4HF32R)	0-16	S.P
16	3289048-A	• CHANNEL BOARD (iSCSI 10 Gbps Optic) (DW-F800-2HS10S)	0-16	S.P
17	3289049-A	• CHANNEL BOARD (iSCSI 10 Gbps Copper) (DW-F800-2HS10B)	0-16	S.P
18				
19				
20	5552782-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps LongWave)	0-64	S.P
21	5552781-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps ShortWave)	0-64	S.P
22	5562178-A	• SMALL FORM-FACTOR PLUGGABLE (32 Gbps ShortWave)	0-64	S.P

(To be continued)

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LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
23	5559354-A	• SMALL FORM-FACTOR PLUGGABLE (10 Gbps ShortWave)	0-32	S.P
24	3289045-A	• DISK BOARD (DW-F800-BS12G)	0-8	S.P
25	3289094-A	• DISK BOARD (DW-F800-BS12GE (Encryption))	0-8	S.P
26	3289195-A	• Channel Board (PCIe)	0-4	S.P
27	2857420-001	• DUMMY (CHANNEL BOARD/DISK BOARD)	0-10	
28	3289044-A	• LAN BOARD	2	S.P
29				

2.5 DBLC

Figure 2-9 DBLC (1/2)

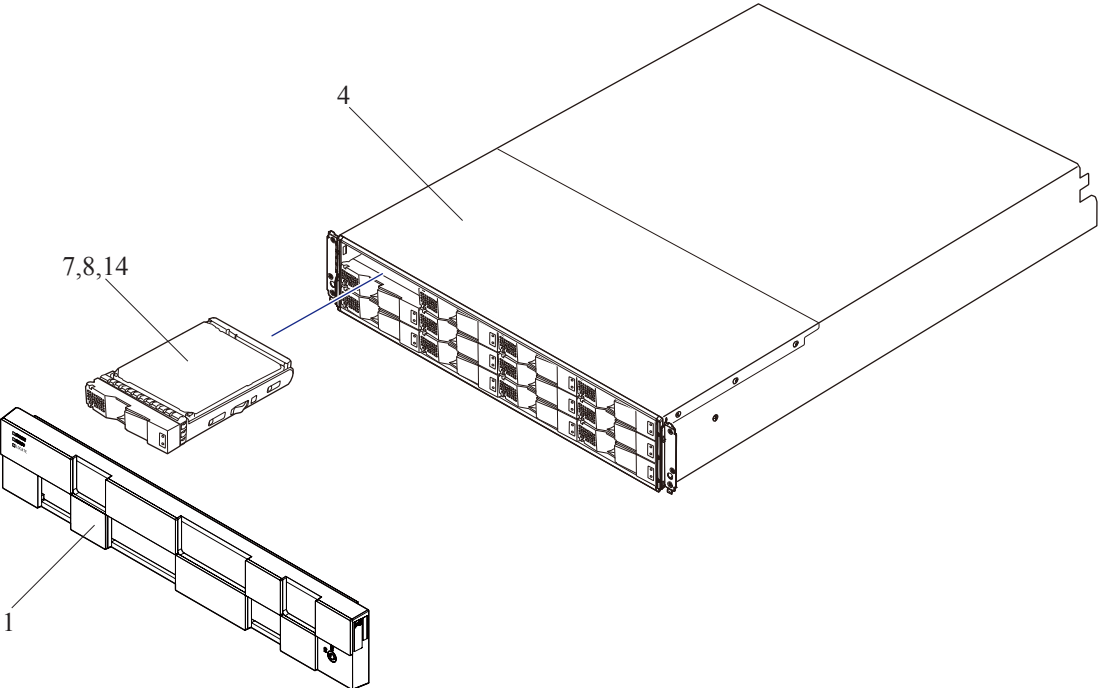
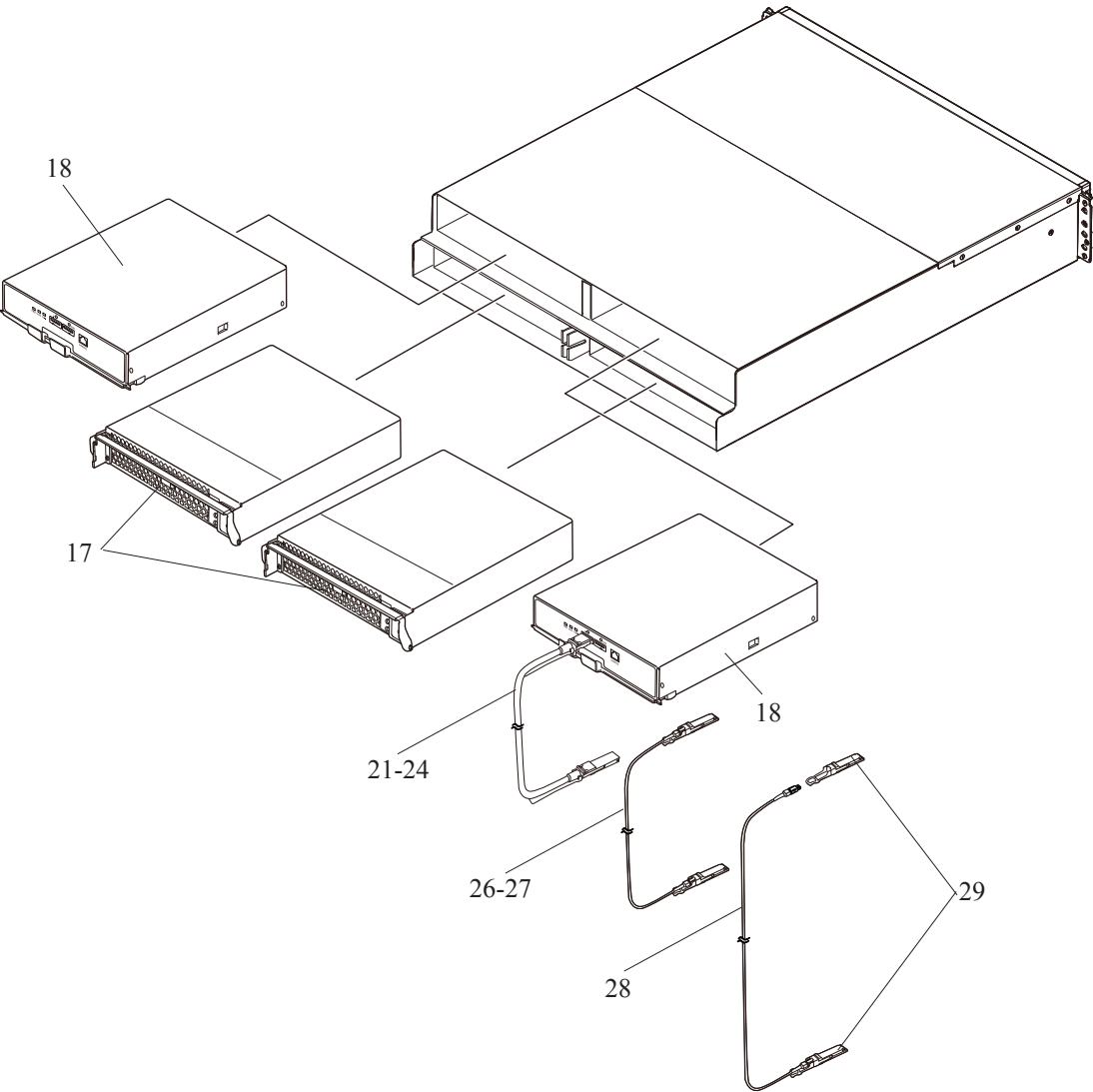


Figure 2-10 DBLC (2/2)



PARTS02-190

PARTS LIST 2-5 (Parts listed below is shown in [Figure 2-9](#) and [Figure 2-10](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
5-		DW-F800-DBLC		
1	5560002-A	• FRONT BEZEL	1	S.P
2				
3				
4	3290644-A	• DRIVE BOX	1	S.P
5				
6				
7	5560075-A	• Drive (6 TB, SAS, 3.5-inch) (DKC-F810I-6R0H9M)	0-12	S.P
8	5562395-A	• Drive (10 TB, SAS, 3.5-inch) (DKC-F810I-10RH9M)	0-12	S.P
9				
10				
11				
12				
13				
14	5552780-A	• DUMMY (DRIVE)	0-12	
15				
16				
17	3290647-P/ 3290647-K	• DBPS	2	S.P
18	3290646-A	• ENC	2	S.P
19				
20				
21	3290630-A	• SAS CABLE (1 m) (DW-F800-SCQ1)	2	S.P
22	3290631-A	• SAS CABLE (1.5 m) (DW-F800-SCQ1F)	2	S.P
23	3290632-A	• SAS CABLE (3 m) (DW-F800-SCQ3)	2	S.P
24	3290633-A	• SAS CABLE (5 m) (DW-F800-SCQ5)	2	S.P
25				
26	3290666-A	• SAS OPTICAL CABLE (10 m) (DW-F800-SCQ10A)	2	S.P

(To be continued)

(Continued from preceding sheet)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
27	3290667-A	• SAS OPTICAL CABLE (30 m) (DW-F800-SCQ30A)	2	S.P
28	3290723-A	• SAS OPTICAL CABLE (100 m) (DW-F800-SCQ1HA)	2	S.P
29	3290722-A	• Module for SAS OPTICAL CABLE (100 m)	2	S.P

2.6 DBSC

Figure 2-11 DBSC (1/2)

