

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	DKU	PARTS02-10 through 02-70
2	DKC	PARTS03-10 through 03-90
3	PCBs and Memory Modules	PARTS04-10 through 04-70
4	Cable Assemblies	PARTS05-10 through 05-90
5	Spare Parts	PARTS06-10 through 06-40

2. Tool list

This list shows tools necessary to exchange a part or to troubleshoot DKC460I and DKU455I.

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.

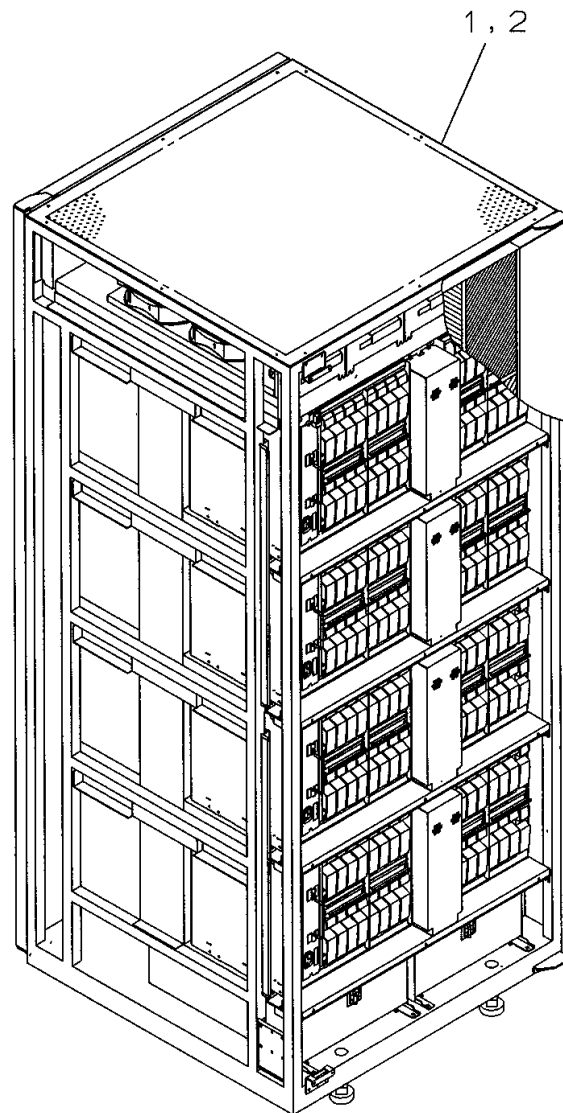
2 PARTS LIST OF DKU455I

Fig. 2-1 DKU ASSY

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

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
1	1506890-A	RAID450 DKU	1	
2	1506891-A	DKU MAIN ASSY	1	

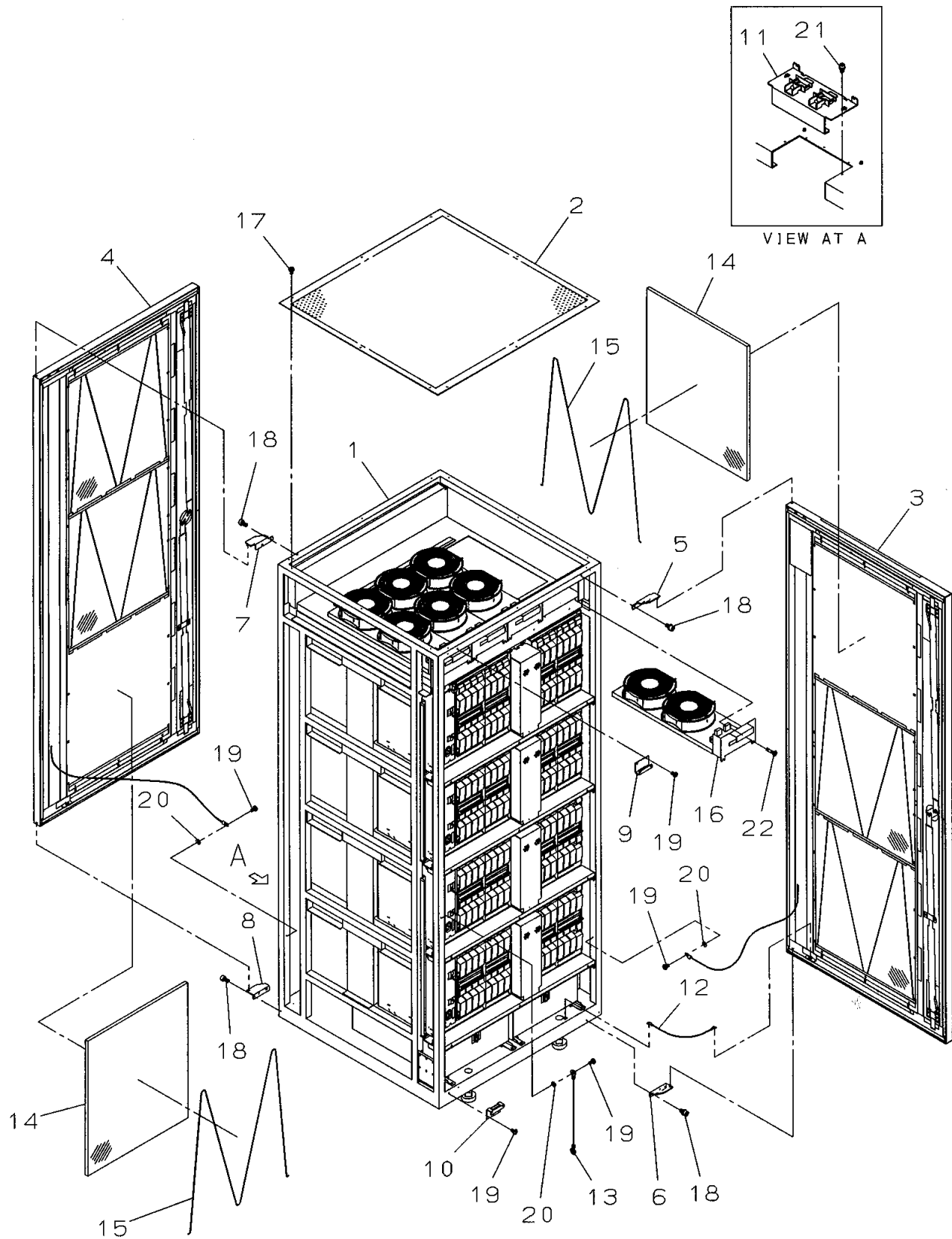


Fig. 2-2 DKU SUB ASSY

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

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
3-1	15066393-B	DKU SUB ASSY	1	NOTE.1
2	3261949-1	• TOP COVER	1	
3	3265623-B, E, F	• DOOR ASSY (DKU)	1	
4	3265624-B, E, F	• REAR DOOR ASSY	1	NOTE.1
5	5513793-B	• HINGE ASM (F-U)	1	
6	5513792-B	• HINGE ASM (F-L)	1	
7	5513795-A	• HINGE ASM (R-U)	1	
8	5513794-A	• HINGE ASM (R-L)	1	
9	5510894-1	• STOPPER (LATCH)	2	
10	5510894-2	• STOPPER (LATCH)	2	
11	3263076-B, C	• STR ASSY	1	
12	3210567-101	• WIRE ROPE (STOPPER)	2	
13	5473095-A	• CABLE ASSY (GND)	1	
14	3263247-2	• FILTER (DKC460)	6	
15	3263315-1	• STOPPER (FILTER-SC)	6	
16	5513858-A	• HDD FAN ASSY	4	S.P
17	3183101-1	• HWA BIND SCREW	12	
18	BS510N	• SOCKET BOLT (NI)	8	
19	SB408N	• BIND SCREW (NI)	11	
20	WT004N	• LOCK WASHER (NI)	3	
21	3261959-408	• WA SOCKET BOLT	4	
22	5513661-425	• SCREW (STOPPER) NI	8	

NOTE.1 : P/N-B: DKU455I-18P

P/N-E: DKU455I-18/DKU-F455I-DH

P/N-F: DKU-F455I-DS

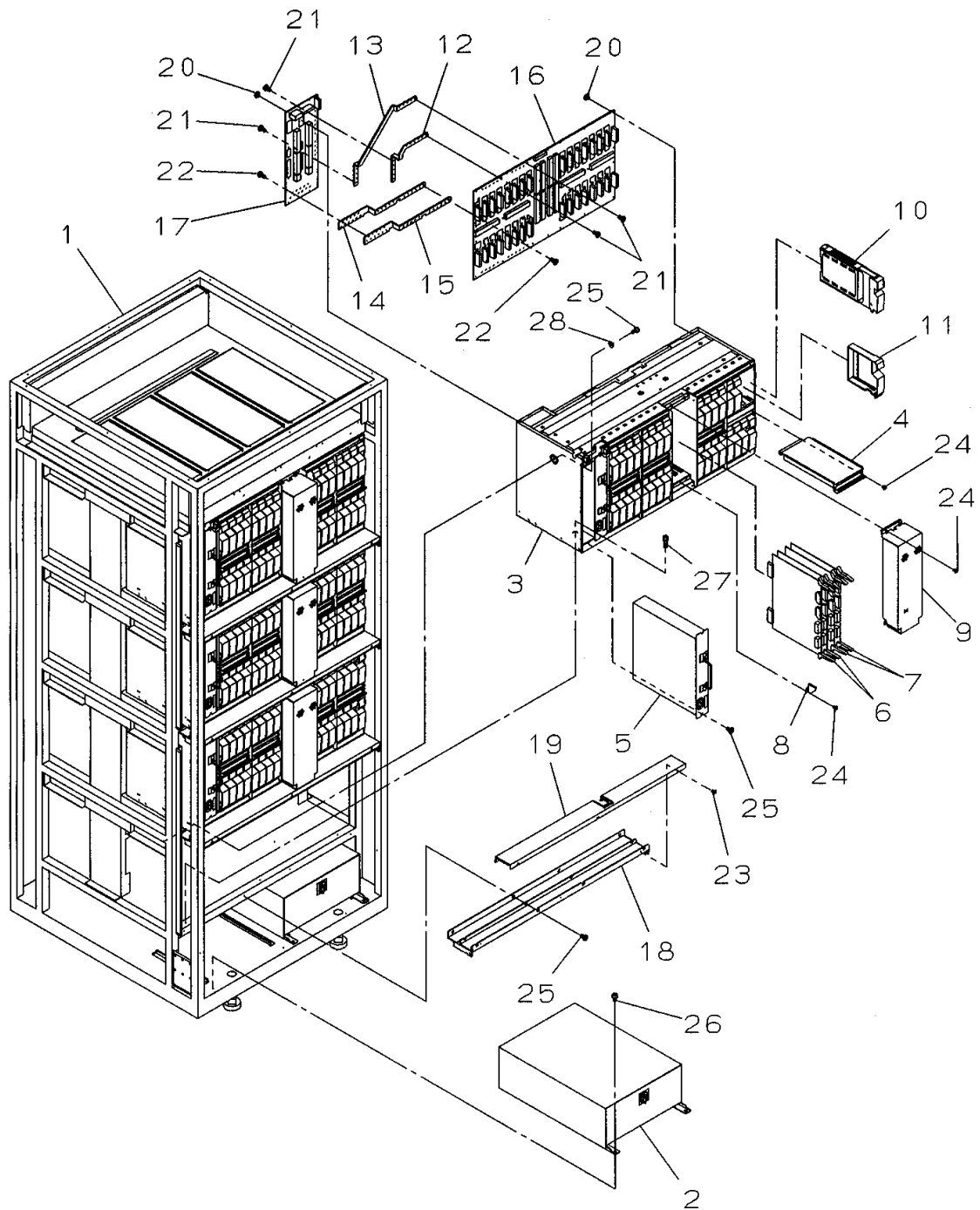


Fig. 2-3 DKU SUB ASSY

PARTS LIST 1-3 (Parts listed below are shown in Fig. 2-3)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
4-1	1506393-B	DKU SUB ASSY	1	
2	5513851-A	• AC BOX (3 Phase/60A)	2	S.P, NOTE.3
	5513852-A	• AC BOX (Single Phase/50A)		S.P, NOTE.4
	5518051-A	• AC BOX (3 Phase/30A)		S.P, NOTE.5
	5518052-A	• AC BOX (Single Phase/30A)		S.P, NOTE.6
3	1506385-A	• HDD BOX ASSY	8	
4	5513855-A	• SH304-A P/K ASSY (JMP)	32	S.P
5	5513853-A	• SWPS (5V/3V PS)	16	S.P
6	5513854-B	• SH303-B P/K ASSY (FSW-B)	16	S.P
7	5513854-A	• SH303-A P/K ASSY (FSW-A)	16	S.P
8	5502211-1	• STOPPER (P/K)	32	
9	3263218-A	• COVER (FSW) ASSY	8	
10	5515544-A	• HDU450-36K1FC	NOTE.1	S.P
	5513873-A	• HDU450-72J1FC	NOTE.2	S.P
11	2105845-1	• DUMMY CANISTER	-	
12	3261913-1	• BUS BAR (12V)	8	
13	3261914-1	• BUS BAR (5V)	8	
14	3263219-1	• BUS BAR (GRD) 1	8	
15	3263220-1	• BUS BAR (GRD) 2	8	
16	5513856-A	• LR011 B/P ASSY	8	S.P
17	5513857-A	• LR015 B/P ASSY	8	S.P
18	3263216-A	• CABLE DUCT ASSY	8	
19	3263217-A	• COVER (C-DUCT) ASSY	8	
20	3261960-310	• WA BIND SCREW (NI)	232	
21	SB408B	• BIND SCREW	176	

