

8. Remove the cable fixing wires and repeat binders and remove the SCSI interface cables from inside the DKU chassis.

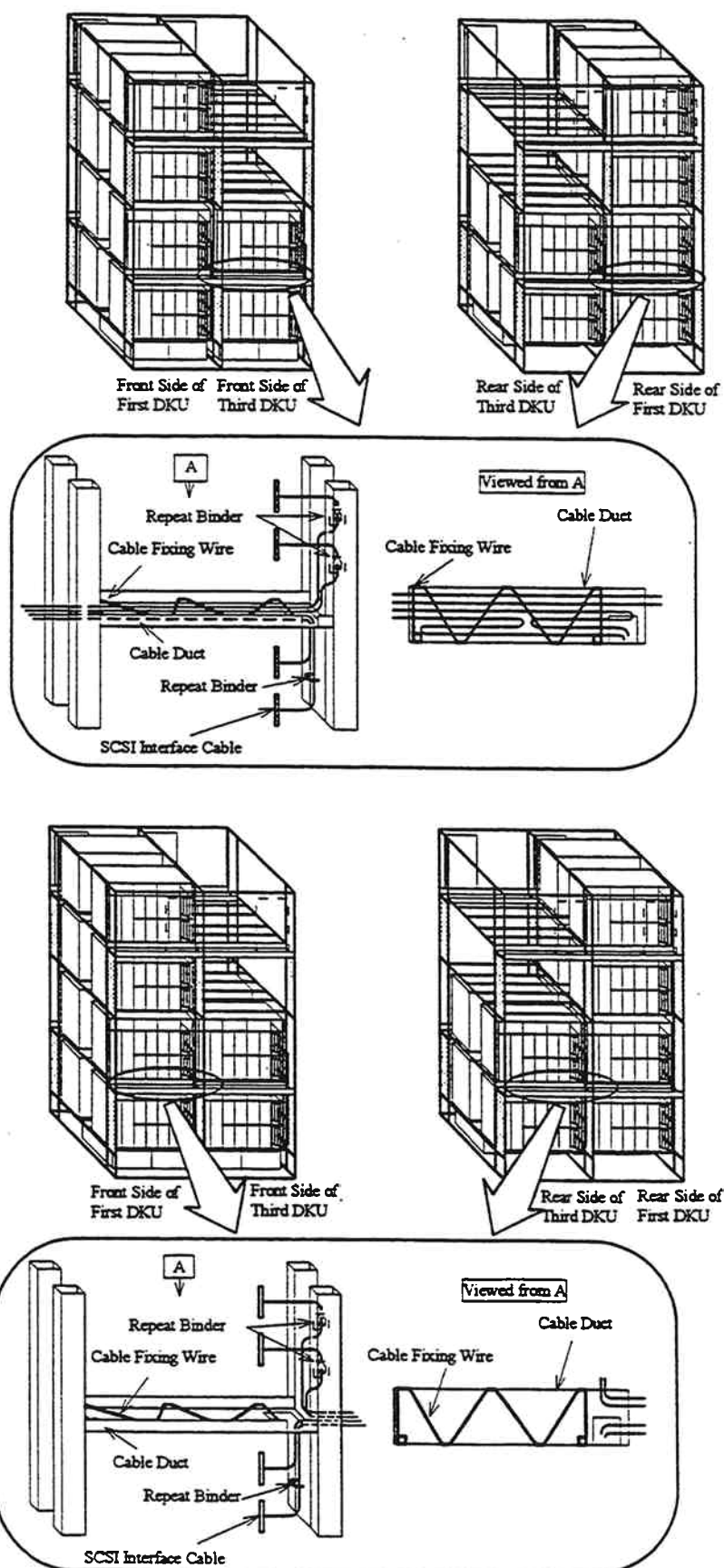


Fig. 3.4.3.2.3-9 Removal of the SCSI Interface Cables

9. Remove the nameplate from the third DKU chassis.

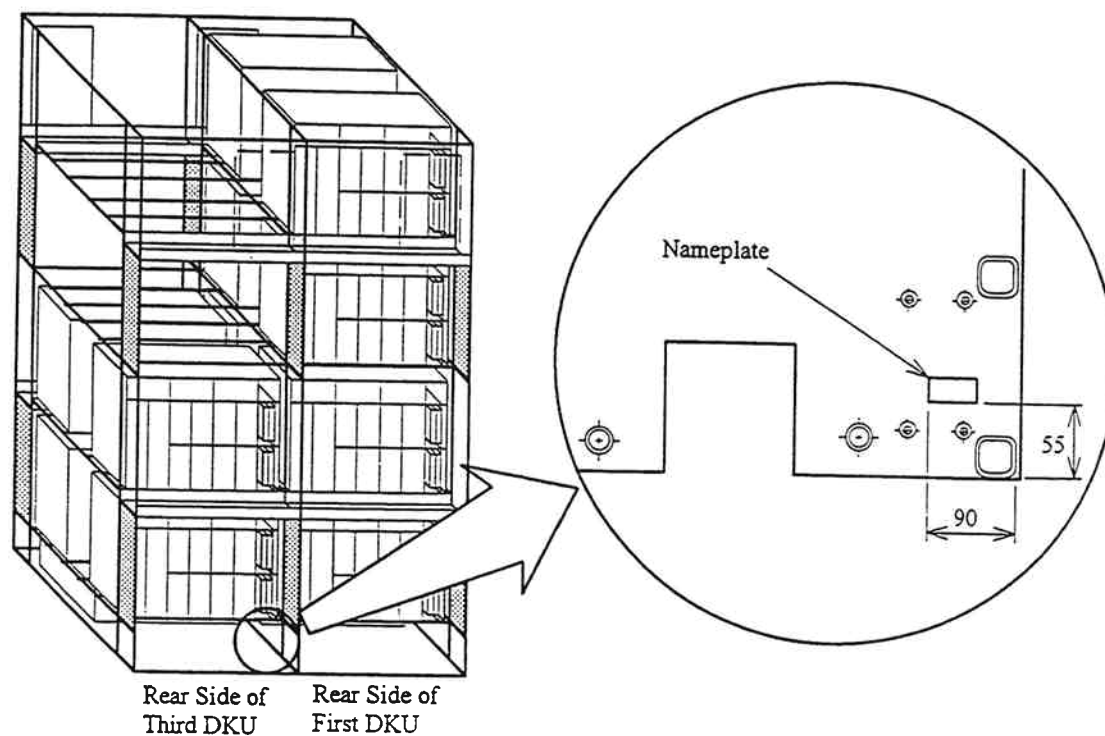


Fig. 3.4.3.2.3-10 Removal of the Nameplate

10. Go to INST02-59 Step ⑦.

3.4.3.2.4 Disconnection Procedure of Additional SCSI Interface Cables(In case of HDU-R27 from R24)

1. In the first DKU chassis, check that the Shut Down LEDs are lit on the SCSI BFR PCBs from which the SCSI interface cables are to be disconnected.

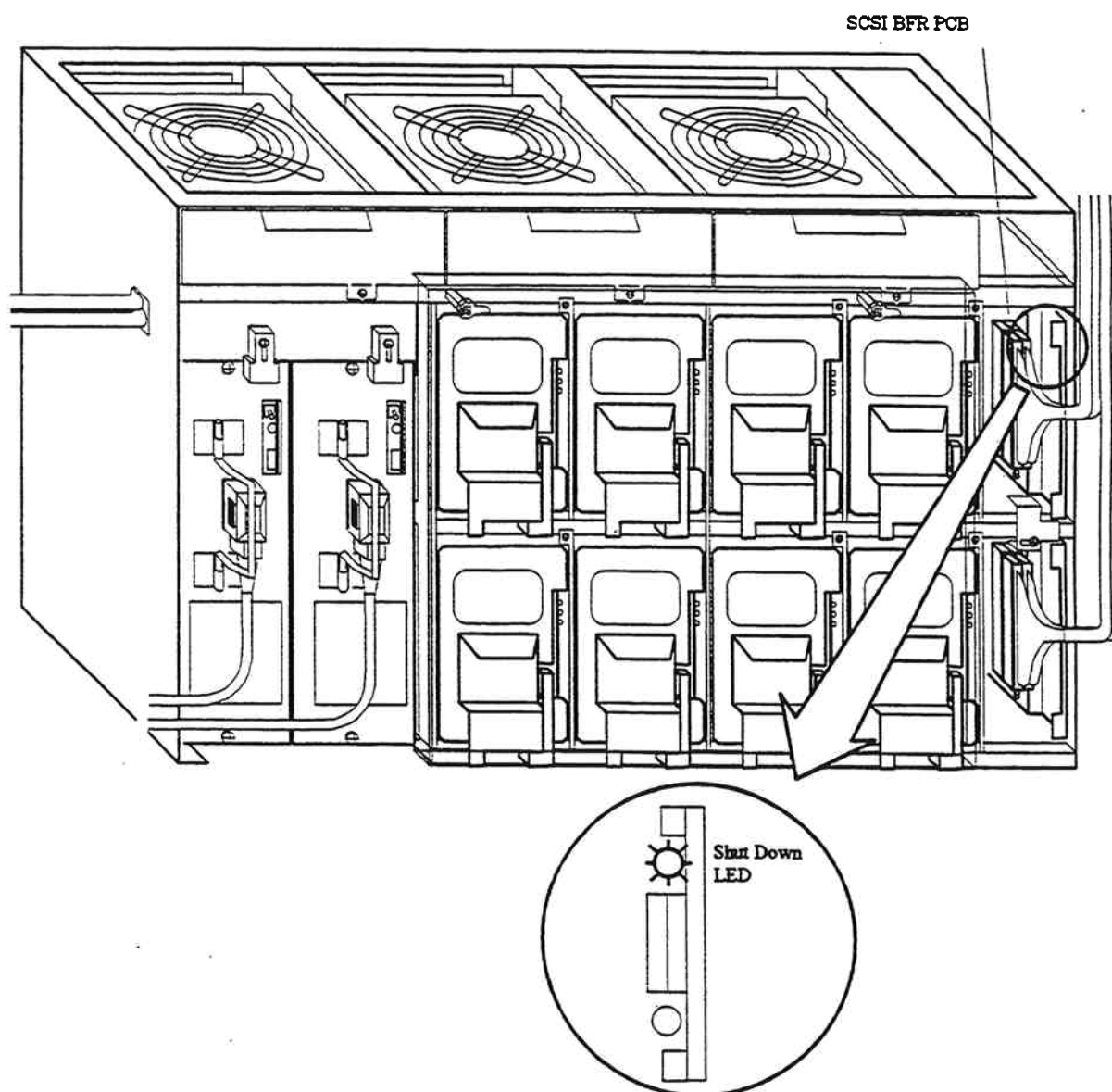


Fig. 3.4.3.2.4-1 Confirmation of the Shut Down LED Light

2. Disconnect the SCSI interface cables from the SCSI BFR PCBs in the first DKU chassis referring to figures 3.4.3.2.4-2 and 3.4.3.2.4-3.

Notice

When disconnecting the SCSI interface extension cable (DKU-F205I-34C) during the operation of subsystem, take the following actions from SVP to allow disconnection of only the SCSI interface cable whose Shut Down LED goes on.

1. Block the SCSI bus disconnecting the SCSI interface cable.
2. Light the Shut Down LED on the SCSI BFR PCB on the SCSI bus.

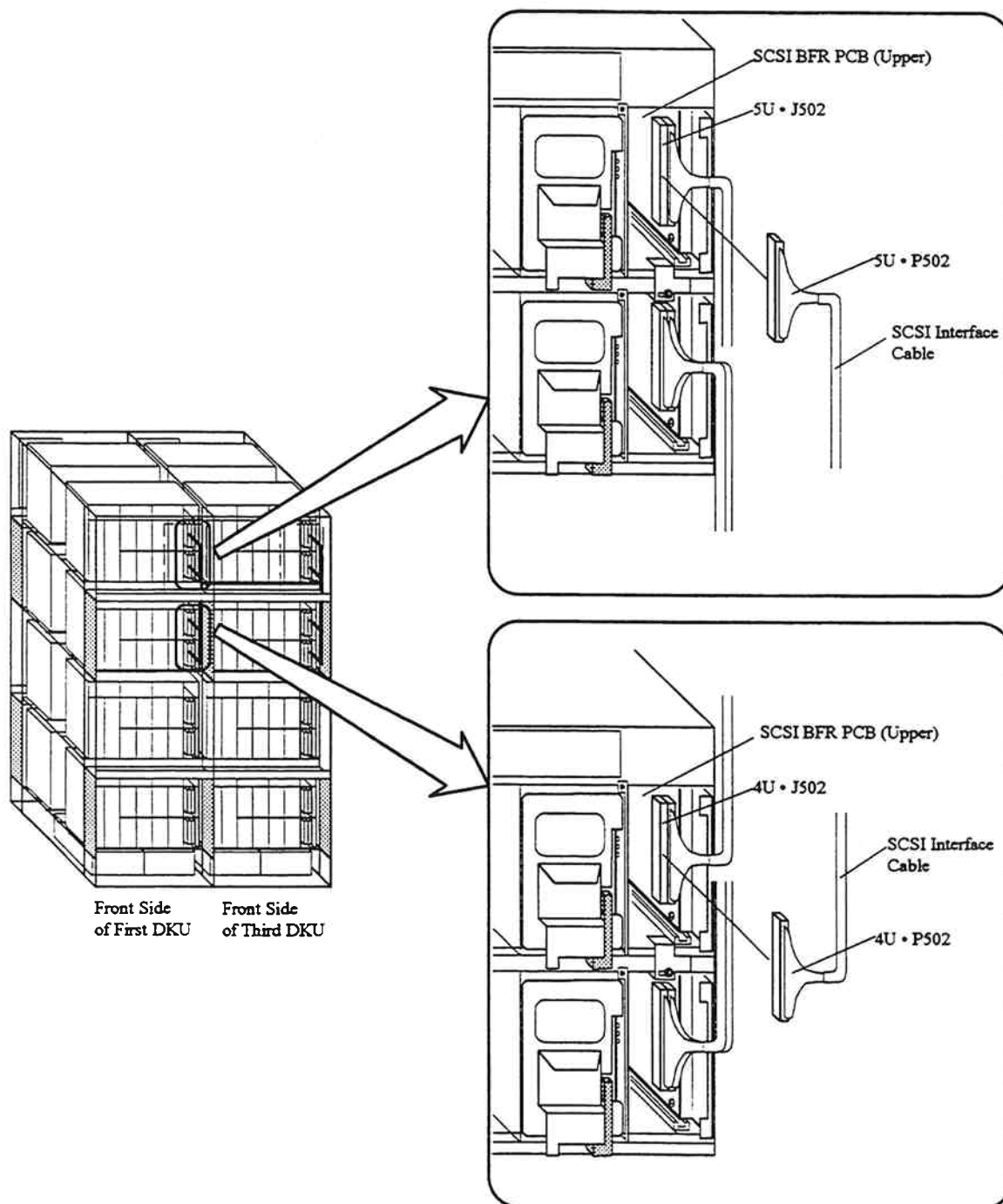


Fig. 3.4.3.2.4-2 Disconnection of the SCSI Interface Cables

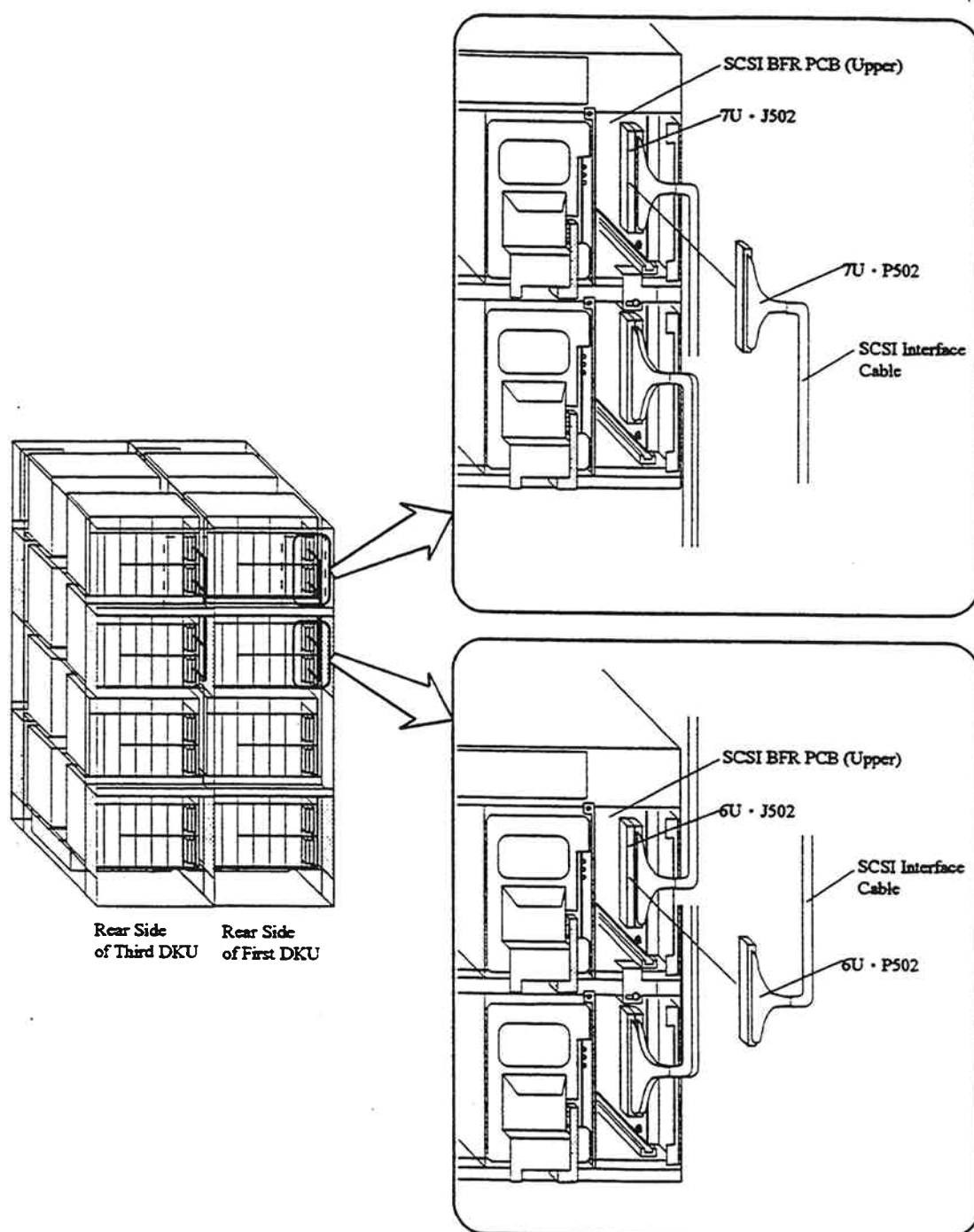


Fig. 3.4.3.2.4-3 Disconnection of the SCSI Interface Cables

3. Refer to INST02-58© when disconnecting the additional SCSI interface cable while the sub-system is in operation. Refer to INST04-866 when disconnecting the additional SCSI interface cable with the sub-system switched off.

4. In the first DKU chassis, check that the Shut Down LEDs are lit on the SCSI BFR PCBs on the other side from which the SCSI interface cables are to be disconnected.

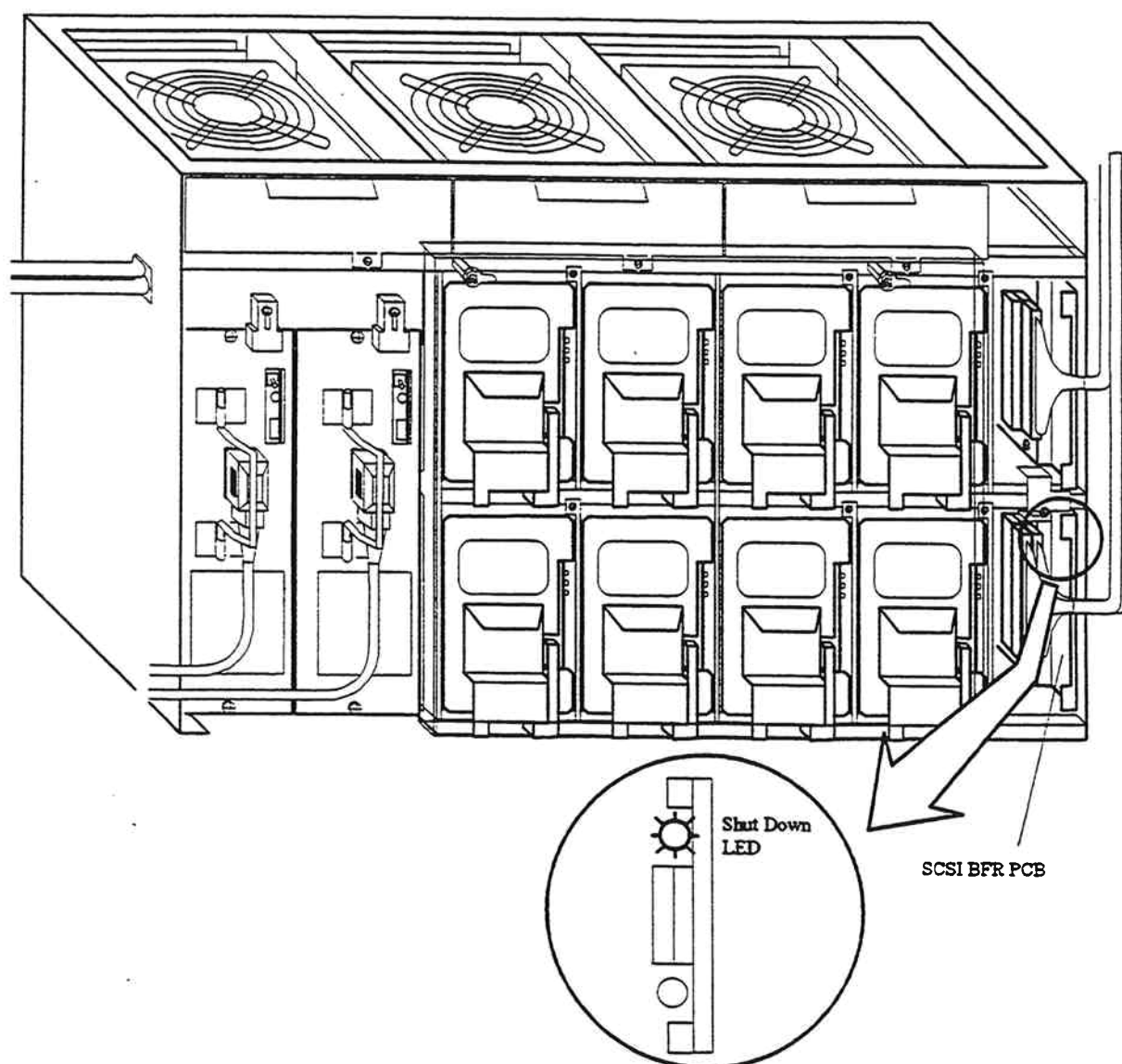


Fig. 3.4.3.2.4-4 Confirmation of the Shut Down LED Light

5. Disconnect the SCSI interface cables from the SCSI BFR PCBs in the first DKU chassis referring to figures 3.4.3.2.4-5 and 3.4.3.2.4-6.

Notice

When disconnecting the SCSI interface extension cable (DKU-F205I-34C) during the operation of subsystem, take the following actions from SVP to allow disconnection of only the SCSI interface cable whose Shut Down LED goes on.

1. Block the SCSI bus disconnecting the SCSI interface cable.
2. Light the Shut Down LED on the SCSI BFR PCB on the SCSI bus.

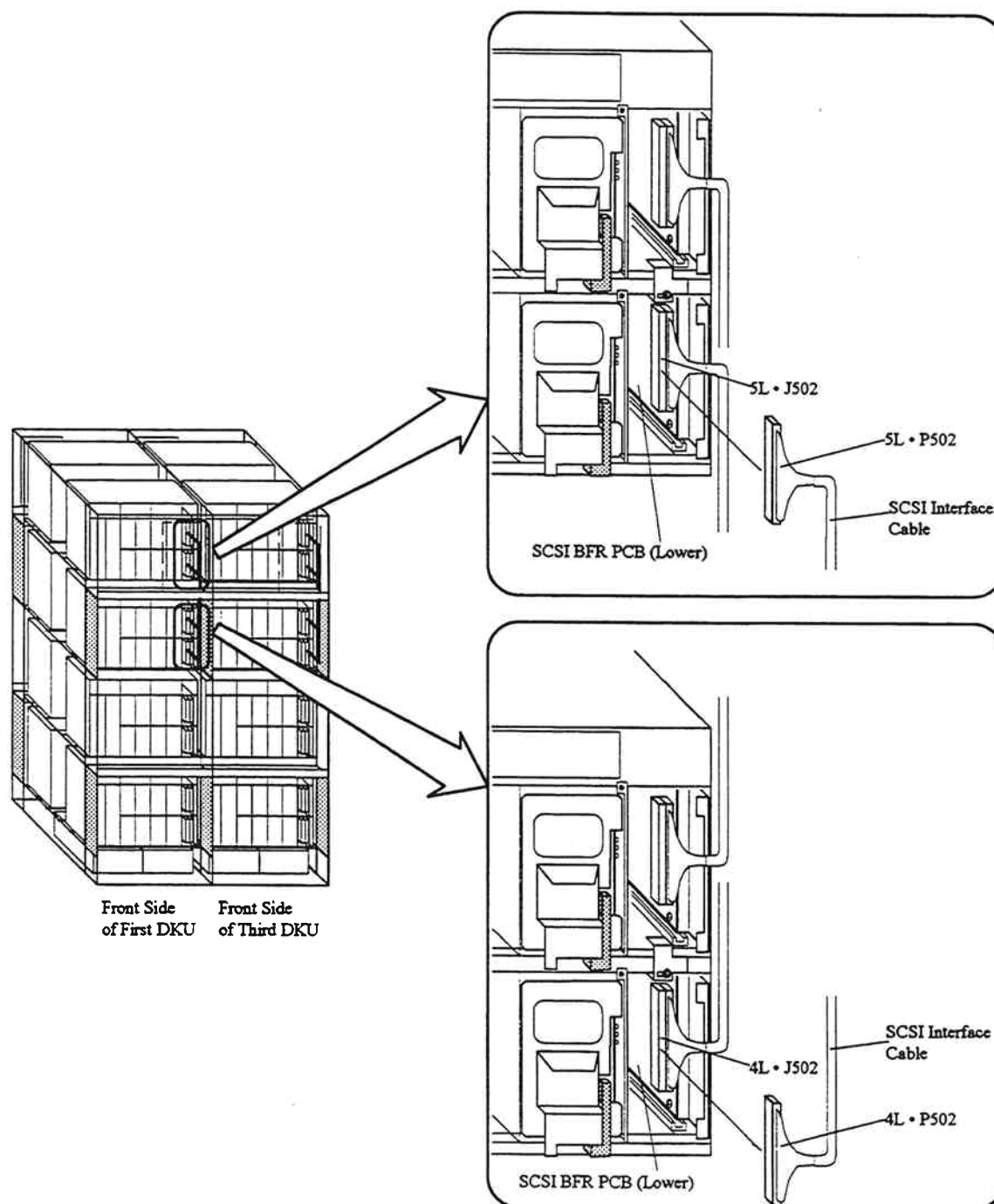


Fig. 3.4.3.2.4-5 Disconnection of the SCSI Interface Cables

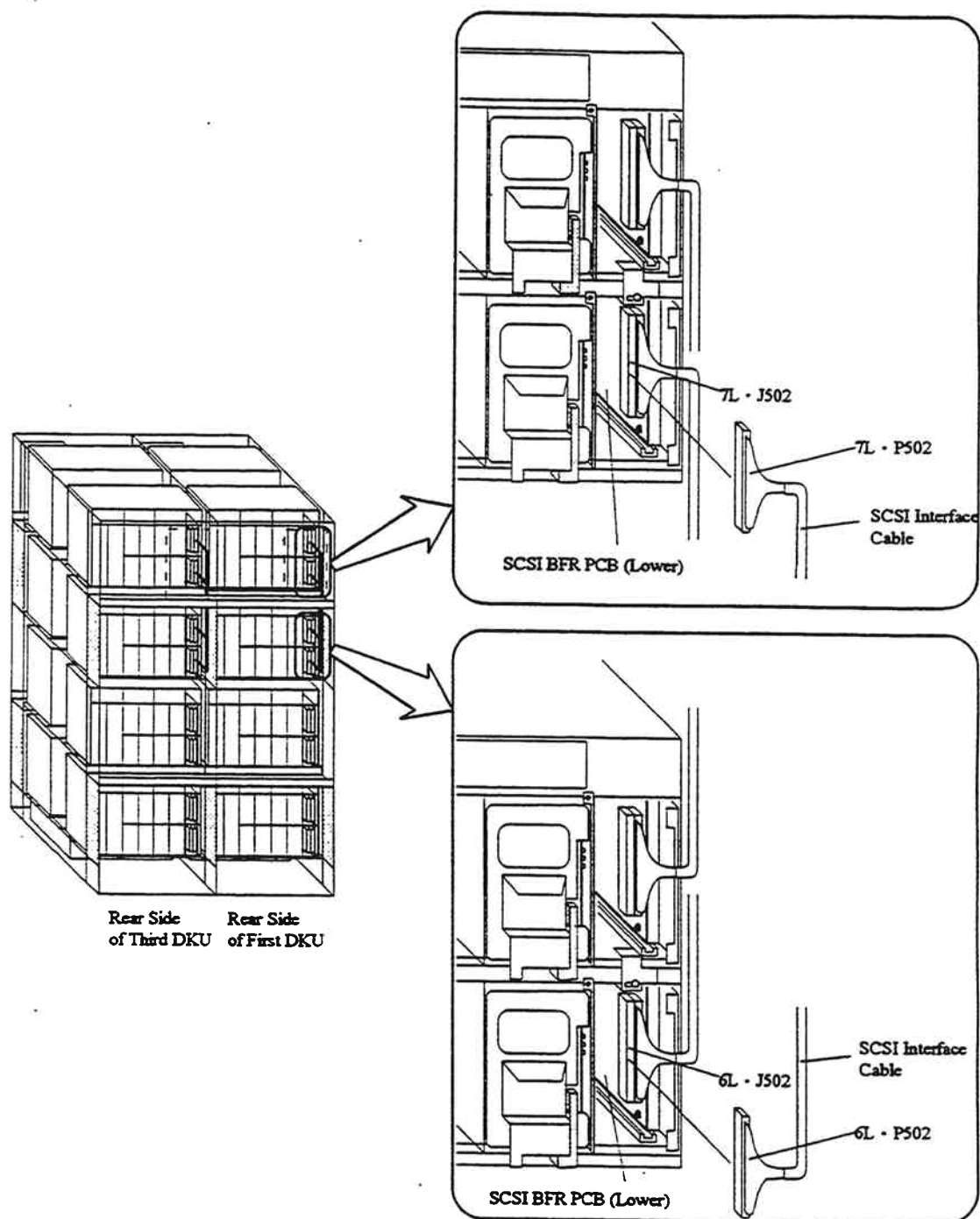


Fig. 3.4.3.2.4-6 Disconnection of the SCSI Interface Cables

6. Refer to INST02-59© when disconnecting the additional SCSI interface cable while the sub-system is in operation. Refer to INST04-870 when disconnecting the additional SCSI interface cable with the sub-system switched off.

7. Disconnect the SCSI interface cables from the SCSI BFR PCBs in the third DKU chassis referring to figures 3.4.3.2.4-7 and 3.4.3.2.4-8.