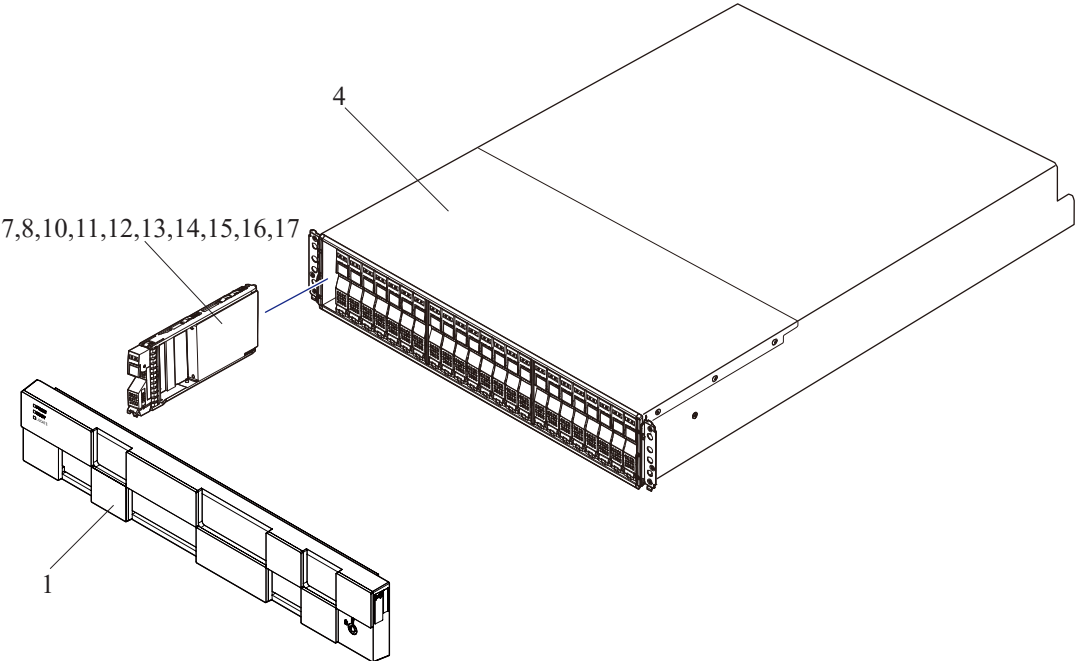
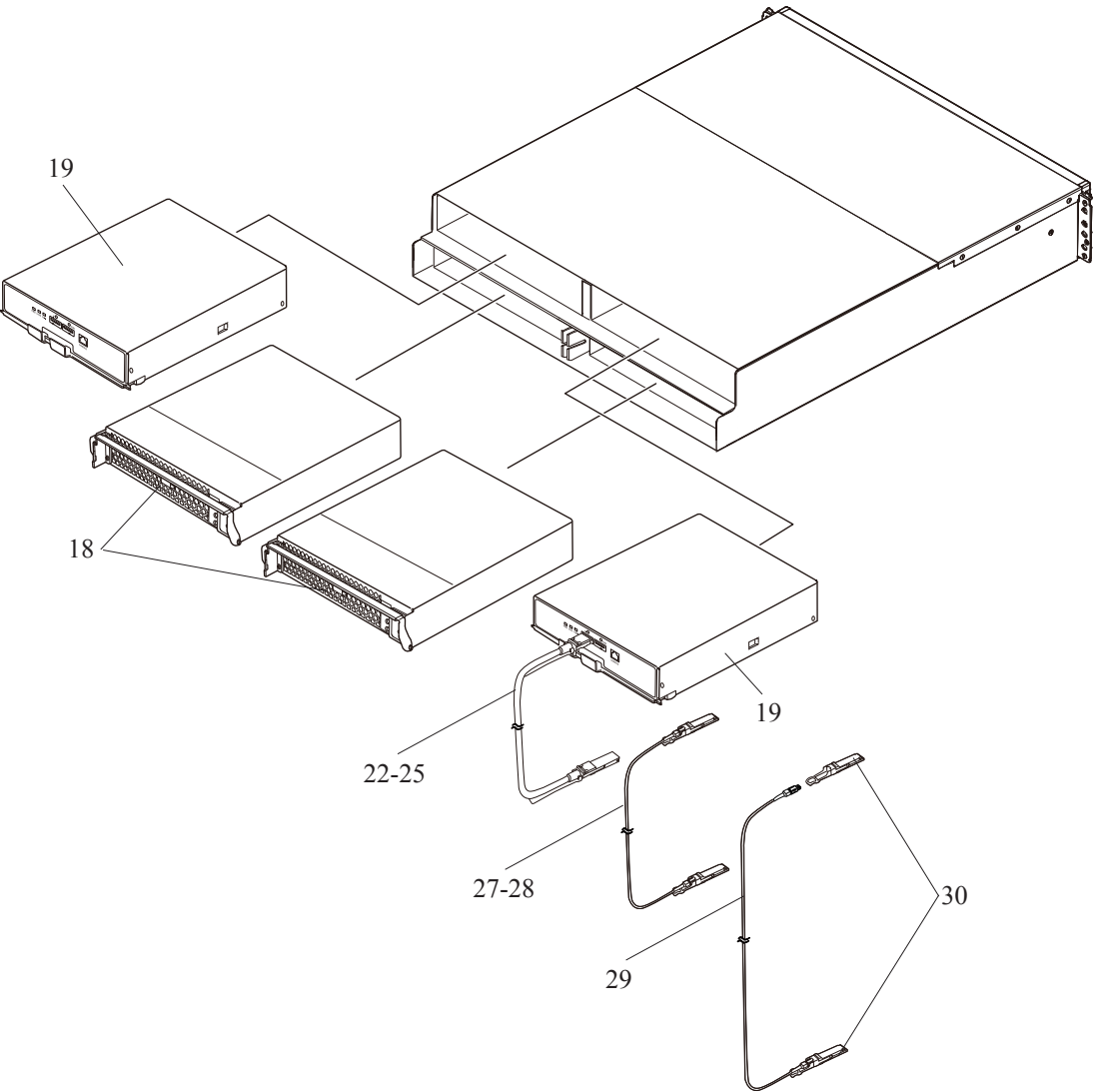


Figure 2-12 DBSC (2/2)



PARTS02-230

PARTS LIST 2-6 (Parts listed below is shown in [Figure 2-11](#) and [Figure 2-12](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
6-		DW-F800-DBSC		
1	5560002-A	• FRONT BEZEL	1	S.P
2				
3				
4	3290645-A	• DRIVE BOX	1	S.P
5				
6				
7	5552786-P	• Drive (600 GB, SAS, 2.5-inch) (DKC-F810I-600JCMC)	0-24	S.P
8	5552789-P	• Drive (1.2 TB, SAS, 2.5-inch) (DKC-F810I-1R2JCMC)	0-24	S.P
9				
10	5562956-A	• Drive (2.4 TB, SAS, 2.5-inch) (DKC-F810I-2R4JGM)	0-24	S.P
11	5562453-A	• Drive (480 GB, Flash Drive, 2.5-inch) (DKC-F810I-480MGM)	0-24	S.P
12	5562819-A	• Drive (960 GB, Flash Drive, 2.5-inch) (DKC-F810I-960MGM)	0-24	S.P
13	5562403-B	• Drive (1.9 TB, Flash Drive, 2.5-inch) (DKC-F810I-1R9MGM)	0-24	S.P
14	5562826-A	• Drive (3.8 TB, Flash Drive, 2.5-inch) (DKC-F810I-3R8MGM)	0-24	S.P
15	5563046-A	• Drive (7.6 TB, Flash Drive, 2.5-inch) (DKC-F810I-7R6MGM)	0-24	S.P
16	5563327-A	• Drive (15 TB, Flash Drive, 2.5-inch) (DKC-F810I-15RMGM)	0-24	S.P
17	5552779-A	• DUMMY (DRIVE)	0-24	
18	3290647-P/ 3290647-K	• DBPS	2	S.P
19	3290646-A	• ENC	2	S.P
20				
21				

(To be continued)

(Continued from preceding sheet)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
22	3290630-A	• SAS CABLE (1 m) (DW-F800-SCQ1)	2	S.P
23	3290631-A	• SAS CABLE (1.5 m) (DW-F800-SCQ1F)	2	S.P
24	3290632-A	• SAS CABLE (3 m) (DW-F800-SCQ3)	2	S.P
25	3290633-A	• SAS CABLE (5 m) (DW-F800-SCQ5)	2	S.P
26				
27	3290666-A	• SAS OPTICAL CABLE (10 m) (DW-F800-SCQ10A)	2	S.P
28	3290667-A	• SAS OPTICAL CABLE (30 m) (DW-F800-SCQ30A)	2	S.P
29	3290723-A	• SAS OPTICAL CABLE (100 m) (DW-F800-SCQ1HA)	2	S.P
30	3290722-A	• Module for SAS OPTICAL CABLE (100 m)	2	S.P

2.7 DB60C

Figure 2-13 DB60C (1/2)