NOTE.1 : DKU-F455I-36K4 : 4

DKU-F455I-36K1 : 1

NOTE.2 : DKU-F455I-72J4 : 4

DKU-F455I-72J1 : 1

NOTE.3 : DKU-F455I-3PS

NOTE.4 : DKU-F455I-1PS

NOTE.5 : DKU-F455I-3PSD

NOTE.6 : DKU-F455I-1PSD

PARTS LIST 1-3 (Parts listed below are shown in Fig. 2-3)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
22	SB410B	• BIND SCREW	176	
23	SB305N	• BIND SCREW (NI)	24	
24	SB306N	• BIND SCREW (NI)	128	
25	SB408N	• BIND SCREW (NI)	96	
26	3261959-408	• WA SOCKET BOLT (NI)	4	
27	3261959-425	• WA SOCKET BOLT (NI)	40	
28	5513553-433	• LL WASHER (NI)	8	

3 PARTS LIST OF DKC460I

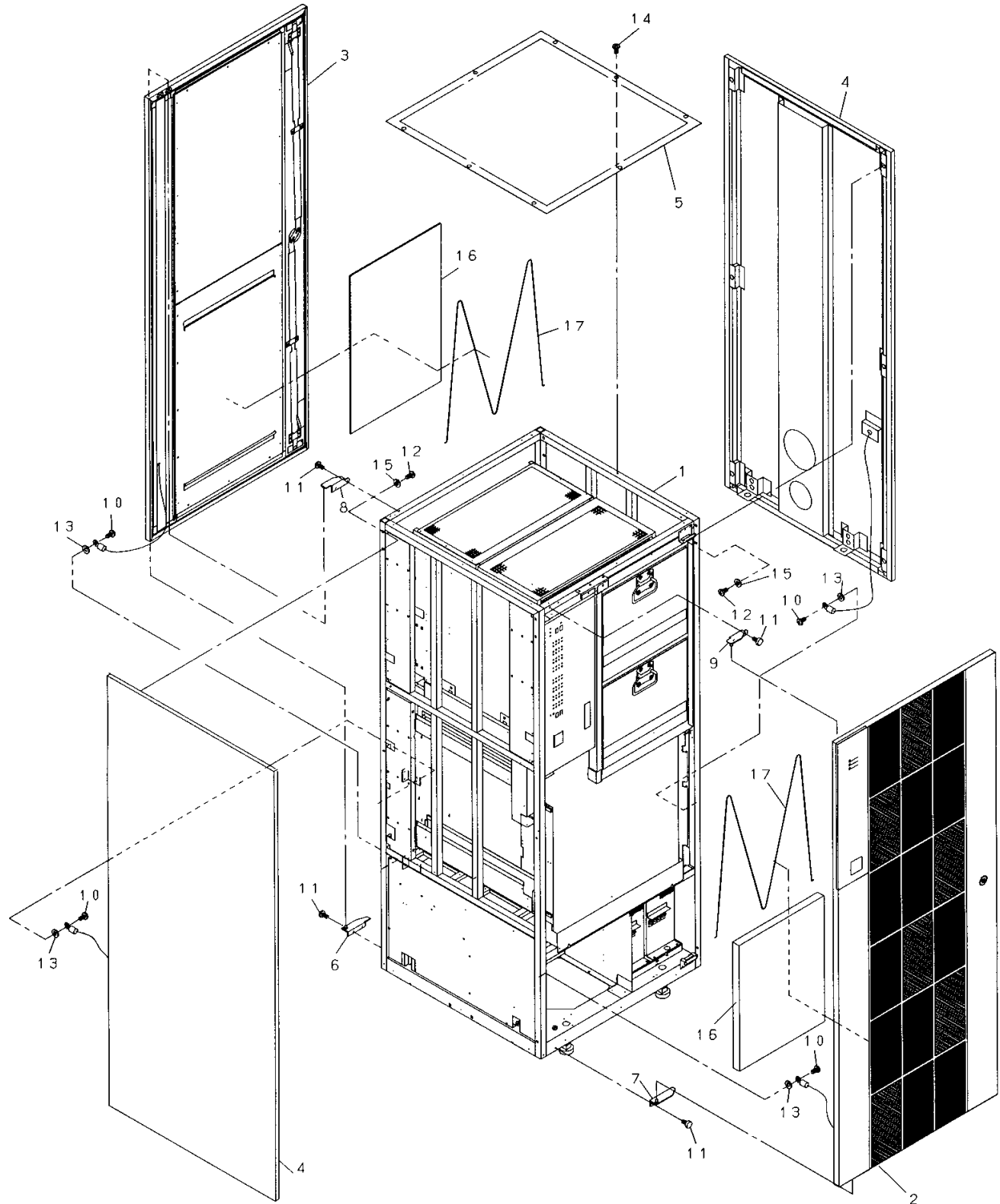


Fig. 3-1 DKC ASSY

PARTS LIST 2-1 (Parts listed below are shown in Fig. 3-1)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
6-	2105531-A	DKC ASSY(460)	—	
1	1506399-A	• MAIN ASSY	1	
2	3265615-C, E, F	• F-DOOR ASSY	1	NOTE.1
3	3265616-B, E, F	• R-DOOR ASSY	1	NOTE.1
4	3265617-B, E, F	• SIDE COVER ASSY	2	NOTE.1
5	3261949-1	• TOP COVER	1	
6	5513794-A	• HINGE ASM(R-L)	1	
7	5513792-A	• HINGE ASM(F-L)	1	
8	5513795-A	• HINGE ASM(R-U)	1	
9	5513793-A	• HINGE ASM(F-U)	1	
10	SB408N	• BINDING SCREW M4×8(NI)	4	
11	BS510N	• HEXAGON SOCKET BOLT M5×10(NI)	8	
12	SB536N	• BINDING SCREW M5×36(NI)	12	
13	WT004N	• LOCK WASHER M4(NI)	4	
14	3183101-1	• HWA BIND SCREW	12	
15	5513553-532	• LL WASHER(NI)	12	
16	3263247-1	• FILTER(DKC460)	2	
17	3263248-1	• STOPPER(FILTER)	2	

NOTE.1 : P/N-B, C: DKC460I-5P

P/N-E: DKC460I-5/DKC-F460I-DH

P/N-F: DKC-F460I-DS

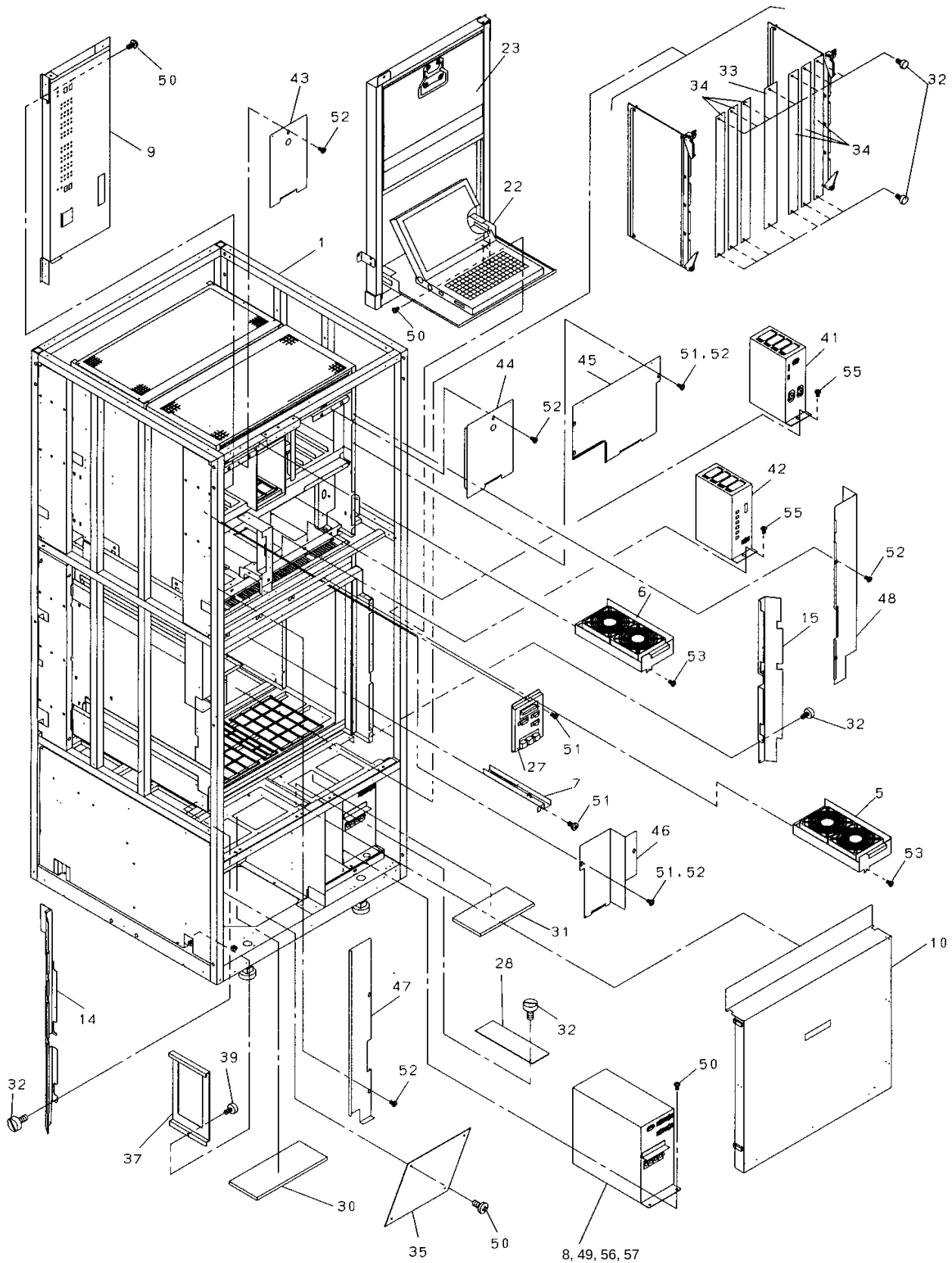


Fig. 3-2 MAIN ASSY (1/2) (FRONT SIDE)

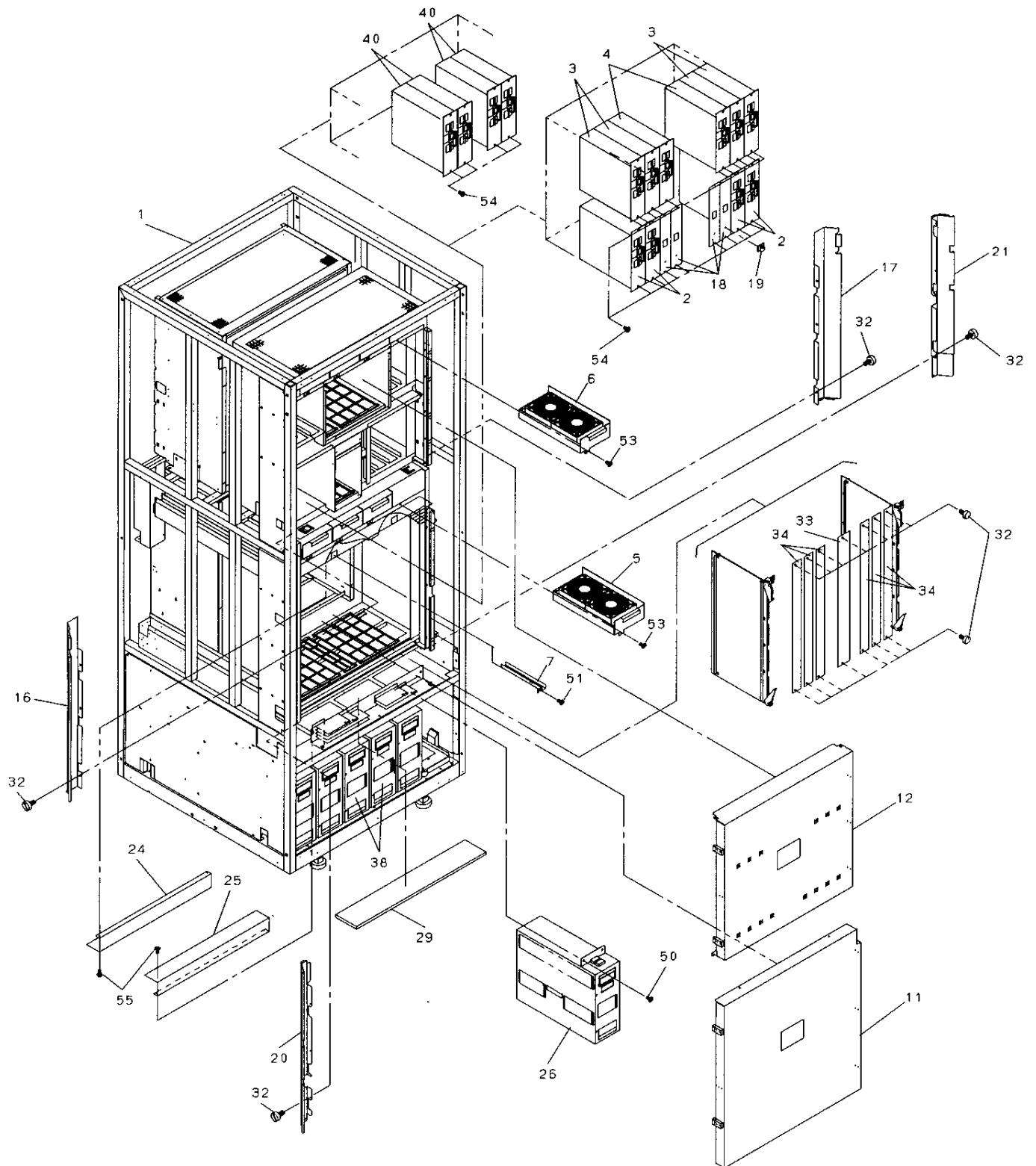


Fig. 3-3 MAIN ASSY (2/2) (REAR SIDE)