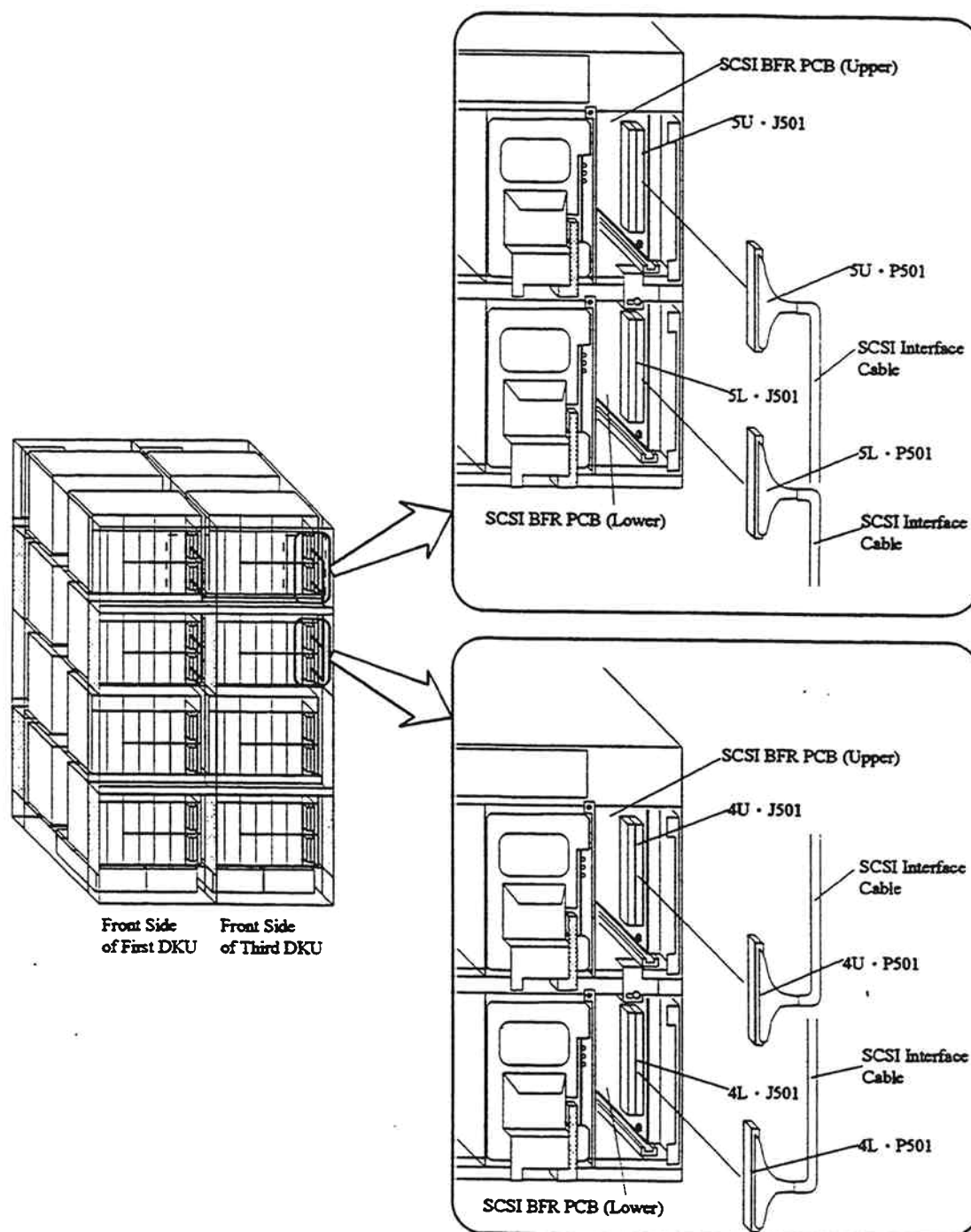


Fig. 3.4.3.2.4-7 Disconnection of the SCSI Interface Cables

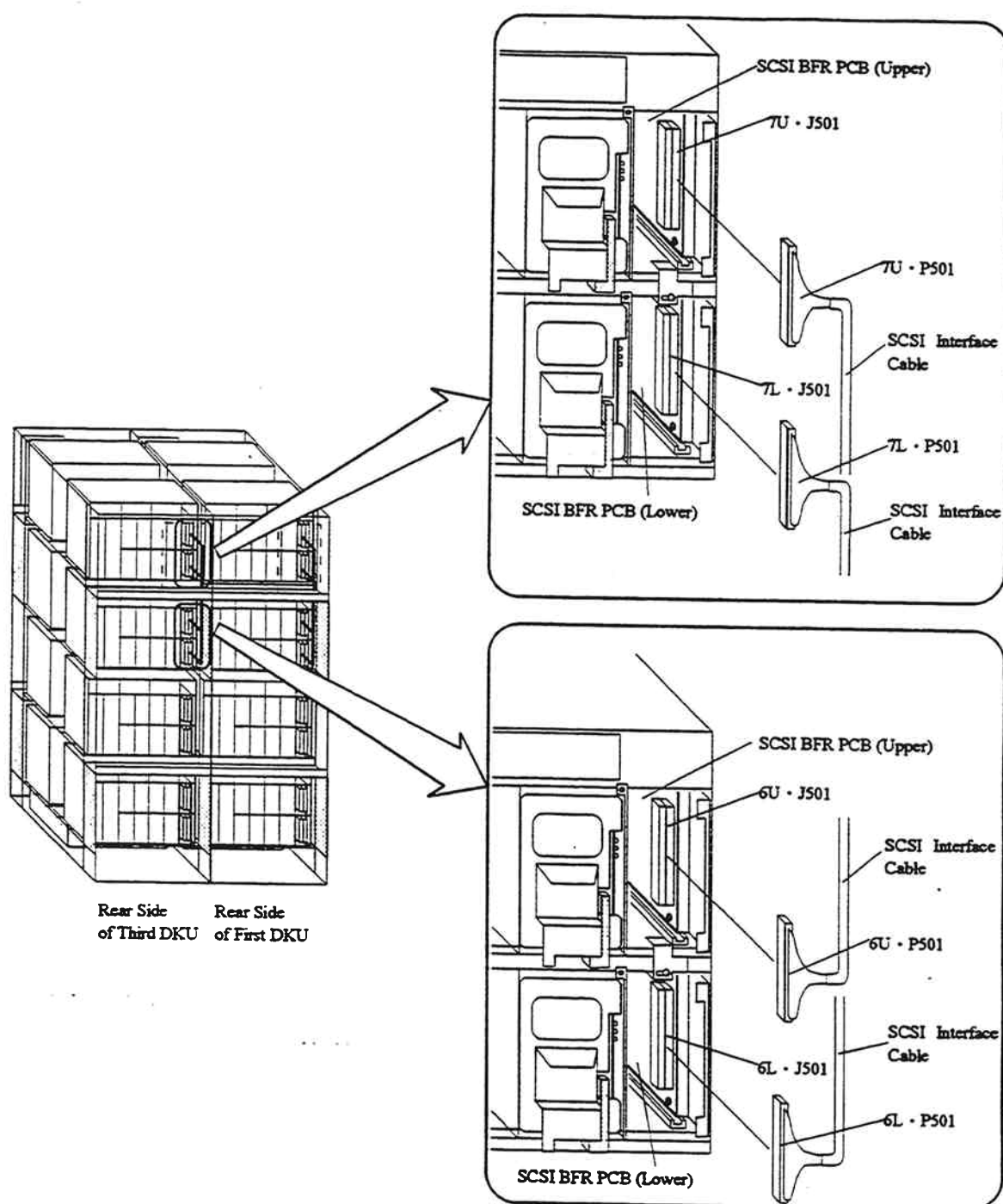


Fig. 3.4.3.2.4-8 Disconnection of the SCSI Interface Cables

8. Remove the cable fixing wires and repeat binders and remove the SCSI interface cables from inside the DKU chassis.

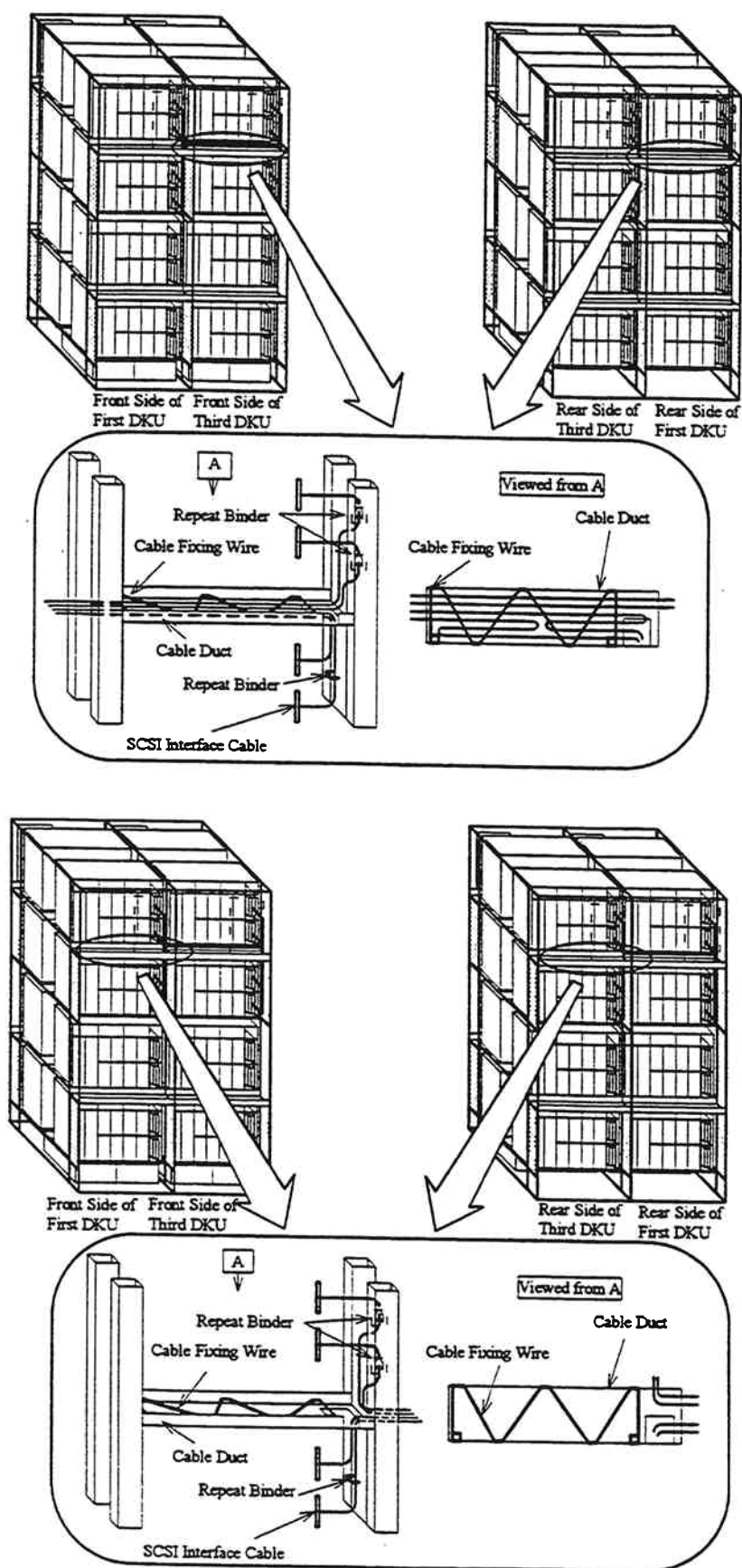


Fig. 3.4.3.2.4-9 Removal of the SCSI Interface Cables

9. When the third DKU chassis consists of 4 HDU boxes, fix the disconnected SCSI interface cables in the third DKU chassis with the binders.

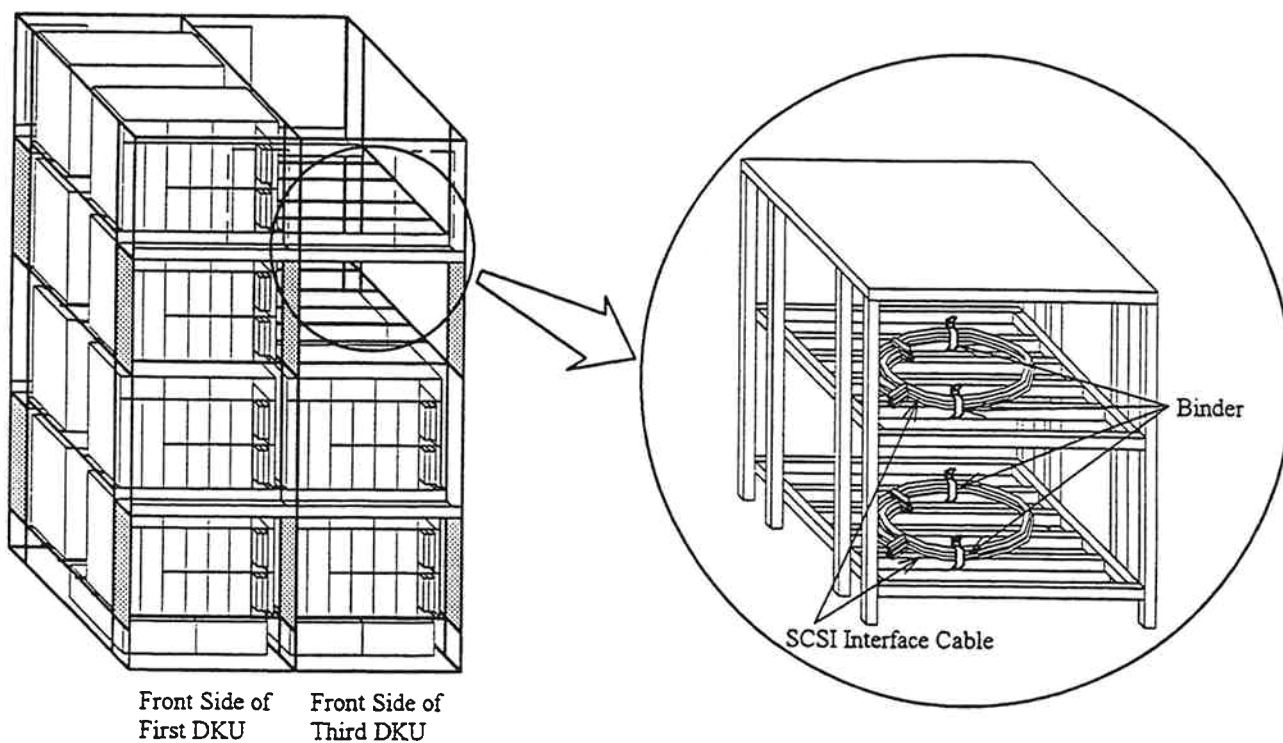


Fig. 3.4.3.2.4-10 Fixation of the SCSI Interface Cables

10. Go to INST02-59 Step ⑦.

3.4.3.2.5 Disconnection Procedure of Additional SCSI Interface Cables(In case of HDU-L23 from L20)

1. In the second DKU chassis, check that the Shut Down LEDs are lit on the SCSI BFR PCBs from which the SCSI interface cables are to be disconnected.

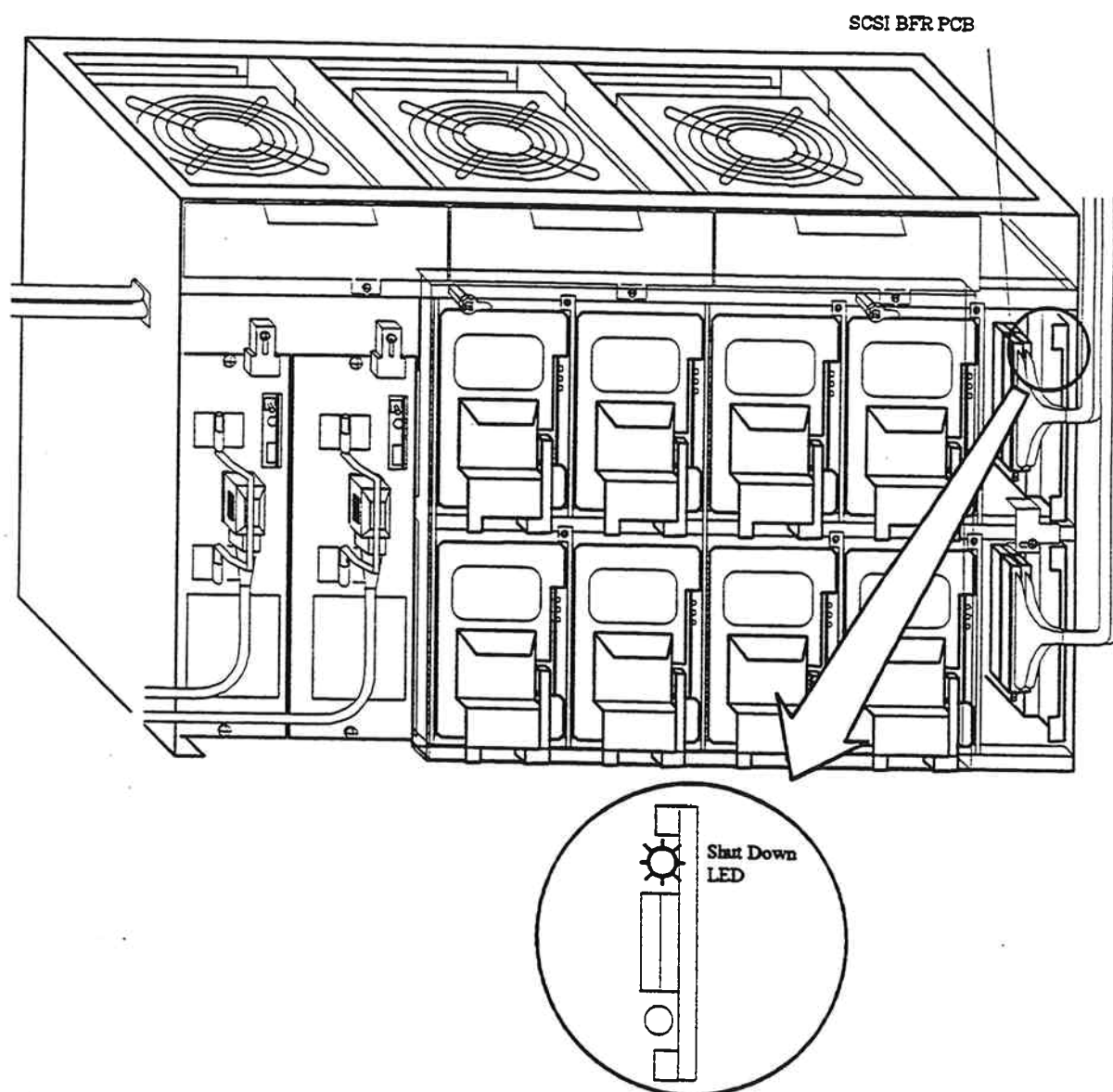


Fig. 3.4.3.2.5-1 Confirmation of the Shut Down LED Light

2. Disconnect the SCSI interface cables from the SCSI BFR PCBs in the second DKU chassis referring to figures 3.4.3.2.5-2 and 3.4.3.2.5-3.

Notice

When disconnecting the SCSI interface extension cable (DKU-F205I-34C) during the operation of subsystem, take the following actions from SVP to allow disconnection of only the SCSI interface cable whose Shut Down LED goes on.

1. Block the SCSI bus disconnecting the SCSI interface cable.
2. Light the Shut Down LED on the SCSI BFR PCB on the SCSI bus.

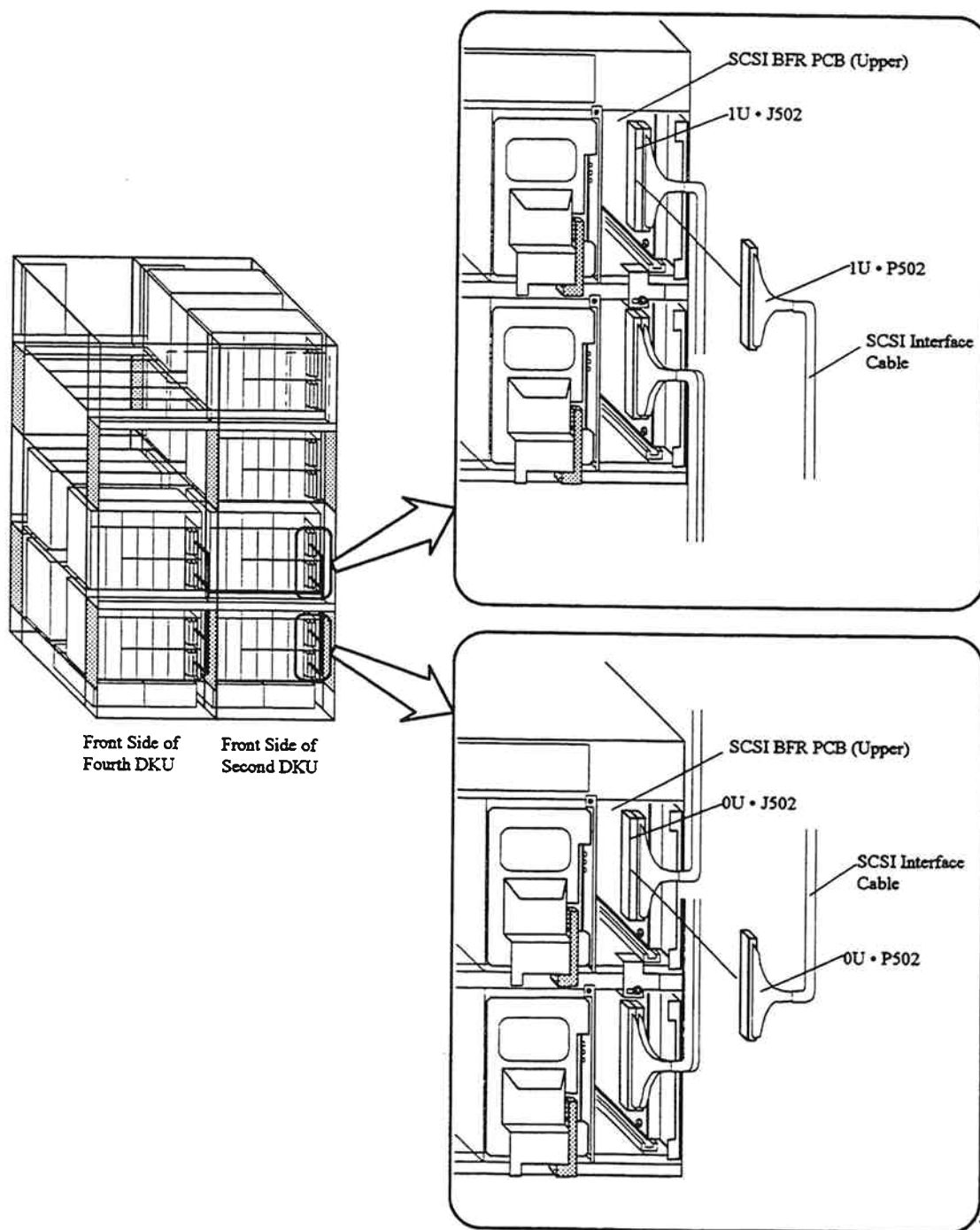


Fig. 3.4.3.2.5-2 Disconnection of the SCSI Interface Cables

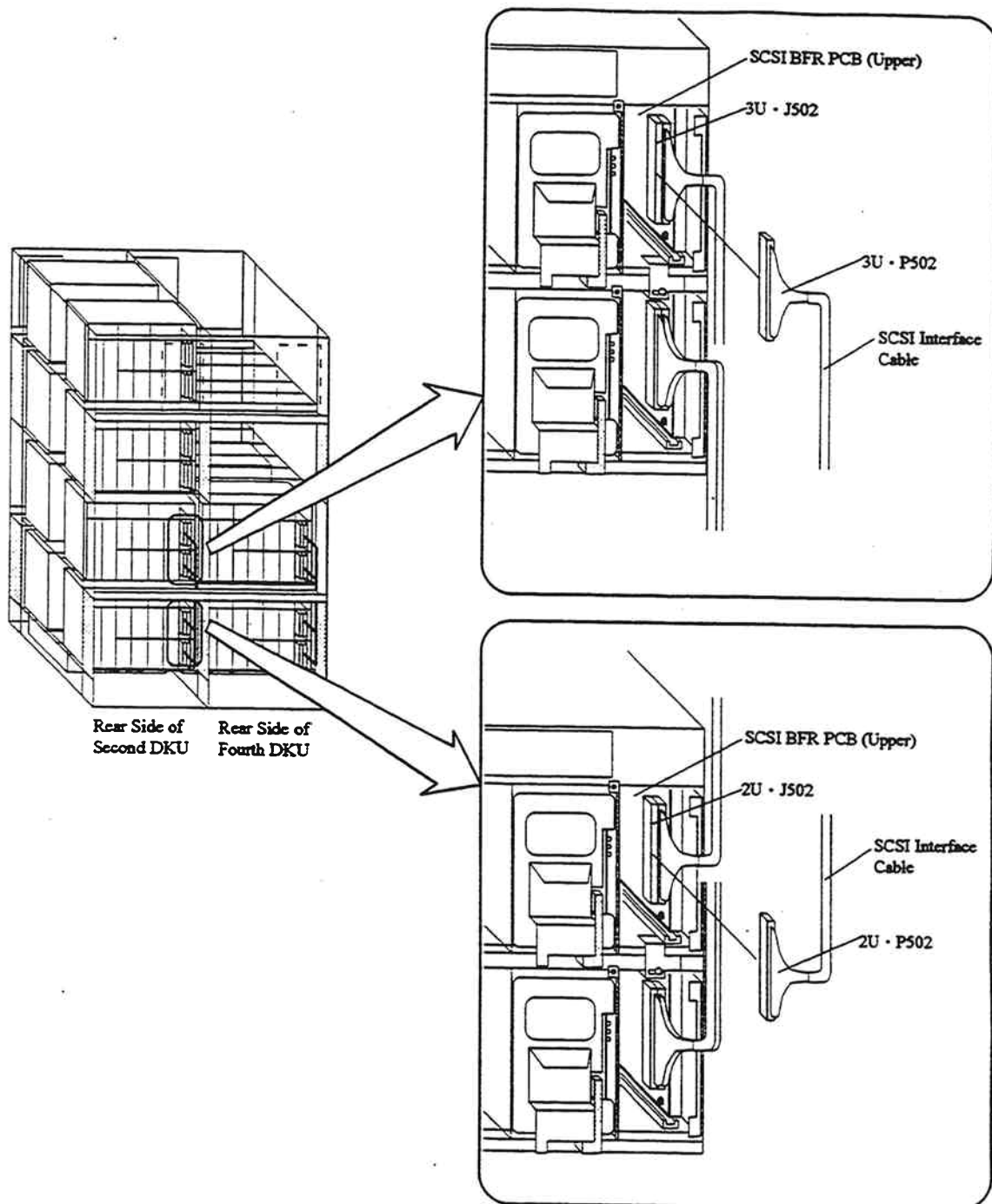


Fig. 3.4.3.2.5-3 Disconnection of the SCSI Interface Cables

3. Refer to INST02-58③ when disconnecting the additional SCSI interface cable while the sub-system is in operation. Refer to INST04-886 when disconnecting the additional SCSI interface cable with the sub-system switched off.

4. In the second DKU chassis, check that the Shut Down LEDs are lit on the SCSI BFR PCBs on the other side from which the SCSI interface cables are to be disconnected.

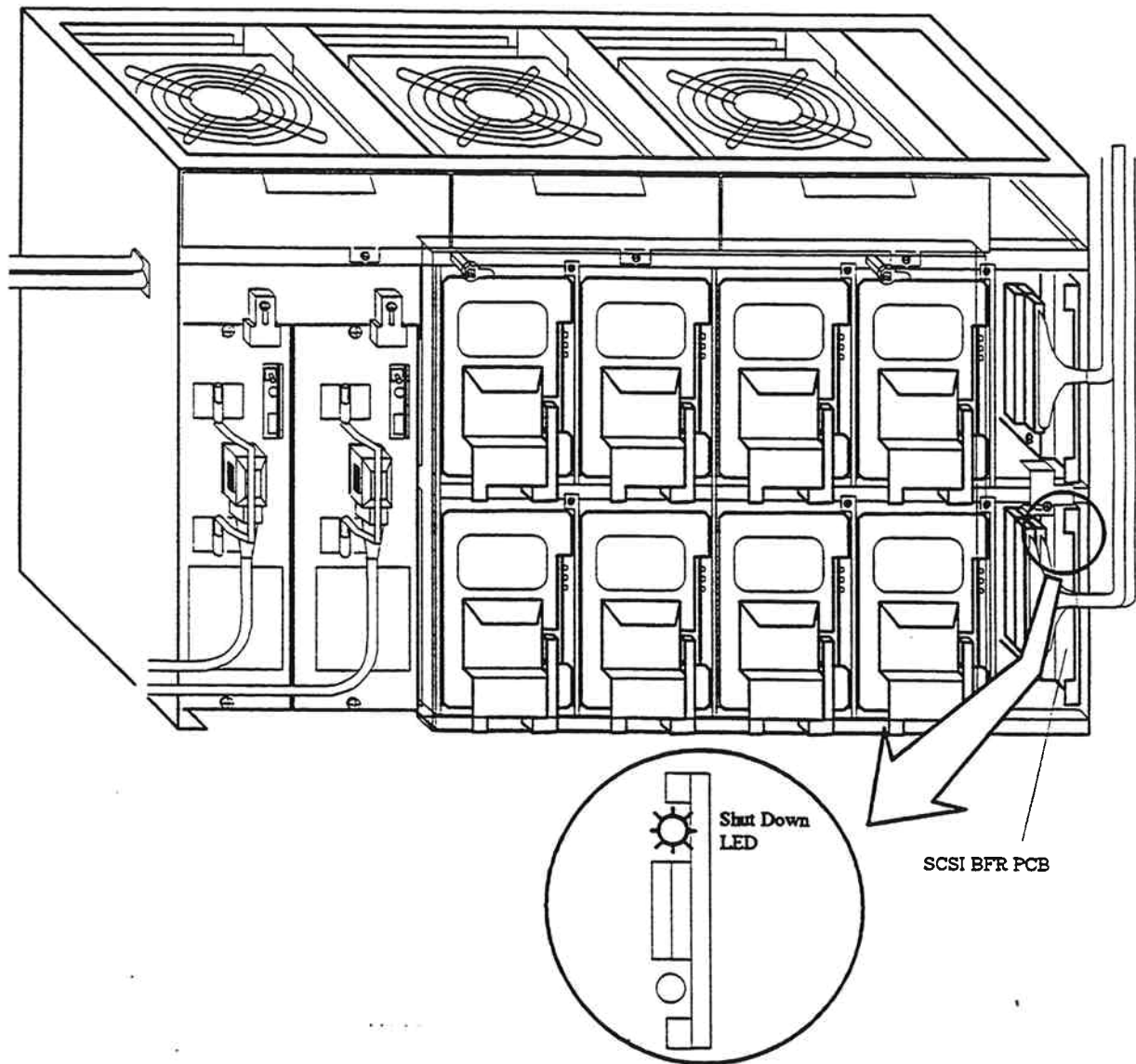


Fig. 3.4.3.2.5-4 Confirmation of the Shut Down LED Light

5. Disconnect the SCSI interface cables from the SCSI BFR PCBs in the second DKU chassis referring to figures 3.4.3.2.5-5 and 3.4.3.2.5-6.

Notice

When disconnecting the SCSI interface extension cable (DKU-F205I-34C) during the operation of subsystem, take the following actions from SVP to allow disconnection of only the SCSI interface cable whose Shut Down LED goes on.

1. Block the SCSI bus disconnecting the SCSI interface cable.
2. Light the Shut Down LED on the SCSI BFR PCB on the SCSI bus.

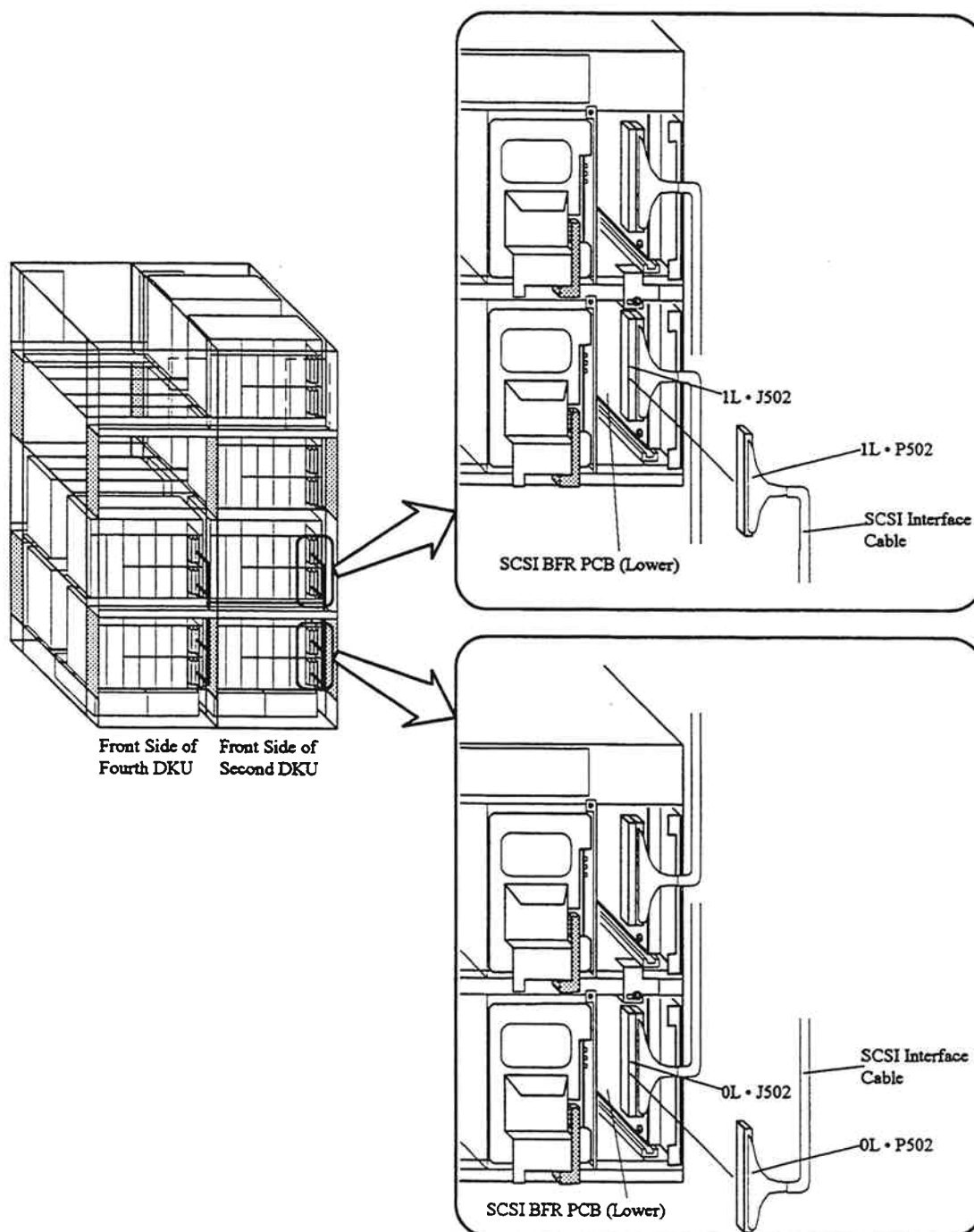


Fig. 3.4.3.2.5-5 Disconnection of the SCSI Interface Cables

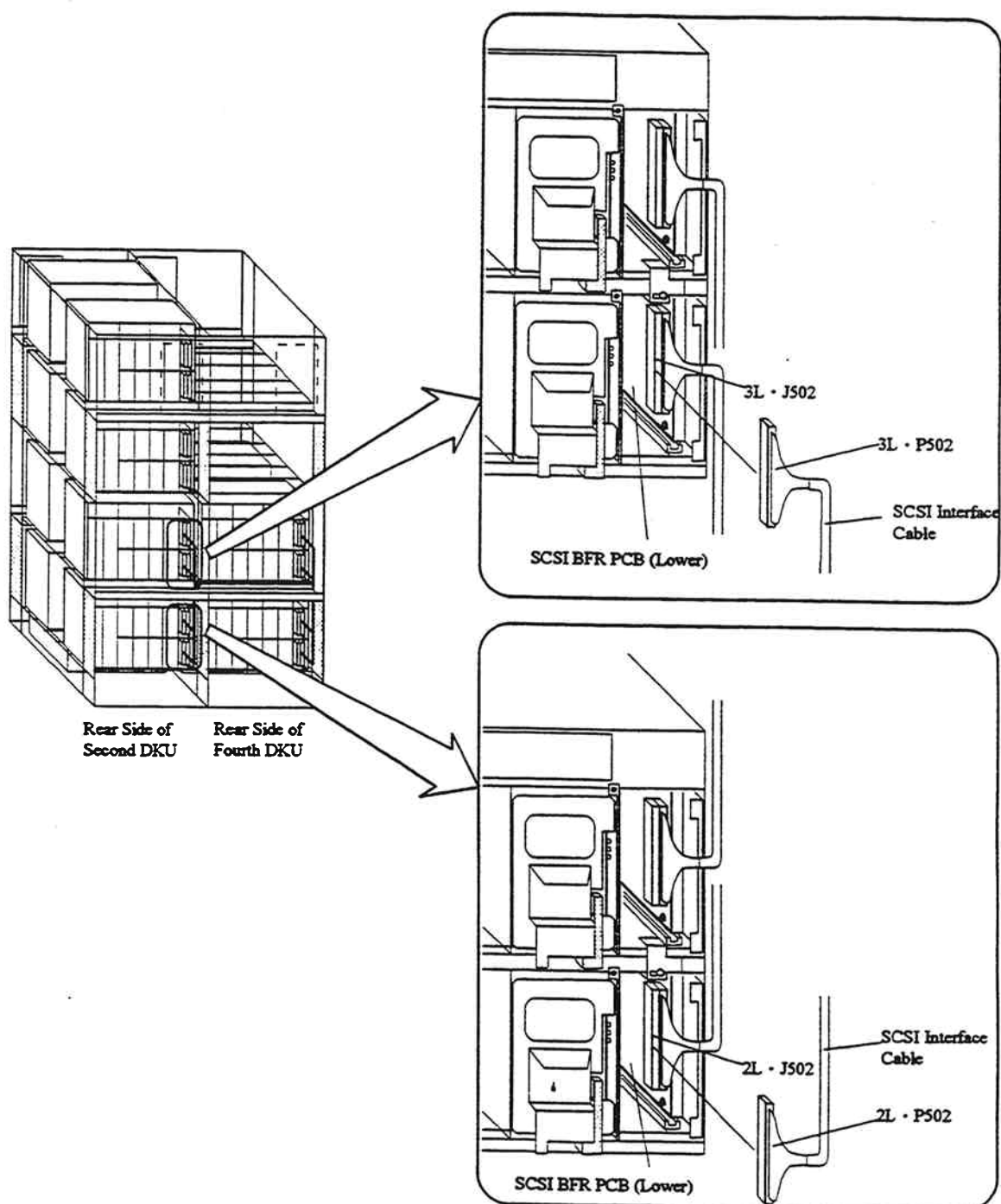


Fig. 3.4.3.2.5-6 Disconnection of the SCSI Interface Cables

6. Refer to INST02-59© when disconnecting the additional SCSI interface cable while the sub-system is in operation. Refer to INST04-890 when disconnecting the additional SCSI interface cable with the sub-system switched off.

7. Disconnect the SCSI interface cables from the SCSI BFR PCBs in the fourth DKU chassis referring to figures 3.4.3.2.5-7 and 3.4.3.2.5-8.