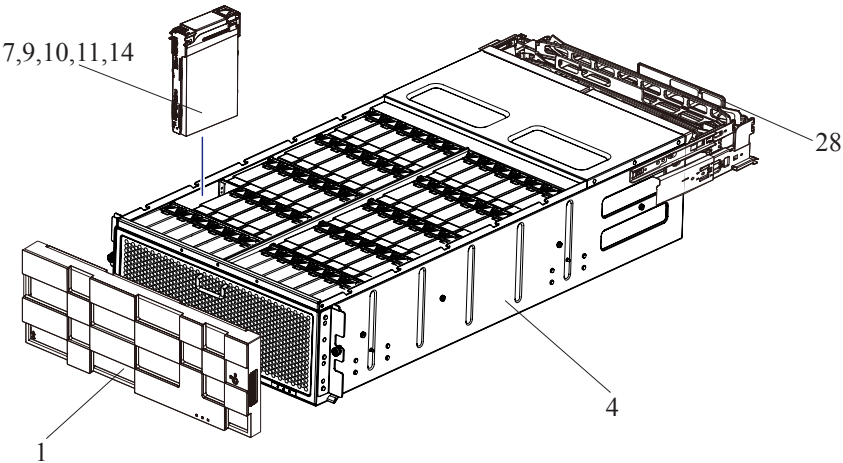
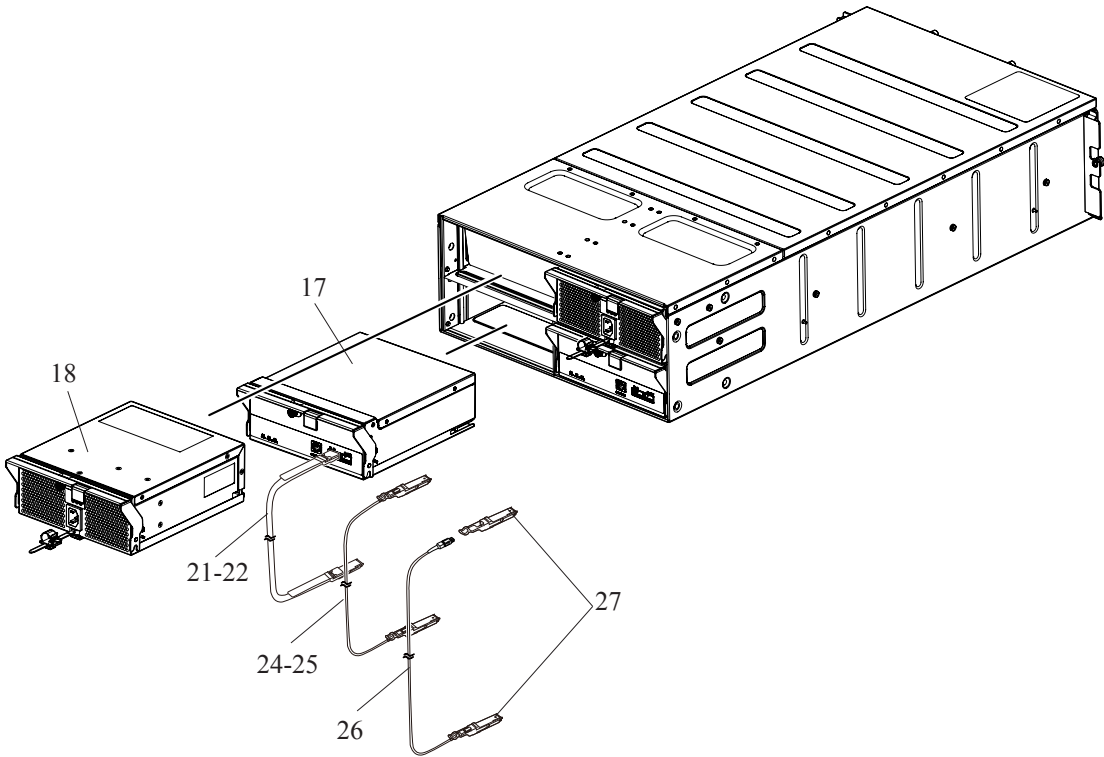


Figure 2-14 DB60C (2/2)



PARTS02-260

PARTS LIST 2-7 (Parts listed below is shown in [Figure 2-13](#) and [Figure 2-14](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
7-		DW-F800-DB60C		
1	5560139-A	• FRONT BEZEL	1	S.P
2				
3				
4	3289097-A	• DRIVE BOX	1	S.P
5				
6				
7	5559119-P	• Drive (1.2 TB, SAS, 3.5-inch) (DKC-F810I-1R2J7MC)	0-60	S.P
8				
9	5562957-A	• Drive (2.4 TB, SAS, 2.5-inch) (DKC-F810I-2R4J8M)	0-60	S.P
10	5560116-A	• Drive (6 TB, SAS7.2 K, 3.5-inch) (DKC-F810I-6R0HLM)	0-60	S.P
11	5562396-A	• Drive (10 TB, SAS, 3.5-inch) (DKC-F810I-10RHLM)	0-60	S.P
12				
13				
14	3285498-D	• DUMMY (DRIVE)	0-60	
15				
16				
17	3289097-D	• ENC	2	S.P
18	3285498-U/ 3292382-K	• DBPS	2	S.P
19				
20				
21	3290632-A	• SAS CABLE (3 m) (DW-F800-SCQ3)	4	S.P
22	3290633-A	• SAS CABLE (5 m) (DW-F800-SCQ5)	4	S.P
23				
24	3290666-A	• SAS OPTICAL CABLE (10 m) (DW-F800-SCQ10A)	4	S.P
25	3290667-A	• SAS OPTICAL CABLE (30 m) (DW-F800-SCQ30A)	4	S.P
26	3290723-A	• SAS OPTICAL CABLE (100 m) (DW-F800-SCQ1HA)	4	S.P

(To be continued)

PARTS02-270

(Continued from preceding sheet)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
27	3290722-A	• Module for SAS OPTICAL CABLE (100 m)	2	S.P
28	3285498-R	• CMA	1	S.P
29				

2.8 DBF

Figure 2-15 DBF (1/2)

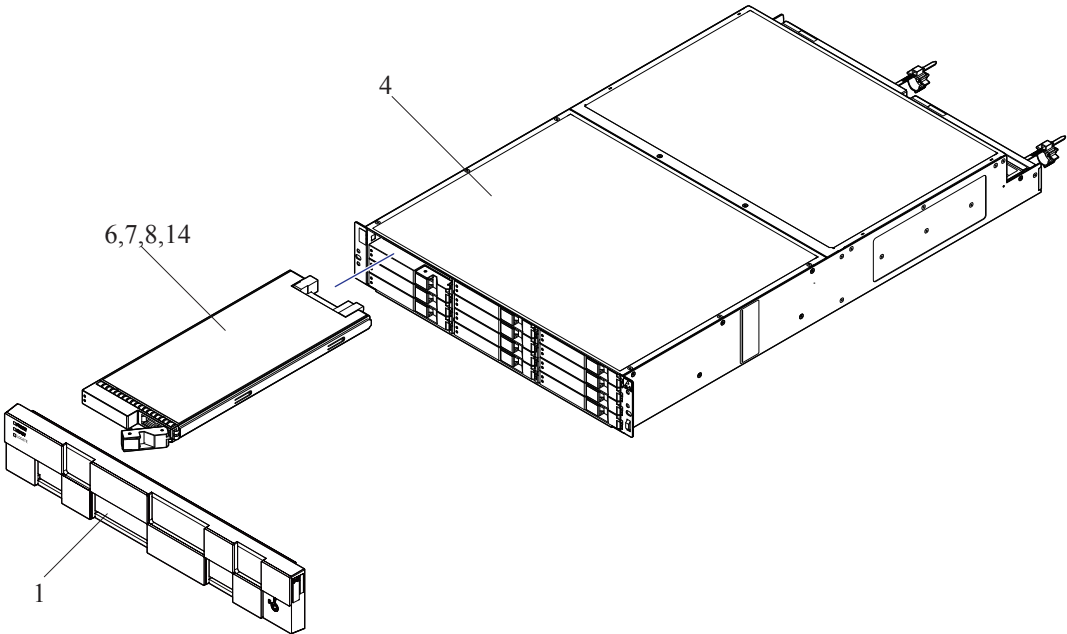
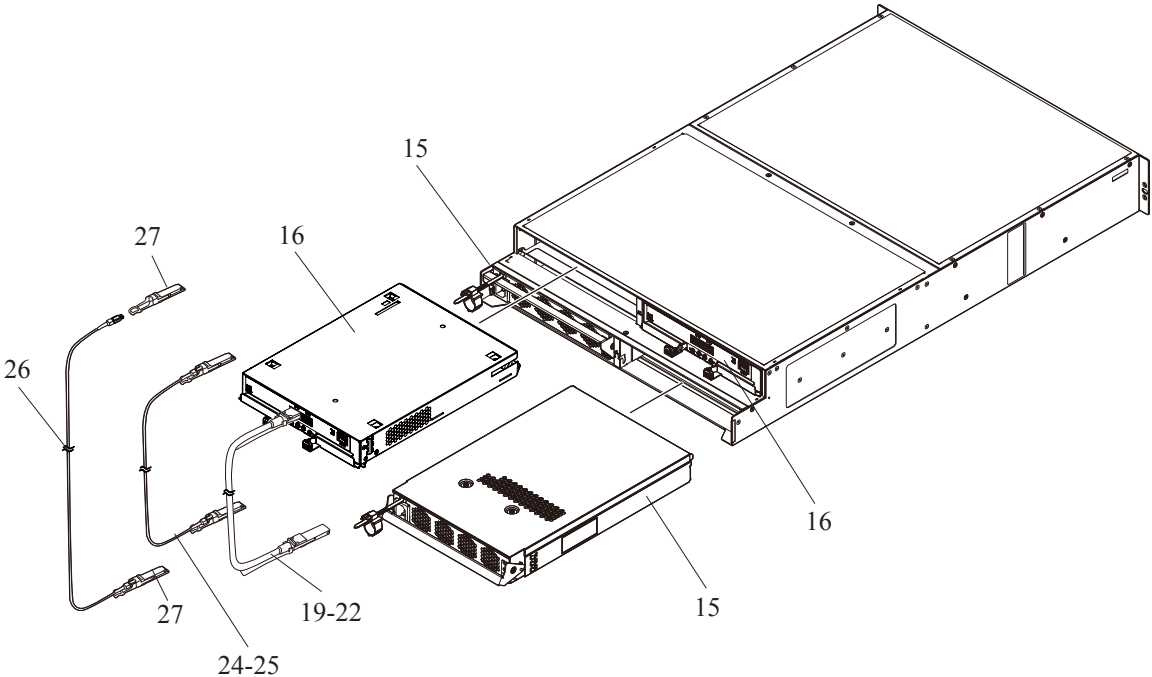