PARTS LIST 2-2 (Parts listed below are shown in Fig. 3-2 and 3-3)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
7-	1506399-A	MAIN ASSY	—	
1	1506398-A	• SUB MAIN ASSY	1	
2	5513969-A	• 3V POWER SUPPLY (PPD03130,HS0429)	4	S.P
3	5513970-A	• LOGIC POWER SUPPLY (PPD5002-1,HS0482)	4	S.P
4	5513971-A	• MULTI POWER SUPPLY (PPD7502,HS0591)	2	S.P
5	5509121-A	• FAN ASSY	8	S.P
6	5509121-B	• FAN ASSY	8	S.P
7	5513989-A	• ALM(TH-L) ASSY	4	S.P
8	5513517-A	• BREAKER BOX ASSY	2	S.P, NOTE1
9	2105476-A	• OP PANEL ASSY	1	See LIST8
10	3264015-A	• L/G COVER(F)-ASSY	1	
11	3264016-A	• L/G COVER(R)-ASSY	1	
12	3264012-A	• COVER(PS)-ASSY	1	
13			2	
14	2105829-1	• COVER(LGS-FL)	1	
15	2105848-1	• COVER(LGS-F-W)	1	
16	3263147-A	•BRACKET(PS-L)_ASM	1	
17	3263350-A	•BRACKET(PS-R)_ASM	1	
18	5513606-1	• DUMMY PLATE(PS)	4	
19	3183059-3	• LOCKING CLAMP(CABLE)	4	
20	3263083-1	• COVER(LGS-RL)	1	
21	3263084-1	• COVER(LGS-RR)	1	
22	5513995-A	• SVP ASSY	1	S.P
22-1	5513998-A	•FLASH_ROM	1	S.P

PARTS LIST 2-3 (Parts listed below are shown in Fig. 3-2 and 3-3)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
23	5513995-A	• SVP ASSY	1	S.P, NOTE2
23-1	5513998-A	•FLASH_ROM	1	S.P, NOTE2
24	3261947-1	•COVER_CA_CLAMP	1	
25	3264343-1	•COVER_CA_CLAMP	1	
26	5513990-A	• BATTERY ASSY	4	S.P
27	5509132-A	• SH195-A P/K ASSY	1	S.P
28	5505109-1	• COVER(PCI-F)	2	
29	3236791-1	• FILTER(DKC210)	1	
30	3261939-1	• FILTER(FRONT_450)	1	
31	3261939-2	• FILTER(FRONT_450)	1	
32	5480385-1	• LOCK SCREW	44	
33	3264063-1	• DUMMY PLATE	2	
34	3264063-2	• DUMMY PLATE	12	
35	5513607-1	• DUMMY PNL(CH)	6	
36				
37	5509131-A	• SH218-A P/K ASSY	1	S.P, NOTE3
38	5513990-A	• BATTERY ASSY	2	S.P, NOTE4
39	5480385-2	• LOCK SCREW	1	
40	5513969-A	• 3V POWER SUPPLY(PPD03130,HS0429)	4	S.P, NOTE5
41	5513997-A	• SVP_PS_BOX	1	S.P, NOTE2
42	5513999-A	• HUB BOX	1	S.P
43	5513889-1	• COVER(SH-L)	1	
44	5513840-1	• COVER(SH-R)	1	

PARTS LIST 2-4 (Parts listed below are shown in Fig. 3-2 and 3-3)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
45	3263141-1	• COVER(SH)	1	S.P, NOTE6
46	3264002-1	• COVER(SH-L-W)	1	
47	3263144-1	• PLATE(SH-SIDE-L)	1	
48	3264001-1	• PLATE(SH-SIDE-RW)	1	
49	5513519-A	• AC BOX(Single Phase/40A)	1	
50	SB408N	• BINDING SCREW M4×8(NI)	20	
51	5513661-310	• SCREW(STOPPER)NI	8	
52	5513661-412	• SCREW(STOPPER)NI	8	
53	5513661-325	• SCREW(STOPPER)NI	32	
54	5513661-425	• SCREW(STOPPER)NI	14	
55	SB306N	• BINDING SCREW M3×6(NI)	8	S.P, NOTE7
56	5517802-A	• AC BOX(3 Phase/30A)	1	
57	5517802-C	• AC BOX(Single Phase/30A)	1	S.P, NOTE8

NOTE.1. DKC-F460I-3PS

2. DKC-F460I-SVP

3. DKC-F460I-18

4. DKC-F460I-42 (The same parts as list number 26)

5. DKC-F460I-80 (The same parts as list number 2)

6. DKC-F460I-1PS

7. DKC-F460I-3PSD

8. DKC-F460I-1PSD

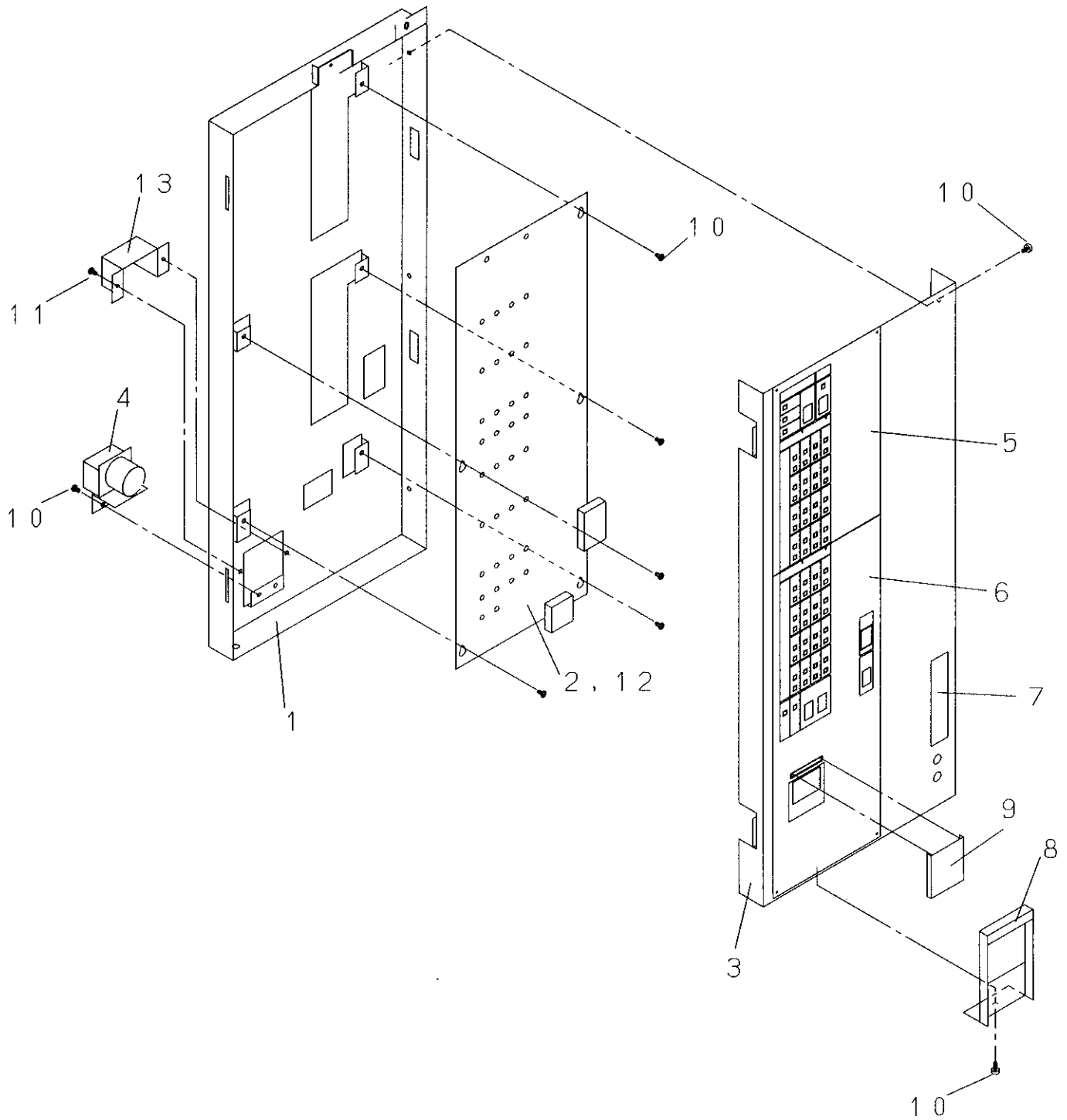


Fig. 3-4 OP PANEL ASSY

PARTS LIST 2-5 (Parts listed below are shown in Fig. 3-4)

LIST AND INDEX NUMBER	PART NUMBER	NAME OF PART	UNITS PER ASSY	REMARKS
8-	2105476-A	OP PANEL ASSY	—	
1	2105429-A	• BOX(OP) ASM	1	
2	5513988-A	• SH302-A P/K ASSY	1	S.P
3	2105430-1	• OP PANEL(460)	1	
4	5509122-A	• EPO ASSY	1	S.P
5	2105564-1	• SHEET(U)	1	
6	1506846-1	• SHEET(L)	1	
7	5493656-1	• TOTTE	1	
8	3263363-A	• PROTECTOR(EPO) ASM	1	
9	5471981-1	• KNOB	1	
10	5513661-312	• SCREW(STOPPER)	12	
11	SB306N	• BINDING SCREW M3X6(NI)	2	
12	5513988-C	• SH302-C PK ASSY	1	S.P, NOTE1
13	5503396-1	• COVER(EPO)-R	1	

NOTE.1. DKC-F460I-UPS

4 PARTS LIST OF PCB AND MEMORY MODULE

4.1 PCB LOCATION

FRONT LOGIC BOX PCB LOCATION

CL1							CL2				
N	P	Q	R	S	T	U	V	W	X	Y	Z
W P 4 8 1 A	1 s t C H A	2 n d C H A	3 r d C H A	4 t h C H A	W P 4 9 0 A	W P 4 9 0 B	1 s t C H A	2 n d C H A	3 r d C H A	4 t h C H A	W P 4 8 1 B
	*B	*B	*B	*B		*A	*B	*B	*B	*B	
CSW -1N	CHA -1P	CHA -1Q	CHA -1R	CHA -1S	CACHE -1T	CACHE -1U	CHA -2V	CHA -2W	CHA -2X	CHA -2Y	CSW -2Z
	Basic	Add.1	Add.2	Add.3	Basic (SM)	Add.	Basic	Add.1	Add.2	Add.3	

*A: DKC-F460I-41

*B: Description of CHA PCBs

CL1												CL2											
P, Q, R or S												V, W, X or Y											
W P 4 6 2 A x 1	S H 2 8 1 C x 4	W P 4 6 1 D x 1	S H 2 8 1 E x 2	W P 4 6 1 A x 1	S H 2 8 1 B x 4	W P 4 6 1 C x 1	S H 2 8 1 A x 4	W P 4 6 1 D x 1	S H 2 8 1 A x 4	W P 4 6 1 E x 1	S H 2 8 1 D x 4	W P 4 6 1 A x 1	S H 2 8 1 B x 4	W P 4 6 1 C x 1	S H 2 8 1 A x 4	W P 4 6 1 D x 1	S H 2 8 1 B x 4	W P 4 6 1 E x 1	S H 2 8 1 D x 4	W P 4 6 1 A x 1	S H 2 8 1 B x 4	W P 4 6 1 C x 1	S H 2 8 1 A x 4
*1	*2	*3	*4	*5	*6	*7	*8	*9	*10	*11	*12	*1	*2	*3	*4	*5	*6	*7	*8	*9	*10	*11	*12