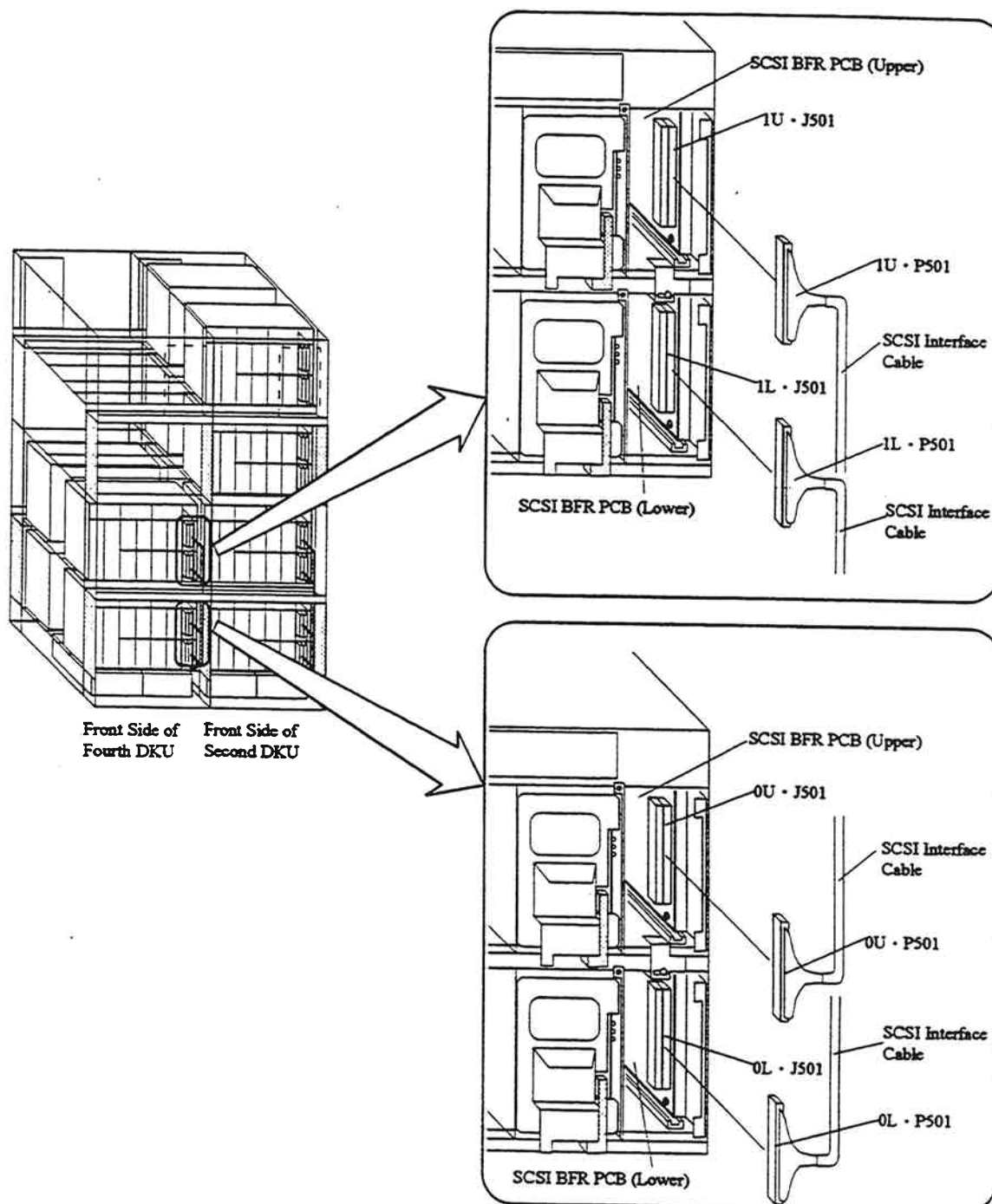


Fig. 3.4.3.2.5-7 Disconnection of the SCSI Interface Cables

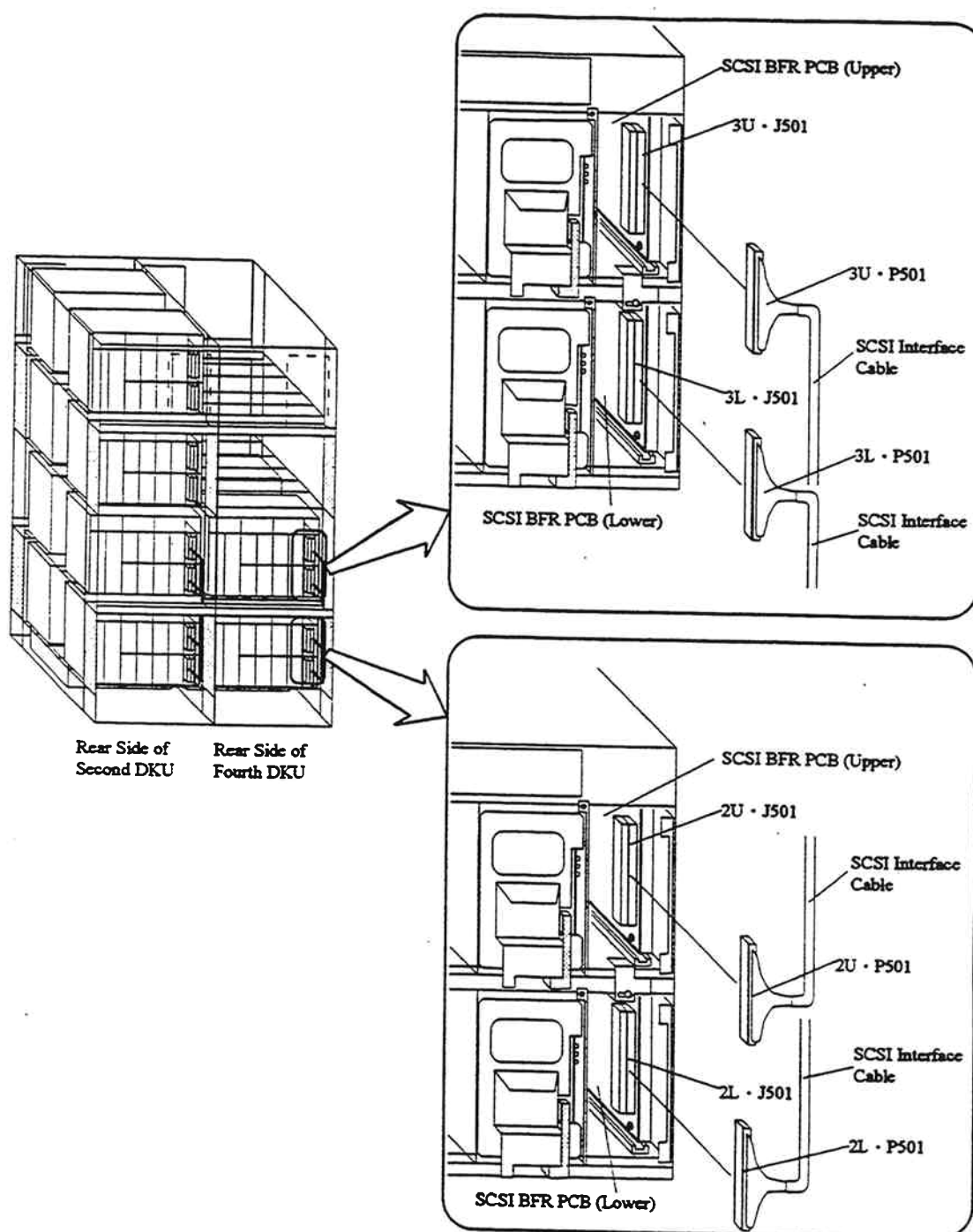
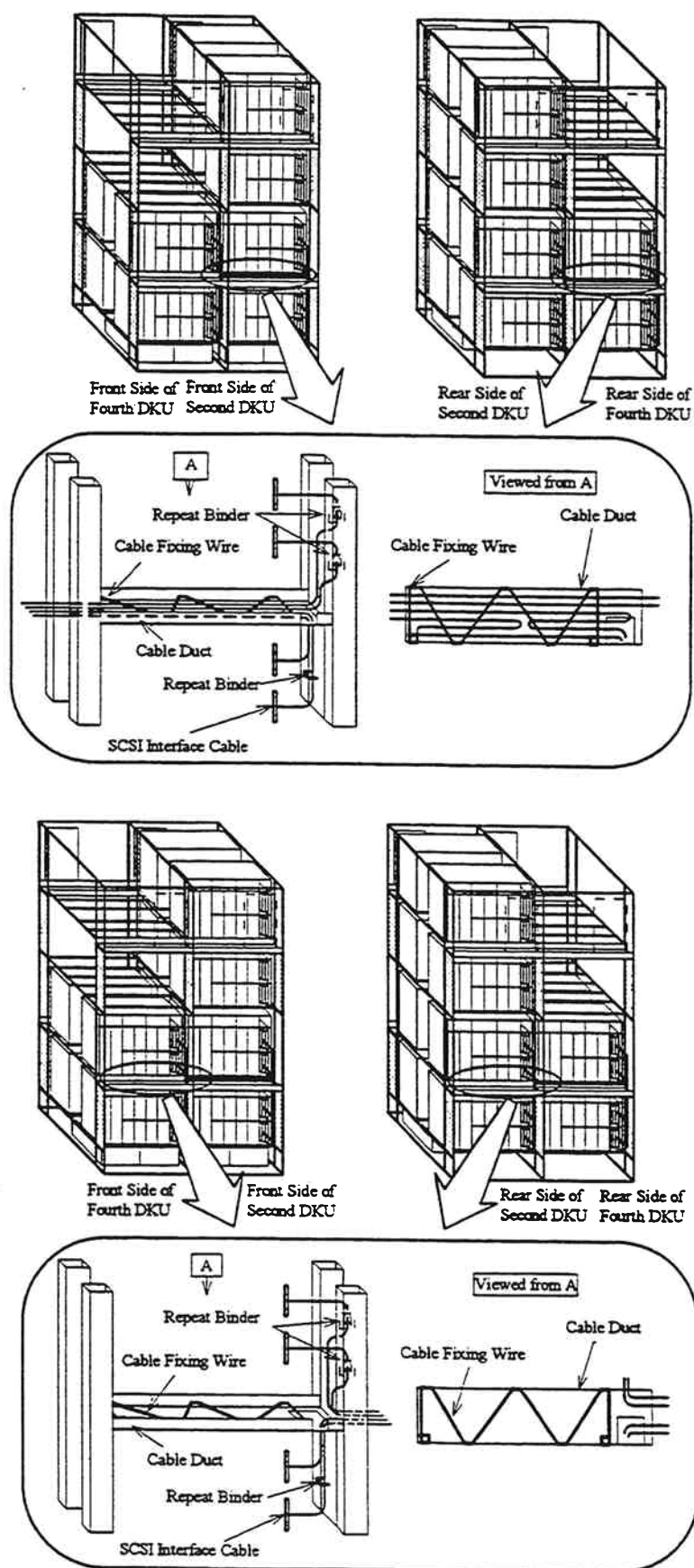


Fig. 3.4.3.2.5-8 Disconnection of the SCSI Interface Cables

8. Remove the cable fixing wires and repeat binders and remove the SCSI interface cables from inside the DKU chassis.



. Fig. 3.4.3.2.5-9 Removal of the SCSI Interface Cables

9. Remove the nameplate from the fourth DKU chassis.

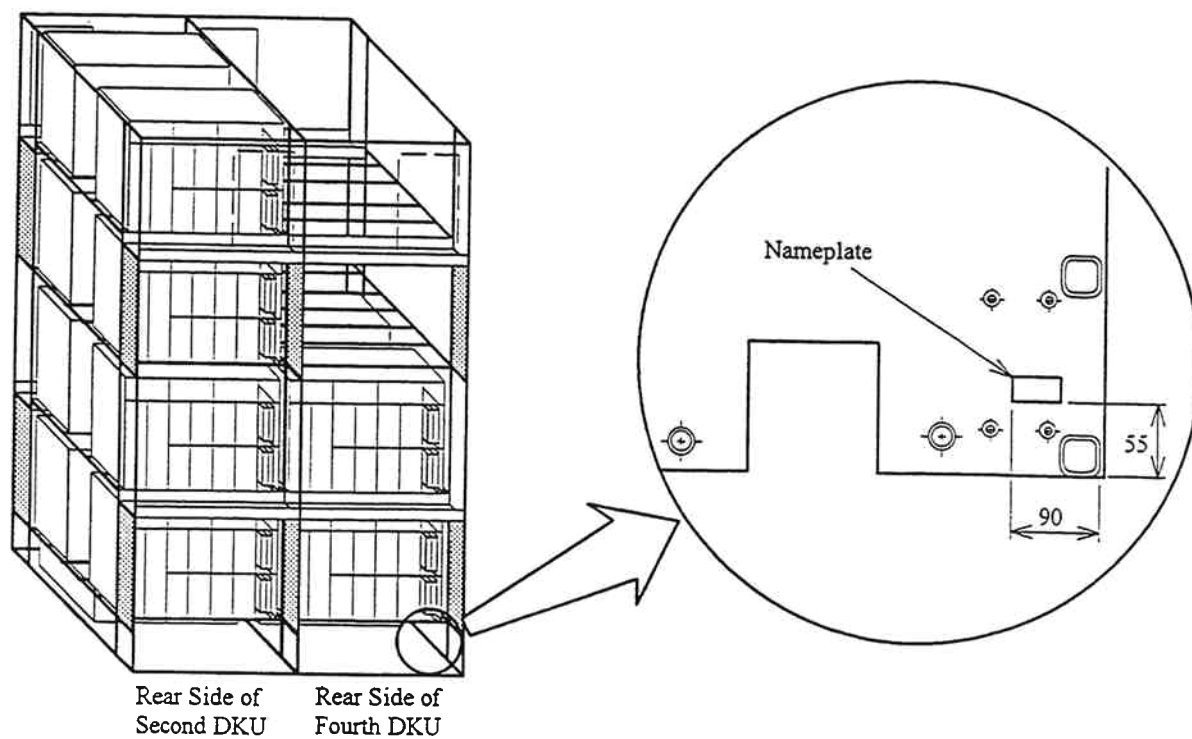


Fig. 3.4.3.2.5-10 Removal of the Nameplate

10. Go to INST02-59 Step ⑦.

3.4.3.2.6 Disconnection Procedure of Additional SCSI Interface Cables(In case of HDU-L27 from L24)

1. In the second DKU chassis, check that the Shut Down LEDs are lit on the SCSI BFR PCBs from which the SCSI interface cables are to be disconnected.

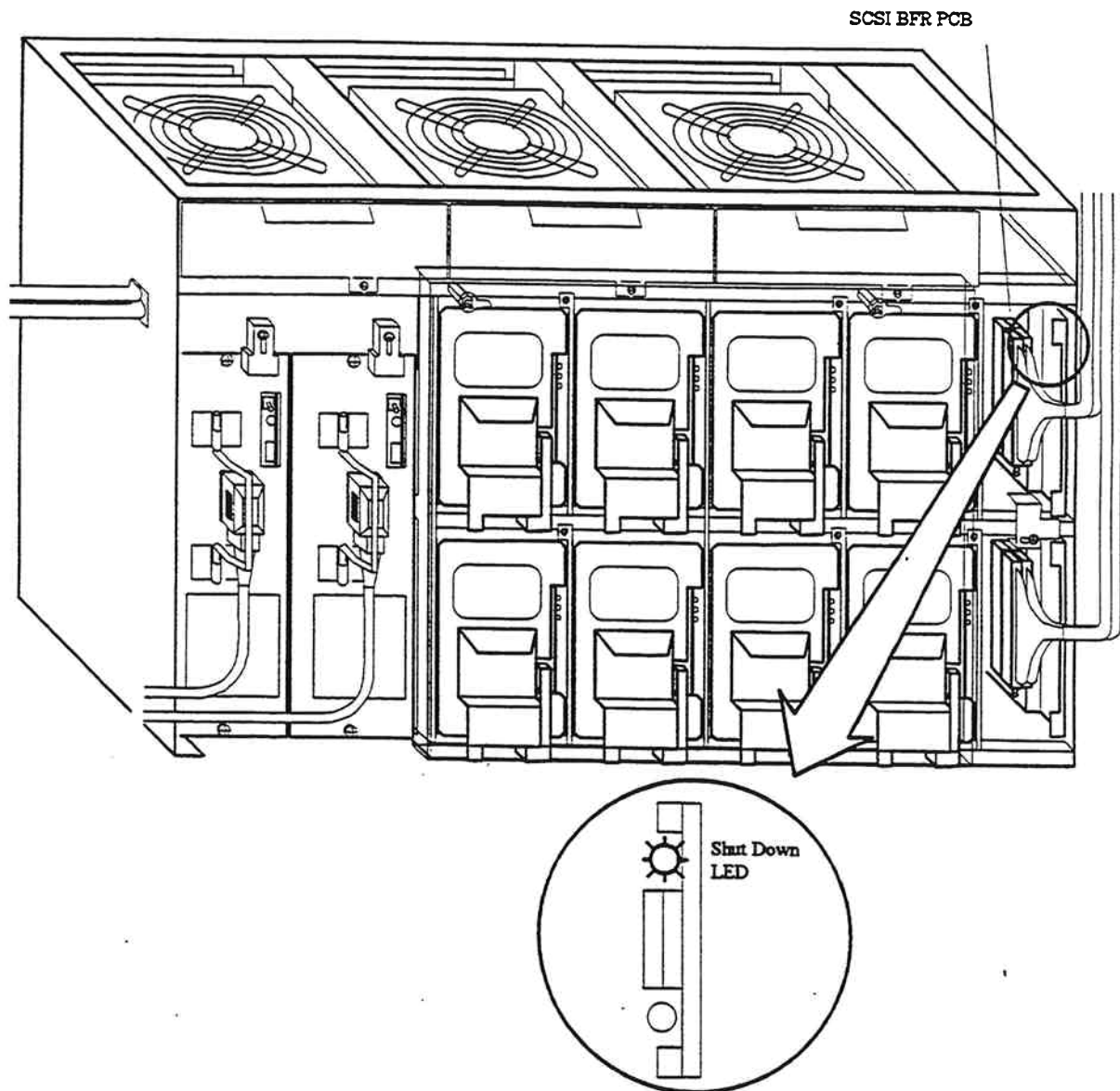


Fig. 3.4.3.2.6-1 Confirmation of the Shut Down LED Light

2. Disconnect the SCSI interface cables from the SCSI BFR PCBs in the second DKU chassis referring to figures 3.4.3.2.6-2 and 3.4.3.2.6-3.

Notice

When disconnecting the SCSI interface extension cable (DKU-F205I-34C) during the operation of subsystem, take the following actions from SVP to allow disconnection of only the SCSI interface cable whose Shut Down LED goes on.

1. Block the SCSI bus disconnecting the SCSI interface cable.
2. Light the Shut Down LED on the SCSI BFR PCB on the SCSI bus.

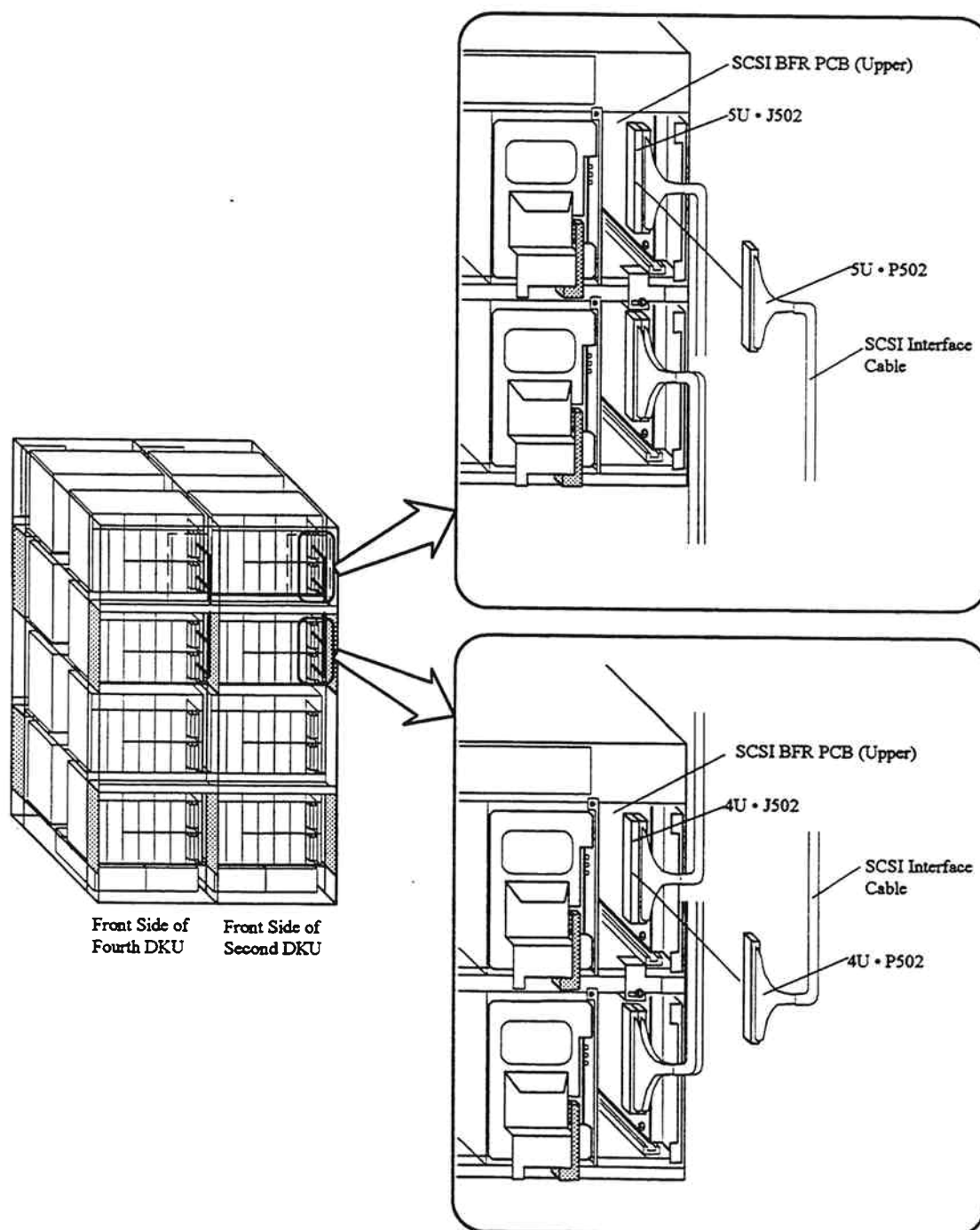


Fig. 3.4.3.2.6-2 Disconnection of the SCSI Interface Cables

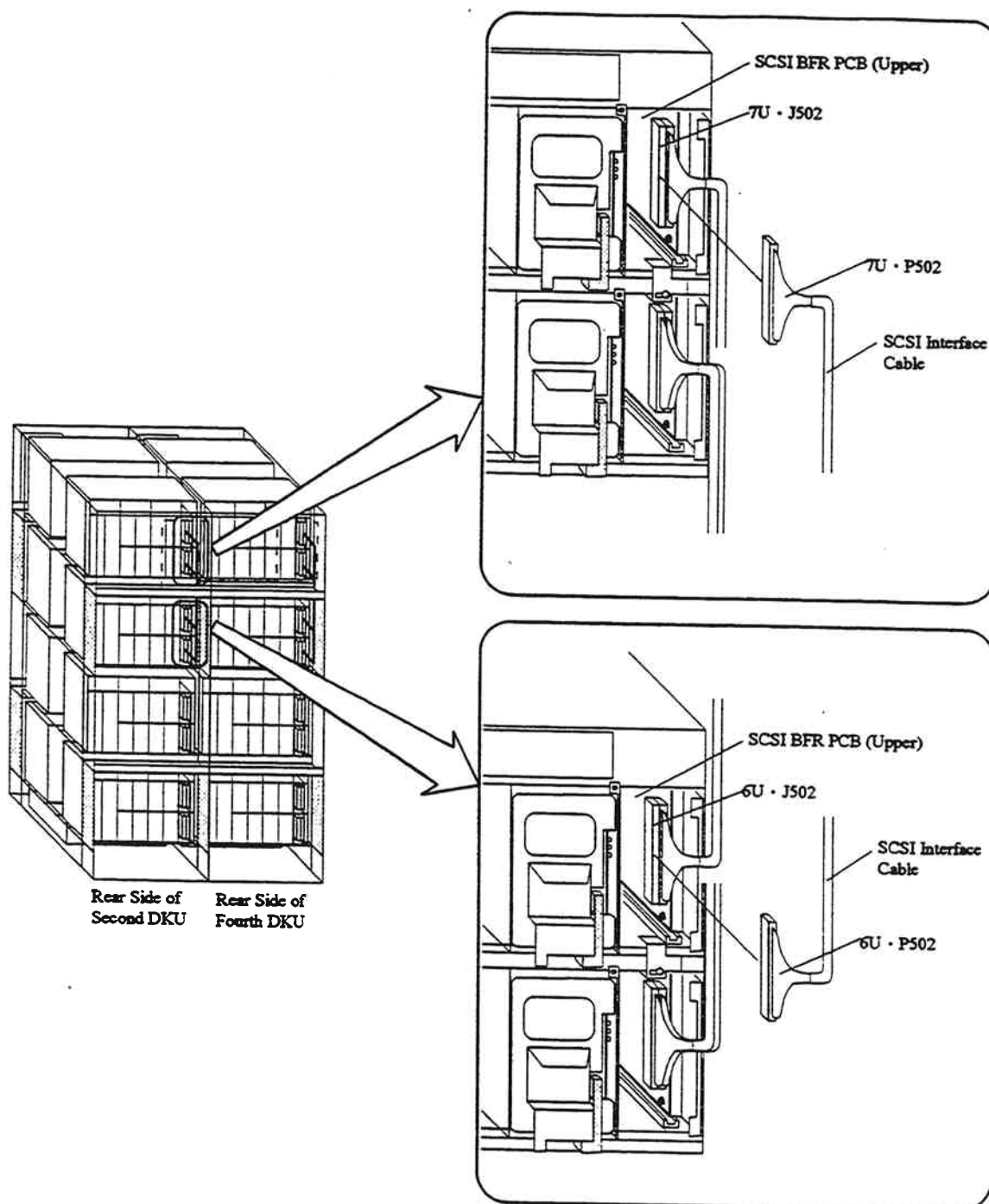


Fig. 3.4.3.2.6-3 Disconnection of the SCSI Interface Cables

3. Refer to INST02-58③ when disconnecting the additional SCSI interface cable while the sub-system is in operation. Refer to INST04-906 when disconnecting the additional SCSI interface cable with the sub-system switched off.

4. In the second DKU chassis, check that the Shut Down LEDs are lit on the SCSI BFR PCBs on the other side from which the SCSI interface cables are to be disconnected.

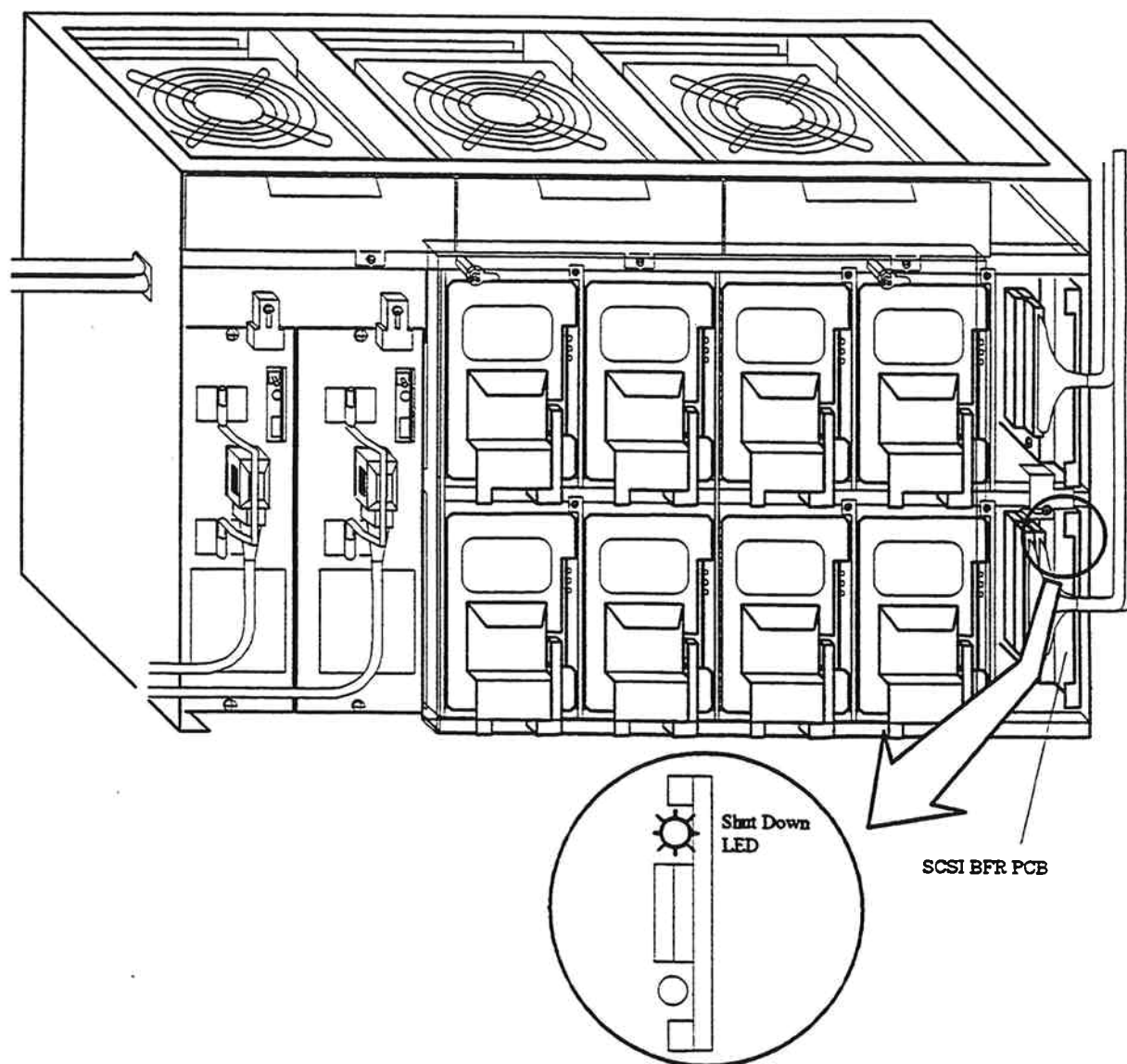


Fig. 3.4.3.2.6-4 Confirmation of the Shut Down LED Light

5. Disconnect the SCSI interface cables from the SCSI BFR PCBs in the second DKU chassis referring to figures 3.4.3.2.6-5 and 3.4.3.2.6-6.

Notice

When disconnecting the SCSI interface extension cable (DKU-F205I-34C) during the operation of subsystem, take the following actions from SVP to allow disconnection of only the SCSI interface cable whose Shut Down LED goes on.

1. Block the SCSI bus disconnecting the SCSI interface cable.
2. Light the Shut Down LED on the SCSI BFR PCB on the SCSI bus.

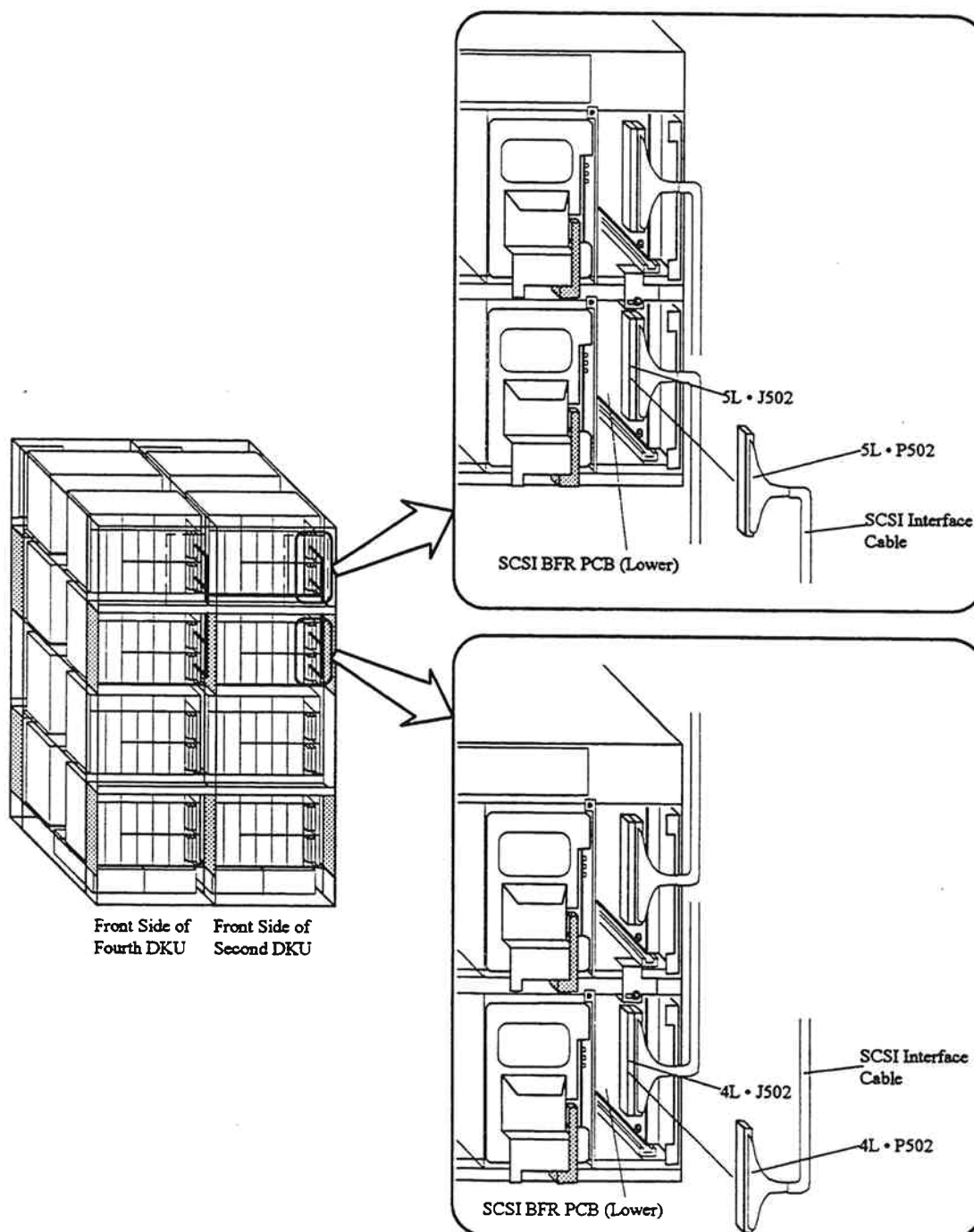


Fig. 3.4.3.2.6-5 Disconnection of the SCSI Interface Cables

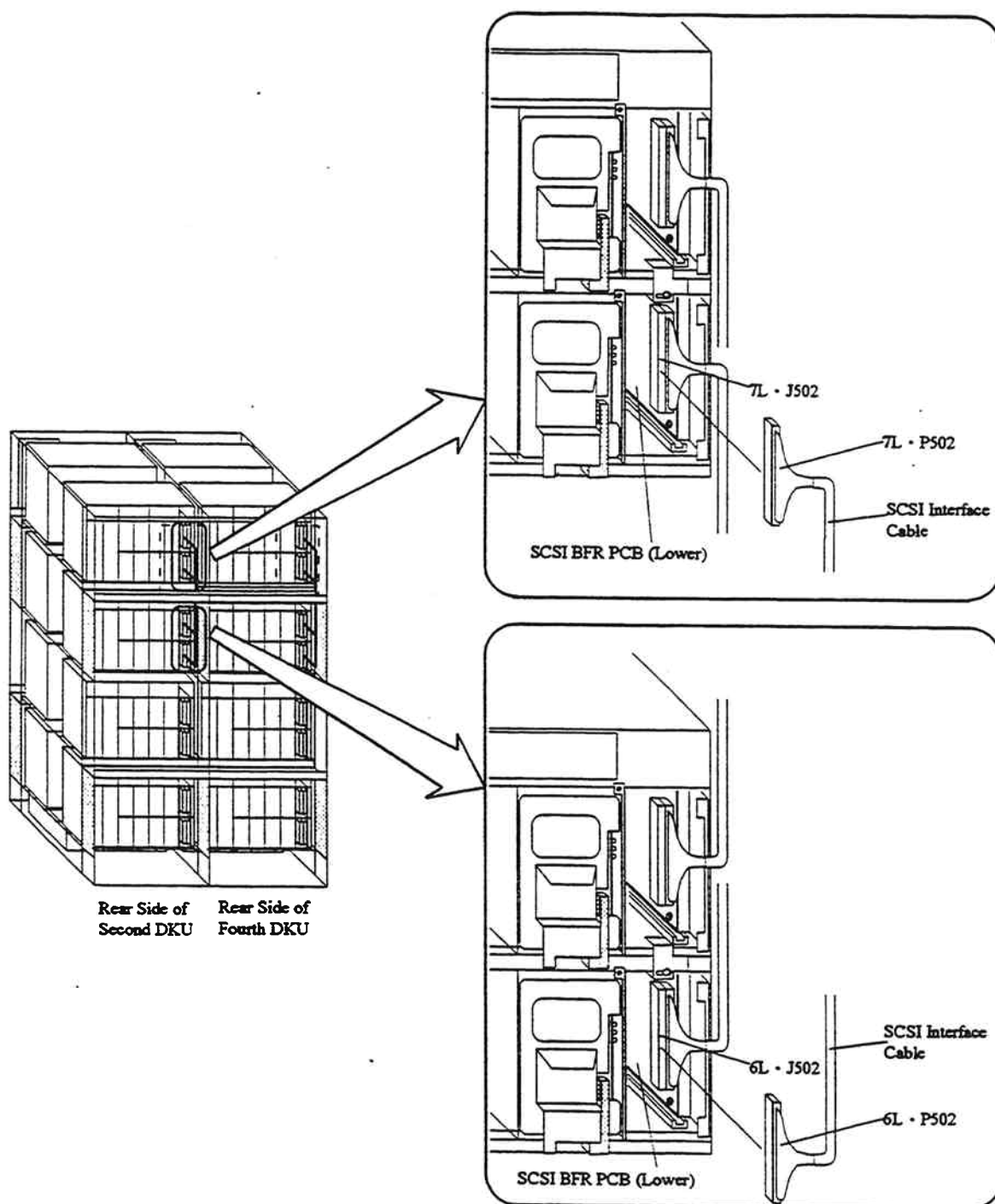


Fig. 3.4.3.2.6-6 Disconnection of the SCSI Interface Cables

6. Refer to INST02-59© when disconnecting the additional SCSI interface cable while the sub-system is in operation. Refer to INST04-910 when disconnecting the additional SCSI interface cable with the sub-system switched off.