Figure 2-16 DBF (2/2)



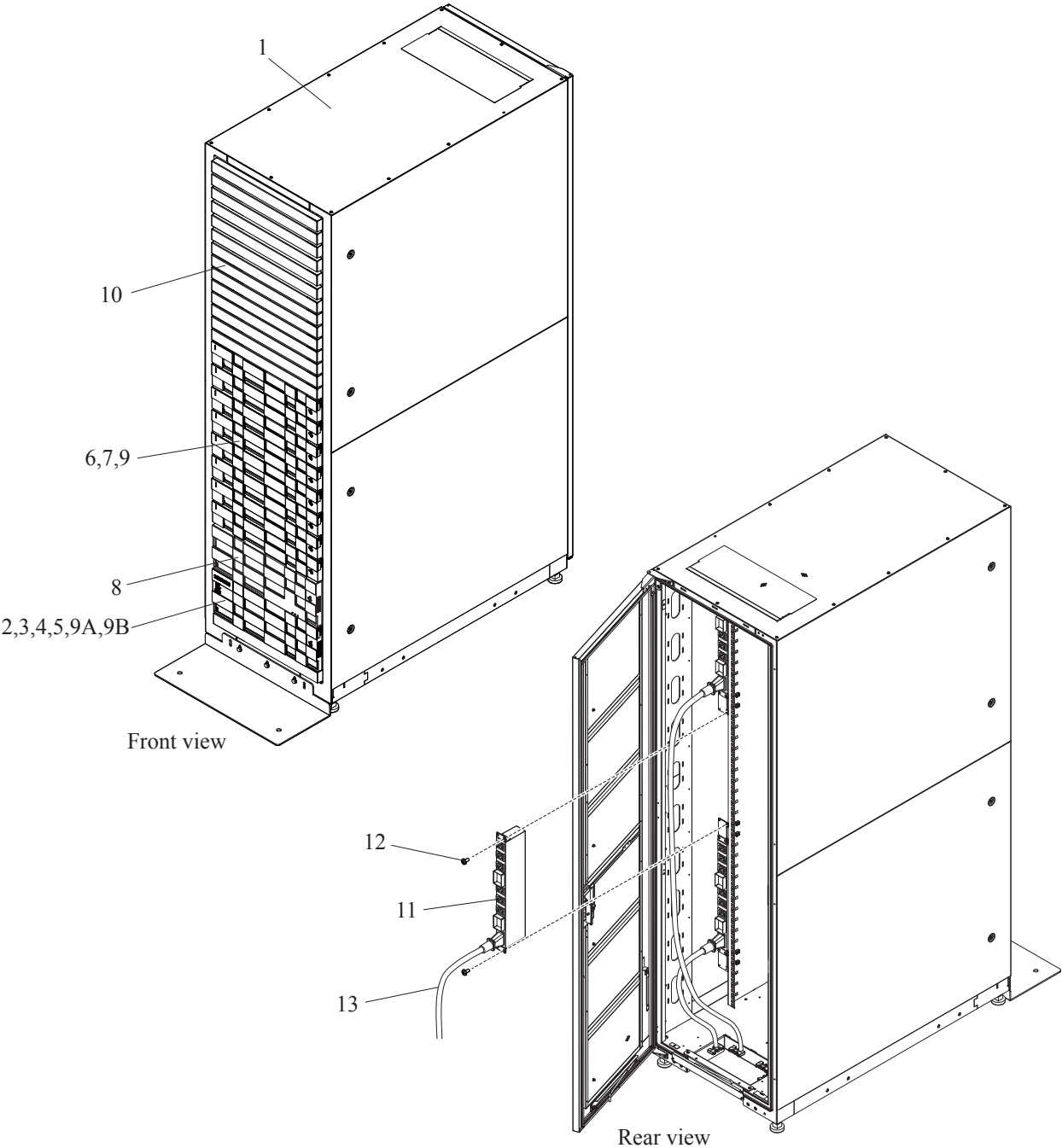
PARTS02-300

PARTS LIST 2-8 (Parts listed below is shown in [Figure 2-15](#) and [Figure 2-16](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
8-		DW-F800-DBF		
1	3286660-A	• FRONT BEZEL	1	S.P
2				
3				
4	3286657-A	• DRIVE BOX	1	S.P
5				
6	3286697-A	• Drive (3.5 TB, Flash Module Drive (FMD)) (DKC-F810I-3R2FN)	0-12	S.P
7	3286734-A	• Drive (7 TB, Flash Module Drive (FMD)) (DKC-F810I-7R0FP)	0-12	S.P
8	3286735-A	• Drive (14 TB, Flash Module Drive (FMD)) (DKC-F810I-14RFP)	0-12	S.P
9				
10				
11				
12				
13				
14	3286552-A	• DUMMY (FMD)	0-12	
15	3286659-A/ 3286659-K	• DBPS	2	S.P
16	3286658-A	• ENC	2	S.P
17				
18				
19	3290630-A	• SAS CABLE (1 m) (DW-F800-SCQ1)	2	S.P
20	3290631-A	• SAS CABLE (1.5 m) (DW-F800-SCQ1F)	2	S.P
21	3290632-A	• SAS CABLE (3 m) (DW-F800-SCQ3)	2	S.P
22	3290633-A	• SAS CABLE (5 m) (DW-F800-SCQ5)	2	S.P
23				
24	3290666-A	• SAS OPTICAL CABLE (10 m) (DW-F800-SCQ10A)	2	S.P
25	3290667-A	• SAS OPTICAL CABLE (30 m) (DW-F800-SCQ30A)	2	S.P
26	3290723-A	• SAS OPTICAL CABLE (100 m) (DW-F800-SCQ1HA)	2	S.P
27	3290722-A	• Module for SAS OPTICAL CABLE (100 m)	2	S.P

2.9 RKU

Figure 2-17 RKU Rack Frame



For information about the Hitachi Universal V2 rack used with HDS VSP storage systems, refer to the Hitachi Universal V2 Rack Reference Guide, MK-97RK000-00.

PARTS LIST 2-9 (Parts listed below is shown in [Figure 2-17.](#))

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
9-				
1		A-6516-RKU	1	
2		DW800-CBSS (Refer to "2.1 CBSS" .)	1	
3		DW800-CBSL (Refer to "2.2 CBSL" .)	1	
4		DW850-CBLH1 (Refer to "2.3 CBLH1" .)	1	
5		DW850-CBLH2 (Refer to "2.4 CBLH2" .)	1	
6		DW-F800-DBLC (Refer to "2.5 DBLC" .)	0-48	
7		DW-F800-DBSC (Refer to "2.6 DBSC" .)	0-48	
8		DW-F800-DB60C (Refer to "2.7 DB60C" .)	0-24	
9		DW-F800-DBF (Refer to "2.8 DBF" .)	0-48	
9A		DW850-CBXSS (Refer to "2.11 CBXSS")	1	
9B		DW850-CBXSL (Refer to "2.12 CBXSL")	1	
10	—	DECORATION PANEL (1U)	1-40	
11	—	• PDU (A-F6516-PDU6)	2-6	S.P
12	SB510N	• HEXAGON SOCKET BOLT (M5 × 8)	4-12	
13	—	• POWER CABLE (A-F6516-P620)	2-6	

2.10 CHBB

Figure 2-18 CHBB (1/2)