- *1: DKC-F460I-8S
- *2: DKC-F460I-8GSE
- *3: DKC-F460I-4HSE
- *4: DKC-F460I-8HSE
- *5: DKC-F460I-8HLE
- *6: DKC-F460I-8MS
- *7: DKC-F460I-8ML
- *8: DKC-F460I-8HSF
- *9: DKC-F460I-8HLF
- *10: DKC-F460I-8GSF
- *11: DKC-F460I-4HSF
- *12: DKC-F460I-16HSF

Fig. 4.1-1 Front Logic Box PCB Location

REAR LOGIC BOX PCB LOCATION

CL2								CL1									
M	L		K	J		H	G	F	E		D		C	B	A		
W P 4 8 1 A	W P 4 7 1 B	S H 2 8 1 B	W P 4 7 1 B	S H 2 8 1 B	W P 4 7 1 B	S H 2 8 1 B	W P 4 9 0 A	W P 4 9 0 B	W P 4 7 1 B	S H 2 8 1 B	W P 4 7 1 B	S H 2 8 1 B	W P 4 7 1 B	S H 2 8 1 B	W P 4 8 1 B		
	*C		*B		*A			*D	*C		*B		*A				
CSW -2M	DKA-2L		DKA-2K		DKA-2J		DKA-2H		CA CHE -2G	CA CHE -2F	DKA-1E		DKA-1D		DKA-1C	DKA-1B	CSW -1A
	Add.3		Add.2		Add.1		Basic		Basic (SM)	Add.	Add.3		Add.2		Add.1		Basic

- *A: DKC-F460I-200 × 1 set
 *B: DKC-F460I-200 × 2 sets
 *C: DKC-F460I-200 × 3 sets
 *D: DKC-F460I-41

Fig. 4.1-2 Rear Logic Box PCB

FRONT SH BOX PCB LOCATION

CL1			CL1/CL2	CL2				
G	F		E	D	C	B		A
SVPPS1	DKCMN1		MONI-CON1	SSVP	MONI-CON2	DKCMN2		SVPPS2
S	S	S	S	S	S	S	S	S
H	H	H	H	H	H	H	H	H
1	3	3	3	3	3	3	3	1
1	0	0	0	1	0	0	0	1
1	7	7	5	3	5	7	7	1
-	-	-	-	-	-	-	-	-
B	A	B	A	A	A	A	B	B
		*A					*A	

*A: DKC-F460I-UPS

Fig. 4.1-3 Front SH Box PCB Location

REAR PS BOX PS LOCATION

CL2					CL1				
—	—	—	DU	CU	BU	AU	—	—	—
5/3VPS2A	5/3VPS2B	SUBPS2	BATCTR-21	BATCTR-22	BATCTR-12	BATCTR-11	SUBPS1	5/3VPS1B	5/3VPS1A
5 / 3 V P S	5 / 3 V P S	S U B P S	S H 2 0 0 - A	S H 2 0 0 - A *A	S H 2 0 0 - A *A	S H 2 0 0 - A	S U B P S	5 / 3 V P S	5 / 3 V P S
3 V P S	3 V P S	3 V P S *B	3 V P S *B	S H 2 0 0 - A	S H 2 0 0 - A	3 V P S *B	3 V P S *B	3 V P S	3 V P S
3VPS2A	3VPS2B	3VPS2C	3VPS2D	BATCTR-20	BATCTR-10	3VPS1D	3VPS1C	3VPS1B	3VPS1A
—	—	—	—	BL	AL	—	—	—	—
CL2					CL1				

*A: DKC-F460I-42

*B: DKC-F460I-80

Fig. 4.1-4 Rear PS Box Location

4.2 SHARED MEMORY MODULE LOCATION

1. Standard Cache Memory PCB

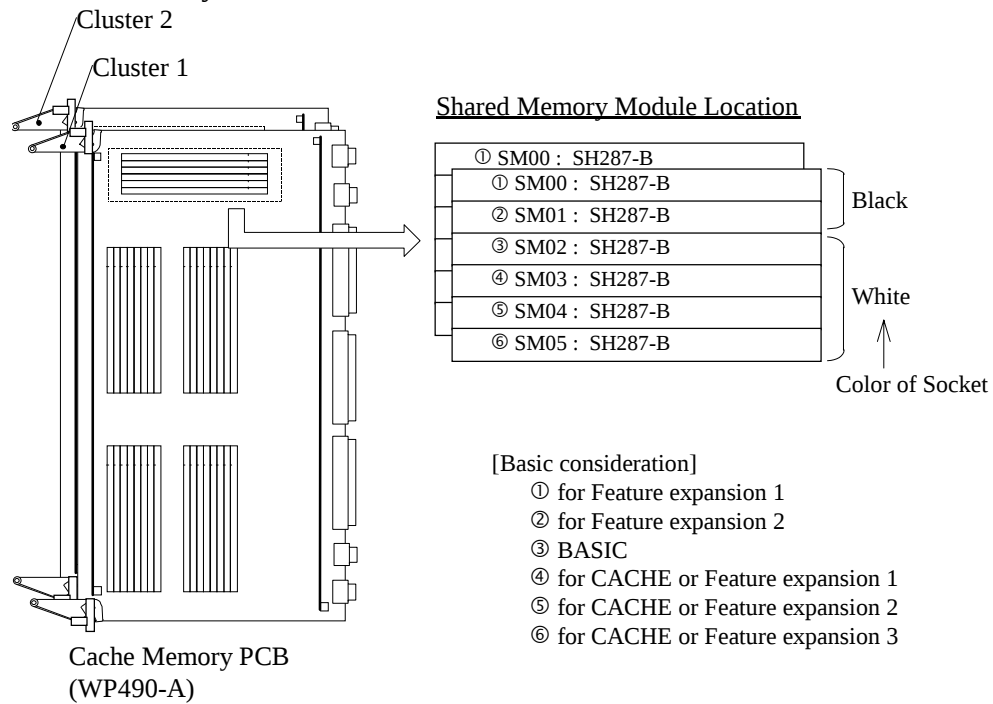
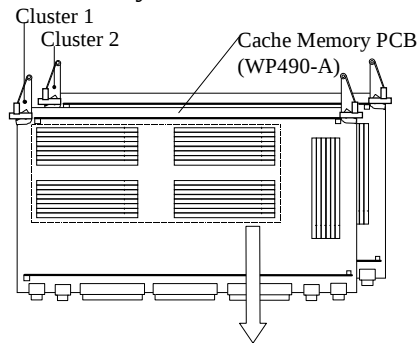


Fig. 4.2-1 Shared Memory Module Location

4.3 CACHE MEMORY MODULE LOCATION

1. Standard Cache Memory PCB



(Note) The Cache Memory Module location *1 through *G correspond to the CM Location listed in Table 4.3-1.

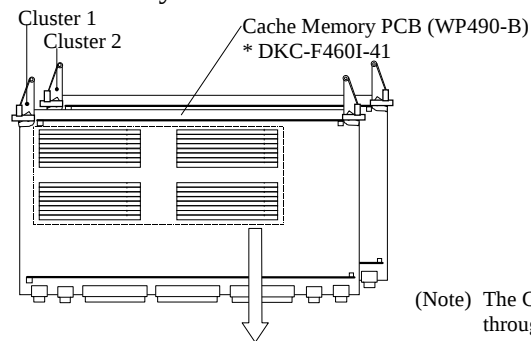
Cache Memory Module Location

BCM007 : SH288-B *G			ACM007 : SH288-B *F		
BCM007 (MG#15) : SH288-B	*G		ACM007 (MG#14) : SH288-B	*F	
BCM006 (MG#13) : SH288-B	*E		ACM006 (MG#12) : SH288-B	*D	
BCM005 (MG#11) : SH288-B	*C		ACM005 (MG#10) : SH288-B	*B	
BCM004 (MG#9) : SH288-B	*A		ACM004 (MG#8) : SH288-B	*9	
BCM003 (MG#7) : SH288-B	*8		ACM003 (MG#6) : SH288-B	*7	
BCM002 (MG#5) : SH288-B	*6		ACM002 (MG#4) : SH288-B	*5	
BCM001 (MG#3) : SH288-B	*4		ACM001 (MG#2) : SH288-B	*3	
BCM000 (MG#1) : SH288-B	*2		ACM000 (MG#0) : SH288-B	*1	

BCM107 (MG#15) : SH288-B	*G		ACM107 (MG#14) : SH288-B	*F	
BCM106 (MG#13) : SH288-B	*E		ACM106 (MG#12) : SH288-B	*D	
BCM105 (MG#11) : SH288-B	*C		ACM105 (MG#10) : SH288-B	*B	
BCM104 (MG#9) : SH288-B	*A		ACM104 (MG#8) : SH288-B	*9	
BCM103 (MG#7) : SH288-B	*8		ACM103 (MG#6) : SH288-B	*7	
BCM102 (MG#5) : SH288-B	*6		ACM102 (MG#4) : SH288-B	*5	
BCM101 (MG#3) : SH288-B	*4		ACM101 (MG#2) : SH288-B	*3	
BCM100 (MG#1) : SH288-B	*2		ACM100 (MG#0) : SH288-B	*1	

Fig. 2.4-1 Cache Memory Module Location

2. Additional Cache Memory PCB



(Note) The Cache Memory Module location *H through *Y correspond to the CM Location listed in Table 4.3-1.

Cache Memory Module Location

BCM007 : SH288-B *Y			ACM007 : SH288-B *X		
BCM007 (MG#15) : SH288-B	*Y		ACM007 (MG#14) : SH288-B	*X	
BCM006 (MG#13) : SH288-B	*W		ACM006 (MG#12) : SH288-B	*V	
BCM005 (MG#11) : SH288-B	*U		ACM005 (MG#10) : SH288-B	*T	
BCM004 (MG#9) : SH288-B	*S		ACM004 (MG#8) : SH288-B	*R	
BCM003 (MG#7) : SH288-B	*Q		ACM003 (MG#6) : SH288-B	*P	
BCM002 (MG#5) : SH288-B	*N		ACM002 (MG#4) : SH288-B	*M	
BCM001 (MG#3) : SH288-B	*L		ACM001 (MG#2) : SH288-B	*K	
BCM000 (MG#1) : SH288-B	*J		ACM000 (MG#0) : SH288-B	*H	

BCM107 (MG#15) : SH288-B	*Y		ACM107 (MG#14) : SH288-B	*X	
BCM106 (MG#13) : SH288-B	*W		ACM106 (MG#12) : SH288-B	*V	
BCM105 (MG#11) : SH288-B	*U		ACM105 (MG#10) : SH288-B	*T	
BCM104 (MG#9) : SH288-B	*S		ACM104 (MG#8) : SH288-B	*R	
BCM103 (MG#7) : SH288-B	*Q		ACM103 (MG#6) : SH288-B	*P	
BCM102 (MG#5) : SH288-B	*N		ACM102 (MG#4) : SH288-B	*M	
BCM101 (MG#3) : SH288-B	*L		ACM101 (MG#2) : SH288-B	*K	
BCM100 (MG#1) : SH288-B	*J		ACM100 (MG#0) : SH288-B	*H	

Fig. 4.3-1 Cache Memory Module Location

Table 4.3-1 Cache memory upgrade table of Standard Model installation

Cache Memory Capacity	Standard Model				High Performance Model				DKC-F460I-42 Additional Battery
	DKC-F460I-2048			DKC-F460I -41	DKC-F460I-2048			DKC-F460I -41	
	Install PCB		CM		Install PCB		CM		
	Basic PCB	Add. PCB	Location (Note 1)		Basic PCB	Add. PCB	Location (Note 1)		
2GB	1	0	*1	0	-	-	-	-	0
4GB	2	0	*2	0	1	1	*1,*H	1	0
6GB	3	0	*3	0	-	-	-	1	0
8GB	4	0	*4	0	2	2	*2,*J	1	0
10GB	5	0	*5	0	-	-	-	1	0
12GB	6	0	*6	0	3	3	*3,*K	1	0
14GB	7	0	*7	0	-	-	-	1	0
16GB	8	0	*8	0	4	4	*4,*L	1	0
18GB	9	0	*9	0	-	-	-	1	0
20GB	10	0	*A	0	5	5	*5,*M	1	0
22GB	11	0	*B	0	-	-	-	1	0
24GB	12	0	*C	0	6	6	*6,*N	1	0
26GB	13	0	*D	0	-	-	-	1	0
28GB	14	0	*E	0	7	7	*7,*P	1	0
30GB	15	0	*F	0	-	-	-	1	0
32GB	16	0	*G	0	8	8	*8,*Q	1	0
34GB	16	1	*H	1	-	-	-	1	1
36GB	16	2	*J	1	9	9	*9,*R	1	1
38GB	16	3	*K	1	-	-	-	1	1
40GB	16	4	*L	1	10	10	*A,*S	1	1
42GB	16	5	*M	1	-	-	-	1	1
44GB	16	6	*N	1	11	11	*B,*T	1	1
46GB	16	7	*P	1	-	-	-	1	1
48GB	16	8	*Q	1	12	12	*C,*U	1	1
50GB	16	9	*R	1	-	-	-	1	1
52GB	16	10	*S	1	13	13	*D,*V	1	1
54GB	16	11	*T	1	-	-	-	1	1
56GB	16	12	*U	1	14	14	*E,*W	1	1
58GB	16	13	*V	1	-	-	-	1	1
60GB	16	14	*W	1	15	15	*F,*X	1	1
62GB	16	15	*X	1	-	-	-	1	1
64GB	16	16	*Y	1	16	16	*G,*Y	1	1

Note 1: The above numbers (*1 through *Y) represent the Cache Memory Module locations shown in Fig 2.4-1 and Fig 2.4-2.