7. Disconnect the SCSI interface cables from the SCSI BFR PCBs in the fourth DKU chassis referring to figures 3.4.3.2.6-7 and 3.4.3.2.6-8.

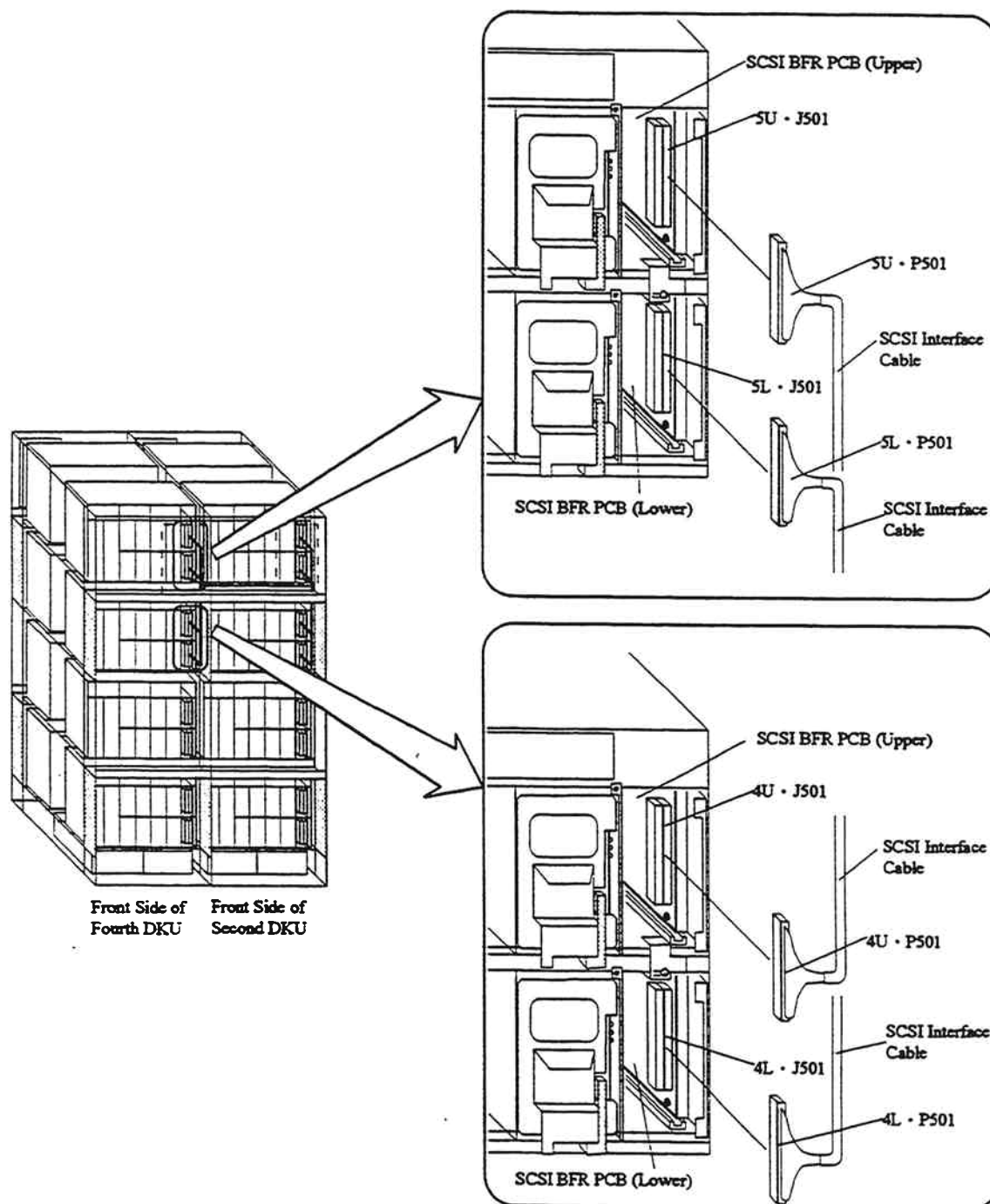


Fig. 3.4.3.2.6-7 Disconnection of the SCSI Interface Cables

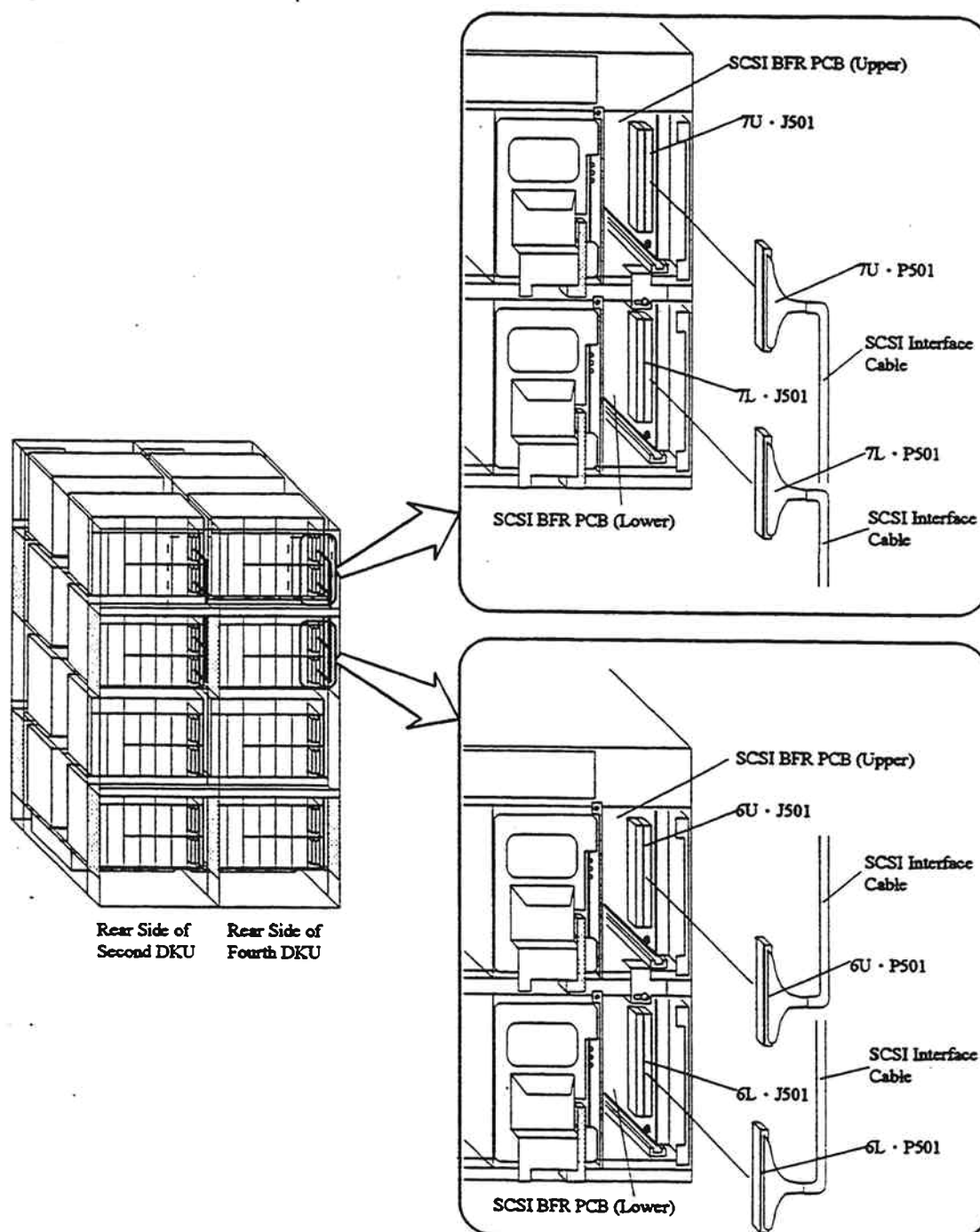


Fig. 3.4.3.2.6-8 Disconnection of the SCSI Interface Cables

8. Remove the cable fixing wires and repeat binders and remove the SCSI interface cables from inside the DKU chassis.

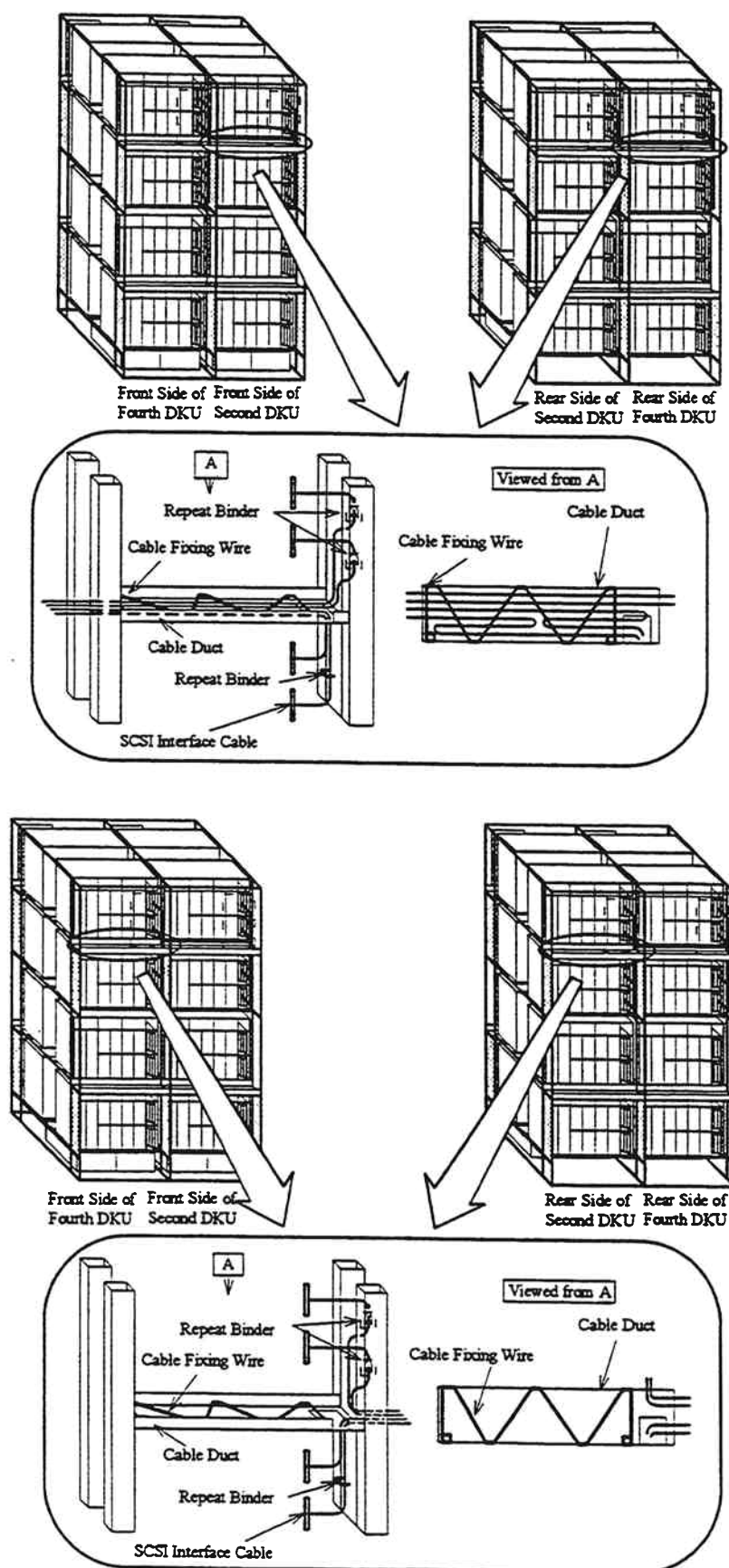


Fig. 3.4.3.2.6-9 Removal of the SCSI Interface Cables

9. When the fourth DKU chassis consists of 4 HDU boxes, fix the disconnected SCSI interface cables in the fourth DKU chassis with the binders.

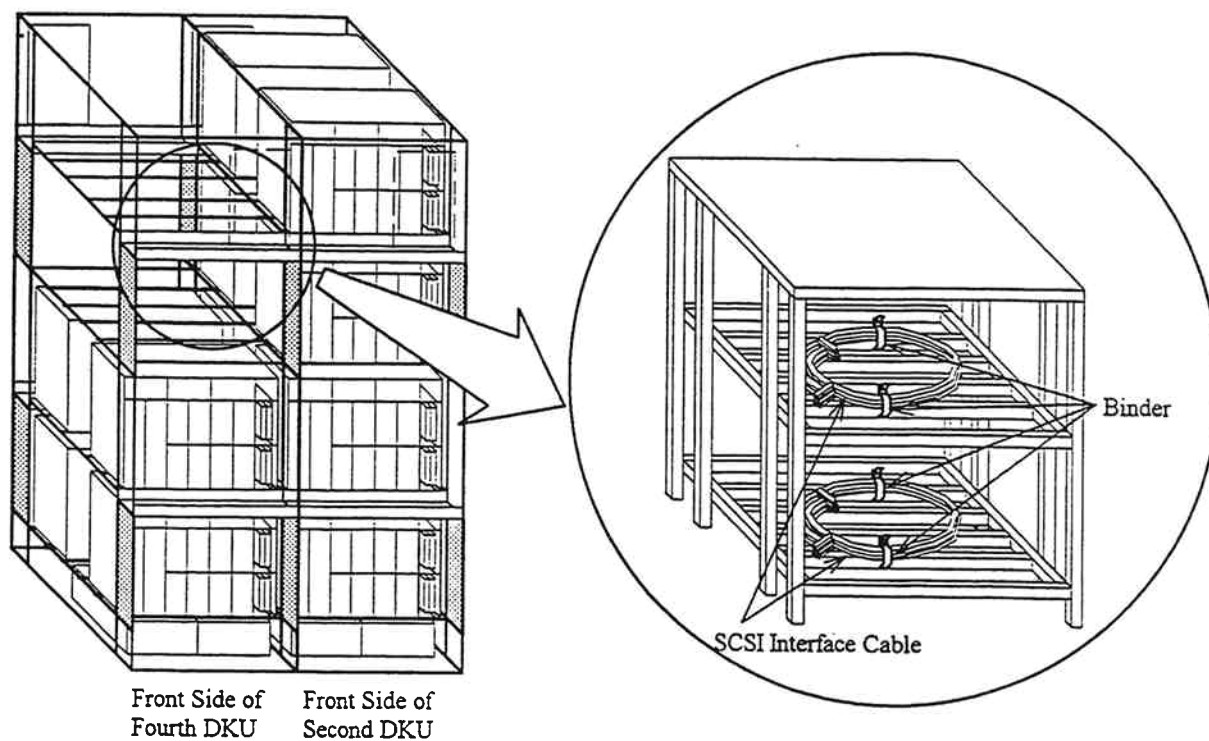


Fig. 3.4.3.2.6-10 Fixation of the SCSI Interface Cables

10. Go to INST02-59 Step ⑦.

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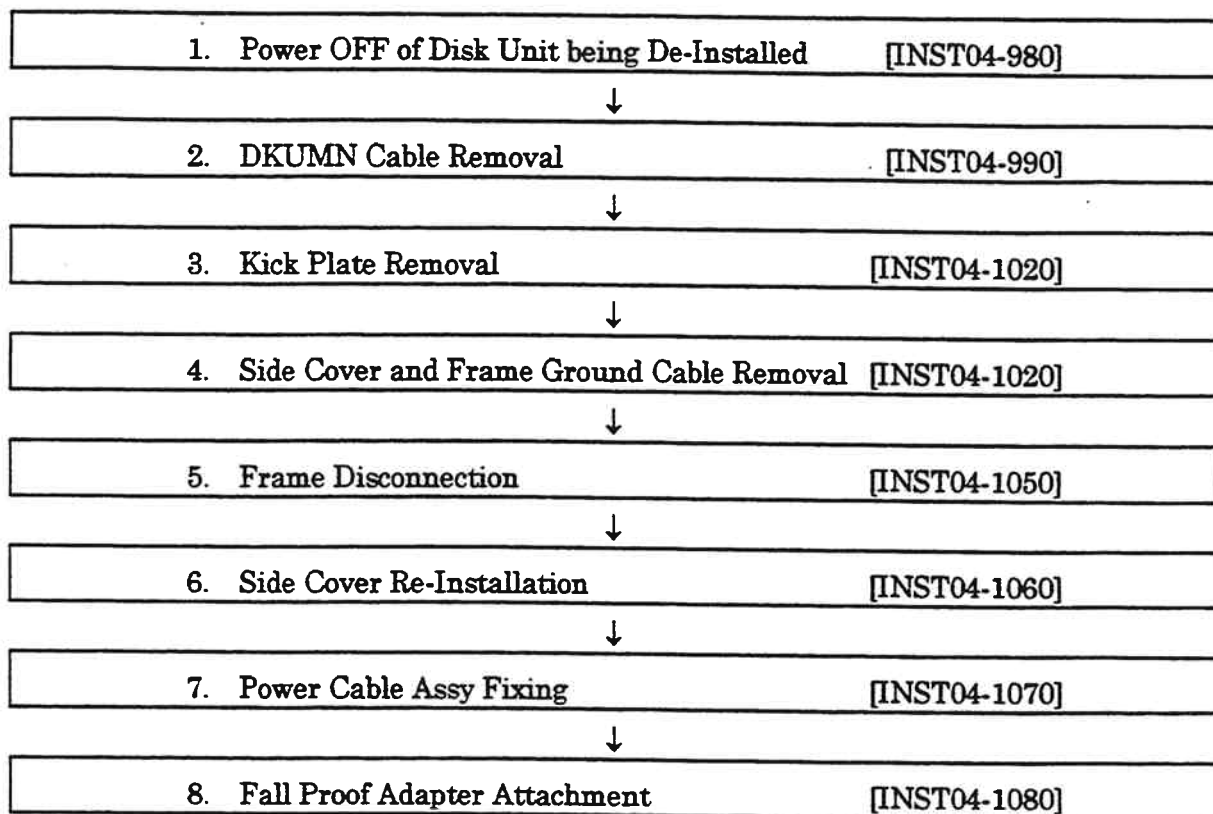
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3.4.4 De-Installation of Disk Unit (DKU205I-14)

3.4.4.1 Flowchart



3.4.4.2 De-Installation Procedure of Disk Unit

1. Power OFF of Disk Unit being De-Installed
 - a. Turn Enable / Disable switches (S1) to "DISABLE" position on the DKUMN PCBs of the Disk Unit.
 - b. Turn off the circuit breaker (CB101) on the AC Boxes of the Disk Unit.

Table 3.4.4.2-1 De-Installed Disk Unit

No.	De-Installed Disk Unit	DKUMN PCB	AC Box	Remarks
1	Fourth Disk Unit	DKUMN-L2F DKUMN-L2R	AC BOX-R20 AC BOX-R21	
2	Third Disk Unit	DKUMN-R2F DKUMN-R2R	AC BOX-L20 AC BOX-L21	
3	Second Disk Unit	DKUMN-L1F DKUMN-L1R	AC BOX-R10 AC BOX-R11	

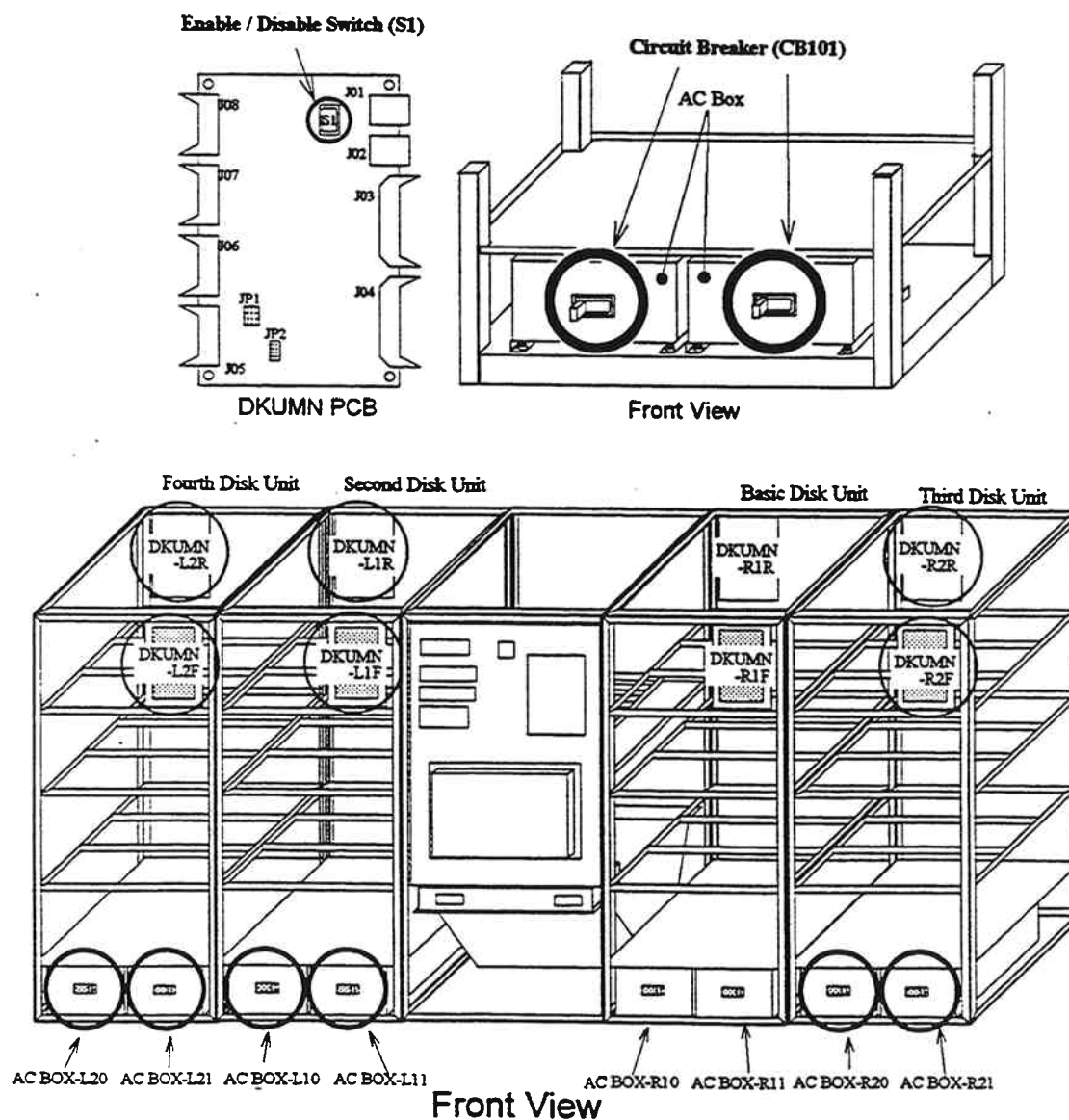


Fig. 3.4.4.2-1 AC Boxes and DKUMN PCBs

2. DKUMN Cable Removal

Remove the DKUMN cables in the reverse order of installation.

Fourth Disk Unit

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

Disconnect the DKUMN cables between the Second Disk Unit and the Fourth Disk Unit as indicated in the table below.

Table 3.4.4.2-2 Connection of DKUMN Cables

No.	Second Disk Unit			Fourth Disk Unit			Remarks
	Location No.	Connector No.	Cable No.	Location No.	Connector No.	Cable No.	
1	DKUMN-L1F	J03	P3-1	DKUMN-L2F	J04	P4-1	
2	DKUMN-L1F	J01	P1-1	DKUMN-L2F	J01	P1-1	
3	DKUMN-L1R	J03	P3-2	DKUMN-L2R	J04	P4-2	
4	DKUMN-L1R	J01	P1-2	DKUMN-L2R	J01	P1-2	

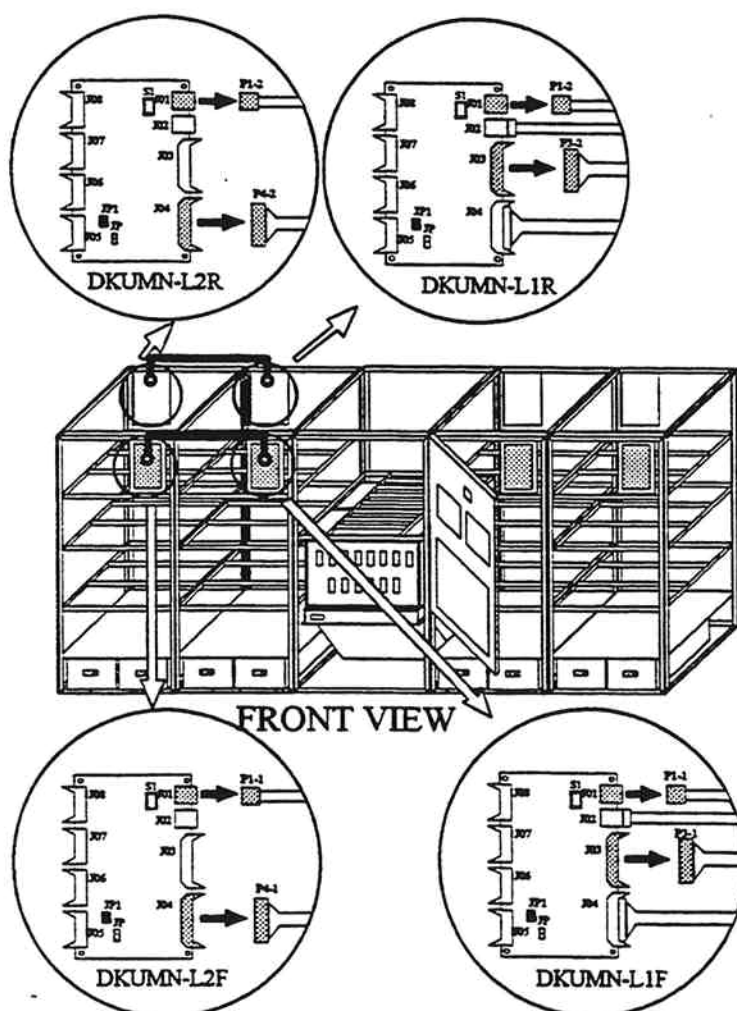


Fig. 3.4.4.2-2 Connection of DKUMN Cables

Third Disk Unit

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

Disconnect the DKUMN cables between the Basic Disk Unit and the Third Disk Unit as indicated in the table below.

Table 3.4.4.2-3 Connection of DKUMN Cables

No.	Basic Disk Unit			Third Disk Unit			REMARKS
	Location No.	Connector No.	Cable No.	Location No.	Connector No.	Cable No.	
1	DKUMN-R1F	J03	P3-1	DKUMN-R2F	J04	P4-1	
2	DKUMN-R1F	J01	P1-1	DKUMN-R2F	J01	P1-1	
3	DKUMN-R1R	J03	P3-2	DKUMN-R2R	J04	P4-2	
4	DKUMN-R1R	J01	P1-2	DKUMN-R2R	J01	P1-2	

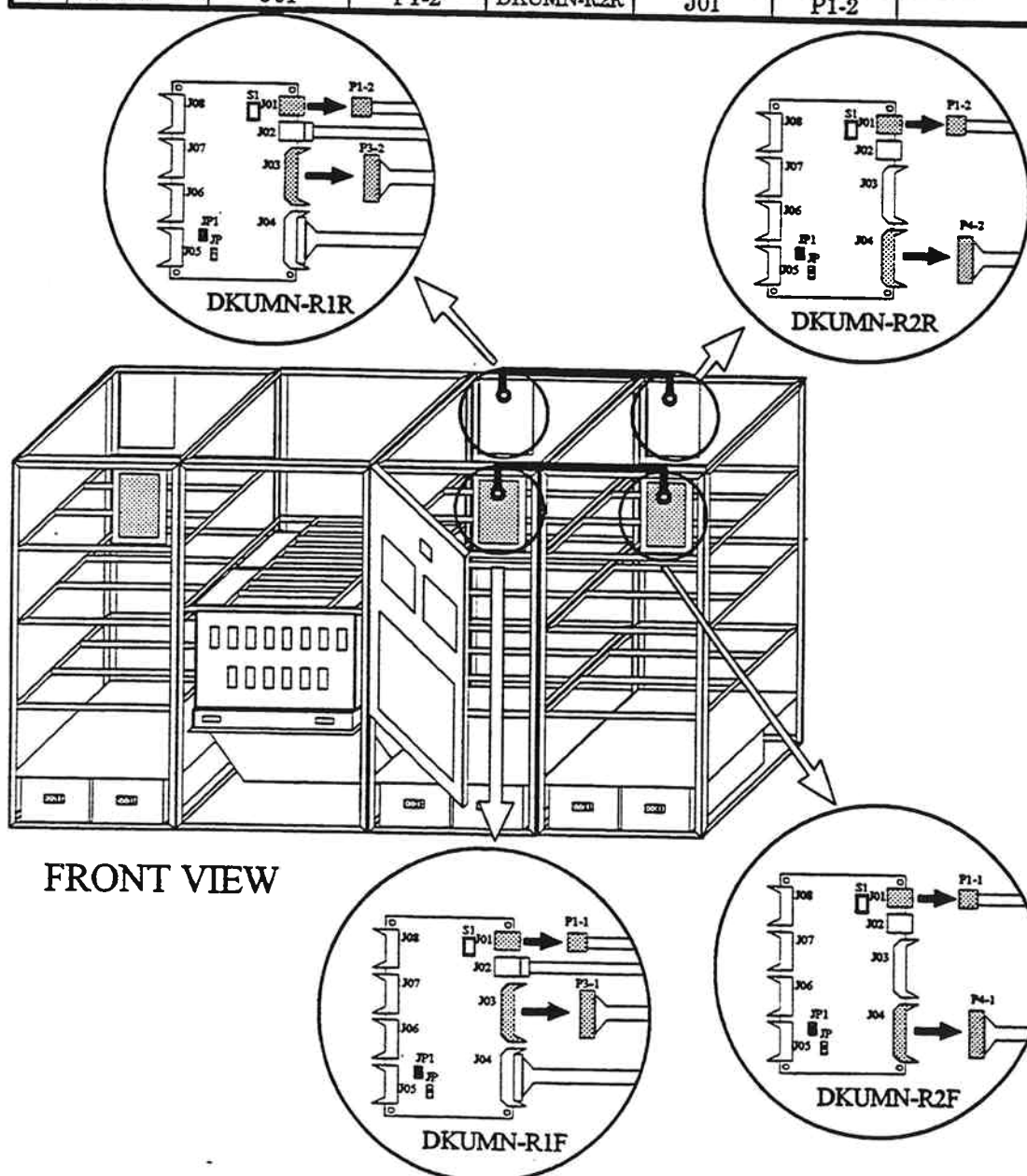


Fig. 3.4.4.2-3 Connection of DKUMN Cables

Second Disk Unit

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

Disconnect between the PWRCTL PCBs or Logic PS BB and the DKUMN PCBs as summarized in the table below.