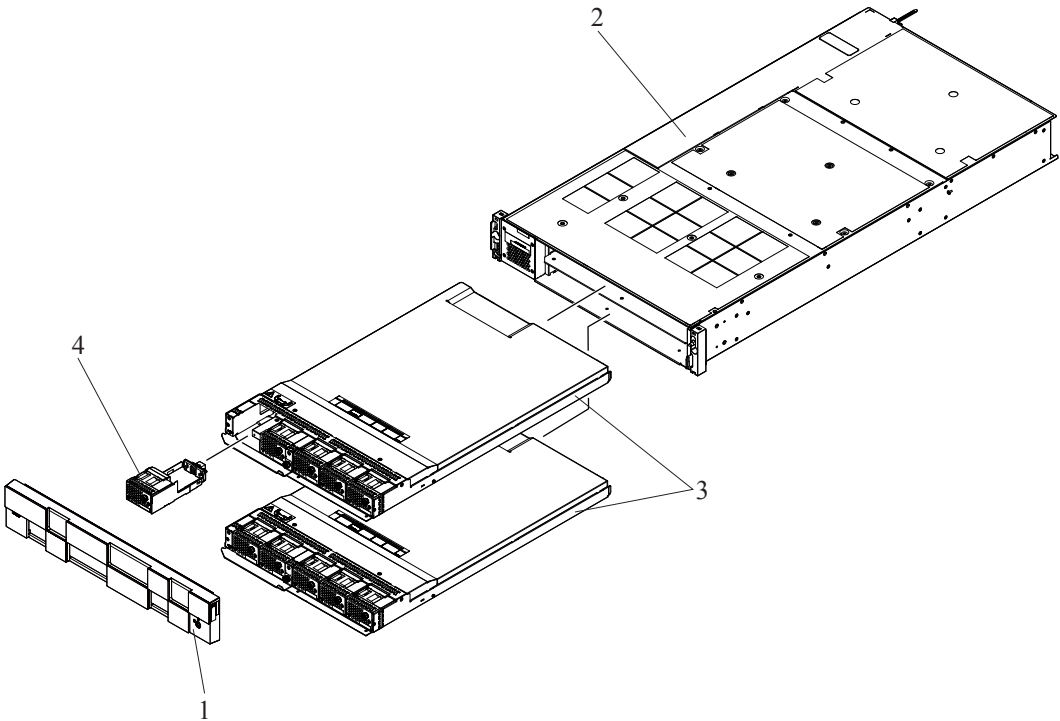
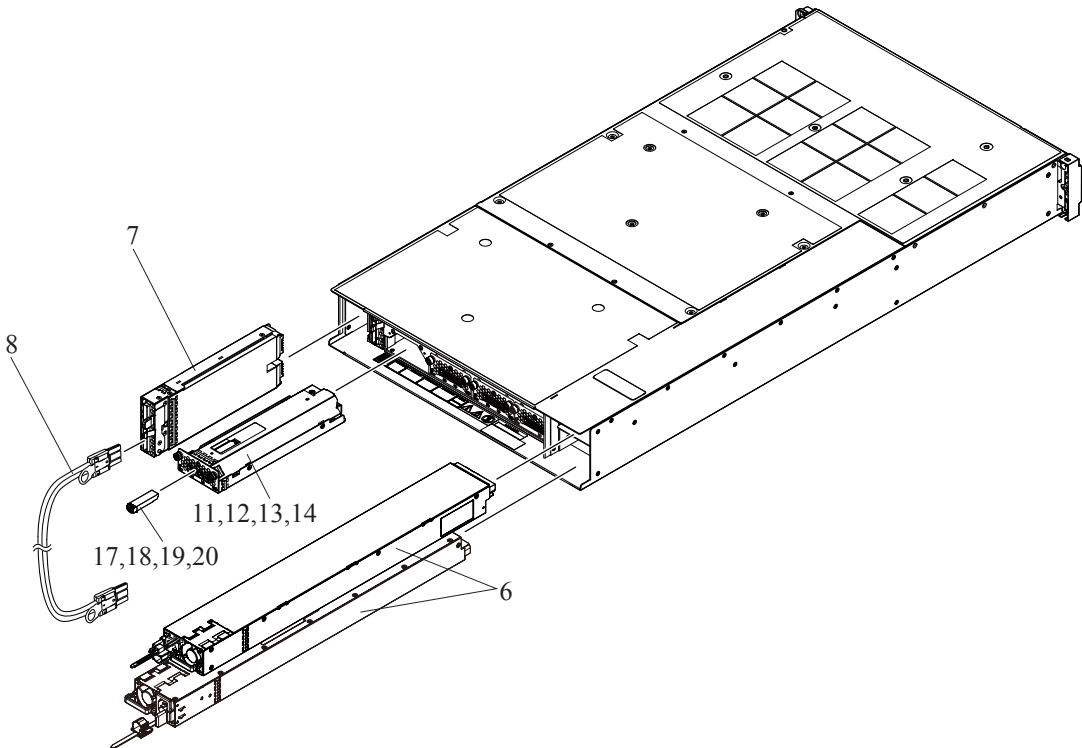


Figure 2-19 CHBB (2/2)



PARTS LIST 2-10 (Parts listed below is shown in [Figure 2-18](#) and [Figure 2-19](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
10-		DW-F800-CHBB		
1	5560931-A	• FRONT BEZEL	1	S.P
2	5560930-A	• CHANNEL BOARD BOX CHASSIS	1	S.P
3	5560933-A	• SWPK	2	S.P
4	5560934-A	• FAN	10	S.P
5				
6	3290737-A/ 3290737-K	• DKCPS (CHBB)	2	S.P
7	5560935-A	• PCP	2	S.P
8	3290994-A	• PCIe Cable	2-4	S.P
9				
10				
11	3292131-A	• CHANNEL BOARD (Optic 32 Gbps) (DW-F800-4HF32R)	2-8	S.P
12	3289048-A	• CHANNEL BOARD (iSCSI 10 Gbps Optic) (DW-F800-2HS10S)	2-8	S.P
13	3289049-A	• CHANNEL BOARD (iSCSI 10 Gbps Copper) (DW-F800-2HS10B)	2-8	S.P
14	2857420-001	• DUMMY (CHANNEL BOARD/DISK BOARD)	0-6	S.P
15				
16				
17	5552782-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps LongWave)	0-32	S.P
18	5552781-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps ShortWave)	0-32	S.P
19	5559354-A	• SMALL FORM-FACTOR PLUGGABLE (10 Gbps ShortWave)	0-16	S.P
20	5562178-A	• SMALL FORM-FACTOR PLUGGABLE (32 Gbps ShortWave)	0-16	S.P

2.11 CBXSS

Figure 2-20 CBXSS (1/2)

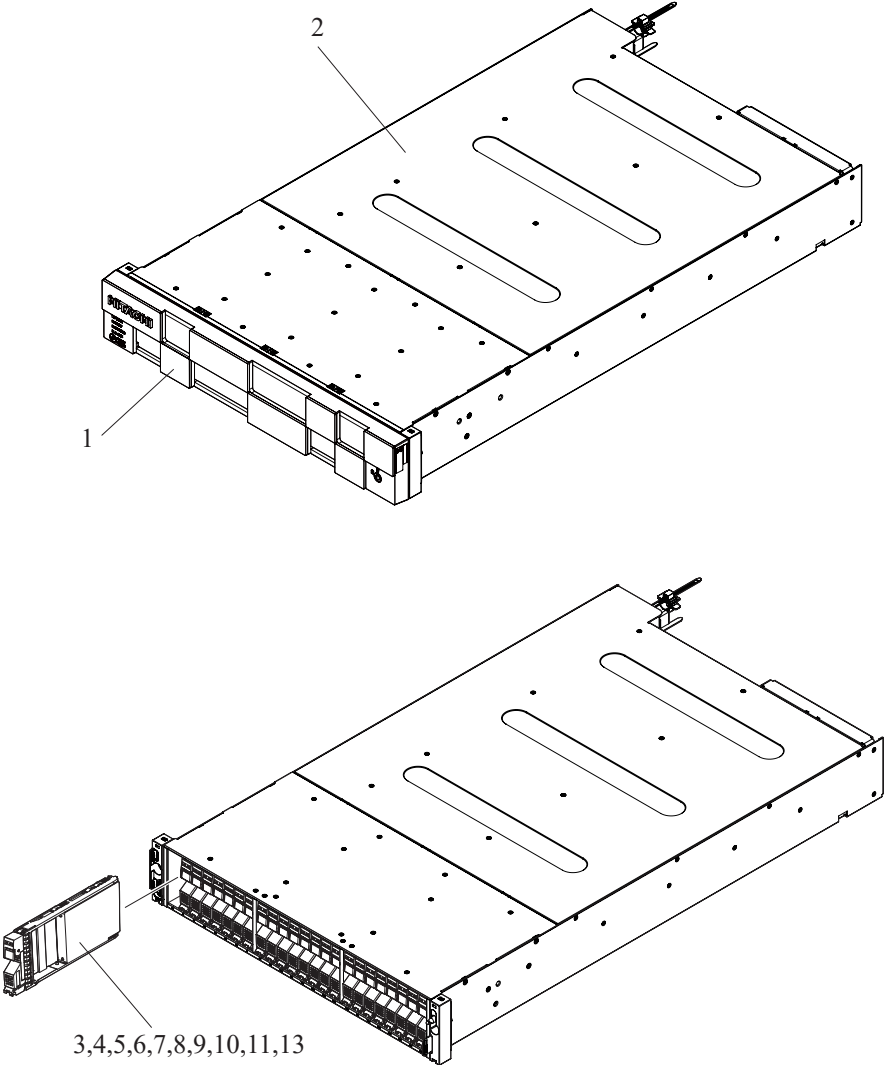
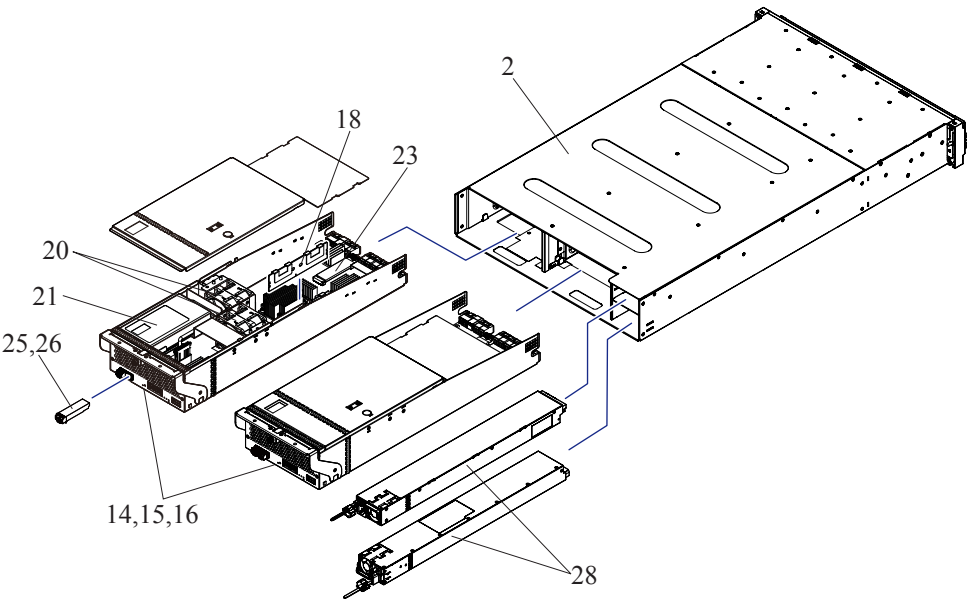