Note 2: A cache memory can't be set up in the ' - ' mark.

High performance model is effective when the cache memory is installed 8GB or more, and recommend the addition of 8GB.

4.4 PARTS LIST

PARTS LIST 3 (Parts listed below are shown in Fig. 4.1-1 through 4.3-1.)

ITEM NO.	PART NUMBER	PART NAME	QUANTITY PER DKC	REMARKS
10-1	5513983-A	Serial 4-port CHA ASSY (WP462-A×1 & SH281-C×4)	2-8	SP
2	5513984-A	MF Fibre 4-port CHA ASSY (Short wave 1Gbps) (WP465-A×1& SH281-D×4)	2-8	SP
3	5513984-B	MF Fibre 4-port CHA ASSY (Long wave 1Gbps) (WP465-B×1& SH281-D×4)	2-8	SP
4	5513980-B	Fibre 4-port CHA ASSY (Short wave 1Gbps) (WP461-D×1 & SH281-A×2)	2-8	SP
5	5513981-C	Fibre 2-port CHA ASSY (Short wave 1-2Gbps) (WP461-E×1 & SH281-A×2)	2-8	SP
6	5513981-A	Fibre 4-port CHA ASSY (Short wave 1-2Gbps) (WP461-B×1 & SH281-A×4)	2-8	SP
7	5513981-B	Fibre 4-port CHA ASSY (Long wave 1-2Gbps) (WP461-C×1 & SH281-A×4)	2-8	SP
8	5513979-B	WP471-B×1 & SH281-B×4 (DKA)	2-8	SP
9	5513976-A	WP490-A P/K ASSY (CACHE)	2	SP
10	5513976-B	WP490-B P/K ASSY (CACHE)	2	SP
11	5513975-A	WP481-A P/K ASSY (CSW-A)	2	SP
12	5513975-B	WP481-B P/K ASSY (CSW-B)	2	SP
13	5513977-B	SH288-B P/K ASSY (CM-DIMM)	4-128	SP
14	5513978-B	SH287-B P/K ASSY (SM-DIMM)	2-12	SP
15	5509126-A	SH200-A P/K ASSY (BATCTR)	4-6	SP
16	5514000-A	SH313-A P/K ASSY (SSVP)	1	SP
17	5513986-A	SH307-A P/K ASSY (DKCMN)	2	SP
18	5513986-B	SH307-B P/K ASSY (DKCMN for UPS)	2	SP
19	5513987-B	SH111-B P/K ASSY (SVPPS)	2	SP
20	5513985-A	SH305-A P/K ASSY (MONI CON)	2	SP
21	5518079-C	Fibre 4-port CHA ASSY (Short wave 1Gbps) (WP461-H×1 & SH281-A×2)	2-8	SP
22	5518079-D	Fibre 2-port CHA ASSY (Short wave 1-2Gbps) (WP461-J×1 & SH281-A×2)	2-8	SP
23	5518079-A	Fibre 4-port CHA ASSY (Short wave 1-2Gbps) (WP461-F×1 & SH281-A×4)	2-8	SP
24	5518079-B	Fibre 4-port CHA ASSY (Long wave 1-2Gbps) (WP461-G×1 & SH281-A×4)	2-8	SP