Table 3.4.4.2-4 Connection of DKUMN cable

No.	Disk Controller			Second Disk Unit			Remarks
	Location No.	Connector No.	Cable No.	Location No.	Connector No.	Cable No.	
1	PWRCTL-1	J22	P22-1	DKUMN-L1F	J04	P4-1	
2	Logic PS BB	3AE3	3AE3	DKUMN-L1F	J02	P2-1	
3	PWRCTL-2	J22	P22-2	DKUMN-L1R	J04	P4-2	
4	Logic PS BB	3BE3	3BE3	DKUMN-L1R	J02	P2-2	

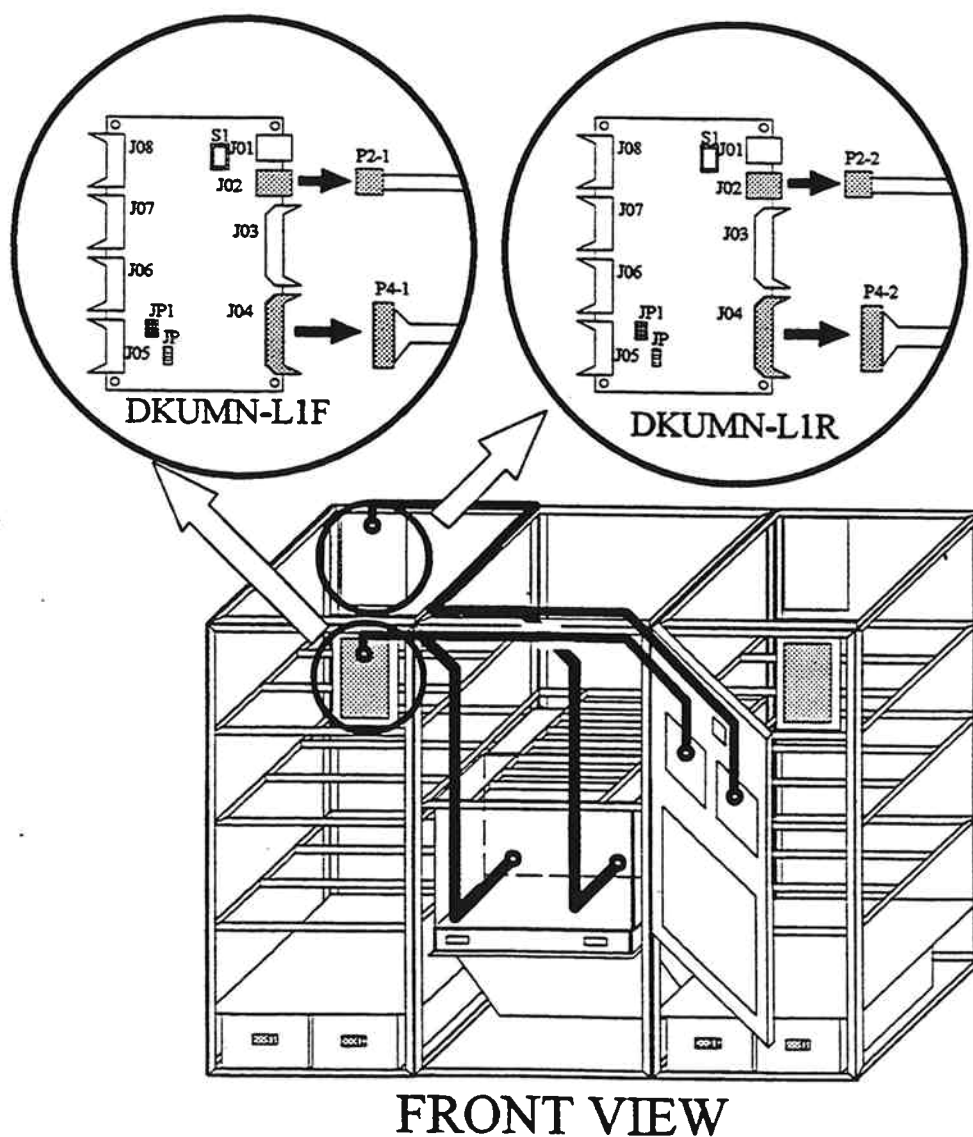


Fig. 3.4.4.2-4 Connection of DKUMN Cables

3 . Kick Plate De-Installation

Remove kick plate in the reverse order of installation.

SECTION 3.3.3.3.4 INSTALLATION OF KICK PLATE [INST03-240]

SECTION 3.3.4.3.5 INSTALLATION OF KICK PLATE [INST03-460]

4 . Side Cover and Frame Ground Cable Removal

Remove the side cover(s) and frame ground cable in the reverse order of installation.

Fourth Disk Unit

- a. Remove the frame ground cable.
- b. Remove the side cover from the Fourth Disk Unit.
- c. Disconnect the frames.
- d. Attach the left side cover to the Disk Controller or Second Disk Unit together with the frame ground cable.

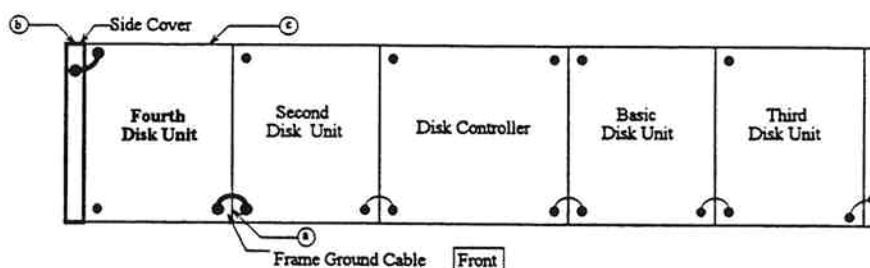
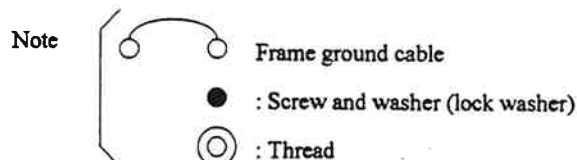


Fig. 3.4.4.2-5 Removal of Frame Ground Cable

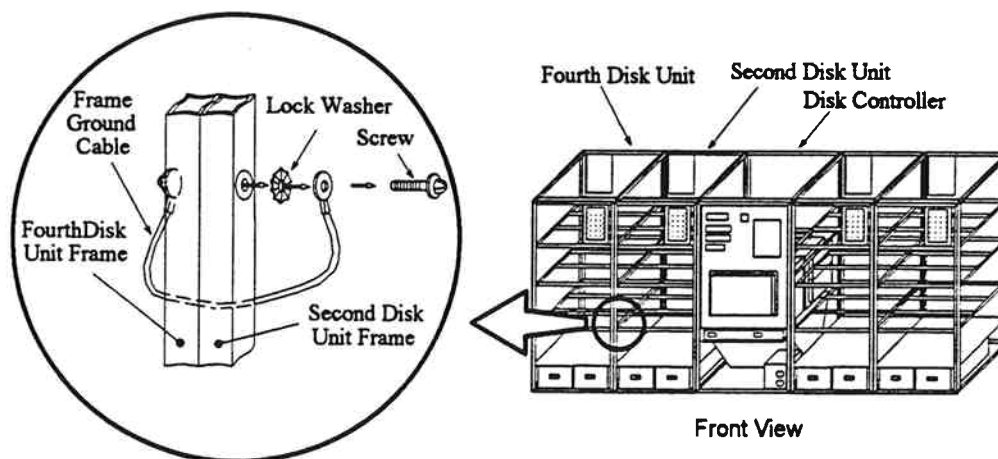


Fig. 3.4.4.2-6 Removal of Frame Ground Cable

Third Disk Unit

- Remove the frame ground cable.
- Remove the side cover from the Third Disk Unit.
- Disconnect the frames.
- Attach the right side cover to the Disk Controller or Basic Disk Unit together with the frame ground cable.

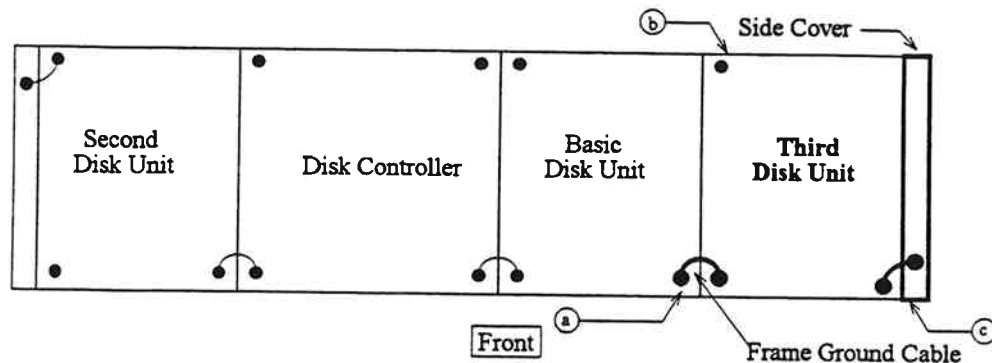


Fig. 3.4.4.2-7 Removal of Frame Ground Cable

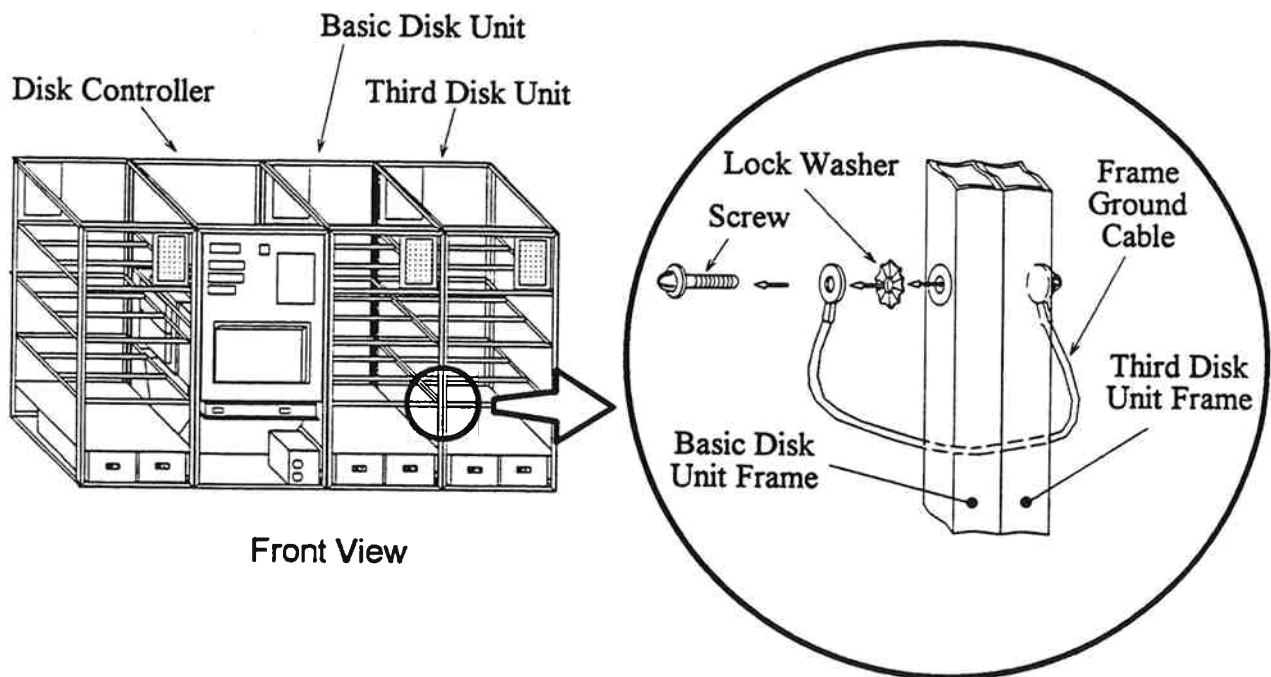


Fig. 3.4.4.2-8 Removal of Frame Ground Cable

Second Disk Unit

- Remove the frame ground cable.
- Remove the side cover from the Second Disk Unit.
- Disconnect the frames.
- Attach the left side cover of the Disk Controller with the frame ground cable.

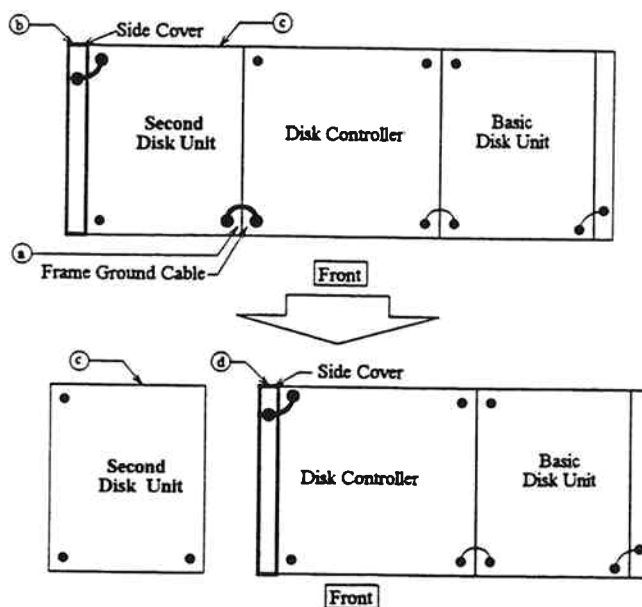


Fig. 3.4.4.2-9 Removal of Frame Ground Cable

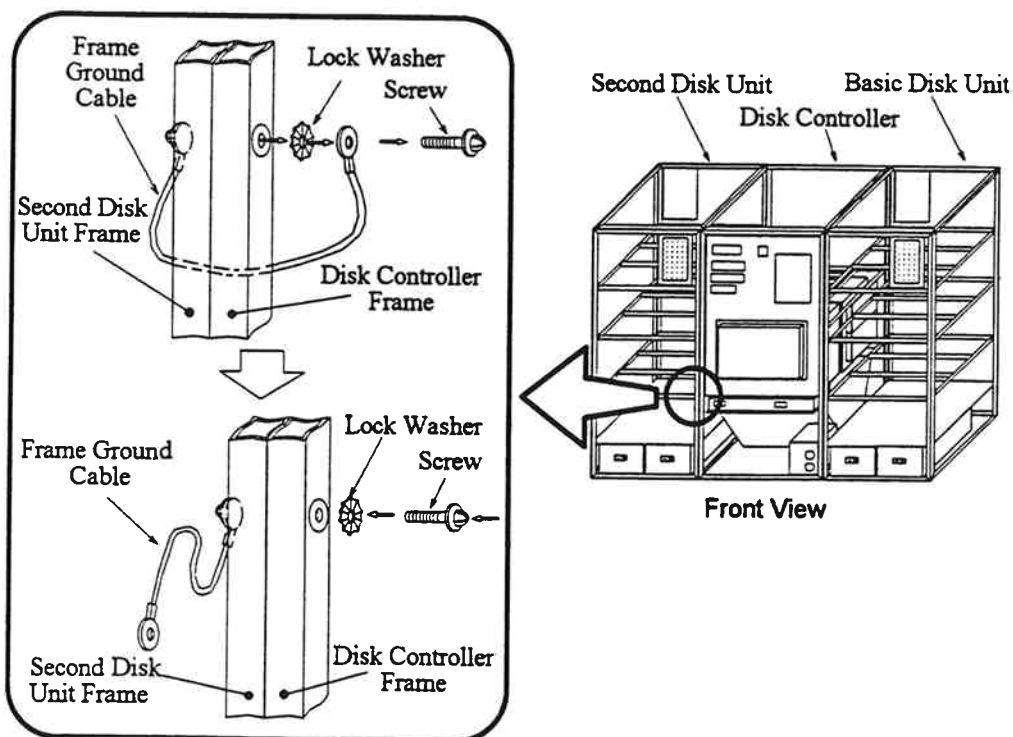


Fig. 3.4.4.2-10 Removal of Frame Ground Cable

5. Frame Disconnection

Disconnect the frames in the reverse order of frame connection.

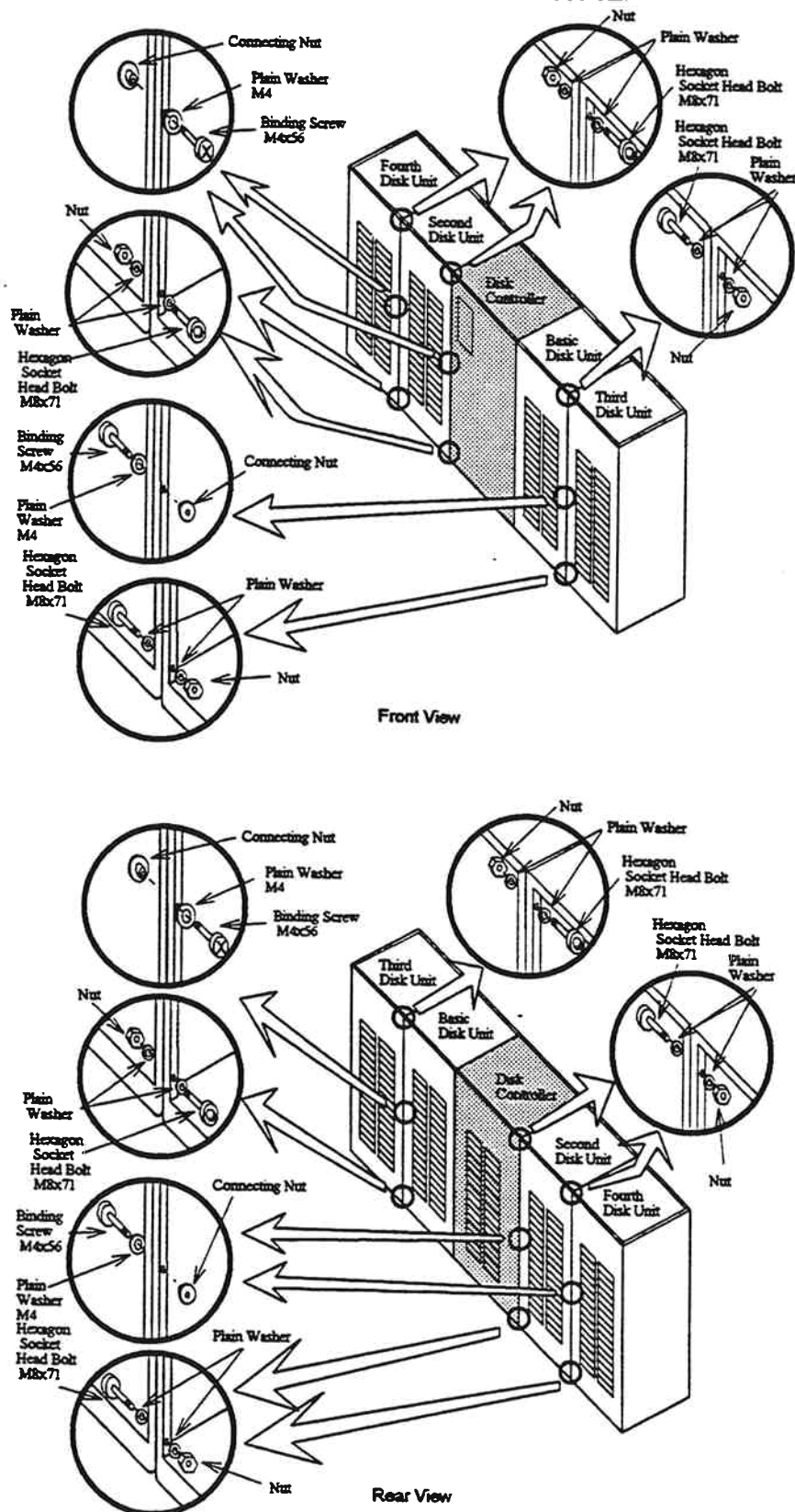
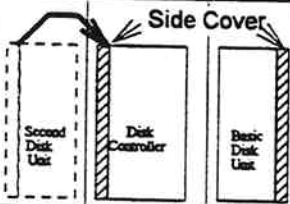
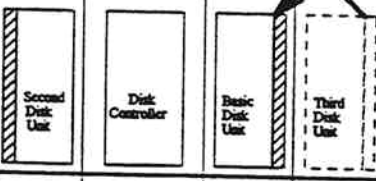


Fig 3.4.4.2-11 Disconnection of Frame

6. Side Cover Re-Installation

- a. Attach the side cover to the end of the frame. See Table 3.4.4.2-5.

Table 3.4.4.2-5 Removal and Re-installation of Side Cover

Configuration	Fourth Disk Unit	Second Disk Unit	Disk Controller	Basic Disk Unit	Third Disk Unit
De-Installation of Second Disk Unit	—		Disk Controller	Basic Disk Unit	—
De-Installation of Third Disk Unit	—		Disk Controller	Basic Disk Unit	—
De-Installation of Fourth Disk Unit			Disk Controller	Basic Disk Unit	

- b. Attach the side cover to the end of the string with the four binding screws and washers.

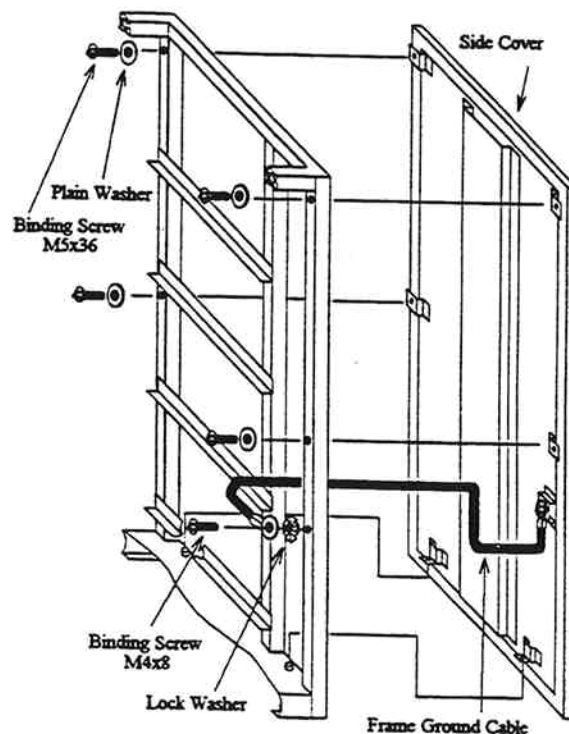


Fig. 3.4.4.2-12 Re-Installation of Side Cover

7. Power Cable Assy Fixing

- a. Loosen the four screws.

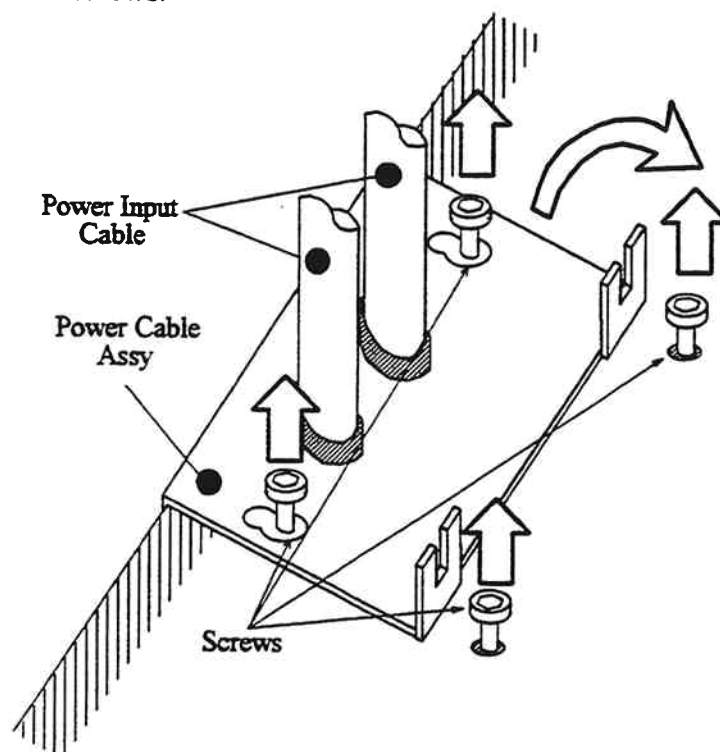


Fig. 3.4.4.2-13 Fixing of Power Cable Assy

- b. Secure the power cable Assy with the screws.

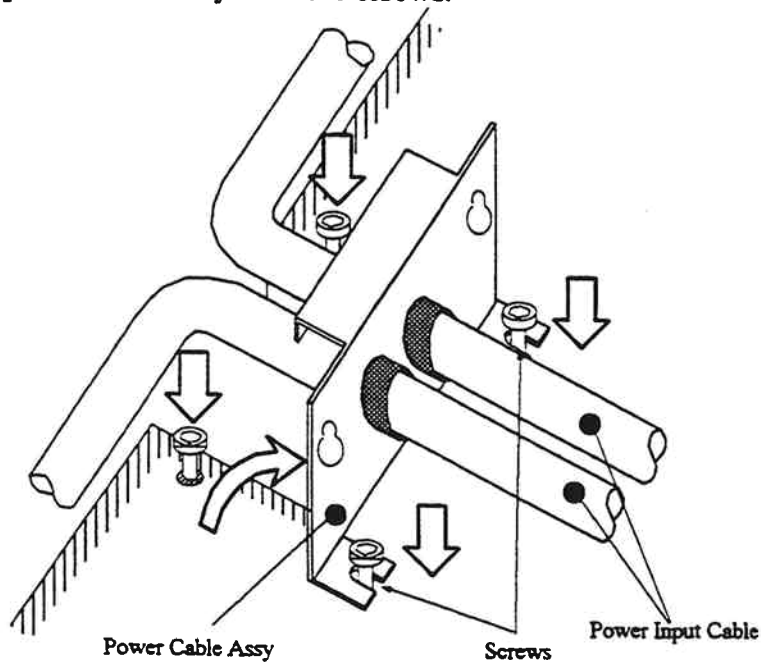


Fig. 3.4.4.2-14 Fixing of Power Cable Assy

8. Fall Proof Adapter Attachment

Attach the fall proof adapters to the Disk Unit(s).

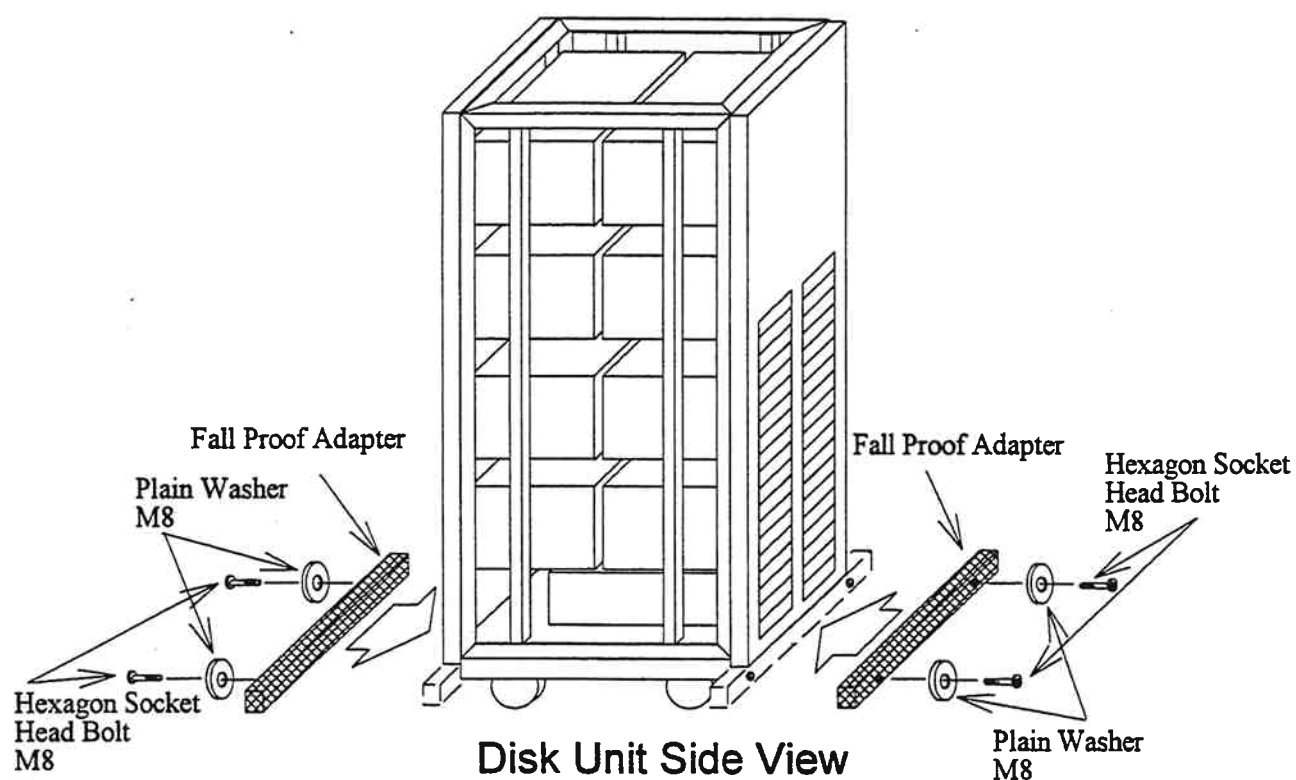


Fig. 3.4.4.2-15 Attachment of Fall Proof Adapter

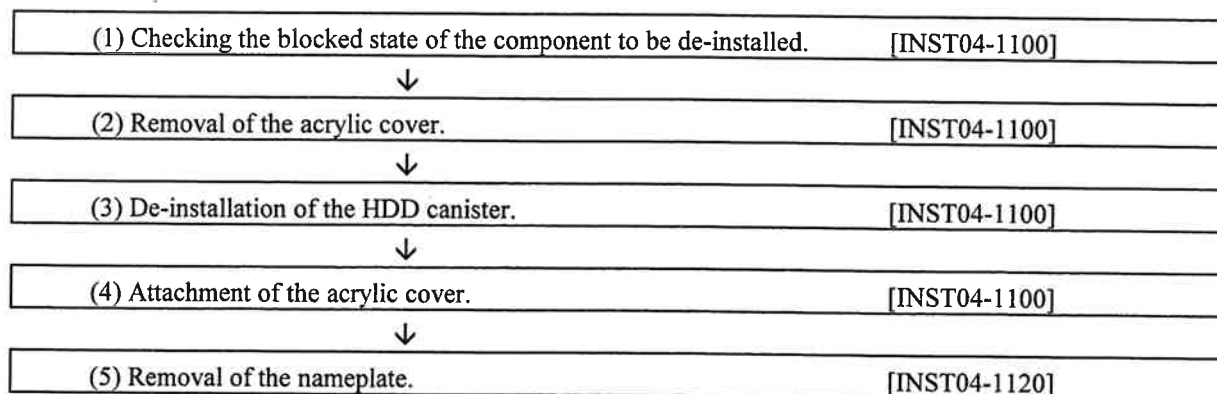
9. Return to General Flow.

Non-Disruptive De-installation : Go to INST02-31 Step (5)-5.

Disruptive De-installation: Go to INST02-51 Step (12).

3.4.5 De-Installation of the HDD Canister (DKU-F205I-406/401/906/901/304/904, DKU-F305I-1804/1801)

3.4.5.1 Flowchart



3.4.5.2 Parts List

Table 3.4.5.2-1 Parts List for HDD Canister

No.	Model Number	Parts Name	Parts No.	Quantity	Remarks
1	DKU-F205I-406	Canister Assy	5487064-A	6	DK306-45 or DK308-45×6
		Nameplate	2099650-2	1	
2	DKU-F205I-401	Canister Assy	5487064-A	1	DK306-45 or DK308-45×1
		Nameplate	2099650-3	1	
3	DKU-F205I-906	Canister Assy	5491618-A	6	DK308-90×6
		Nameplate	2099650-26	1	
4	DKU-F205I-901	Canister Assy	5491618-A	1	DK308-90×1
		Nameplate	2099650-27	1	
5	DKU-F205I-304	Canister Assy	5487064-B	4	DK306-35×4
		Nameplate	2099650-22	1	
6	DKU-F205I-904	Canister Assy	5491618-A	4	DK308-90×4
		Nameplate	2099650-41	1	
7	DKU-F305I-1804	Canister Assy	5497473-A	4	DK309-180×4
		Nameplate	2102118-4	1	
8	DKU-F305I-1801	Canister Assy	5497473-A	1	DK309-180×1
		Nameplate	2102118-1	1	

3.4.5.3 De-Installation Procedure of the HDD Canister

1. De-installation of the HDD canister.

1.1 In case of DKU205I-14 S/N 10001-10127.

- a. Check the Shut Down LED ① on the HDD canister ②. (It should be RED.)

! CAUTION

A system down may be caused by a removal of an HDD canister other than that to be removed. Make sure that it is the HDD canister to be removed.

- b. Loosen screws ③ and remove the acrylic cover ④.
 c. Remove connector ⑤ from HDD canister ②.
 d. Loosen screw ⑥ and remove HDD canister ② from the HDU Box ⑦.
 e. Insert connector ⑤ into Jxxx ⑧.
 f. Attach the acrylic cover ④ to the HDU Box ⑦.

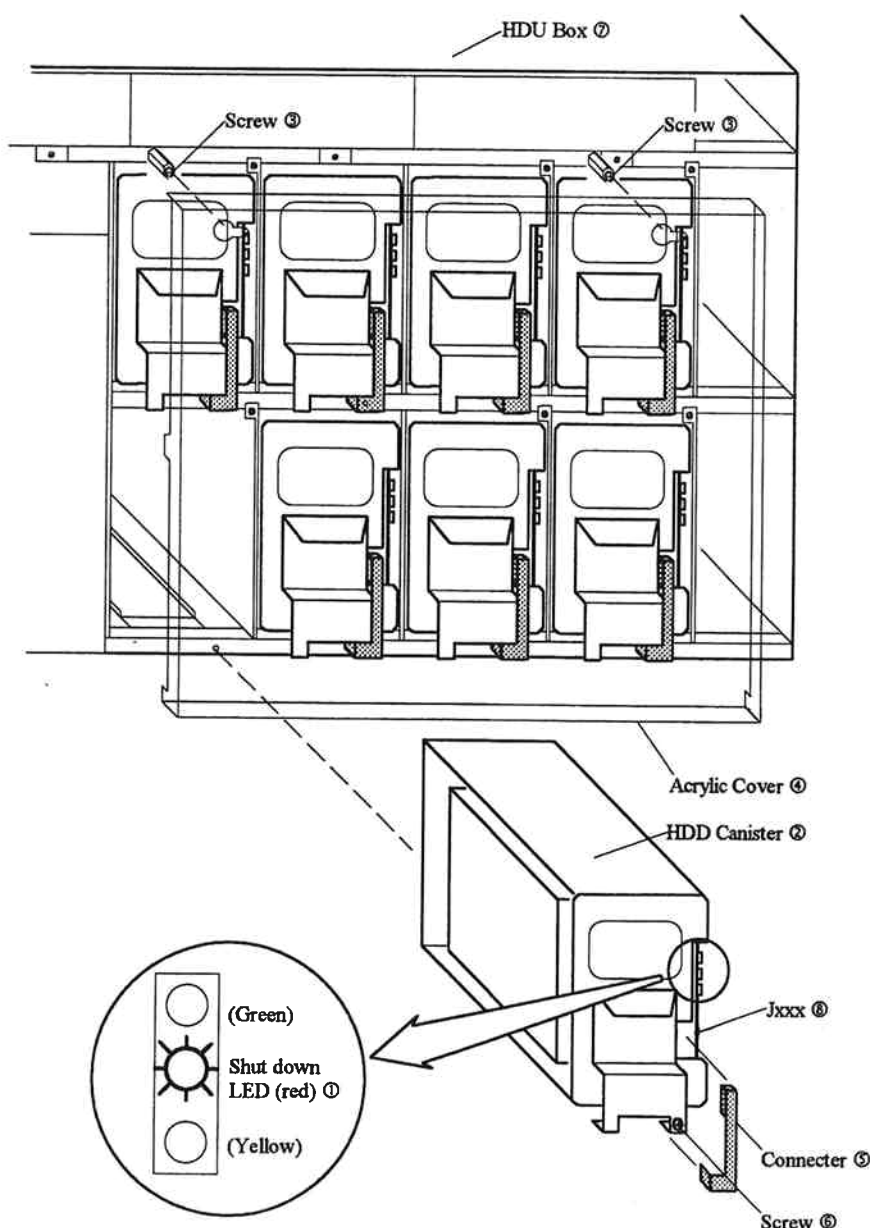


Fig. 3.4.5.3-1 De-Installation of HDD Canister

1.2 In case of DKU205I-14 S/N 10128-.

- a. Check the Shut Down LED ① on the HDD canister ②. (It should be RED.)

**CAUTION**

A system down may be caused by a removal of an HDD canister other than that to be removed. Make sure that it is the HDD canister to be removed.

- b. Remove the acrylic cover ③.
 c. Remove connector ④ from HDD canister ②.
 d. Loosen screw ⑤ and remove HDD canister ② from the HDU Box ⑥.
 e. Insert connector ④ into Jxxx ⑦.
 f. Attach the acrylic cover ③ to the HDU Box ⑥.