Figure 2-21 CBXSS (2/2)



PARTS02-370

PARTS LIST 2-11 (Parts listed below is shown in [Figure 2-20](#) and [Figure 2-21](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
11-		DW850-CBXSS		
1	5559125-A	• FRONT BEZEL	1	S.P
2	3290734-A	• CONTROLLER CHASSIS	1	S.P
3	5552786-P	• Drive (600 GB, SAS, 2.5-inch) (DKC-F810I-600JCMC)	0-24	S.P
4	5552789-P	• Drive (1.2 TB, SAS, 2.5-inch) (DKC-F810I-1R2JCMC)	0-24	S.P
5	5562956-A	• Drive (2.4 TB, SAS, 2.5-inch) (DKC-F810I-2R4JGM)	0-24	S.P
6	5562453-A	• Drive (480 GB, Flash Drive, 2.5-inch) (DKC-F810I-480MGM)	0-24	S.P
7	5562819-A	• Drive (960 GB, Flash Drive, 2.5-inch) (DKC-F810I-960MGM)	0-24	S.P
8	5562403-B	• Drive (1.9 TB, Flash Drive, 2.5-inch) (DKC-F810I-1R9MGM)	0-24	S.P
9	5562826-A	• Drive (3.8 TB, Flash Drive, 2.5-inch) (DKC-F810I-3R8MGM)	0-24	S.P
10	5563046-A	• Drive (7.6 TB, Flash Drive, 2.5-inch) (DKC-F810I-7R6MGM)	0-24	S.P
11	5563327-A	• Drive (15 TB, Flash Drive, 2.5-inch) (DKC-F810I-15RMGM)	0-24	S.P
12				
13	5552779-A	• DUMMY (DRIVE)	0-24	
14	3292405-A	• CONTROLLER BOARD (Fibre 16 G) (CTLXSFA)	2	S.P
15	3292406-A	• CONTROLLER BOARD (iSCSI 10 G Optic) (CTLXSSA)	2	S.P
16	3292407-A	• CONTROLLER BOARD (iSCSI Copper) (CTLXSCA)	2	S.P
17				
18	3292317-A	• CACHE MEMORY (16 GiB)	2	S.P
19				
20	3292409-A	• FAN	4	S.P
21	3289081-A	• Battery	2	S.P
22				
23	3292408-A	• CACHE FLASH MEMORY (BM05)	2	S.P
24				

(To be continued)

(Continued from the preceding page)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
25	5552781-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps ShortWave)	0-4	S.P
26	5559354-A	• SMALL FORM-FACTOR PLUGGABLE (10 Gbps ShortWave)	0-4	S.P
27				
28	3290737-A/ 3290737-K	• DKCPS	2	S.P

2.12 CBXSL

Figure 2-22 CBXSL (1/2)

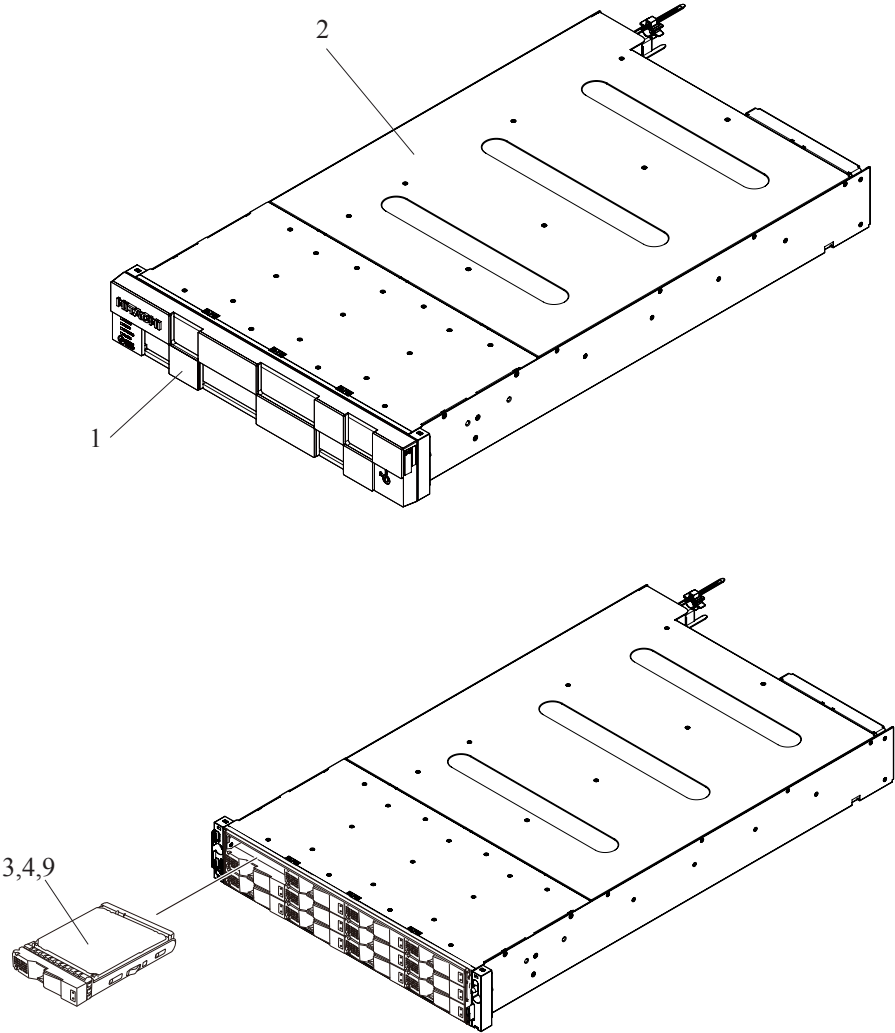
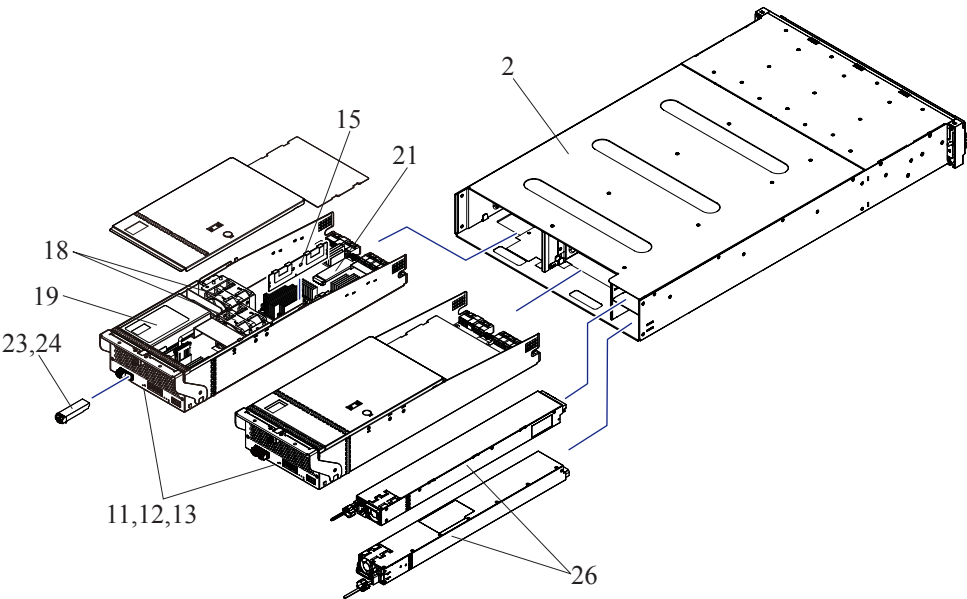


Figure 2-23 CBXSL (2/2)



PARTS02-410

PARTS LIST 2-12 (Parts listed below is shown in [Figure 2-22](#) and [Figure 2-23](#).)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
12-		DW850-CBXSL		
1	5559125-A	• FRONT BEZEL	1	S.P
2	3290734-B	• CONTROLLER CHASSIS	1	S.P
3	5560075-A	• Drive (6 TB, SAS, 3.5-inch) (DKC-F810I-6R0H9M)	0-12	S.P
4	5562395-A	• Drive (10 TB, SAS, 3.5-inch) (DKC-F810I-10RH9M)	0-12	S.P
5				
6				
7				
8				
9	5552780-A	• DUMMY (DRIVE)	0-12	
10				
11	3292405-A	• CONTROLLER BOARD (Fibre 16 G) (CTLXSFA)	2	S.P
12	3292406-A	• CONTROLLER BOARD (iSCSI 10 G Optic) (CTLXSSA)	2	S.P
13	3292407-A	• CONTROLLER BOARD (iSCSI Copper) (CTLXSCA)	2	S.P
14				
15	3292317-A	• CACHE MEMORY (16 GiB)	2	S.P
16				
17				
18	3292409-A	• FAN	4	S.P
19	3289081-A	• Battery	2	S.P
20				
21	3292408-A	• CACHE FLASH MEMORY (BM05)	2	S.P
22				
23	5552781-A	• SMALL FORM-FACTOR PLUGGABLE (16 Gbps ShortWave)	0-4	S.P
24	5559354-A	• SMALL FORM-FACTOR PLUGGABLE (10 Gbps ShortWave)	0-4	S.P
25				
26	3290737-A/ 3290737-K	• DKCPS	2	S.P

3. Maintenance Parts List and Storage of Battery

3.1 Maintenance Parts List

The maintenance parts list is shown below.