5 INTERNAL CABLING AND CABLE ASSEMBLY PARTS LIST

5.1 INTERNAL CABLING

DKC

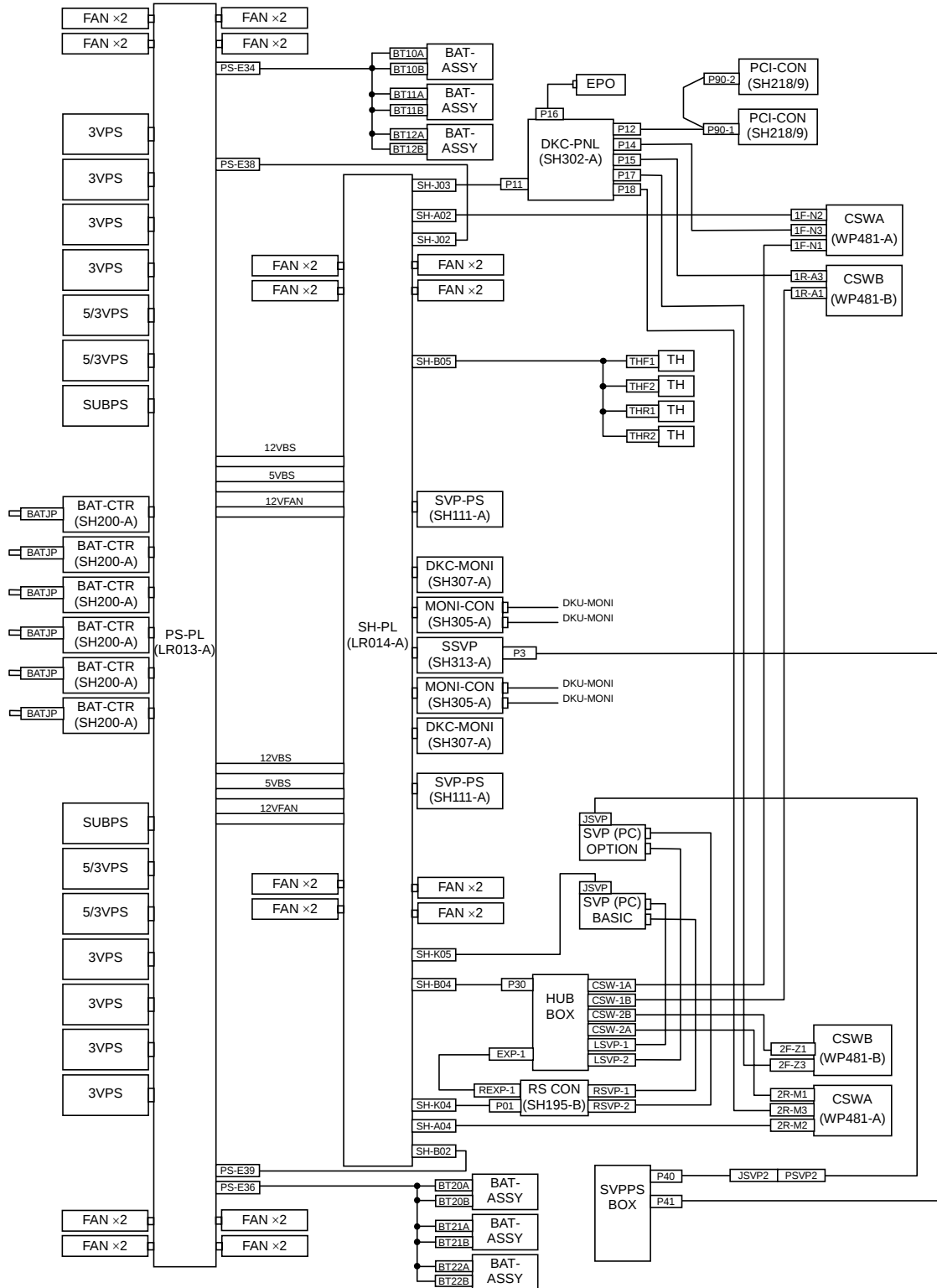


Fig. 5.1-1 Subsystem Internal Cabling Diagram ①

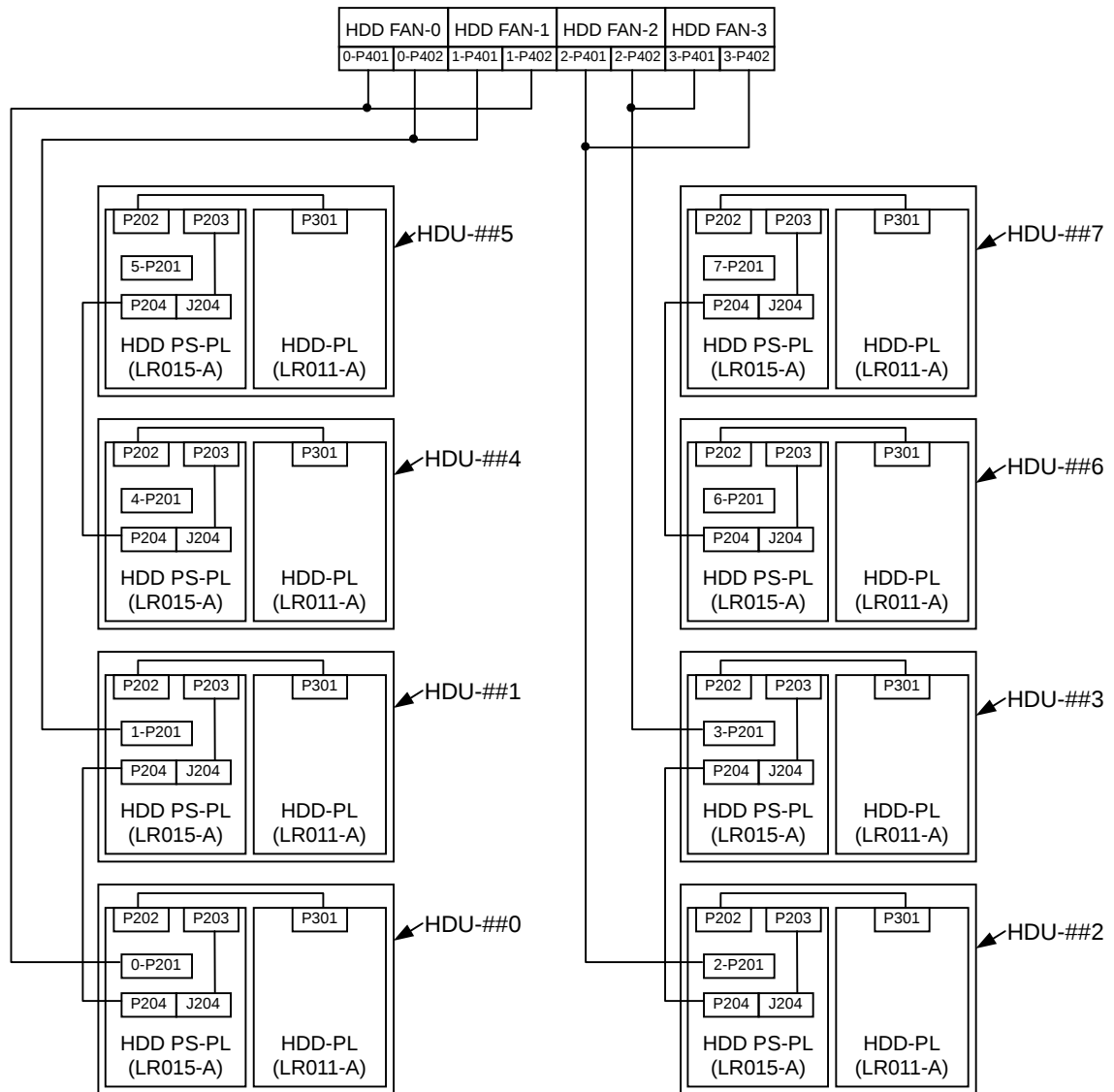


Fig. 5.1-2 Subsystem Internal Cabling Diagram ②

DKC

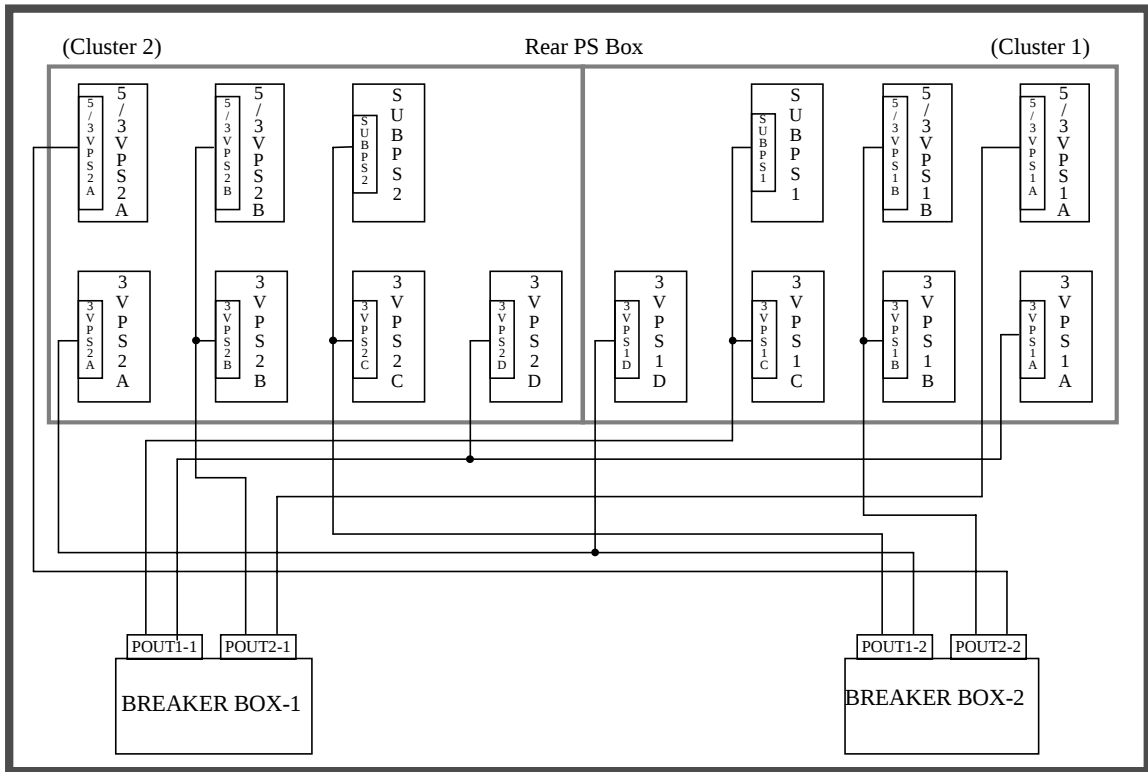
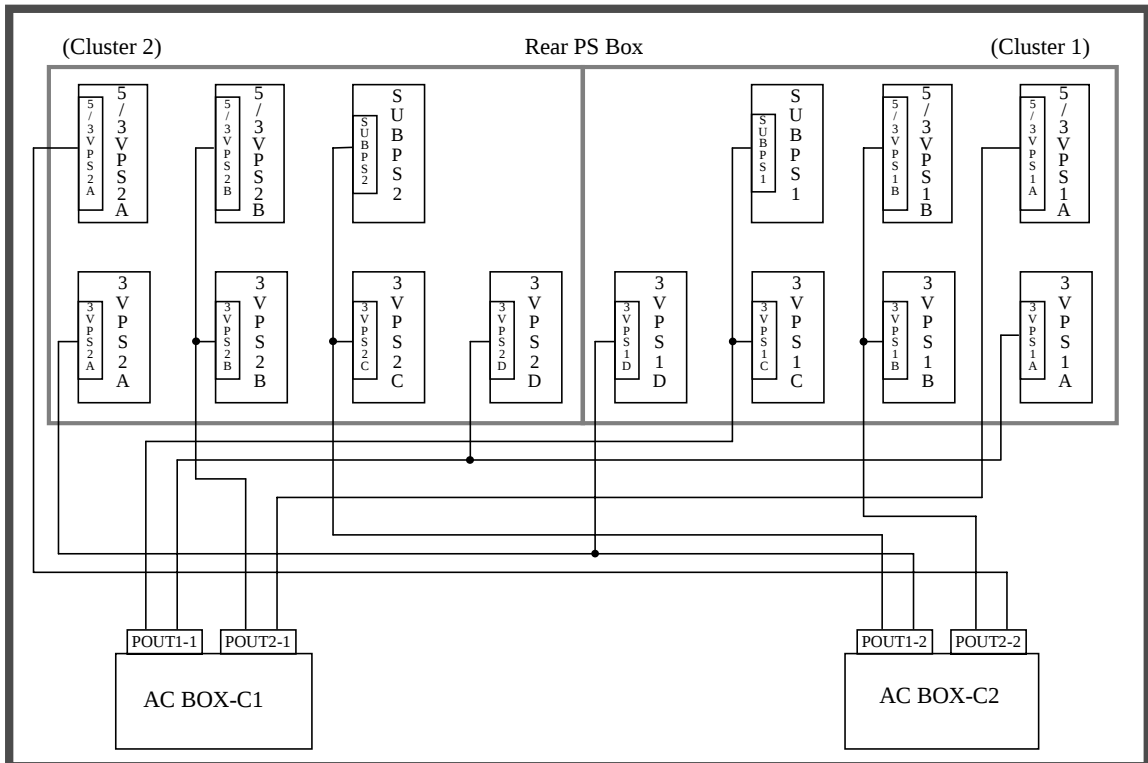
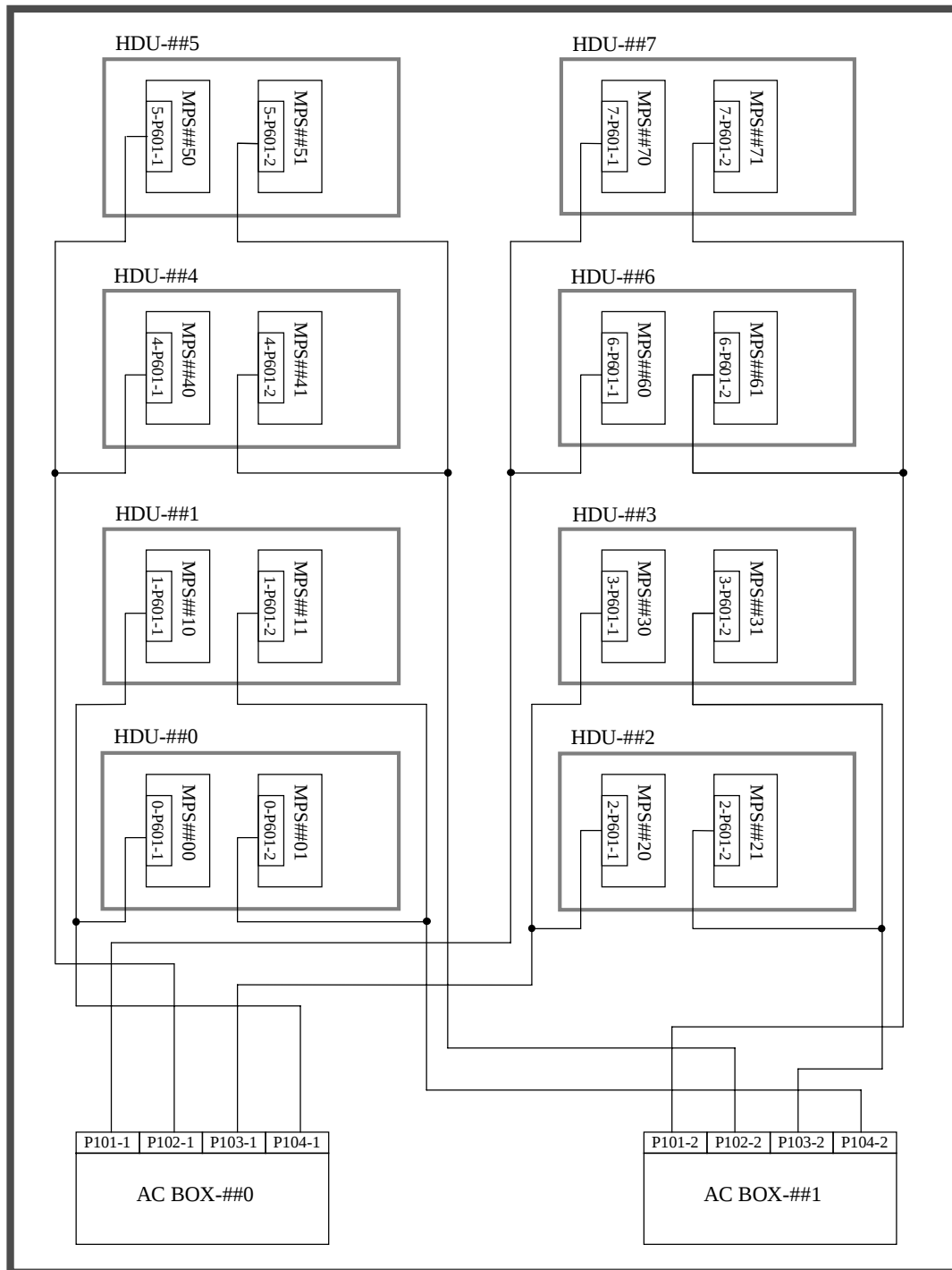


Fig. 5.1-3A Subsystem Internal Cabling Diagram (3 Phase/60A) ③

DKC

Fig. 5.1-3B Subsystem Internal Cabling Diagram
(Single Phase/50A, Single Phase/30A, 3 Phase/30A) ③

DKU



(Note) ## : DKU Location (R1, R2, L1, L2)