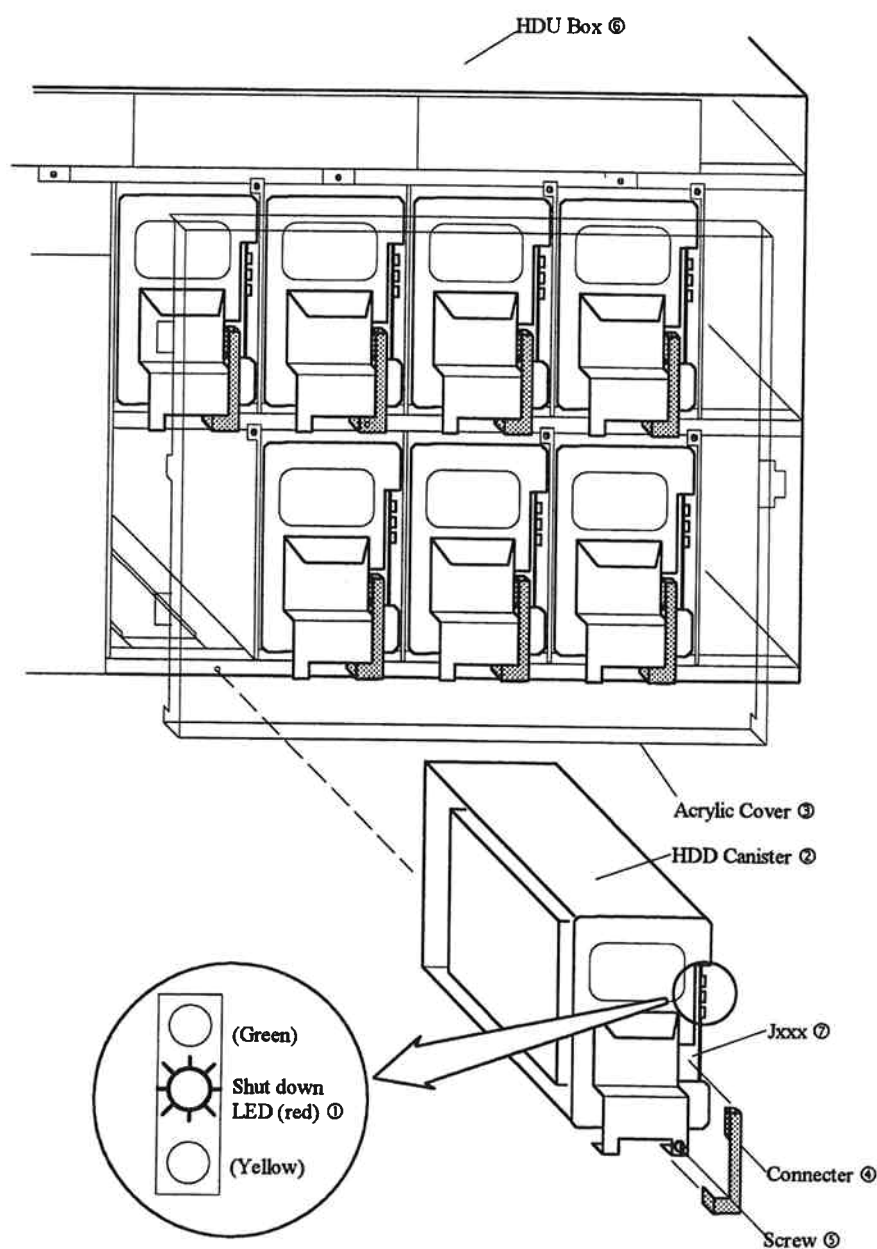


Fig. 3.4.5.3-2 De-Installation of HDD Canister

2. Removal of the nameplate.

- a. Remove the nameplate corresponding to model number and serial number of the removed HDD canister(s).
(Fig. 3.4.5.3-3)

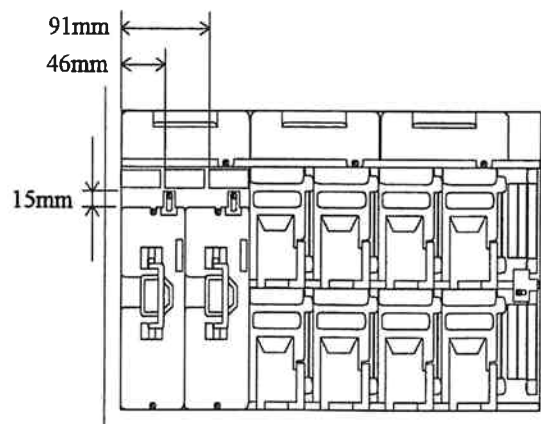
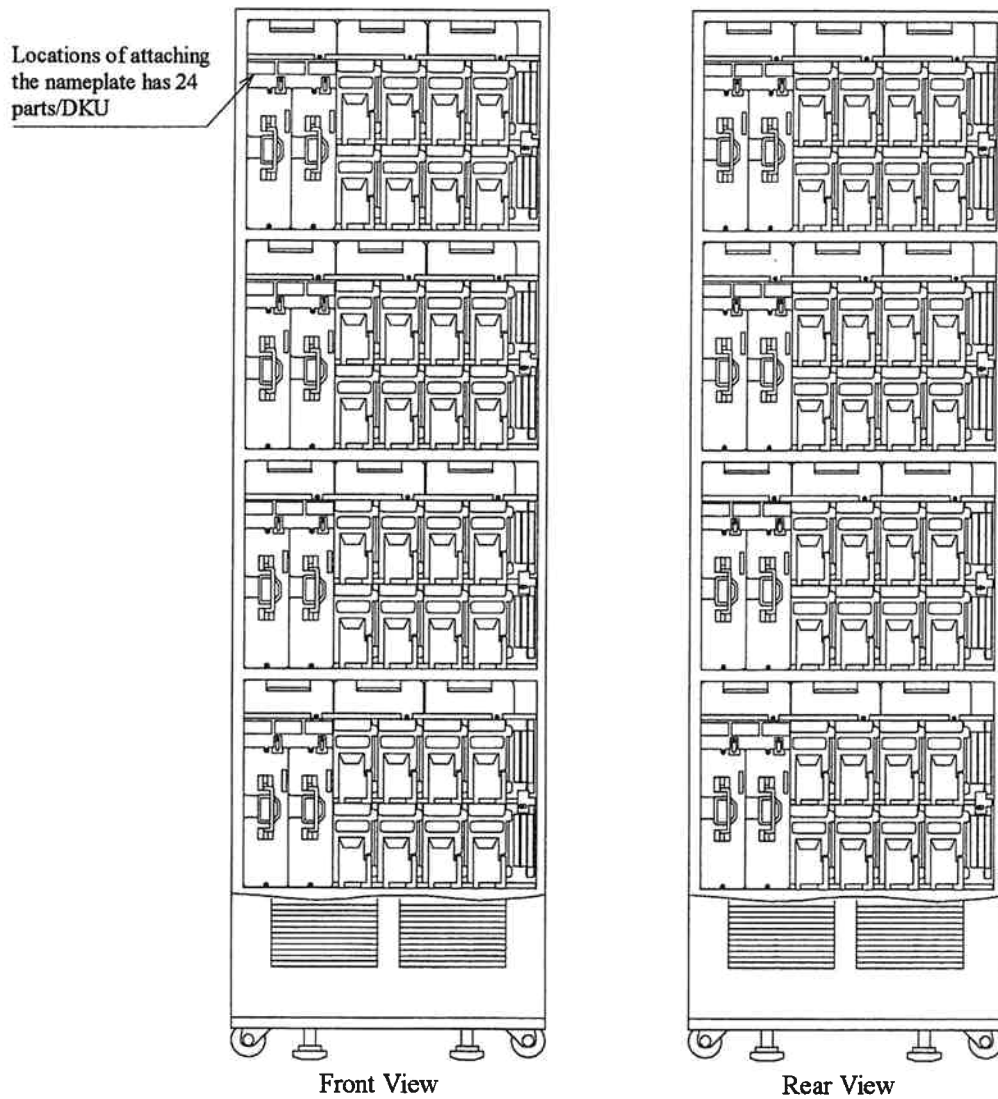


Fig. 3.4.5.3-3 Removal of Nameplate

3. Return to General Flow.

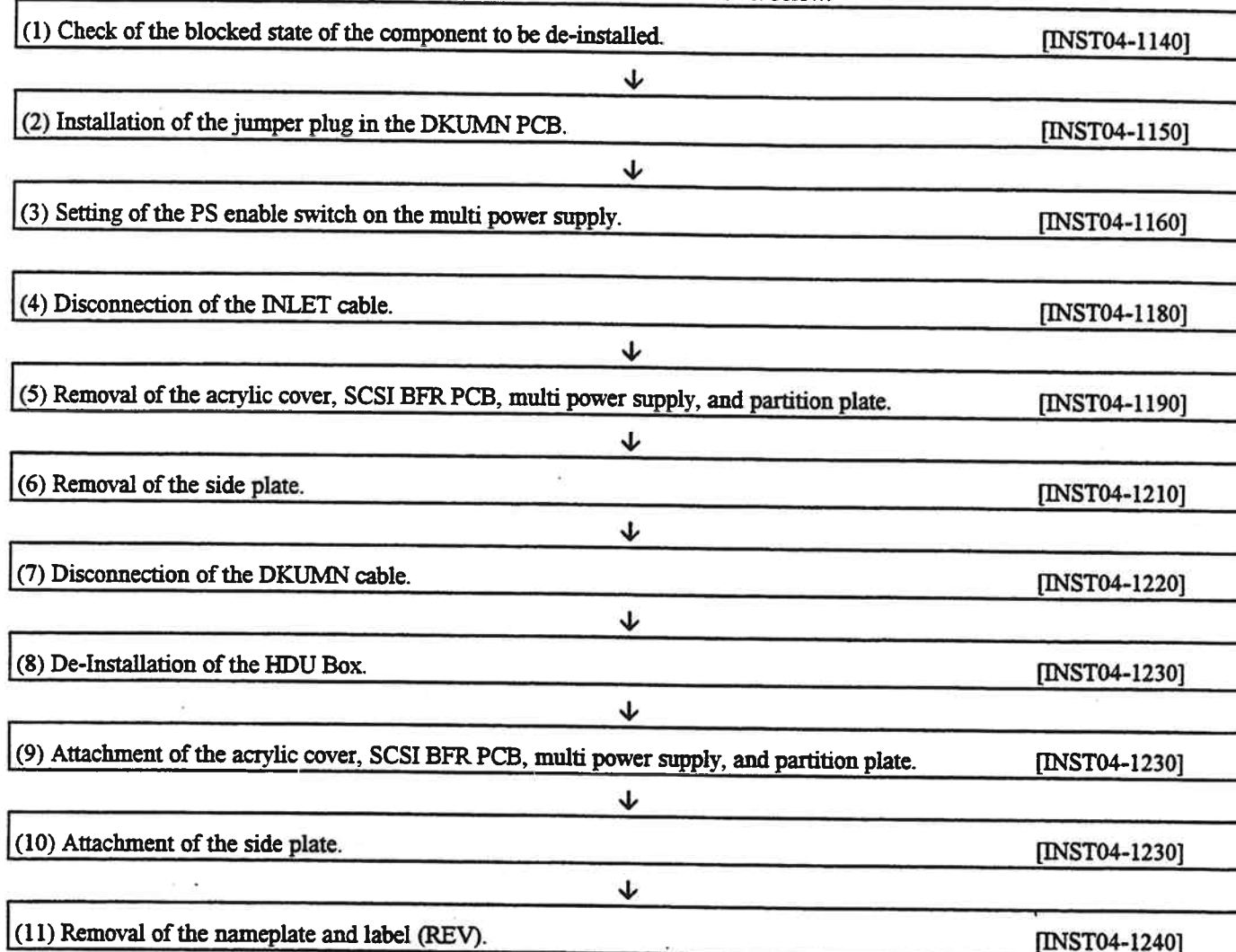
Non-Disruptive De-installation: Go to INST02-30 Step (2)-5.

Disruptive De-installation: Go to INST02-51 Step (10).

3.4.6 De-Installation of Platform for the Canister Mount (DKU-F205I-B4)

3.4.6.1 Flowchart

The procedure for de-installing the platform for the canister mount is shown below.



3.4.6.2 Parts List

Table 3.4.6.2-1 Parts List for Platform for Canister Mount

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKU-F205I-B4	HDU Box	1503382-A	4	
		Multi Power Supply (HS300-04C-P / HS300-04C-V)	5487059-A	8	
		SCSI BFR PCB	5487056-A	8	
		DKU FAN Assembly	5487062-A	12	
		Nameplate E (DKU-F205I)	2099650-1	1	
		Label (REV)	3239458-1	1	

3.4.6.3 De-Installation Procedure of Platform for the Canister Mount

1. Check of the blocked state of the component to be de-installed.

- a. Check the Shut Down LED ① on the SCSI BFR PCB ② in the HDU box to be de-installed (Shut Down LED should be Red).

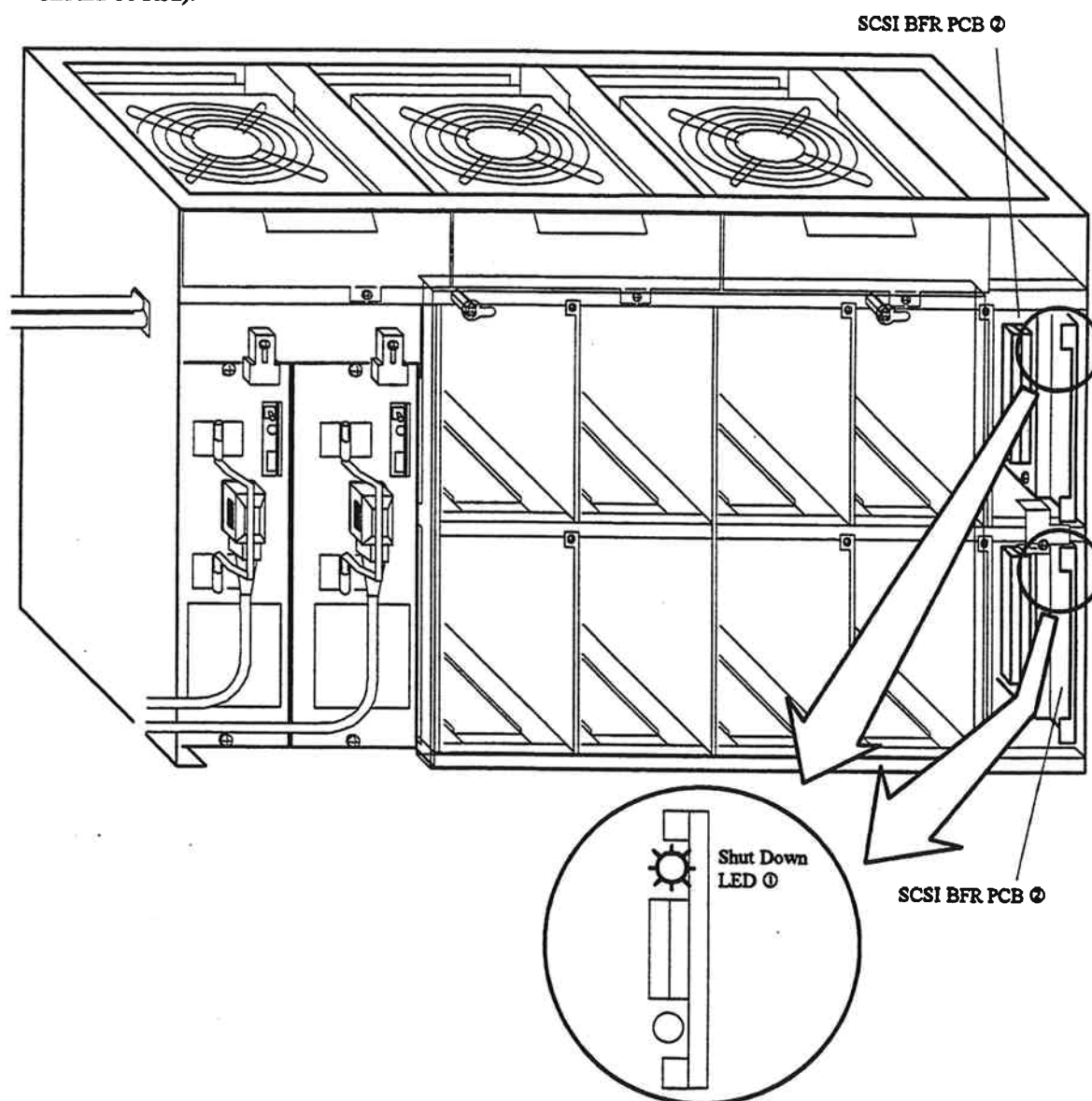


Fig 3.4.6.3-1 Check of the Blocked State of Component to be De-Installed

2. Installation of the jumper plug in the DKUMN PCB.

- a. Install the jumper plugs for JP3 ① on the DKUMN PCBs ②, referring to Fig. 3.4.6.3-2.

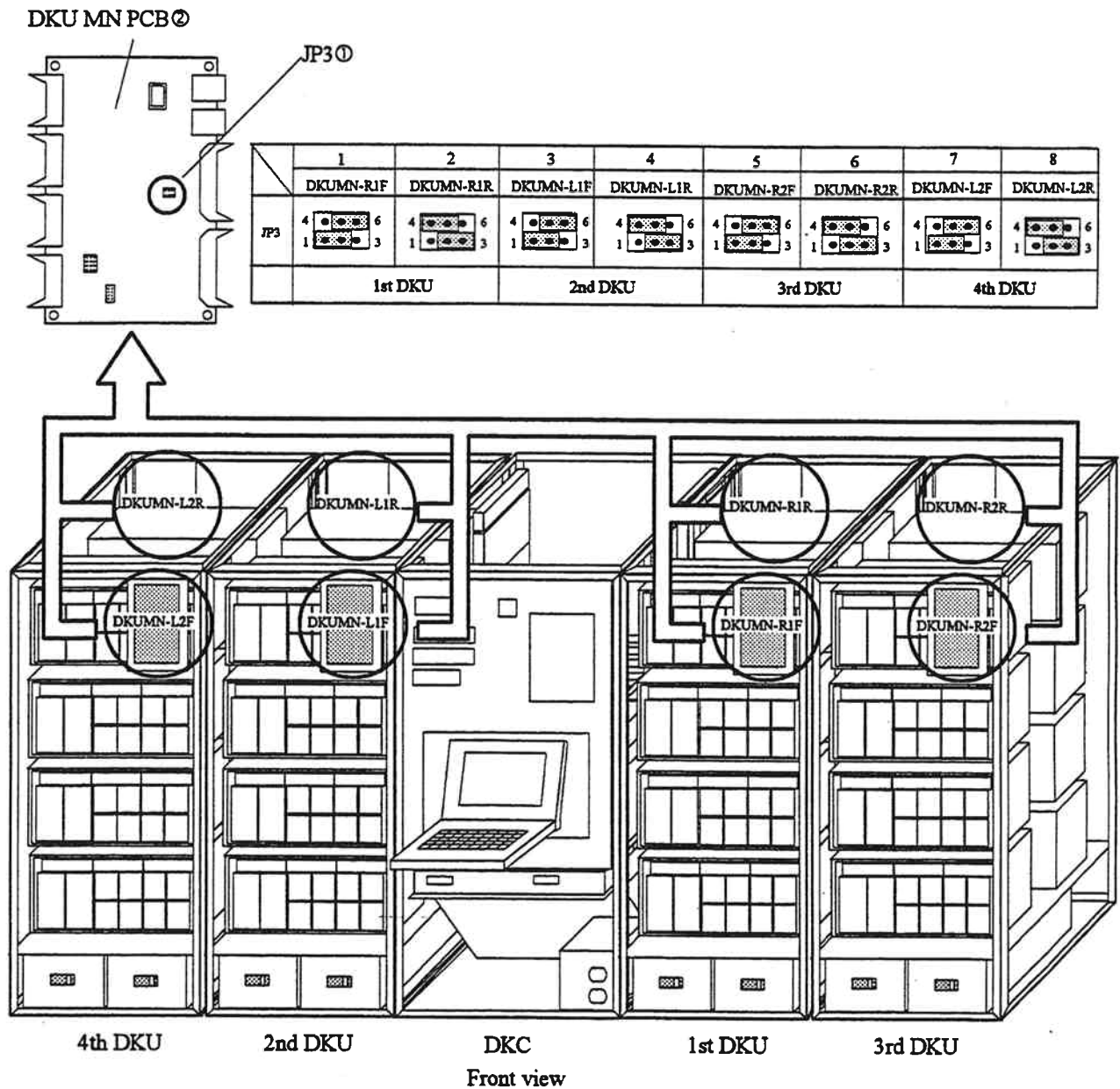


Fig. 3.4.6.3-2 DKUMN PCB jumper plug Positions

3. Setting of the PS enable switch on the multi power supply.

3.1 Case in multi power supplies of old type.

- a. Set the PS enable switch ① on the multi power supply ② to off and make sure that the PS enable LED ③ goes off.

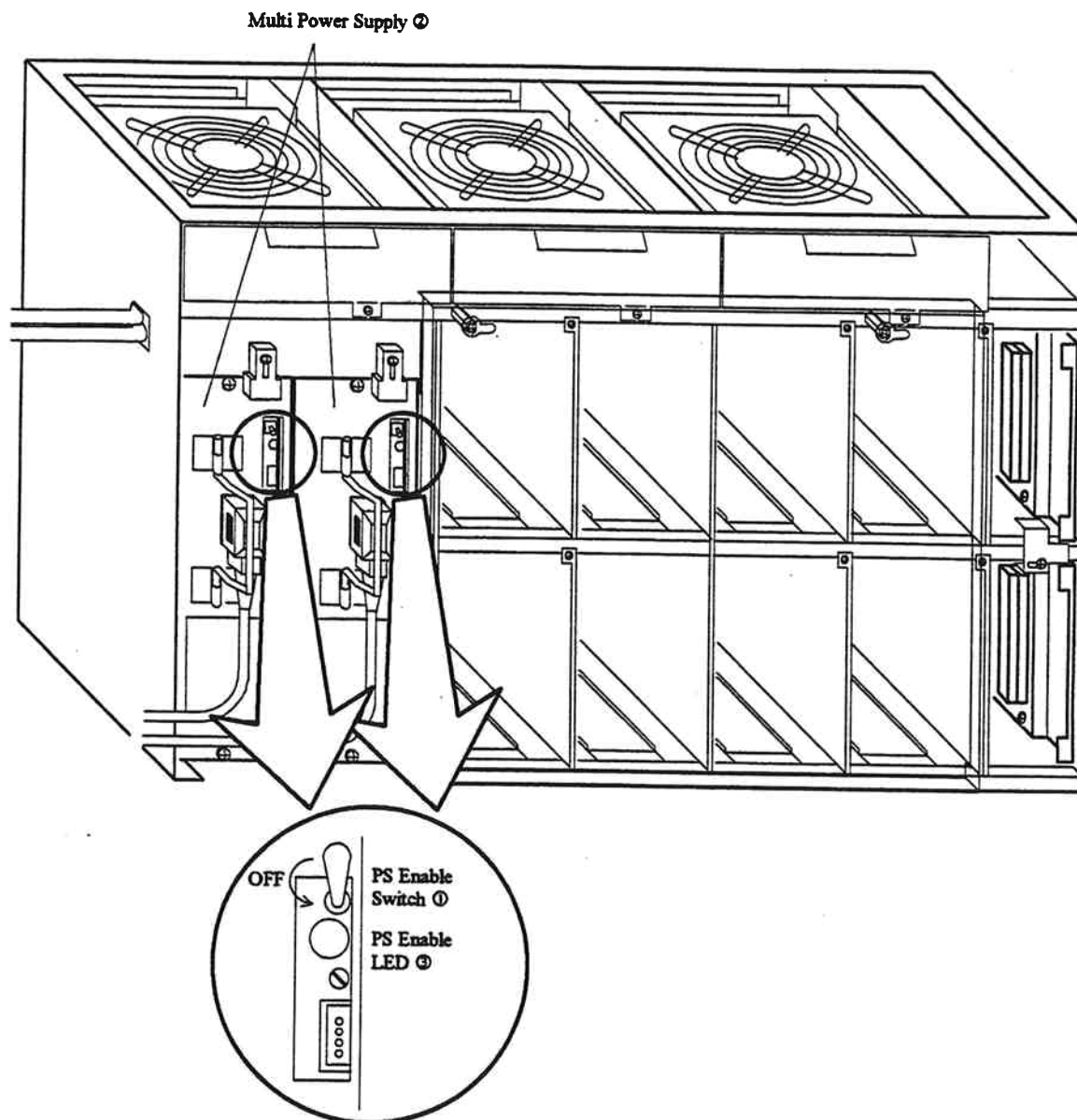


Fig. 3.4.6.3-3 Set the PS Enable Switch on the Multi Power Supply (Old Type)

3.2 Case in multi power supplies of new type.

- a. Set the PS enable switch ① on the multi power supply ② to off and make sure that the PS enable LED ③ goes off.

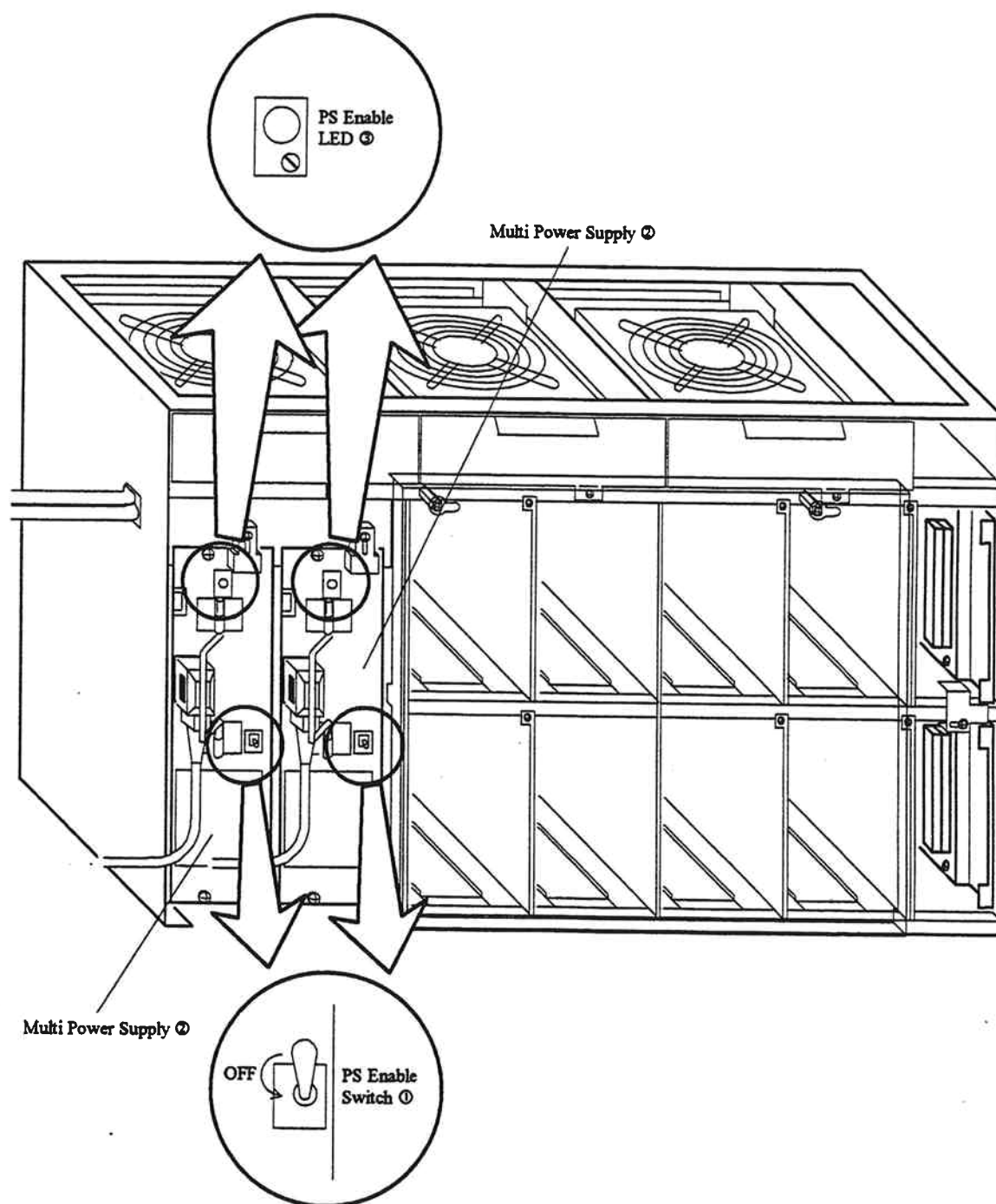


Fig. 3.4.6.3-4 Set the PS Enable Switch on the Multi Power Supply (New Type)

4. Disconnection of the INLET cable.

a. Disconnect the INLET cables referring to Table 3.4.6.3-1 and Fig. 3.4.6.3-5.

Table 3.4.6.3-1 INLET Cables and Matching Connectors

Location of HDU Box	No.	INLET Cable ①	Connector
XX4	1	4-P601-1	4-J601-1
	2	4-P601-2	4-J601-2
XX5	1	5-P601-1	5-J601-1
	2	5-P601-2	5-J601-2
XX6	1	6-P601-1	6-J601-1
	2	6-P601-2	6-J601-2
XX7	1	7-P601-1	7-J601-1
	2	7-P601-2	7-J601-2

Location of HDU Boxes

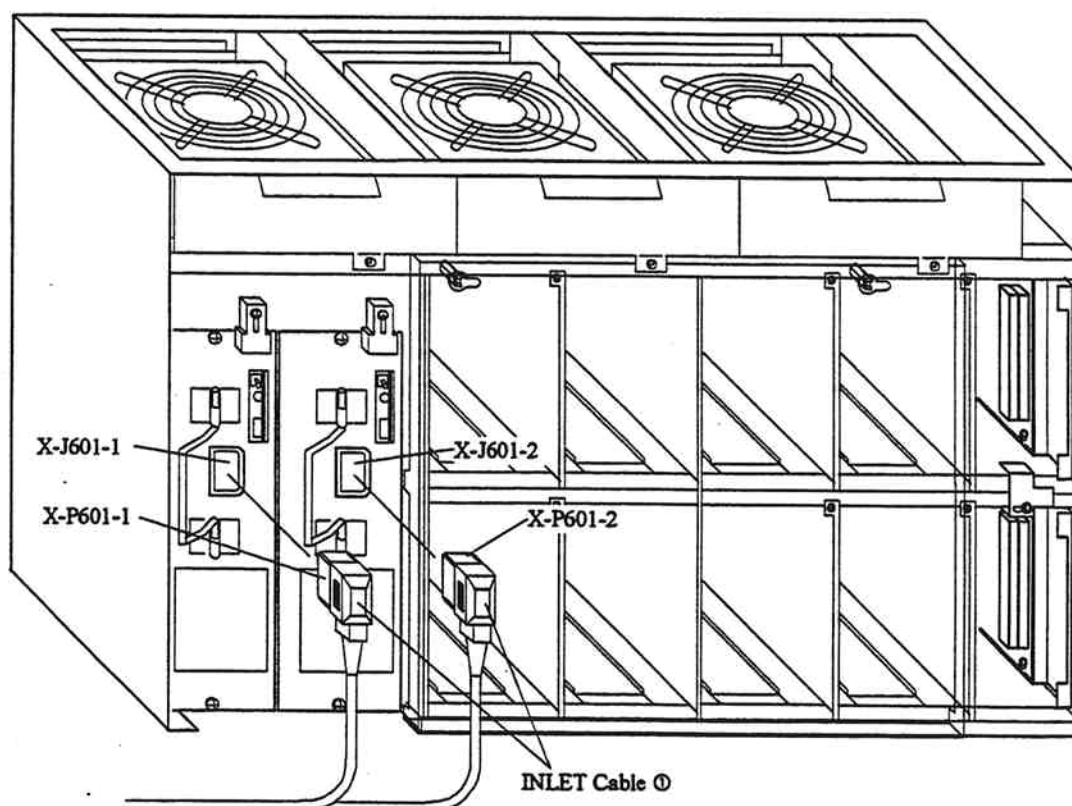
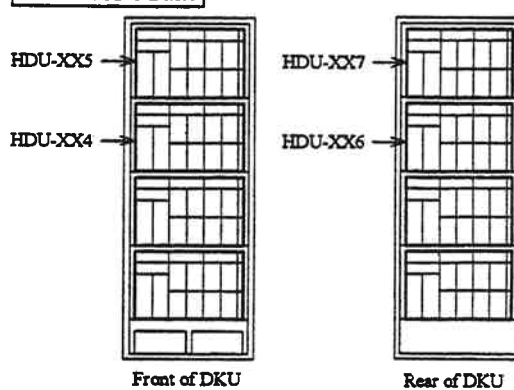


Fig. 3.4.6.3-5 Disconnection of the INLET Cable

5. Removal of the acrylic cover, SCSI BFR PCB, multi power supply, and partition plate.

- a. In case of acrylic cover of old type. Loosen screws ① and remove the acrylic cover ②.

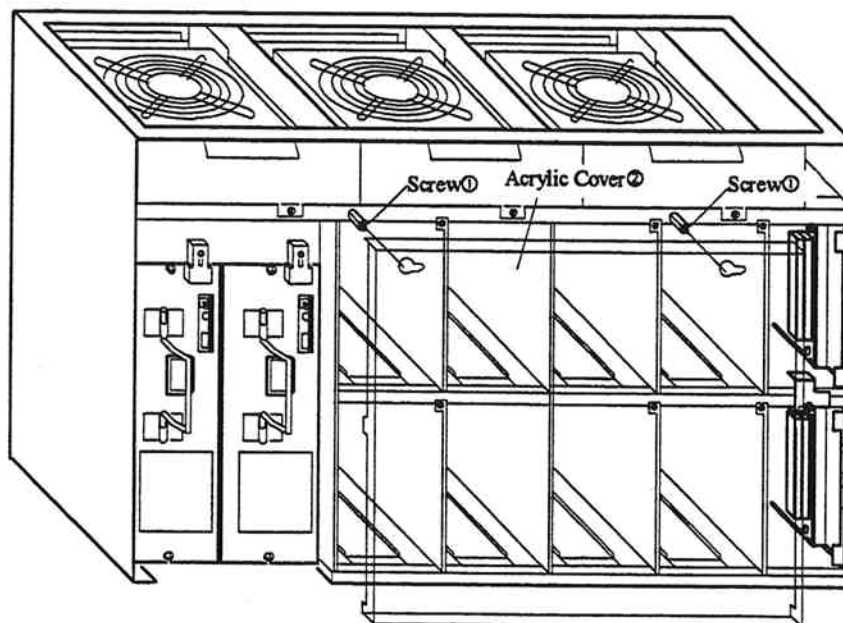


Fig. 3.4.6.3-6 Removal of the Acrylic Cover

- b. In case of acrylic cover of new type. Remove the acrylic cover ①.

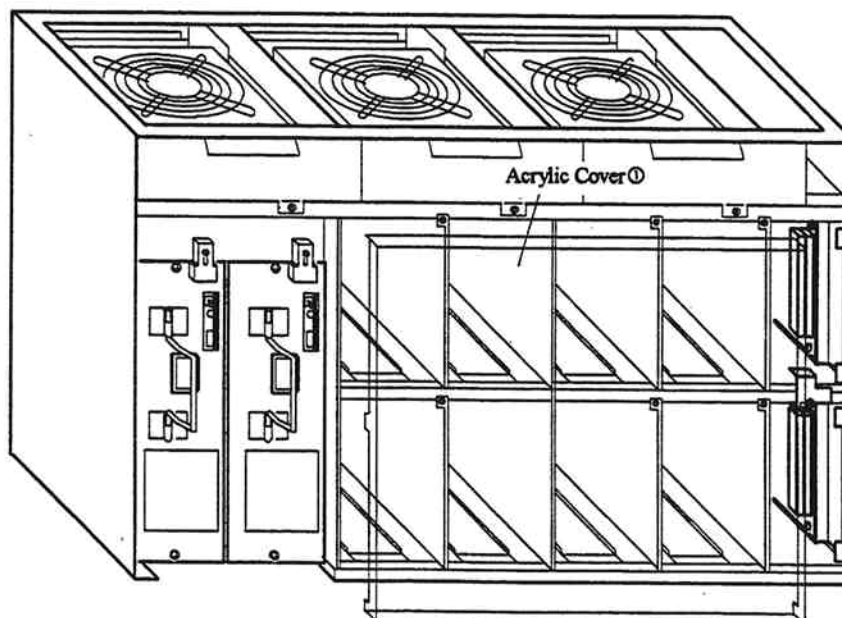


Fig. 3.4.6.3-7 Removal of the Acrylic Cover

- c. Loosen screw ① on stopper ② securing the SCSI BFR PCB ③ in the HDU box to be installed, slide stopper ② to the left, and pull out the SCSI BFR PCB ③.