Table 3-1 Maintenance Parts List

No.	Parts name		Part number	Corresponding parts list number
1	Controller Chassis (CBXSS/CBSS)	Chassis (CBXSS/CBSS)	3290734-A	2-1, 2-11
2	Controller Chassis (CBXSL/CBSL)	Chassis (CBXSL/CBSL)	3290734-B	2-2, 2-12
3	Controller Chassis (CBLH1/CBLH2)	Chassis (CBLH1/CBLH2)	3292212-A	2-3, 2-4
4	DKCPS (CBXSS/CBXSL/CBSS/CBSL)	Power Supply Unit (CBXSS/CBXSL/CBSS/CBSL)	3290737-A/ 3290737-K	2-1, 2-2, 2-11, 2-12
5	DKCPS (CBLH)	Power Supply Unit (CBLH)	3289056-A/ 3289056-K	2-3, 2-4
6	Controller Board (16 G Fibre) (CTLXSFA)	Controller_Board (CTLXSFA)	3292405-A	2-11, 2-12
7	Controller Board (10 G iSCSI) (CTLXSSA)	Controller_Board (CTLXSSA)	3292406-A	2-11, 2-12
8	Controller Board (iSCSI Copper) (CTLXSCA)	Controller_Board (CTLXSCA)	3292407-A	2-11, 2-12
9	Controller Board H (CBSS/CBSL)	Controller_Board H (CBSS/CBSL)	3292323-A	2-1, 2-2
10	Controller Board H (CBSS/CBSL) Encryption	Controller_Board H (CBSS/CBSL) Encryption	3292323-B	2-1, 2-2
11	Controller Board SH (CBSS/CBSL)	Controller_Board SH (CBSS/CBSL)	3292324-A	2-1, 2-2
12	Controller Board SH (CBSS/CBSL) Encryption	Controller_Board SH (CBSS/CBSL) Encryption	3292324-B	2-1, 2-2
13	Controller Board (CBLH1)	Controller_Board (CBLH1)	3292321-A	2-3
14	Controller Board (CBLH2)	Controller_Board (CBLH2)	3292320-A	2-4
15	BKM	BKM (CBSS/CBSL)	3290735-A	2-1, 2-2
16	BKMF	BKMF (CBLH1/CBLH2)	3292322-A	2-3, 2-4
17	Battery (*1)	HM-BATTERY	3289081-A	2-3, 2-4, 2-11, 2-12
18	FAN	FAN (CBXSS/CBXSL)	3292409-A	2-11, 2-12
19	FAN	FAN (CBSS/CBSL)	3292301-A	2-1, 2-2
20	LANB	LANB (CBLH1/CBLH2)	3289044-A	2-3, 2-4
21	CFM (BM05)	Cache Flash Memory (BM05)	3292408-A	2-11, 2-12
22	CFM (BM15)	Cache Flash Memory (BM15)	3292314-A	2-1, 2-2
23	CFM (BM35)	Cache Flash Memory (BM35)	3292315-A	2-3, 2-4
24	CFM (BM45)	Cache Flash Memory (BM45)	3292315-B	2-4

(To be continued)

*1: Follow [“3.2 Storage of Battery”](#) for the storage period of the batteries.

(Continued from the preceding page)

No.	Parts name		Part number	Corresponding parts list number
25	Bezel (CBXSS/CBXSL/CBSS/CBSL)	Front Bezel (CBXSS/CBXSL/CBSS/CBSL)	5559125-A	2-1, 2-2, 2-11, 2-12
26	Bezel (CBLH1/CBLH2)	Front Bezel (CBLH1/CBLH2)	5559126-A	2-3, 2-4
27	Bezel (DBSC/DBLC)	Front Bezel (DBS/DBL)	5560002-A	2-5, 2-6, 2-8
28	Bezel (DB60C)	Front Bezel (DB60)	5560139-A	2-7
29	Bezel (DBF)	Front Bezel (DBF)	3286660-A	2-8
30	Cache Memory (16 G)	Cache Memory (CM16G)	3292317-A	2-1, 2-2, 2-3, 2-11, 2-12
31	Cache Memory (32 G)	Cache Memory (CM32G)	3292318-A	2-1, 2-2, 2-3, 2-4
32	Cache Memory (64 G)	Cache Memory (CM64G)	3292319-A	2-1, 2-2, 2-4
33	CHB (FC 32 Gbps)	Fibre 32 Gbps Channel Board	3292131-A	2-1, 2-2, 2-3, 2-4, 2-10
34	CHB (iSCSI 10 Gbps (Optic))	iSCSI 10 Gbps Optic Channel Board	3289048-A	2-1, 2-2, 2-3, 2-4, 2-10
35	CHB (iSCSI 10 Gbps (Copper))	iSCSI 10 Gbps Copper Channel Board	3289049-A	2-1, 2-2, 2-3, 2-4, 2-10
36	CHB (PCIe)	PCIe Channel Board	3289195-A	2-4
37	SFP 16 Gbps Longwave	SFP for 16 Gbps Longwave	5552782-A	2-1, 2-2, 2-3, 2-4, 2-10
38	SFP 16 Gbps Shortwave	SFP for 16 Gbps Shortwave	5552781-A	2-1, 2-2, 2-3, 2-4, 2-10, 2-11, 2-12
39	SFP 32 Gbps Shortwave	SFP for 32 Gbps Shortwave	5562178-A	2-1, 2-2, 2-3, 2-4, 2-10
40	SFP 10 Gbps Shortwave	SFP for 10 Gbps Shortwave	5559354-A	2-1, 2-2, 2-3, 2-4, 2-10, 2-11, 2-12
41	DKB	Disk Board	3289045-A	2-3, 2-4
42	DKB (Encryption)	Disk Board (Encryption)	3289094-A	2-3, 2-4
43	Drive Box (DBSC)	Chassis (DBSC)	3290645-A	2-6
44	Drive Box (DBLC)	Chassis (DBLC)	3290644-A	2-5
45	Drive Box (DB60C)	Chassis (DB60C)	3289097-A	2-7
46	Drive Box (DBF)	Chassis (DBF)	3286657-A	2-8
47	DBPS (DBSC/DBLC)	Power Supply Unit (DBSC/DBLC)	3290647-P/ 3290647-K	2-5, 2-6

(To be continued).

PARTS03-30

(Continued from the preceding page)

No.	Parts name		Part number	Corresponding parts list number
48	DBPS (DB60C)	Power Supply Unit (DB60C)	3285498-U/ 3292382-K	2-7
49	DBPS (DBF)	Power Supply Unit (DBF)	3286659-A/ 3286659-K	2-8
50	ENC (DBSC/DBLC)	I/O Card for DBSC/DBLC	3290646-A	2-5, 2-6
51	ENC (DB60C)	I/O Card for DB60C	3289097-D	2-7
52	ENC (DBF)	I/O Card for DBF	3286658-A	2-8
53	SFF Disk Drive (for CBXSS/CBSS/DBS) (600 GB/10 kmin ⁻¹ 2.5-inch (12 Gbps SAS))	DKS5E-J600SS/DKS5H-J600SS/ DKS5K-J600SS/DKR5D-J600SS/ DKR5G-J600SS	5552786-P	2-1, 2-6, 2-11
54	SFF Disk Drive (for CBXSS/CBSS/DBS) (1.2 TB/10 kmin ⁻¹ 2.5-inch (12 Gbps SAS))	DKS5F-J1R2SS/DKS5H-J1R2SS/ DKS5K-J1R2SS/DKR5E-J1R2SS/ DKR5G-J1R2SS	5552789-P	2-1, 2-6, 2-11
55	SFF Disk Drive (for DB60) (1.2 TB/10 kmin ⁻¹ 2.5-inch (12 Gbps SAS))	DKS5H-J1R2SS/DKS5K-J1R2SS/ DKR5E-J1R2SS/DKR5G-J1R2SS	5559119-P	2-7
56	SFF Disk Drive (for CBXSS/CBSS/DBS) (2.4 TB/10 kmin ⁻¹ 2.5-inch (12 Gbps SAS))	DKS5K-J2R4SS	5562956-A	2-1, 2-6, 2-11
57	SFF Disk Drive (for DB60) (2.4 TB/10 kmin ⁻¹ 2.5-inch (12 Gbps SAS))	DKS5K-J2R4SS	5562957-A	2-7
58	LFF Disk Drive (for CBXSL/CBSL/DBL) (6 TB/7200 min ⁻¹ 3.5-inch (12 Gbps SAS))	DKR2G-H6R0SS/DKS2F-H6R0SS/ DKS2H-H6R0SS	5560075-A	2-2, 2-5, 2-12
59	LFF Disk Drive (for DB60) (6 TB/7200 min ⁻¹ 3.5-inch (12 Gbps SAS))	DKR2G-H6R0SS/DKS2F-H6R0SS/ DKS2H-H6R0SS	5560116-A	2-7
60	LFF Disk Drive (for CBXSL/CBSL/DBL) (10 TB/7200 min ⁻¹ 3.5-inch (12 Gbps SAS))	DKR2H-H10RSS	5562395-A	2-2, 2-5, 2-12
61	LFF Disk Drive (for DB60) (10 TB/7200 min ⁻¹ 3.5-inch (12 Gbps SAS))	DKR2H-H10RSS/DKS2J-H10RSS	5562396-A	2-7
62	SFF Flash Drive (for CBXSS/CBSS/DBS) (480 GB SAS-SSD)	SLB5F-M480SD/SLB5G-M480SD	5562453-A	2-1, 2-6, 2-11
63	SFF Flash Drive (for CBXSS/CBSS/DBS) (960 GB SAS-SSD)	SLB5F-M960SD/SLB5G-M960SS	5562819-A	2-1, 2-6, 2-11

(To be continued)

PARTS03-40

(Continued from the preceding page)