Fig. 5.1-4 Subsystem Internal Cabling Diagram ④

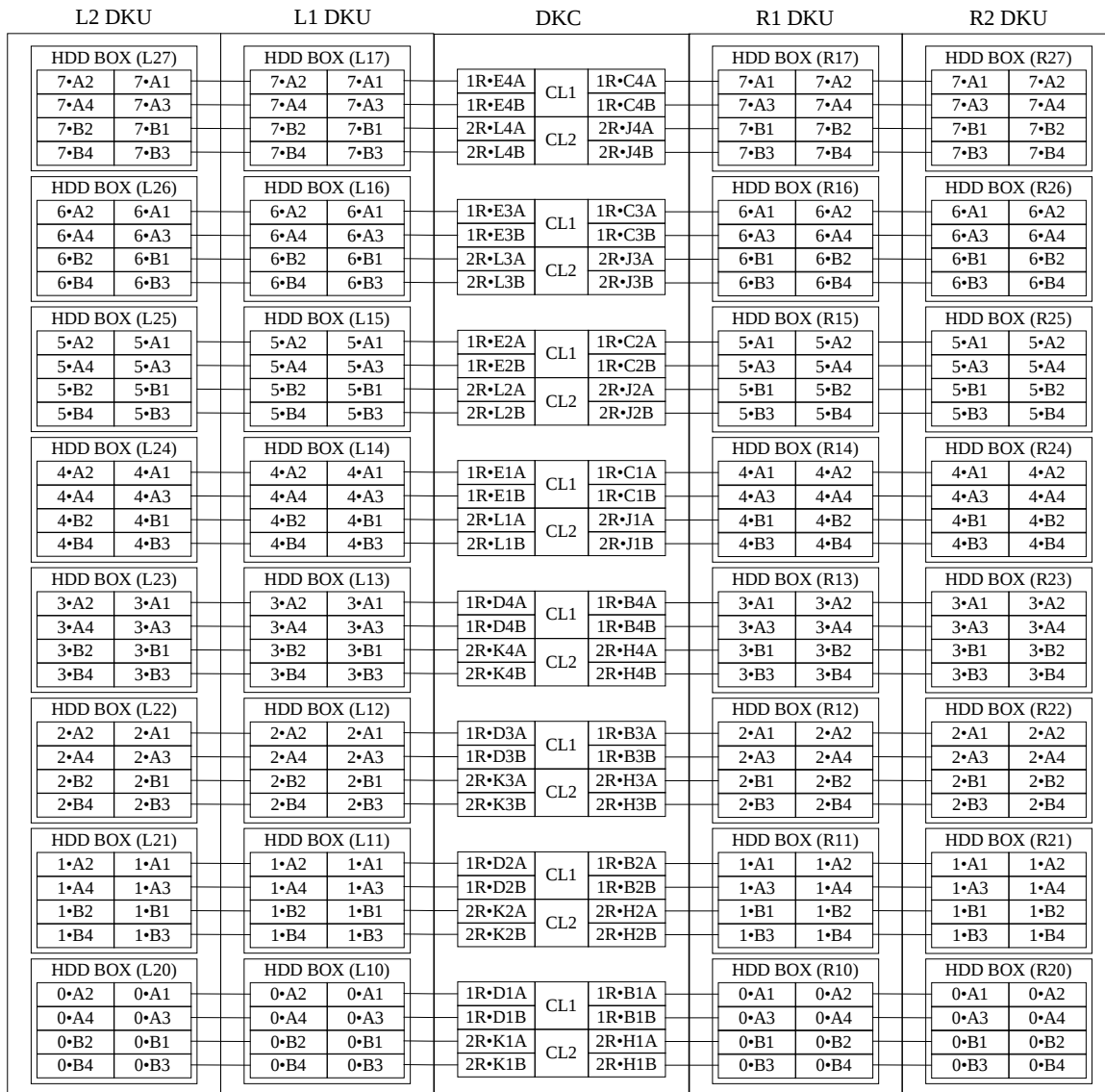


Fig. 5.1-5 Subsystem Internal Cabling Diagram ⑤

5.2 CABLE ASSEMBLY PARTS LIST

No.	Connector No.		Part No.	Part Name
	Source	Destination		
11-1	SH-B05(SH PL)	THF1(THORM-F1)	3261819-A	CABLE ASSY (TH)
		THF2(THORM-F2)		
		THR1(THORM-R1)		
		THR2(THORM-R2)		
2	SH-K05(SH PL)	JSVP(SVP-PS)	3261820-A	CABLE ASSY (SVP)
3	PIN1-1(Breaker Box-1)	PC111-1(AC BOX-R10)	3261822-A	CABLE ASSY (AC)
4	PIN1-2(Breaker Box-1)	PC112-1(AC BOX-R10)	3261822-B	CABLE ASSY (AC)
5	PIN2-1(Breaker Box-2)	PC111-2(AC BOX-R11)	3261822-C	CABLE ASSY (AC)
6	PIN2-2(Breaker Box-2)	PC112-2(AC BOX-R11)	3261822-D	CABLE ASSY (AC)
7	PS-E34(PS PL)	BT10A(BATTERY-10)	3261824-A	CABLE ASSY (BAT)
		BT10B(BATTERY-10)		
		BT11A(BATTERY-11)		
		BT11B(BATTERY-11)		
		BT12A(BATTERY-12)		
		BT12B(BATTERY-12)		
8	PS-E36(PS PL)	BT20A(BATTERY-20)	3261824-B	CABLE ASSY (BAT)
		BT20B(BATTERY-20)		
		BT21A(BATTERY-21)		
		BT21B(BATTERY-21)		
		BT22A(BATTERY-22)		
		BT22B(BATTERY-22)		
9	1F-N3(CSW)	P14(DKC PNL)	3261825-A	CABLE ASSY (MRP68)
			5485589-621	
10	1R-A3(CSW)	P15(DKC PNL)	3261825-B	CABLE ASSY (MRP68)
			5485589-622	
11	2F-Z3(CSW)	P17(DKC PNL)	3261825-C	CABLE ASSY (MRP68)
			5485589-623	
12	2R-M3(CSW)	P18(DKC PNL)	3261825-D	CABLE ASSY (MRP68)
			5485589-624	
13	SH-J02(SH PL)	PS-E38(PS PL)	3261825-E	CABLE ASSY (MRP68)
			5485589-625	
14	SH-B02(SH PL)	PS-E39(PS PL)	3261825-F	CABLE ASSY (MRP68)
			5485589-626	
15	SH-K04(SH PL)	P01(RS CON)	3261826-A	CABLE ASSY (MRP50)
			5485589-51	
16	SH-A02(SH PL)	1F-N2(CSW)	3261826-B	CABLE ASSY (MRP50)
			5485589-52	
17	SH-A04(SH PL)	2R-M2(CSW)	3261826-C	CABLE ASSY (MRP50)
			5485589-53	
18	SH-J03(SH PL)	P11(DKC PNL)	3261827-A	CABLE ASSY (50FA-ST)
			5516101-2	
19	P12(DKC PNL)	P90-1(PCI CON)	3261828-A	CABLE ASSY (26FA-ST 3CON)
		P90-2(PCI CON)	5516101-4	

(To be continued.)

(Continued from preceding sheet.)

No.	Connector No.		Part No.	Part Name
	Source	Destination		
20	RSVP-1 (RS CON)	— (SVP Basic)	5485510-14	CABLE (RS-232C)
21	RSVP-2 (RS CON)	— (SVP Option)	5485510-14	CABLE (RS-232C)
22	SH-B04 (SH PL)	P30 (HUB Box)	3261821-A	CABLE ASSY
23	REXP-1 (RS CON)	EXP-1 (HUB Box)	3263158-E	CABLE ASSY
24	1F-N1 (CSW-A)	CSW-1A (HUB Box)	3263158-A	LAN CABLE
25	1R-A1 (CSW-B)	CSW-1B (HUB Box)	3263158-B	LAN CABLE
26	2R-M1 (CSW-A)	CSW-2A (HUB Box)	3263158-C	LAN CABLE
27	2F-Z1 (CSW-B)	CSW-2B (HUB Box)	3263158-D	LAN CABLE
28	— (SVP Basic)	LSVP-1 (HUB Box)	5485506-3	LAN CABLE
29	— (SVP Option)	LSVP-2 (HUB Box)	5485506-3	LAN CABLE
30	JSVP-2 (—)	P40 (SVPPS Box)	3263443-A	CABLE ASSY
31	P3 (SSVP)	P41 (SVPPS Box)	3263444-A	CABLE ASSY
32	POUT1-1 (Breaker Box-1)	SUBPS1 (SWPS)	3263005-A	CABLE ASSY (INLET1)
		3VPS1A (SWPS)		
		3VPS1C (SWPS)		
		3VPS2D (SWPS)		
33	POUT1-2 (Breaker Box-2)	SUBPS2 (SWPS)	3263005-B	CABLE ASSY (INLET2)
		3VPS2A (SWPS)		
		3VPS2C (SWPS)		
		3VPS1D (SWPS)		
34	POUT2-1 (Breaker Box-1)	5/3VPS1A (SWPS)	3263006-A	CABLE ASSY (BRANCH)
		3VPS2B (SWPS)		
		5/3VPS2B (SWPS)		
35	POUT2-2 (Breaker Box-2)	5/3VPS1B (SWPS)	3263006-B	CABLE ASSY (BRANCH)
		3VPS1B (SWPS)		
		5/3VPS2A (SWPS)		
36	1R-B1A/B1B (DKA)	0-A1/A3 (FSW)	5513877-A	DEV I/F Cable 0
	1R-B2A/B2B (DKA)	1-A1/A3 (FSW)	5513877-B	DEV I/F Cable 0
	1R-B3A/B3B (DKA)	2-A1/A3 (FSW)	5513877-C	DEV I/F Cable 0
	1R-B4A/B4B (DKA)	3-A1/A3 (FSW)	5513877-D	DEV I/F Cable 0
	1R-C1A/C1B (DKA)	4-A1/A3 (FSW)	5513877-E	DEV I/F Cable 0
	1R-C2A/C2B (DKA)	5-A1/A3 (FSW)	5513877-F	DEV I/F Cable 0
	1R-C3A/C3B (DKA)	6-A1/A3 (FSW)	5513877-G	DEV I/F Cable 0
	1R-C4A/C4B (DKA)	7-A1/A3 (FSW)	5513877-H	DEV I/F Cable 0
	2R-H1A/H1B (DKA)	0-B1/B3 (FSW)	5513877-J	DEV I/F Cable 0
	2R-H2A/H2B (DKA)	1-B1/B3 (FSW)	5513877-K	DEV I/F Cable 0
	2R-H3A/H3B (DKA)	2-B1/B3 (FSW)	5513877-L	DEV I/F Cable 0
	2R-H4A/H4B (DKA)	3-B1/B3 (FSW)	5513877-M	DEV I/F Cable 0
	2R-J1A/J1B (DKA)	4-B1/B3 (FSW)	5513877-N	DEV I/F Cable 0
	2R-J2A/J2B (DKA)	5-B1/B3 (FSW)	5513877-P	DEV I/F Cable 0
	2R-J3A/J3B (DKA)	6-B1/B3 (FSW)	5513877-Q	DEV I/F Cable 0
	2R-J4A/J4B (DKA)	7-B1/B3 (FSW)	5513877-R	DEV I/F Cable 0

(To be continued.)

(Continued from preceding sheet.)

No.	Connector No.		Part No.	Part Name
	Source	Destination		
37	1R-D1A/D1B (DKA)	0-A1/A3 (FSW)	5513878-A	DEV I/F Cable 1
	1R-D2A/D2B (DKA)	1-A1/A3 (FSW)	5513878-B	DEV I/F Cable 1
	1R-D3A/D3B (DKA)	2-A1/A3 (FSW)	5513878-C	DEV I/F Cable 1
	1R-D4A/D4B (DKA)	3-A1/A3 (FSW)	5513878-D	DEV I/F Cable 1
	1R-E1A/E1B (DKA)	4-A1/A3 (FSW)	5513878-E	DEV I/F Cable 1
	1R-E2A/E2B (DKA)	5-A1/A3 (FSW)	5513878-F	DEV I/F Cable 1
	1R-E3A/E3B (DKA)	6-A1/A3 (FSW)	5513878-G	DEV I/F Cable 1
	1R-E4A/E4B (DKA)	7-A1/A3 (FSW)	5513878-H	DEV I/F Cable 1
	2R-K1A/K1B (DKA)	0-B1/B3 (FSW)	5513878-J	DEV I/F Cable 1
	2R-K2A/K2B (DKA)	1-B1/B3 (FSW)	5513878-K	DEV I/F Cable 1
	2R-K3A/K3B (DKA)	2-B1/B3 (FSW)	5513878-L	DEV I/F Cable 1
	2R-K4A/K4B (DKA)	3-B1/B3 (FSW)	5513878-M	DEV I/F Cable 1
	2R-L1A/L1B (DKA)	4-B1/B3 (FSW)	5513878-N	DEV I/F Cable 1
	2R-L2A/L2B (DKA)	5-B1/B3 (FSW)	5513878-P	DEV I/F Cable 1
	2R-L3A/L3B (DKA)	6-B1/B3 (FSW)	5513878-Q	DEV I/F Cable 1
	2R-L4A/L4B (DKA)	7-B1/B3 (FSW)	5513878-R	DEV I/F Cable 1
38	BATJP (BATCTR)		3254706-A	JUMPER (BATTERY)
39	Maintenance Jumper		3254707-A	JUMPER (MINI PV)
40	P204 (HDD PS PL)	P204 (HDD PS PL)	3261995-A 5516101-7	CABLE ASSY (MN/PSPL)
41	J204 (HDD PS PL)	P203 (HDD PS PL)	3261994-A 5516101-6	CABLE ASSY (PSPL)
42	P202 (HDD PS PL)	P301 (HDD PL)	3261993-A 5516101-5	CABLE ASSY (MN/HDDPL)
43	0-P201 (HDD PS PL)	0-P401 (HDD FAN) 1-P402 (HDD FAN)	3261992-A	CABLE ASSY (FAN)
44	1-P201 (HDD PS PL)	0-P402 (HDD FAN) 1-P401 (HDD FAN)	3261992-B	CABLE ASSY (FAN)
45	2-P201 (HDD PS PL)	2-P401 (HDD FAN) 3-P402 (HDD FAN)	3261992-C	CABLE ASSY (FAN)
46	3-P201 (HDD PS PL)	2-P402 (HDD FAN) 3-P401 (HDD FAN)	3261992-D	CABLE ASSY (FAN)
47	P101-1 (AC Box)	6-P601-1 (MPS) 7-P601-1 (MPS)	3261991-A	CABLE ASSY (DKU-AC)
48	P102-1 (AC Box)	4-P601-1 (MPS) 5-P601-1 (MPS)	3261991-B	CABLE ASSY (DKU-AC)
49	P103-1 (AC Box)	2-P601-1 (MPS) 3-P601-1 (MPS)	3261991-C	CABLE ASSY (DKU-AC)
50	P104-1 (AC Box)	0-P601-1 (MPS) 1-P601-1 (MPS)	3261991-D	CABLE ASSY (DKU-AC)
51	P101-2 (AC Box)	6-P601-2 (MPS) 7-P601-2 (MPS)	3261991-E	CABLE ASSY (DKU-AC)
52	P102-2 (AC Box)	4-P601-2 (MPS) 5-P601-2 (MPS)	3261991-F	CABLE ASSY (DKU-AC)

(To be continued.)

(Continued from preceding sheet.)

No.	Connector No.		Part No.	Part Name
	Source	Destination		
53	P103-2 (AC Box)	2-P601-2 (MPS)	3261991-G	CABLE ASSY (DKU-AC)
		3-P601-2 (MPS)		
54	P104-2 (AC Box)	0-P601-2 (MPS)	3261991-H	CABLE ASSY (DKU-AC)
		1-P601-2 (MPS)		
55	0-A2/A4 (FSW)	0-A1/A3 (FSW)	5513860-A	DEV I/F Cable 2
	1-A2/A4 (FSW)	1-A1/A3 (FSW)	5513860-B	DEV I/F Cable 2
	2-A2/A4 (FSW)	2-A1/A3 (FSW)	5513860-C	DEV I/F Cable 2
	3-A2/A4 (FSW)	3-A1/A3 (FSW)	5513860-D	DEV I/F Cable 2
	4-A2/A4 (FSW)	4-A1/A3 (FSW)	5513860-E	DEV I/F Cable 2
	5-A2/A4 (FSW)	5-A1/A3 (FSW)	5513860-F	DEV I/F Cable 2
	6-A2/A4 (FSW)	6-A1/A3 (FSW)	5513860-G	DEV I/F Cable 2
	7-A2/A4 (FSW)	7-A1/A3 (FSW)	5513860-H	DEV I/F Cable 2
	0-B2/B4 (FSW)	0-B1/B3 (FSW)	5513860-J	DEV I/F Cable 2
	1-B2/B4 (FSW)	1-B1/B3 (FSW)	5513860-K	DEV I/F Cable 2
	2-B2/B4 (FSW)	2-B1/B3 (FSW)	5513860-L	DEV I/F Cable 2
	3-B2/B4 (FSW)	3-B1/B3 (FSW)	5513860-M	DEV I/F Cable 2
	4-B2/B4 (FSW)	4-B1/B3 (FSW)	5513860-N	DEV I/F Cable 2
	5-B2/B4 (FSW)	5-B1/B3 (FSW)	5513860-P	DEV I/F Cable 2
	6-B2/B4 (FSW)	6-B1/B3 (FSW)	5513860-Q	DEV I/F Cable 2
	7-B2/B4 (FSW)	7-B1/B3 (FSW)	5513860-R	DEV I/F Cable 2

6 SPARE PARTS LIST

The following table shows the Spare parts of DKC460L.