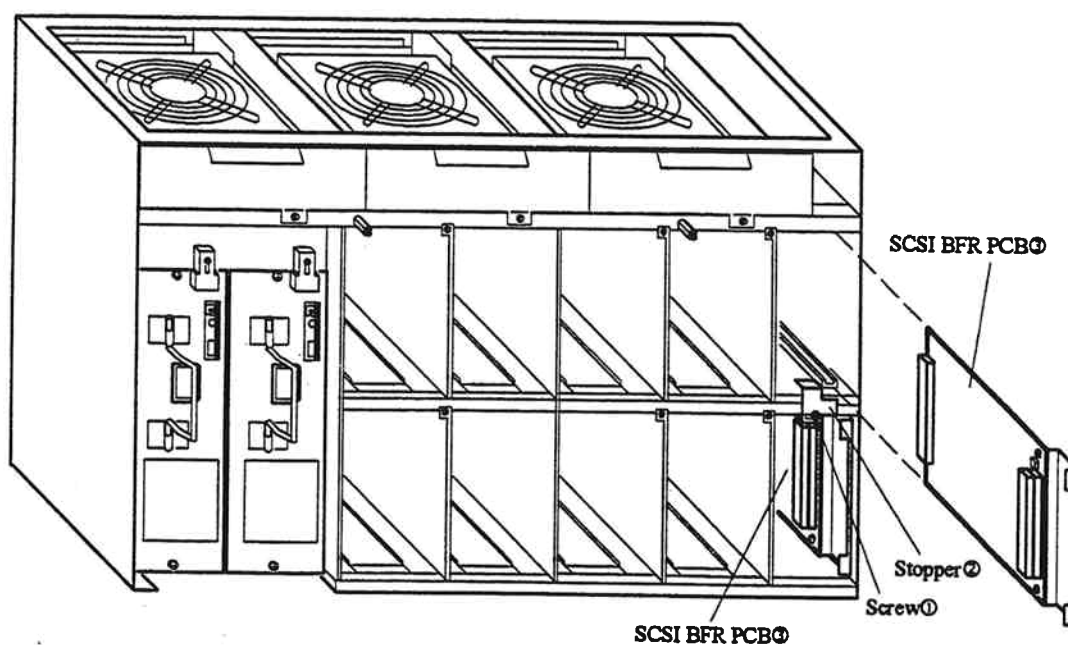


Fig. 3.4.6.3-8 Removal of the SCSI BFR PCB

- d. Remove screws ① securing the multi power supply ② in the HDU box to be installed, loosen screws ③ and flip up the buffering rubbers ④, and pull out the multi power supply ②.

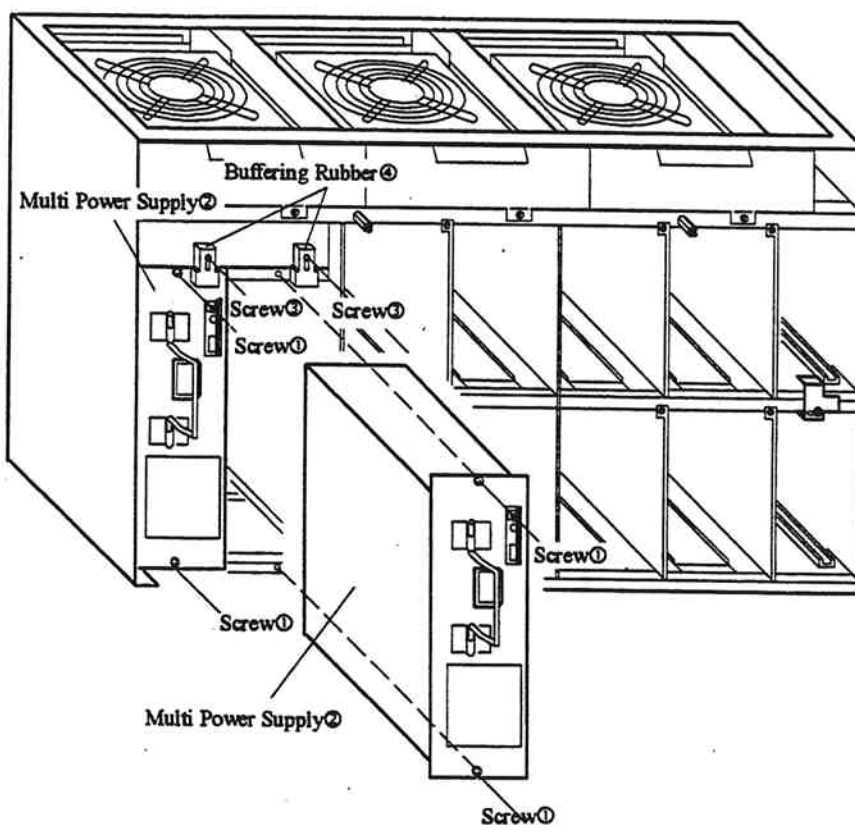


Fig. 3.4.6.3-9 Removal of the Multi Power Supply

e. Remove screws ① and pull out the partition plates ②.

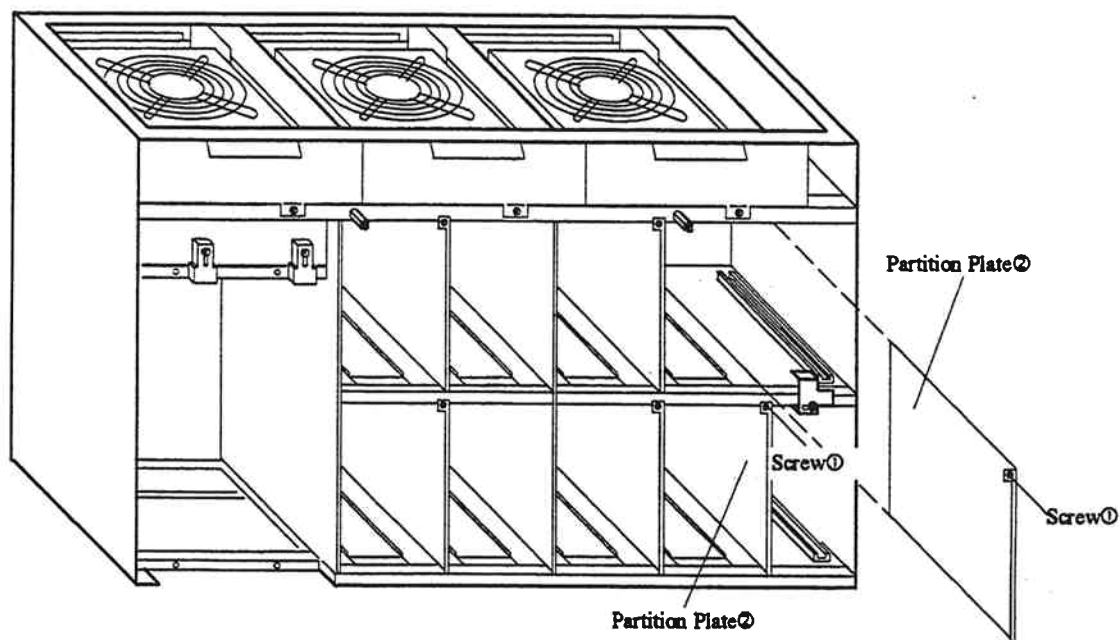


Fig. 3.4.6.3-10 Removal of the Partition Plate

6. Removal of the side plate.

- Loosen screws ① and raise DKUMN PCBs ② and secure DKUMN PCBs ② with screws ③.
- Remove screws ④ and side plates ⑤.
- Loosen screws ⑥ and raise cable ducts ⑦ when de-installing the HDU box.

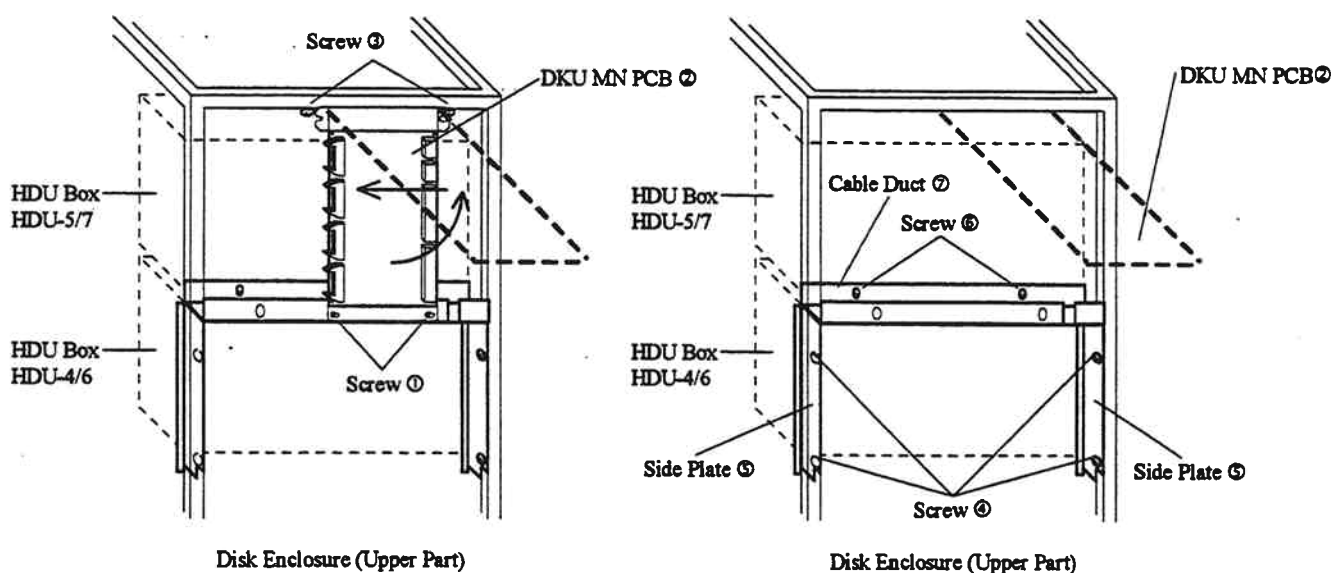


Fig. 3.4.6.3-11 Removal of the Side Plate

7. Disconnection of the DKUMN cable.

a. Disconnection of the DKUMN cables ① referring to Table 3.4.6.3-2 and Fig. 3.4.6.3-12.

Table 3.4.6.3-2 DKUMN Cables and Matching Connectors

Location of HDU Box	No.	DKU MN Cable ①	Connector
XX4	1	4-P301	4-J301
	2	4-P302	4-J302
XX5	1	5-P301	5-J301
	2	5-P302	5-J302
XX6	1	6-P301	6-J301
	2	6-P302	6-J302
XX7	1	7-P301	7-J301
	2	7-P302	7-J302

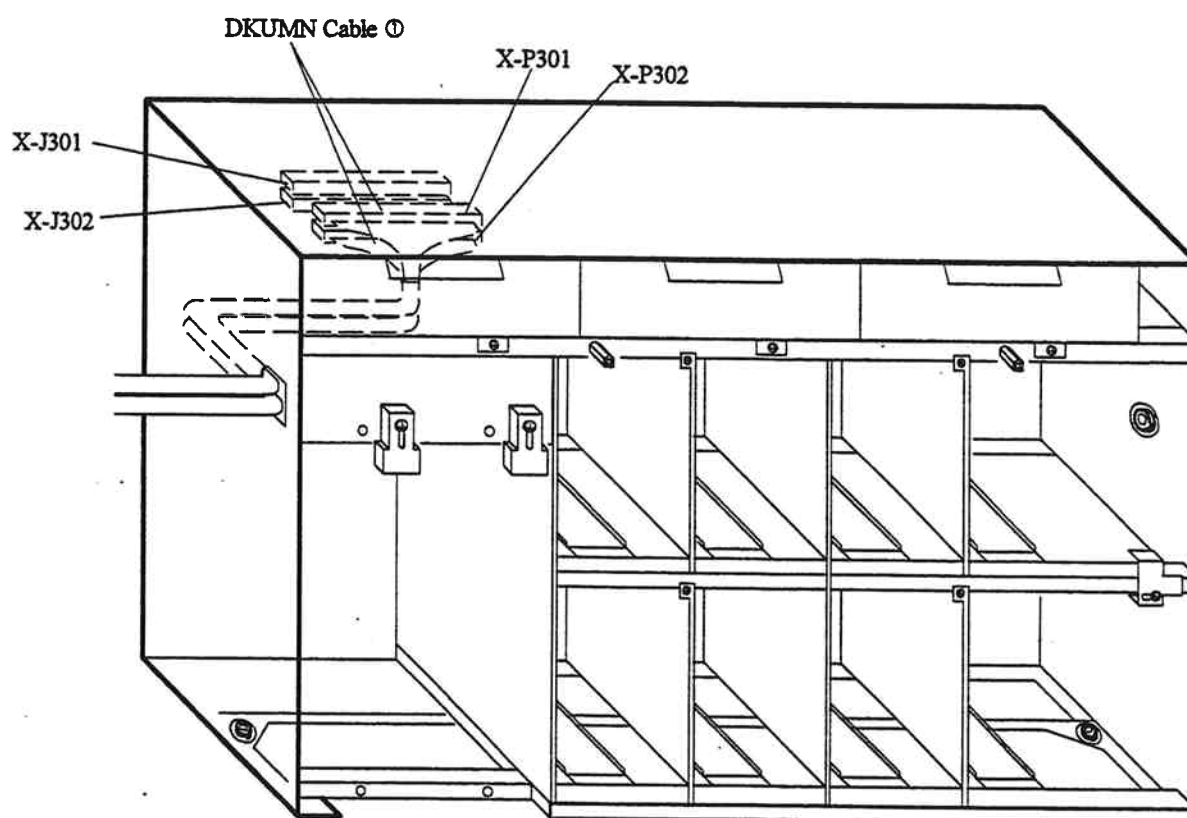
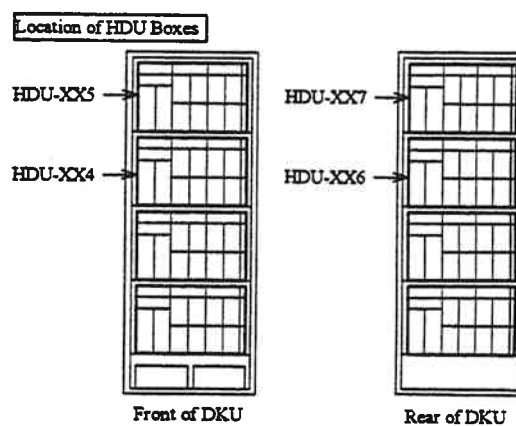


Fig. 3.4.6.3-12 Disconnection of the DKUMN Cable

8. De-Installation of the HDU Box.

- a. Remove screws ① and plastic washers ②, and remove the HDU Box from the Disk Unit.

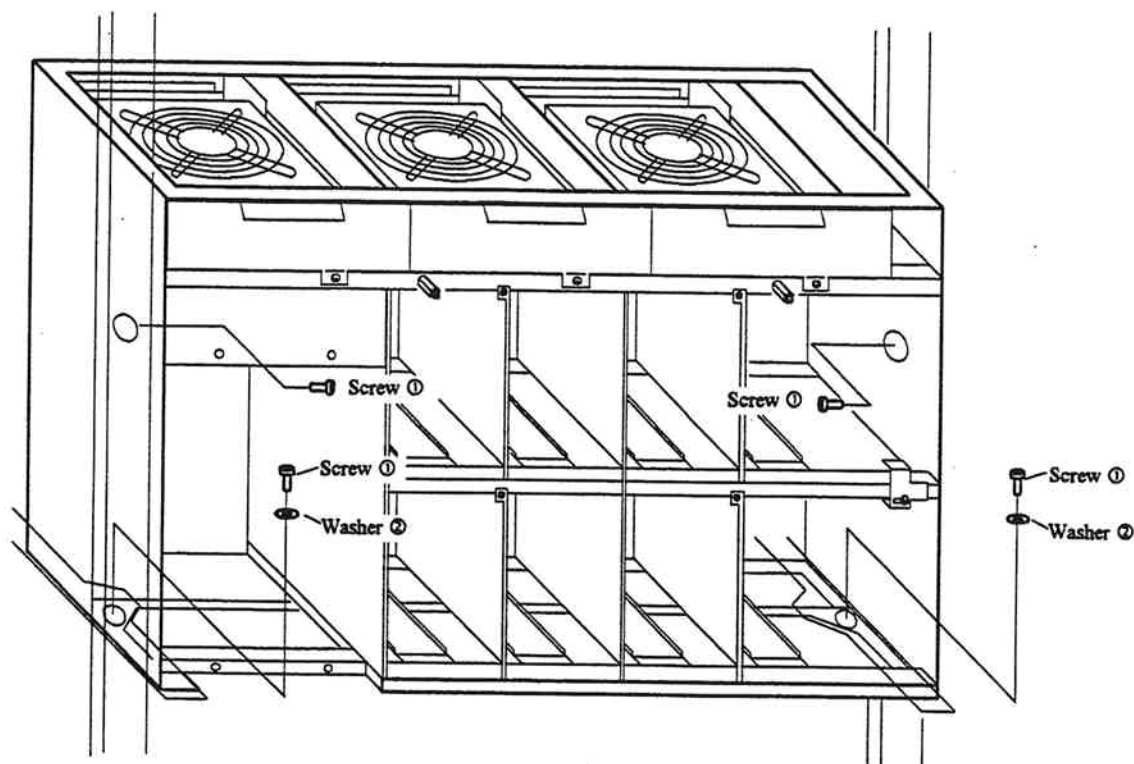


Fig. 3.4.6.3-13 De-Installation of the HDU Box

9. Attachment of the acrylic cover, SCSI BFR PCB, multi power supply, and partition plate.

- a. Attach the acrylic cover, SCSI BFR PCB, multi power supply, and partition plate in the HDU Box in the reverse order of Step 5.

10. Attachment of the side plate.

- a. Attach the side plates in the reverse order of Step 6.

11. Removal of the nameplate and label (REV).

- a. Remove the nameplate ① and label (REV) ② of additional HUD box, referring to a Fig. 3.4.6.3-14.

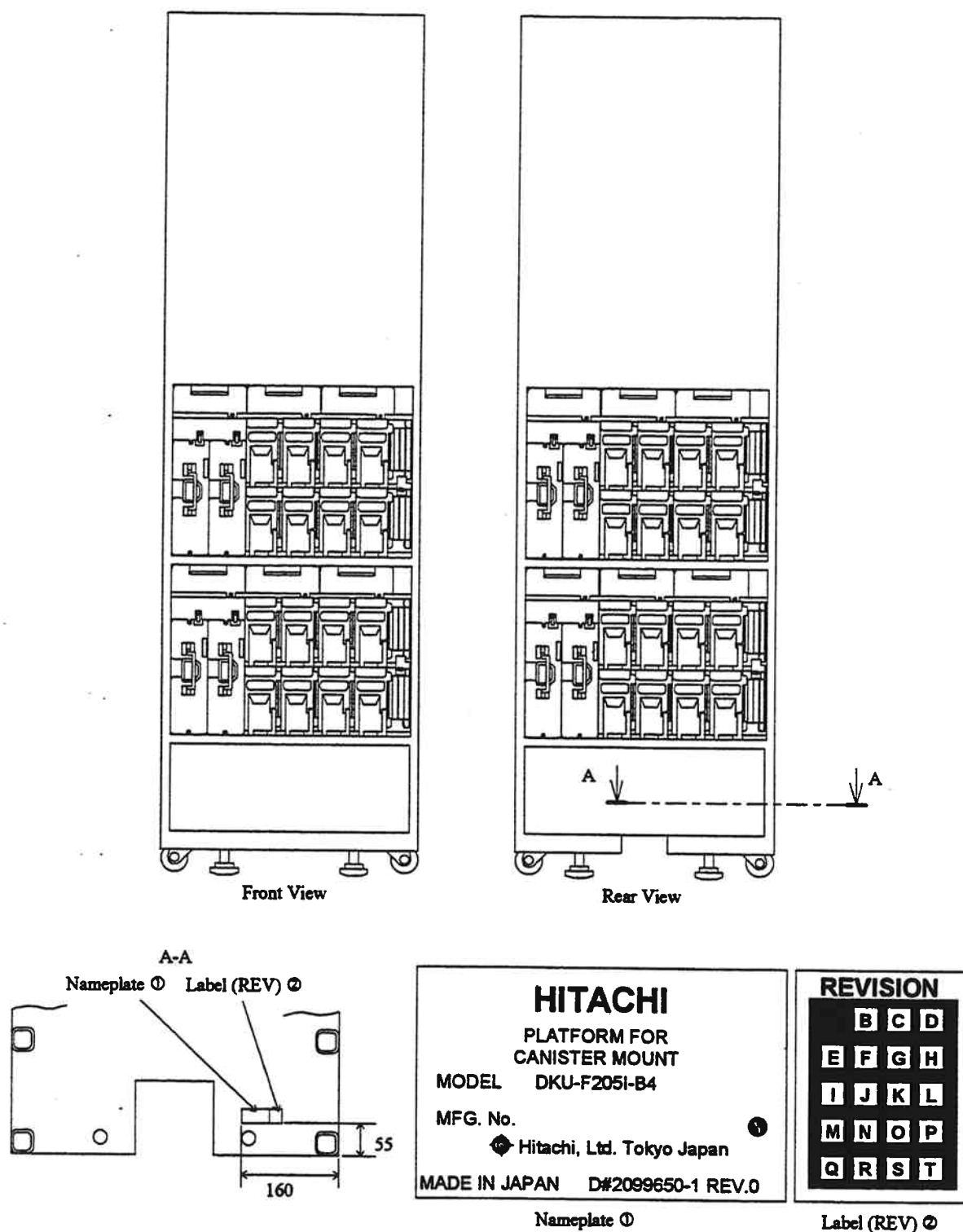


Fig. 3.4.6.3-14 Removal of the Nameplate and Label (REV)

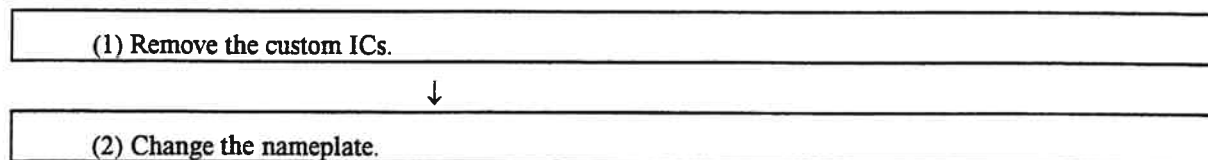
12. Return to General Flow.

Non-Disruptive De-installation: Go to INST02-31 Step (4)-5.

Disruptive De-installation: Go to INST02-51 Step (11).

3.4.7 De-Installation of RAID 5 Booster(DKC-F210I-51)

3.4.7.1 Flowchart



3.4.7.2 Parts List

Table 3.4.7.2.1-1 Parts List for RAID 5 Booster

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKC-F210I-51	IC	5483866-101	2	

3.4.7.3 De-Installation Procedure of RAID 5 Booster

1. Remove the IC. Refer to Fig. 3.4.7.3-1 and Fig. 3.4.7.3-2.

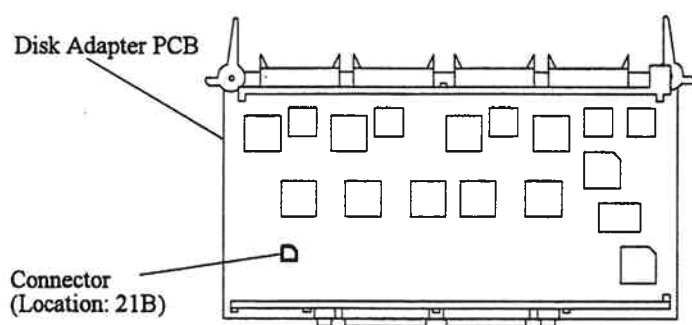


Fig. 3.4.7.3-1 Removal Location

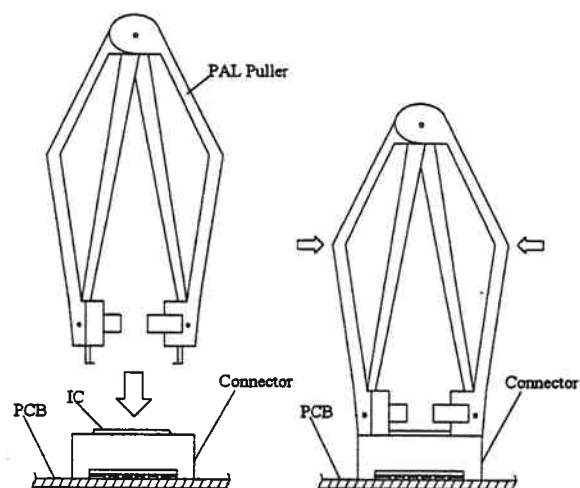


Fig. 3.4.7.3-2 Removal of IC

2. Change of the nameplate

- a. Wipe off and mark out the necessary number of "Qt." for DKC-F210I-51 on the FEATURE MODEL nameplate.

Refer to Fig. 3.4.7.3-3 and Table 3.4.7.3-1.

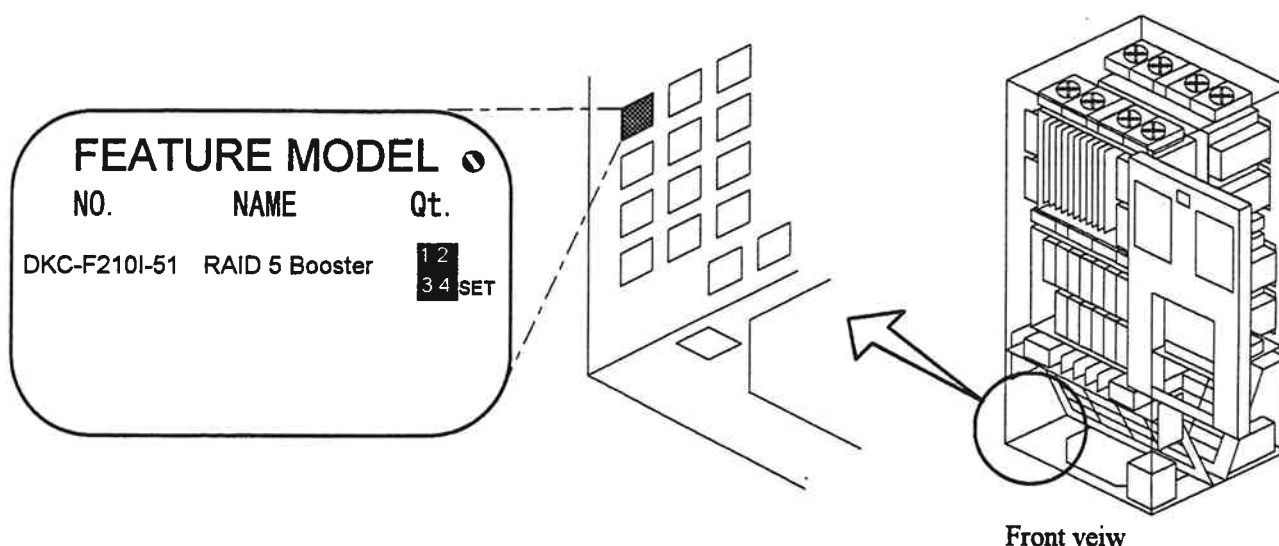


Fig. 3.4.7.3-3 Change of Nameplate

Table 3.4.7.3-1 Quantity Marking

No.	Quantity Marking	
	Number of DKC-F210I-51 sets	Qt.
1	1 set	1
2	2 sets	2
3	3 sets	3
4	4 sets	4

3. Return to General Flow.

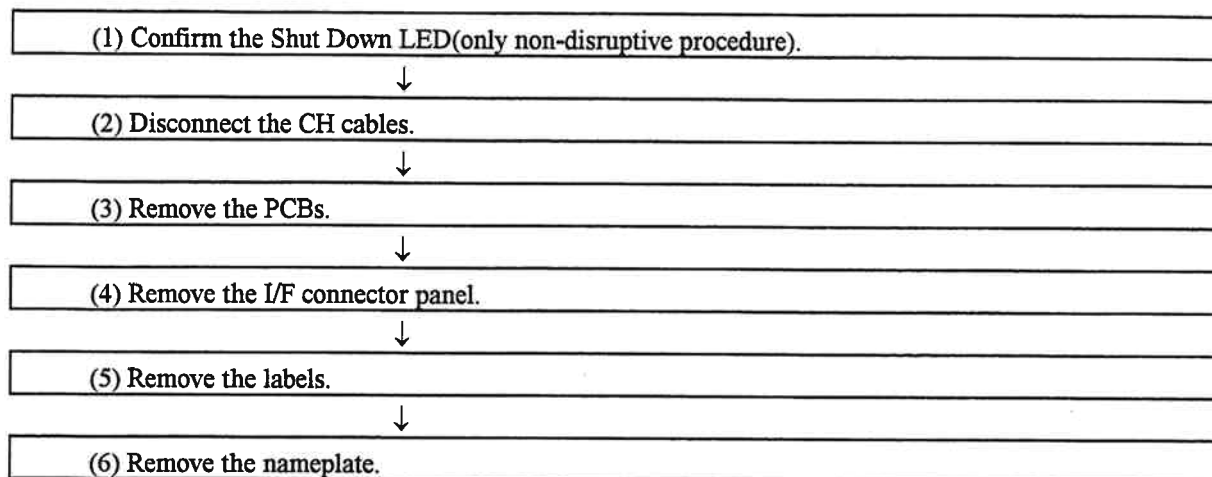
Non-disruptive De-Installation: Go to INST02-30 Step (3)-7.

Disruptive De-Installation: Go to INST02-51 Step (13).

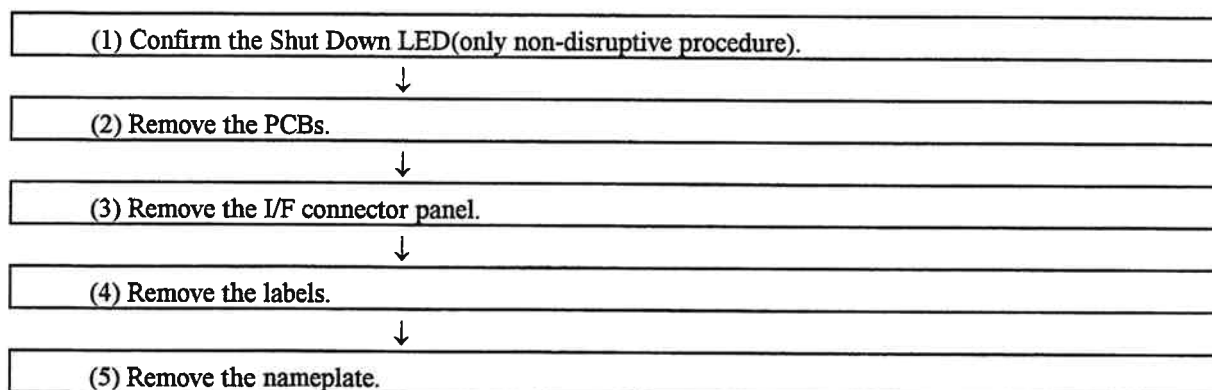
3.4.8 De-Installation of Channel Switch

3.4.8.1 Flowchart

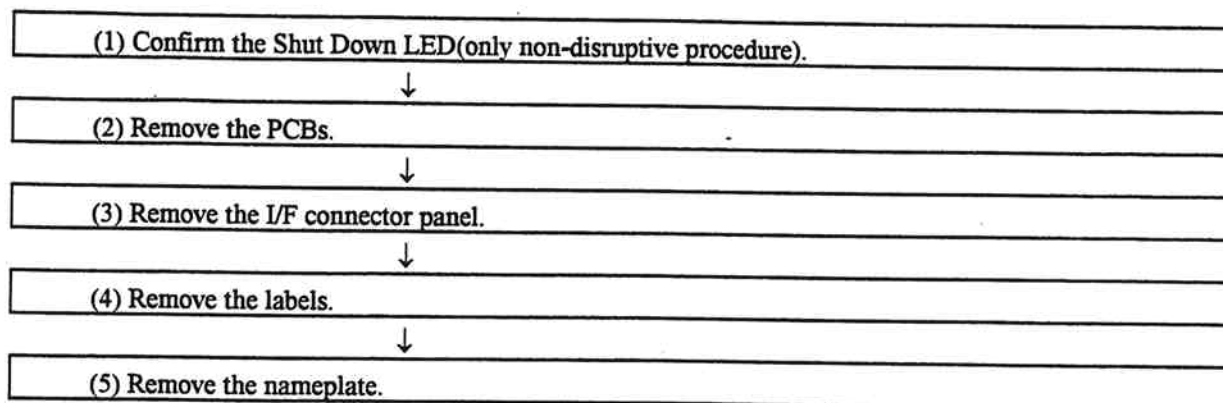
3.4.8.1.1 De-Installation of Parallel 8 Channel Switch(DKC-F210I-8P/8PE)[INST04-1290]



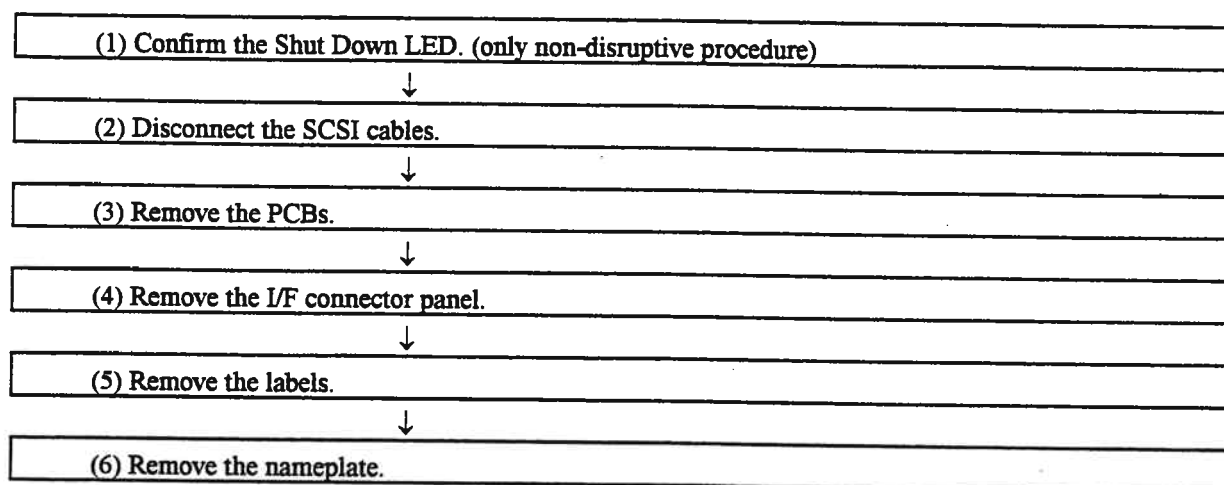
3.4.8.1.2 De-Installation of Serial 4 Port Adapter (DKC-F210I-4S/4SE)[INST04-1330]



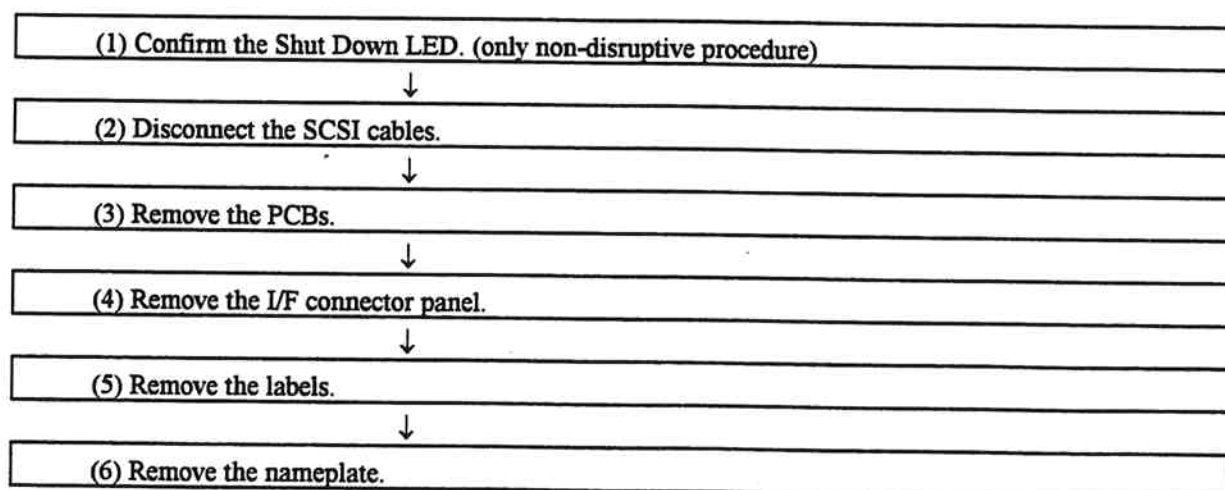
3.4.8.1.3 De-Installation of Serial 8 Port Adapter (DKC-F210I-8S/8SE)[INST04-1360]



3.4.8.1.4 De-Installation of SCSI 8 Port Adapter (DKC-F210I-8C)[INST04-1385]



3.4.8.1.5 De-Installation of SCSI 8 Port Adapter (Dual Processor) (DKC-F210I-8CD)[INST04-1386]



3.4.8.2 De-Installation of Parallel 8 Channel Switch(DKC-F210I-8P/8PE)

3.4.8.2.1 Parts list

Table 3.4.8.2.1-1 Parts List for Parallel 8 Channel Switch

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKC-F210I-8P	Channel Adapter PCB	3236921-A	2	
		I/F Connector Panel	2099257-A	1	Cluster 1 side
		I/F Connector Panel	2099257-B	1	Cluster 2 side
		Screw	SB408	20	
		Clip(1)	5480323-1	2	
		Clip(4)	5480326-1	4	
		Label	5480349-2	4	Parallel
		Nameplate	3243055-1	1	
		Bypass Connector	5430027-8	8	For removal of CHA
2	DKC-F210I-8PE	Channel Adapter PCB	3244974-A	2	
		I/F Connector Panel	2099257-A	1	Cluster 1 side
		I/F Connector Panel	2099257-B	1	Cluster 2 side
		Screw	SB408	20	
		Clip(1)	5480323-1	2	
		Clip(4)	5480326-1	4	
		Label	5480349-2	4	Parallel
		Nameplate	3244905-1	1	
		Bypass Connector	5430027-8	8	For removal of CHA

3.4.8.2.2 De-Installation Procedure of Parallel 8 Channel Switch

Additional Location(CH E-H)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)

- a. Confirm that Shut Down LED lights.(Fig. 3.4.8.2.2-1) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).