No.	Parts name		Part number	Corresponding parts list number
64	SFF Flash Drive (for CBXSS/CBSS/DBS) (1.9 TB SAS-SSD)	SLB5E-M1R9SD/SLB5G-M1R9SS	5562403-B	2-1, 2-6, 2-11
65	SFF Flash Drive (for CBXSS/CBSS/DBS) (3.8 TB SAS-SSD)	SLB5F-M3R8SS/SLB5G-M3R8SS/ SLR5E-M3R8SS	5562826-A	2-1, 2-6, 2-11
66	SFF Flash Drive (for CBXSS/CBSS/DBS) (7.6 TB SAS-SSD)	SLB5G-M7R6SS/SLR5E-M7R6SS	5563046-A	2-1, 2-6, 2-11
67	SFF Flash Drive (for CBXSS/CBSS/DBS) (15 TB SAS-SSD)	SLB5H-M15RSS	5563327-A	2-1, 2-6, 2-11
68	Flash Module Drive (for DBF) (3.5 TB (FMD) (12 Gbps SAS))	NFHAE-Q3R2SS	3286697-A	2-8
69	Flash Module Drive (for DBF) (7 TB (FMD) (12 Gbps SAS))	NFHAF-Q6R4SS/NFHAI-Q6R4SS/ NFHAJ-Q6R4SS	3286734-A	2-8
70	Flash Module Drive (for DBF) (14 TB (FMD) (12 Gbps SAS))	NFHAF-Q13RSS/NFHAI-Q13RSS/ NFHAJ-Q13RSS	3286735-A	2-8
71	Dummy (CBXSS/CBSS/DBS)	Dummy Drive (CBXSS/CBSS/DBS)	5552779-A	2-1, 2-6, 2-11
72	Dummy (CBXSL/CBSL/DBL)	Dummy Drive (CBXSL/CBSL/DBL)	5552780-A	2-2, 2-5, 2-12
73	Dummy (DB60)	Dummy Drive (DB60)	3285498-D	2-7
74	Dummy (DBF)	Dummy Drive (DBF)	3286552-A	2-8
75	SAS Cable (1 m)	Device I/F Cable 1 m	3290630-A	2-5, 2-6, 2-8
76	SAS Cable (1.5 m)	Device I/F Cable 1.5 m	3290631-A	2-5, 2-6, 2-8
77	SAS Cable (3 m)	Device I/F Cable 3 m	3290632-A	2-5, 2-6, 2-7, 2-8
78	SAS Cable (5 m)	Device I/F Cable 5 m	3290633-A	2-5, 2-6, 2-7, 2-8
79	SAS Optical Cable (10 m)	Device I/F Optical Cable 10 m	3290666-A	2-5, 2-6, 2-7, 2-8
80	SAS Optical Cable (30 m)	Device I/F Optical Cable 30 m	3290667-A	2-5, 2-6, 2-7, 2-8
81	SAS Optical Cable (100 m)	Device I/F Optical Cable 100 m	3290723-A	2-5, 2-6, 2-7, 2-8
82	Module for SAS Optical Cable (100 m)	SAS Module	3290722-A	2-5, 2-6, 2-7, 2-8
83	Cable Management Arm	CMA	3285498-R	2-7
84	Bezel (CHBB)	Front Bezel (CHBB)	5560931-A	2-10
85	Channel Board Box Chassis	Chassis (CHBB)	5560930-A	2-10
86	Switch Package	SWPK	5560933-A	2-10
87	CHBBFAN	FAN (CHBB)	5560934-A	2-10
88	DKCPS (CHBB)	Power Unit (CHBB)	3290737-A/ 3290737-K	2-10
89	PCIe-cable Connecting Package	PCP	5560935-A	2-10
90	PCIe Cable	PCIe Cable	3290994-A	2-10

3.2 Storage of Battery

1. Method of storage

Table 3-2 Storage Method

No.	Item	Requirement
1	Storage method	Store a Battery being packed in the following conditions. • Do not apply it any unusual vibration or shock. • Do not put it on its side. • Keep the battery in a place where the temperature is at 25 °C or less in average.
2	Storage limitation	The storage limitation is up to the date displayed on the expiration date label.
3	Stock management (*1)	Manage stored batteries in the way of FIFO. Since a label for entering the expiration date is affixed on each package, utilize it.
*1 : When replacing the Batteries, check the expiration date of it following “ 2. Checking the deadline of maintenance part ”.		

2. Checking the deadline of maintenance part

If the battery is left uncharged for longer than six months, it will discharge excessively and becomes unable to be fully recharged. Therefore, when the battery is stored as maintenance parts, the charge management is required under the following conditions.

In the case of the Batteries, it is necessary to use it within one year. (Since the Batteries mounted on the Storage System are charged while the Storage System power is on, no problem will occur.)

Table 3-3 Term of Maintenance Part

No.	Items	Condition
		Battery
1	Long-term storage limitation	One year
2	Storage temperature	25 °C or less in average
3	Supplemental charge interval	Once in six months

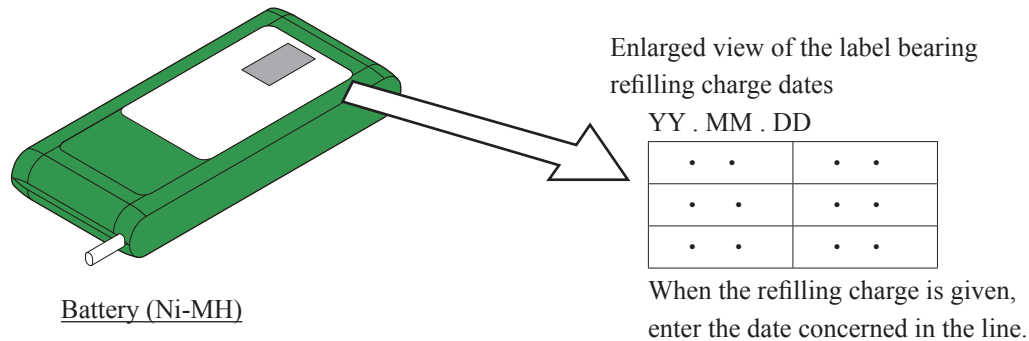
3. Check of battery being stored (Batteries installed in the stored Rack are included)

(1) BKM/BKMF/CTLXS battery

Allowable storage period and specifications for refilling charge of Batteries stored as maintenance parts are shown in the following table.

Figure 3-1 Storage Period and Refilling Charge Specifications for Spare Batteries

Label (Refilling Charge Dates)



Date of the latest refilling charge			Shipment from the factory			The first refilling charge			The second refilling charge)						
▽			▽			▽			▽						
Months elapsed	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
			Allowable period of storage at the HDS/HPE: 12 months at the longest												
	Period of storage at the factory: 3 months at the longest (①)		Period of storage at the HDS/HPE: 6 months (②)						Period of storage at the HDS/HPE: 6 months (③)						
						➡ Discard the battery when it has been stored for 9 months (① + ②) after the latest refilling charge.			➡ Discard the battery when it has been stored for 6 months (③) after the first refilling charge.						

Table 3-1 Specifications for Spare Batteries

No.	Allowable storage period	Time when refilling charge is to be done	Method of refilling charge
1	Six months (when stored at 25° C or lower)	Refer to Figure 3-1 .	Mount the battery in the Controller Board and apply power to it for longer than 3 hours.

4. Maintenance Tool List

Table 4-1 shows Maintenance Tool List and Table 4-2 shows Special Maintenance Tool List.

Table 4-1 Maintenance Tool List

Tool Name	Specification	Remarks
Monkey wrench	100 mm	Used for installation, maintenance, troubleshooting, and parts replacement.
Monkey wrench	300 mm	
Hexagon wrench key set	1.27, 1.4, 1.58, 2.0, 2.5, 3.0, 4.0, 5.0, 6.0, 8.0 mm	
Box driver set	4.0, 5.5, 6.0, 7.0, 8.0, 10.0 mm	
Stubby driver set (PHILIPS TYPE)	No. 2 x 38	
Screw driver set (STRAIGHT TYPE)		
Long screw driver	250 mm (excluding the grip) for M6 or M8 (No.3)	
Insulated cutting pliers	175 mm	
Insulated radio pliers	150 mm	
Insulated cutting nipper	150 mm	Used for inspection
Pincette	125 mm	
Digital voltmeter	AC, DC, OHM	
Maintenance PC	Refer to MAINTENANCE PC SECTION "1. Maintenance PC Setup".	Used for maintenance

Table 4-2 Special Maintenance Tool List

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.
OnlineDumpTool		–	When replacing the maintenance parts, use for the dump collection.
Dummy Canister (Dummy (Drive))		5552779-A	This must be inserted for all empty drive slots to generate stable airflow inside the Drive Box (DBS) for efficient cooling.
Dummy Canister (Dummy (Drive))		5552780-A	This must be inserted for all empty drive slots to generate stable airflow inside the Drive Box (DBL) for efficient cooling.
Dummy Adapter (Dummy (Drive))		3285498-D	This must be inserted for all empty drive slots to generate stable airflow inside the Drive Box (DB60) for efficient cooling.
Dummy FMD		3286552-A	This must be inserted for all empty FMD slots to generate stable airflow inside the Drive Box (DBF) for efficient cooling.
DEEFS Tool	1. Polyethylene bag (For disassembly)	5533500-G	A DEEFS (Disk Drive Data Erasure) tool consists of one formulas each of the part 1 to 3. After replacing the HDD/SSD at maintenance, it is used for erasing data in removed HDD/SSD.
	2. DEEFS tool	5533500-H	
	3. P_DEEFS	5547002-A	

*1: ITPF does not supply the above described Special Tools marked with (*1).
Please try to purchase them locally.