No.	Part Name		Part Number	Corresponding List and Index Number
1	Serial 4-port CHA ASSY	WP462-A ×1 & SH281-C ×4	5513983-A	10-1
2	MF Fibre 4-port CHA ASSY (Short wave 1Gbps)	WP465-A ×1 & SH281-D ×4	5513984-A	10-2
3	MF Fibre 4-port CHA ASSY (Long wave 1Gbps)	WP465-B ×1 & SH281-D ×4	5513984-B	10-3
4	Fibre 4-port CHA ASSY (Short wave 1Gbps)	WP461-D ×1 & SH281-A ×2	5513980-B	10-4
5	Fibre 2-port CHA ASSY (Short wave 1/2Gbps)	WP461-E ×1 & SH281-A ×2	5513981-C	10-5
6	Fibre 4-port CHA ASSY (Short wave 1/2Gbps)	WP461-B ×1 & SH281-A ×4	5513981-A	10-6
7	Fibre 4-port CHA ASSY (Long wave 1/2Gbps)	WP461-C ×1 & SH281-A ×4	5513981-B	10-7
8	High performance DKA ASSY	WP471-B ×1 & SH281-B ×4	5513979-B	10-8
9	CACHE (Basic)	WP490-A P/K ASSY	5513976-A	10-9
10	CACHE (Option)	WP490-B P/K ASSY	5513976-B	10-10
11	CSW-A	WP481-A P/K ASSY	5513975-A	10-11
12	CSW-B	WP481-B P/K ASSY	5513975-B	10-12
13	PS PL	LR013-A B/P ASSY	5513974-A	—
14	SH-PL	LR014-A B/P ASSY	5513973-A	—
15	LOGIC PL	LR009-A B/P ASSY	5513972-A	—
16	CM-DIMM (Cache Memory Module)	SH288-B P/K ASSY	5513977-B	10-13
17	SM-DIMM (Shared Memory Module)	SH287-B P/K ASSY	5513978-B	10-14
18	AC BOX	Single Phase/40A	5513519-A	7-49
19	AC BOX	3 Phase/30A	5517802-A	7-56
20	AC BOX	Single Phase/30A	5517802-C	7-57
21	BREAKER BOX	3 Phase	5513517-A	7-8
22	3V PS	PPD03130 HS0429	5513969-A	7-2, 7-40
23	3V/5V PS (LG MPS)	PPD5002-1 HS0482	5513970-A	7-3
24	5V/12V PS (SUB MPS)	PPD7502 HS0591	5513971-A	7-4
25	THERMOSTAT ASSY (ALM (TH-L) ASSY)		5513989-A	7-7
26	BATTERY ASSY	Note1	5513990-A	7-26, 7-38

(To be continued.)

Note1: Refer to the Battery Management (See to [PARTS06-40](#)).

(Continued from preceding sheet.)

No.	Part Name		Part Number	Corresponding List and Index Number
27	DKC FAN ASSY (A)		5509121-A	7-5
28	DKC FAN ASSY (B)		5509121-B	7-6
29	EPO ASSY		5509122-A	8-4
30	SVP ASSY	FLORA270HX	5513995-A	7-22, 7-23
31	SVPPS BOX	SVPPS BOX	5513997-A	7-41
32	FLASH ROM	PCCF-H128MS	5513998-A	7-22-1, 7-23-1
33	HUB BOX	FS708EXL	5513999-A	7-42
34	BATCTR	SH200-A P/K ASSY	5509126-A	10-15
35	SSVP	SH313-A P/K ASSY	5514000-A	10-16
36	DKCMN	SH307-A P/K ASSY	5513986-A	10-17
37	DKCMN for UPS	SH307-B P/K ASSY	5513986-B	10-18
38	SVPPS	SH111-B P/K ASSY	5513987-B	10-19
39	DKC PNL	SH302-A P/K ASSY	5513988-A	8-2
40	DKC PNL for UPS	SH302-C P/K ASSY	5513988-C	8-12
41	UPS CON	SH298-A P/K ASSY	5513547-A	—
42	PCI CON	SH218-A P/K ASSY	5509131-A	7-37
43	RS CON	SH195-B P/K ASSY	5509132-B	7-27
44	MONI CON	SH305-A P/K ASSY	5513985-A	10-20
45	Additional SVP Memory		5518055-A	—
46	DEV I/F Cable 0	1R-B1A/B1B,0-A1/A3	5513877-A	11-36
47	DEV I/F Cable 0	1R-B2A/B2B,1-A1/A3	5513877-B	11-36
48	DEV I/F Cable 0	1R-B3A/B3B,2-A1/A3	5513877-C	11-36
49	DEV I/F Cable 0	1R-B4A/B4B,3-A1/A3	5513877-D	11-36
50	DEV I/F Cable 0	1R-C1A/C1B,4-A1/A3	5513877-E	11-36
51	DEV I/F Cable 0	1R-C2A/C2B,5-A1/A3	5513877-F	11-36
52	DEV I/F Cable 0	1R-C3A/C3B,6-A1/A3	5513877-G	11-36
53	DEV I/F Cable 0	1R-C4A/C4B,7-A1/A3	5513877-H	11-36
54	DEV I/F Cable 0	2R-H1A/H1B,0-B1/B3	5513877-J	11-36
55	DEV I/F Cable 0	2R-H2A/H2B,1-B1/B3	5513877-K	11-36
56	DEV I/F Cable 0	2R-H3A/H3B,2-B1/B3	5513877-L	11-36
57	DEV I/F Cable 0	2R-H4A/H4B,3-B1/B3	5513877-M	11-36
58	DEV I/F Cable 0	2R-J1A/J1B,4-B1/B3	5513877-N	11-36
59	DEV I/F Cable 0	2R-J2A/J2B,5-B1/B3	5513877-P	11-36
60	DEV I/F Cable 0	2R-J3A/J3B,6-B1/B3	5513877-Q	11-36
61	DEV I/F Cable 0	2R-J4A/J4B,7-B1/B3	5513877-R	11-36

(To be continued.)

(Continued from preceding sheet.)

No.	Part Name		Part Number	Corresponding List and Index Number
62	DEV I/F Cable 1	1R-D1A/D1B,0-A1/A3	5513878-A	11-37
63	DEV I/F Cable 1	1R-D2A/D2B,1-A1/A3	5513878-B	11-37
64	DEV I/F Cable 1	1R-D3A/D3B,2-A1/A3	5513878-C	11-37
65	DEV I/F Cable 1	1R-D4A/D4B,3-A1/A3	5513878-D	11-37
66	DEV I/F Cable 1	1R-E1A/E1B,4-A1/A3	5513878-E	11-37
67	DEV I/F Cable 1	1R-E2A/E2B,5-A1/A3	5513878-F	11-37
68	DEV I/F Cable 1	1R-E3A/E3B,6-A1/A3	5513878-G	11-37
69	DEV I/F Cable 1	1R-E4A/E4B,7-A1/A3	5513878-H	11-37
70	DEV I/F Cable 1	2R-K1A/K1B,0-B1/B3	5513878-J	11-37
71	DEV I/F Cable 1	2R-K2A/K2B,1-B1/B3	5513878-K	11-37
72	DEV I/F Cable 1	2R-K3A/K3B,2-B1/B3	5513878-L	11-37
73	DEV I/F Cable 1	2R-K4A/K4B,3-B1/B3	5513878-M	11-37
74	DEV I/F Cable 1	2R-L1A/L1B,4-B1/B3	5513878-N	11-37
75	DEV I/F Cable 1	2R-L2A/L2B,5-B1/B3	5513878-P	11-37
76	DEV I/F Cable 1	2R-L3A/L3B,6-B1/B3	5513878-Q	11-37
77	DEV I/F Cable 1	2R-L4A/L4B,7-B1/B3	5513878-R	11-37
78	Fibre 4-port CHA ASSY (Short wave 1Gbps)	WP461-H ×1 & SH281-A ×2	5518079-C	10-21
79	Fibre 2-port CHA ASSY (Short wave 1-2Gbps)	WP461-J ×1 & SH281-A ×2	5518079-D	10-22
80	Fibre 4-port CHA ASSY (Short wave 1-2Gbps)	WP461-F ×1 & SH281-A ×4	5518079-A	10-23
81	Fibre 4-port CHA ASSY (Long wave 1-2Gbps)	WP461-G ×1 & SH281-A ×4	5518079-B	10-24

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

The batteries that are installed into a DKC that is in operation must be discarded when the DKC is de-installed and the batteries installed have greater than 4 months of operation. If the DKC is not de-installed but is in operation then the batteries must be replaced every 2.5 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 years 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) must receive a 48 hour 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 48 hour charge every 3 months. When the storage environment exceeds 32 Celsius the batteries must be discarded. Battery charging can be accomplished in a DKC set up for charging purposes, or using a Battery Charger.

The following table shows the Spare parts of DKU455I.

No.	Part Name		Part Number	Corresponding List and Index Number
1	AC BOX	3 Phase/60A	5513851-A	4-2
2	AC BOX	Single Phase/50A	5513852-A	4-2
3	AC BOX	3 Phase/30A	5518051-A	4-2
4	AC BOX	Single Phase/30A	5518052-A	4-2
5	5V/12V PS (HDD PS)	PPD13502	5513853-A	4-5
		HS1182		
6	FSW-A	SH303-A P/K ASSY	5513854-A	4-5
7	FSW-B	SH303-B P/K ASSY	5513854-B	4-6
8	HDD B/P	LR011-A B/P ASSY	5513856-A	4-16
9	HDD PS B/P	LR015-A B/P ASSY	5513857-A	4-17
10	JMP	SH304-A P/K ASSY	5513855-A	4-4
11	HDD FAN ASSY		5513858-A	3-16
12	HDU450-36K1FC	DKS2B-K36FC	5515544-A	4-10
13	HDU450-72J1FC	DKR2D-J72FC	5513873-A	4-10
14	DEV I/F Cable 2	0-A2/A4 , 0-A1/A3	5513860-A	11-55
15	DEV I/F Cable 2	1-A2/A4 , 1-A1/A3	5513860-B	11-55
16	DEV I/F Cable 2	2-A2/A4 , 2-A1/A3	5513860-C	11-55
17	DEV I/F Cable 2	3-A2/A4 , 3-A1/A3	5513860-D	11-55
18	DEV I/F Cable 2	4-A2/A4 , 4-A1/A3	5513860-E	11-55
19	DEV I/F Cable 2	5-A2/A4 , 5-A1/A3	5513860-F	11-55
20	DEV I/F Cable 2	6-A2/A4 , 6-A1/A3	5513860-G	11-55
21	DEV I/F Cable 2	7-A2/A4 , 7-A1/A3	5513860-H	11-55
22	DEV I/F Cable 2	0-B2/B4 , 0-B1/B3	5513860-J	11-55
23	DEV I/F Cable 2	1-B2/B4 , 1-B1/B3	5513860-K	11-55
24	DEV I/F Cable 2	2-B2/B4 , 2-B1/B3	5513860-L	11-55
25	DEV I/F Cable 2	3-B2/B4 , 3-B1/B3	5513860-M	11-55
26	DEV I/F Cable 2	4-B2/B4 , 4-B1/B3	5513860-N	11-55
27	DEV I/F Cable 2	5-B2/B4 , 5-B1/B3	5513860-P	11-55
28	DEV I/F Cable 2	6-B2/B4 , 6-B1/B3	5513860-Q	11-55
29	DEV I/F Cable 2	7-B2/B4 , 7-B1/B3	5513860-R	11-55

7 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 (PHILIPS TYPE)	No. 2 x 38	
Stubby driver set (PHILIPS TYPE)		
Screw driver set (STRAIGHT TYPE)		
Insulated cutting pliers	175mm	
Insulated radio pliers	150mm	
Insulated cutting nipper	150mm	
Pincette	125mm	Used for field change.
Soldering iron	25W	
Soldering iron	100W	
Wrapping tool		Used for inspection.
Oscilloscope	200MHz	
Digital voltmeter	AC, DC, OHM	

The following table shows the special tools:

	Tool Name	Parts No.	Remarks
DKC460I	Fiber wraparound connector	5430106-1	For diagnostics for serial channel Interface
	Torques driver	5480359-1	For replacement of SVP
	DIMM puller	5480389-A	For removing memory module (SM/CM)
	Power supply check cable	3257488-A	For check of DC voltage
	Screw driver with insulated blade	5480302-1	For removing screw
	Dust cover	5500729-1	For reduce the dust sticking to memory module socket
	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.
DKU455I	Dummy Canister	5515785-A	This must be inserted for all empty HDD slots to generate stable airflow inside the DKU frame for efficient cooling.

*1: RSD does not supply the above described Special Tools marked with ‘*1’.
Please try to purchase them locally.