! CAUTION

A system down may be caused if the Shut Down jumper socket is inserted in a PCB other than that to be removed. Make sure that it is the PCB to be removed.

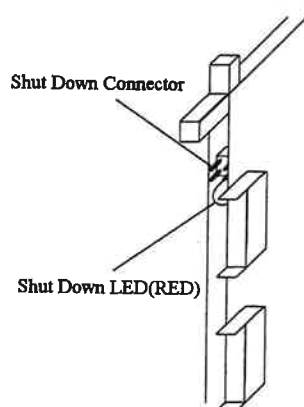


Fig. 3.4.8.2.2-1 Shut Down LED

2. Disconnection of the CH cables

- a. Disconnect the CH cables from the sub-edge connectors on the PCB referring to Table 3.4.8.2.2-1, Table 3.4.8.2.2-2, and Fig. 3.4.8.2.2-2.

Table 3.4.8.2.2-1 Removal Location

No.	Part name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	F and R	CHA-1F and CHA-2R	in Logic Box

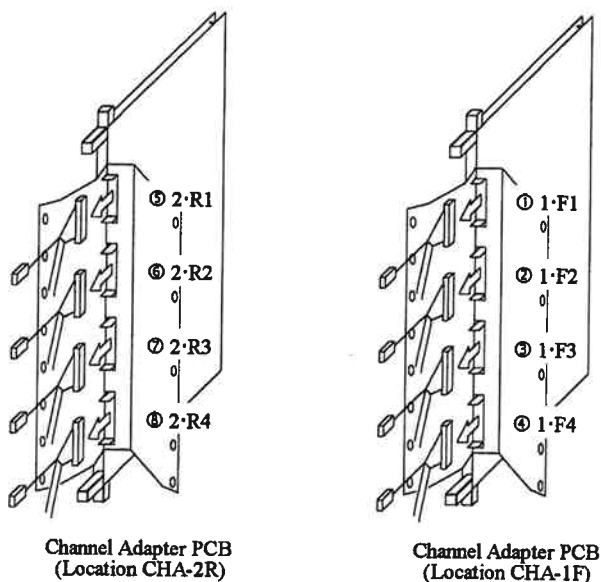


Table 3.4.8.2.2-2 CH Cable Connection

No.	CH cable	Sub-edge connector on PCB
1	1•E1/1•F1	1•F1
2	1•E2/1•F2	1•F2
3	1•E3/1•F3	1•F3
4	1•E4/1•F4	1•F4
5	2•Q1/2•R1	2•R1
6	2•Q2/2•R2	2•R2
7	2•Q3/2•R3	2•R3
8	2•Q4/2•R4	2•R4

Fig. 3.4.8.2.2-2 Disconnection of CH Cables

3. Removal of the PCBs

- a. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.2.2-3.

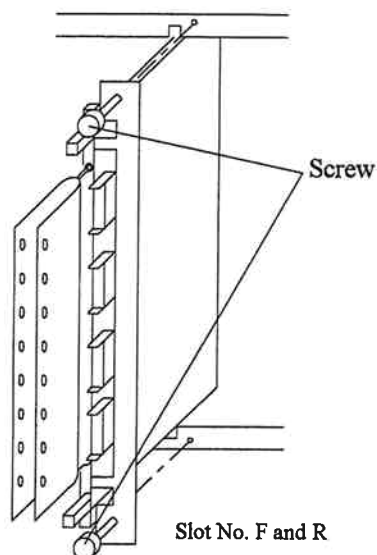
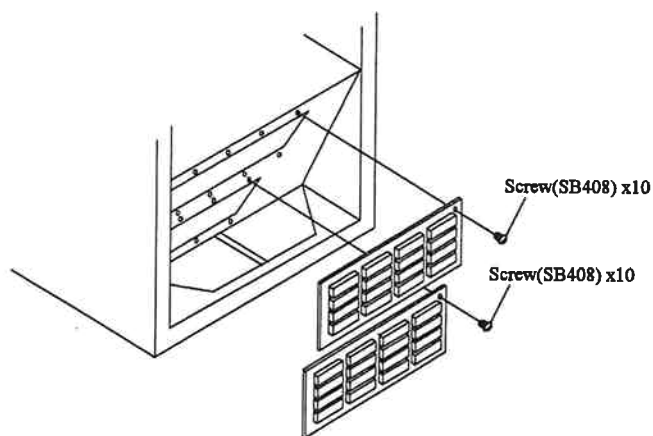


Fig. 3.4.8.2.2-3 Removal of PCB

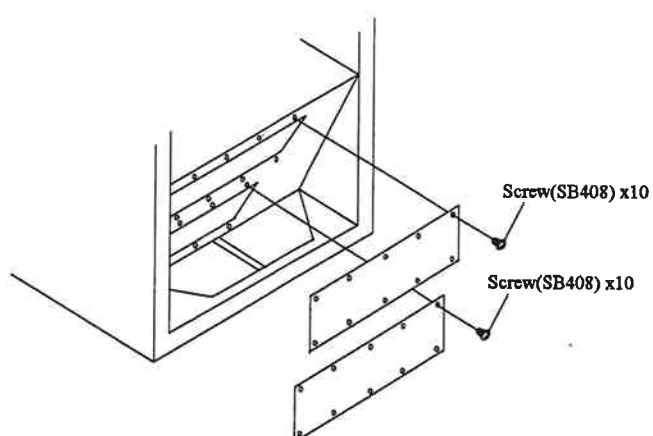
4. Removal of the I/F connector panel

- a. Remove the I/F connector panel referring to Fig. 3.4.8.2.2-4.
- b. Attach the dummy plate referring to Fig. 3.4.8.2.2-5.



Rear View of Disk Controller

Fig. 3.4.8.2.2-4 Removal of I/F Connector Panel



Rear View of Disk Controller

Fig. 3.4.8.2.2-5 Attachment of Dummy Plate

5. Labeling

- a. Remove the labels "PARALLEL PORT" from ③ and ④ referring to Fig. 3.4.8.2.2-6.

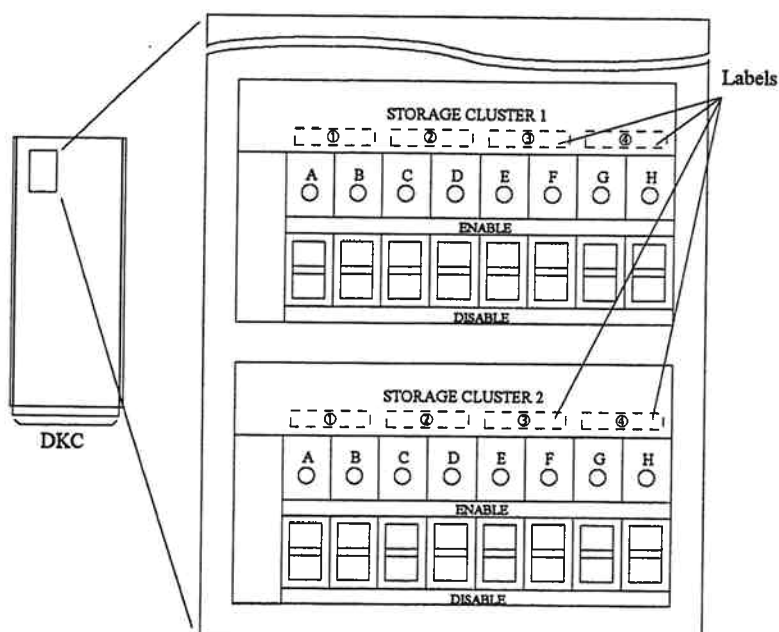
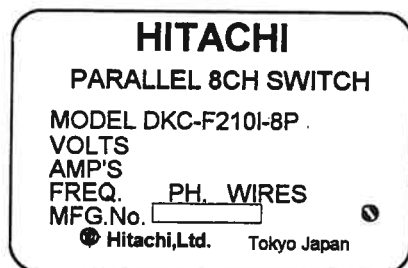


Fig. 3.5.1.2.2-6 Removal of Labels

6. Removal of the nameplate

- a. Remove the nameplate referring to Fig. 3.4.8.2.2-7.

• DKC-F210I-8P



• DKC-F210I-8PE

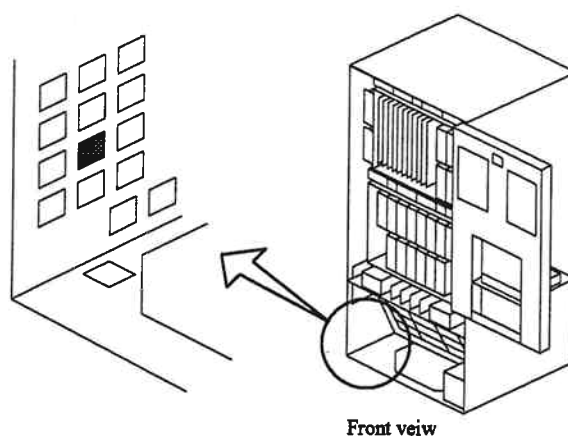
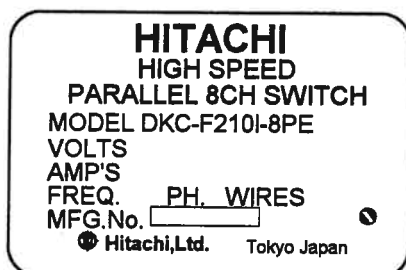


Fig. 3.4.8.2.2-7 Removal of Nameplate

7. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

Basic Location(CH A-D)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)
 - a. Confirm that Shut Down LED lights.(Fig. 3.4.8.2.2-8) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).

! CAUTION

A system down may be caused if the Shut Down jumper socket is inserted in a PCB other than that to be removed. Make sure that it is the PCB to be removed.

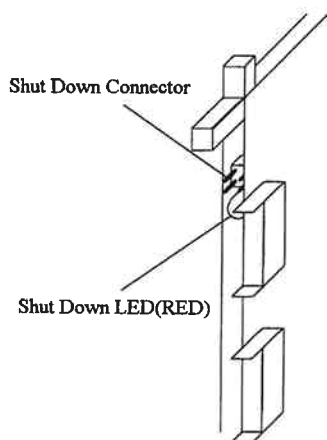


Fig. 3.4.8.2.2-8 Shut Down LED

2. Disconnection of the CH cables
 - a. Disconnect the CH cables from the sub-edge connectors on the PCB referring to Table 3.4.8.2.2-3, Table 3.4.8.2.2-4, and Fig. 3.4.8.2.2-9.

Table 3.4.8.2.2-3 Removal Location

No.	Part name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	E and Q	CHA-1E and CHA-2Q	in Logic Box

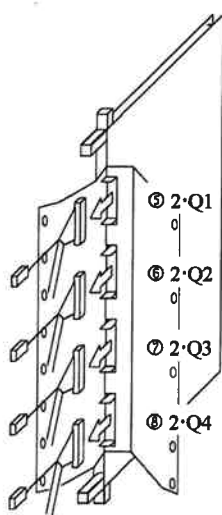
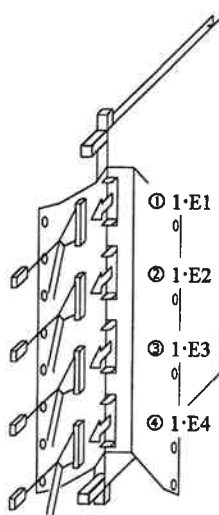
Channel Adapter PCB
(Location CHA-2Q)Channel Adapter PCB
(Location CHA-1E)

Table 3.4.8.2.2-4 CH Cable Connection

No.	CH cable	Sub-edge connector on PCB
1	1•E1/1•F1	1•E1
2	1•E2/1•F2	1•E2
3	1•E3/1•F3	1•E3
4	1•E4/1•F4	1•E4
5	2•Q1/2•R1	2•Q1
6	2•Q2/2•R2	2•Q2
7	2•Q3/2•R3	2•Q3
8	2•Q4/2•R4	2•Q4

Fig. 3.4.8.2.2-9 Disconnection of CH Cables

3. Removal of the PCBs

- a. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.2.2-10.

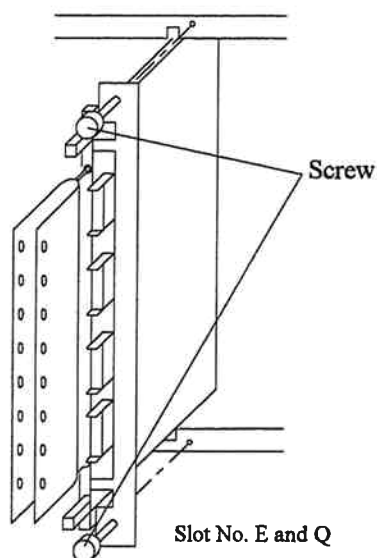
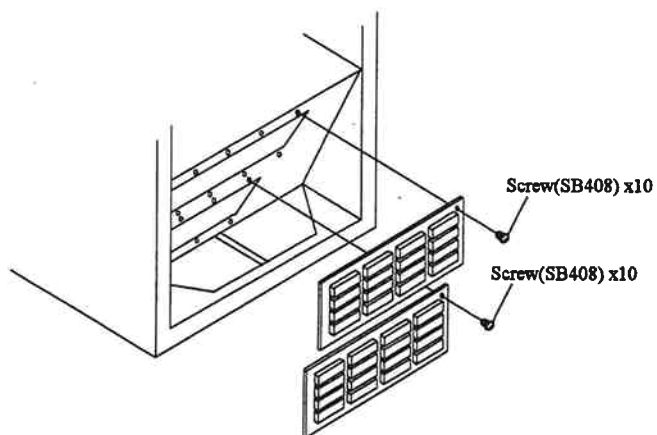


Fig. 3.4.8.2.2-10 Removal of PCB

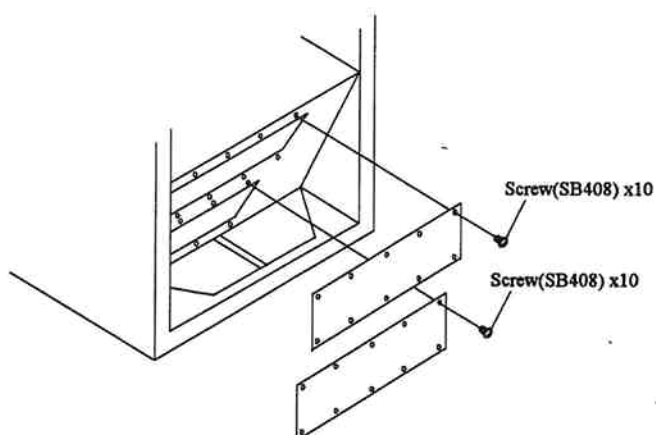
4. Removal of the I/F connector panel

- a. Remove the I/F connector panel referring to Fig. 3.4.8.2.2-11.
- b. Attach the dummy plate referring to Fig. 3.4.8.2.2-12.



Front View of Disk Controller

Fig. 3.4.8.2.2-11 Removal of I/F Connector Panel



Front View of Disk Controller

Fig. 3.4.8.2.2-12 Attachment of Dummy Plate

5. Labeling

- a. Remove the labels "PARALLEL PORT" from ① and ② referring to Fig. 3.4.8.2.2-13.

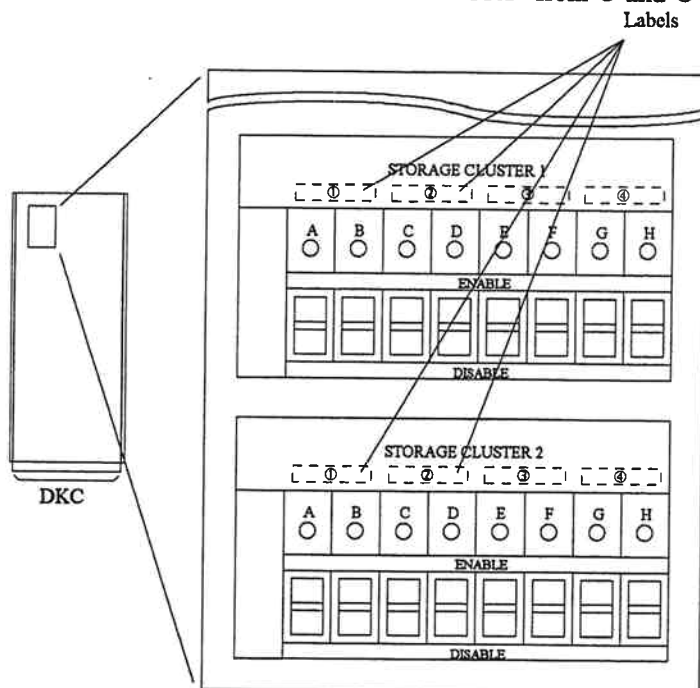
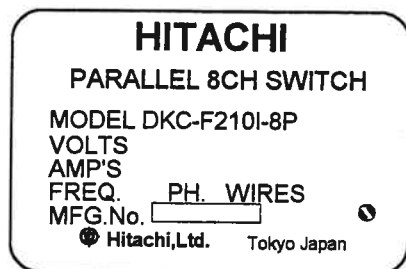


Fig. 3.5.1.2.2-13 Removal of Labels

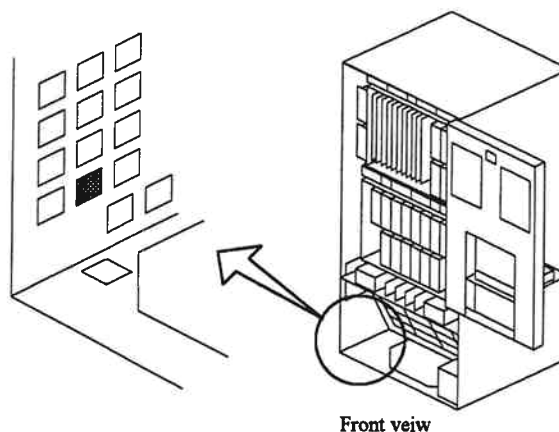
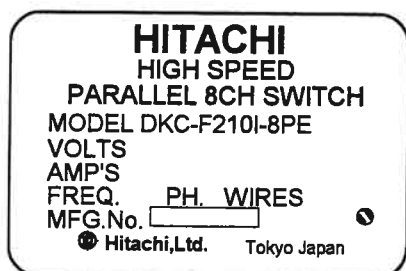
6. Removal of the nameplate

- a. Remove the nameplate referring to Fig. 3.4.8.2.2-14.

• DKC-F210I-8P



• DKC-F210I-8PE



Front veiw

Fig. 3.4.8.2.2-14 Removal of Nameplate

7. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

3.4.8.3 De-Installation of Serial 4 Port Adapter(DKC-F210I-4S/4SE)

3.4.8.3.1 Parts list

Table 3.4.8.3.1-1 Parts List for Serial 4 Port Adapter

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKC-F210I-4S	Channel Adapter PCB	3240246-B	2	
		I/F Connector Panel	3228996-A	2	
		Screw	SB408	20	
		Label	5480349-1	2	Serial
		Screw	SB306	4	
		Bracket	5471998-1	2	
		Holder	2084816-1	4	
		Nameplate	3243053-1	1	
2	DKC-F210I-4SE	Channel Adapter PCB	3244935-B	2	
		I/F Connector Panel	3228996-A	2	
		Screw	SB408	20	
		Label	5480349-1	2	Serial
		Screw	SB306	4	
		Bracket	5471998-1	2	
		Holder	2084816-1	4	
		Nameplate	3244903-1	1	

3.4.8.3.2 De-Installation Procedure of Serial 4 Port Adapter

Additional Location(CH E-H)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)
 - a. Confirm that Shut Down LED lights.(Fig. 3.4.8.3.2-1) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).



CAUTION

A system down may be caused if the Shut Down jumper socket is inserted in a PCB other than that to be removed. Make sure that it is the PCB to be removed.

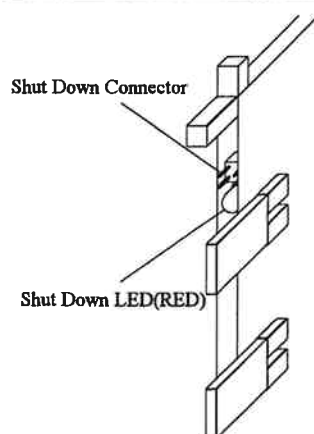


Fig. 3.4.8.3.2-1 Shut Down LED

2. Removal of the PCBs
 - a. Disconnect the optical fiber cables.
 - b. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.3.2-2.

Table 3.4.8.3.2-1 Removal Location

No.	Parts name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	F and R	CHA-1F and CHA-2R	in Logic Box

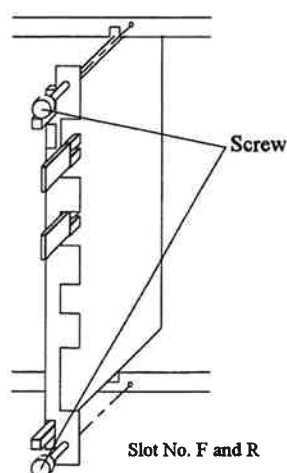
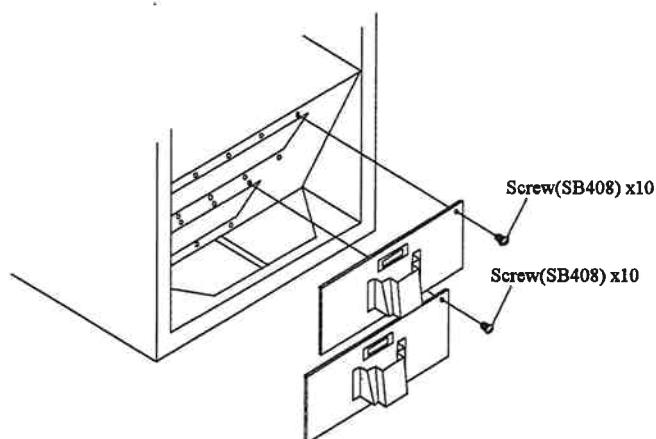


Fig. 3.4.8.3.2-2 Removal of PCB

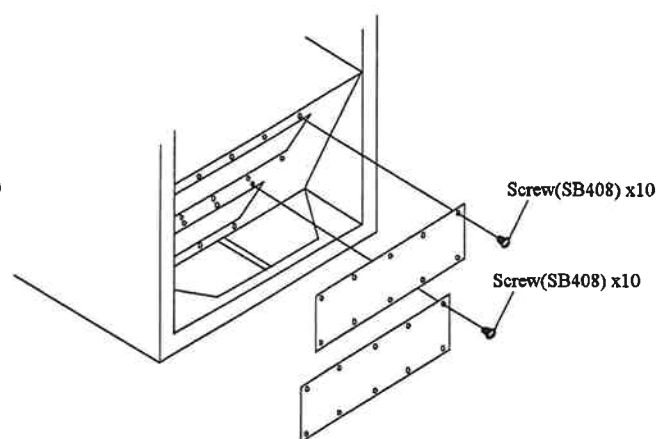
3. Removal of the I/F connector panel

- Remove the I/F connector panel referring to Fig. 3.4.8.3.2-3.
- Attach the dummy plate referring to Fig. 3.4.8.3.2-4.



Rear View of Disk Controller

Fig. 3.4.8.3.2-3 Removal of I/F Connector Panel



Rear View of Disk Controller

Fig. 3.4.8.3.2-4 Attachment of Dummy Plate

4. Labeling

- Remove the labels "SERIAL PORT" from ③ referring to Fig. 3.4.8.3.2-5.

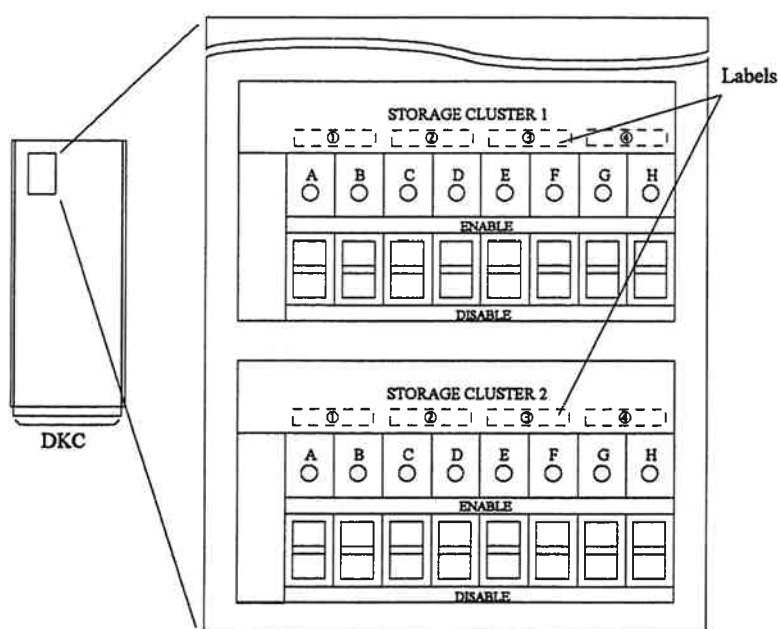
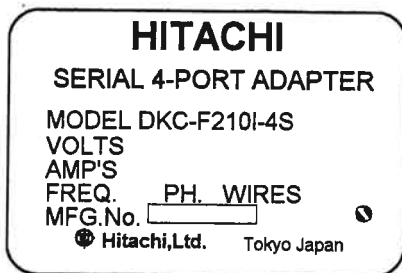


Fig. 3.4.8.3.2-5 Removal of Labels

5. Removal of the nameplate

- a. Remove the nameplate referring to Fig. 3.4.8.3.2-6.

• DKC-F210I-4S



• DKC-F210I-4SE

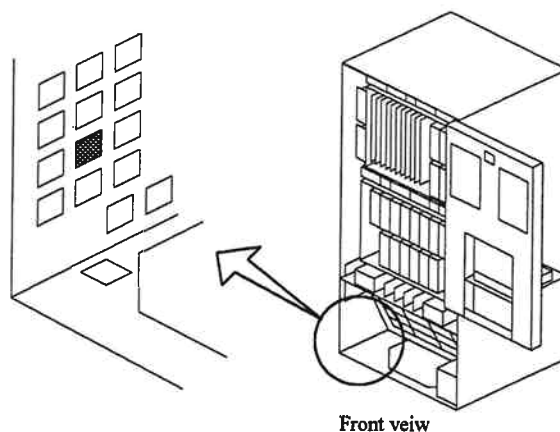
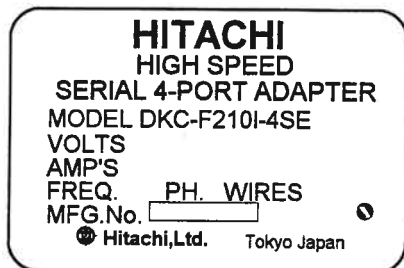


Fig. 3.4.8.3.2-6 Removal of Nameplate

6. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

Basic Location(CH A-D)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)

- a. Confirm that Shut Down LED lights.(Fig. 3.4.8.3.2-7) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).

CAUTION

A system down may be caused if the Shut Down jumper socket is inserted in a PCB other than that to be removed. Make sure that it is the PCB to be removed.

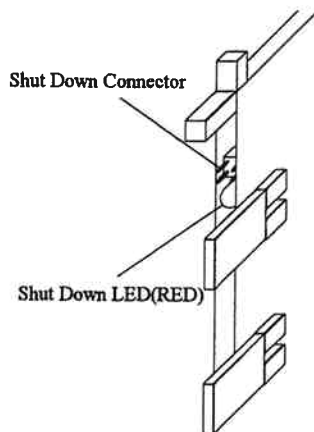


Fig. 3.4.8.3.2-7 Shut Down LED

2. Removal of the PCBs

- a. Disconnect the optical fiber cables.
- b. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.3.2-8.

Table 3.4.8.3.2-2 Removal Location

No.	Parts name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	E and Q	CHA-1E and CHA-2Q	in Logic Box

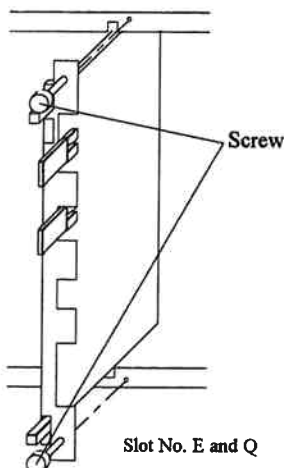
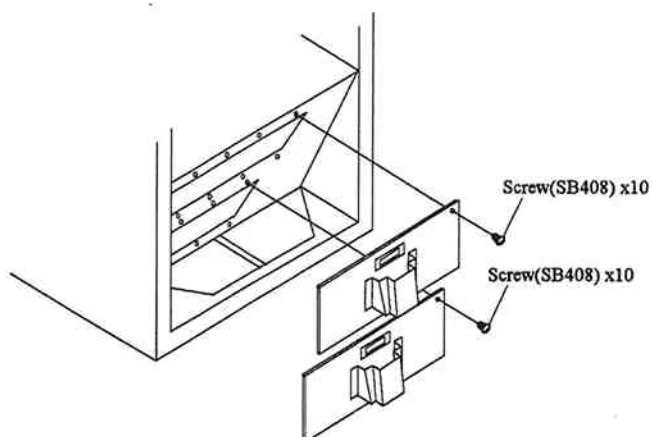


Fig. 3.4.8.3.2-8 Removal of PCB

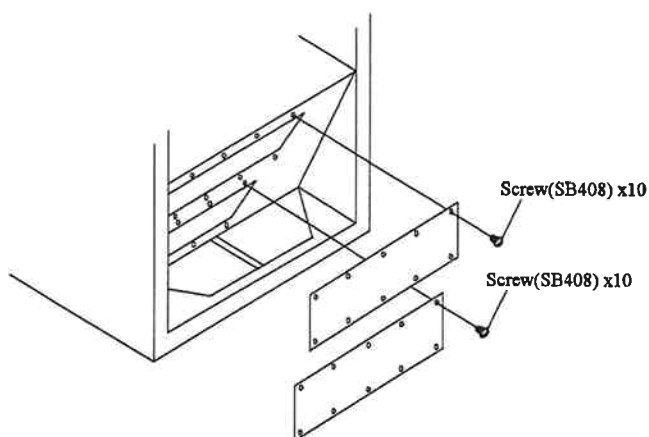
3. Removal of the I/F connector panel

- Remove the I/F connector panel referring to Fig. 3.4.8.3.2-9.
- Attach the dummy plate referring to Fig. 3.4.8.3.2-10.



Front View of Disk Controller

Fig. 3.4.8.3.2-9 Removal of I/F Connector Panel



Front View of Disk Controller

Fig. 3.4.8.3.2-10 Attachment of Dummy Plate

4. Labeling

- Remove the labels "SERIAL PORT" from ① referring to Fig. 3.4.8.3.2-11.

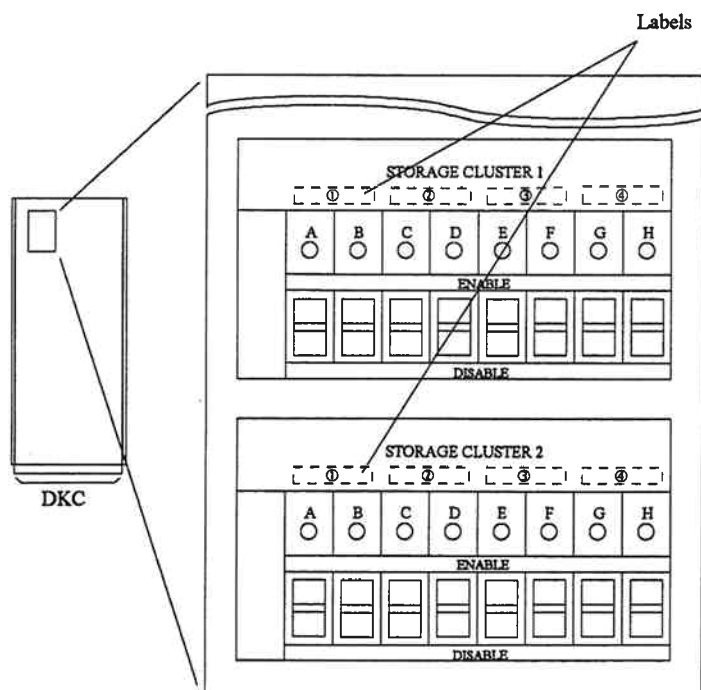
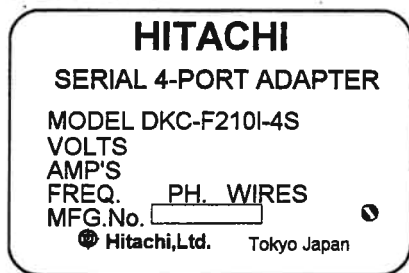


Fig. 3.4.8.3.2-11 Removal of Labels

5. Removal of the nameplate

- a. Remove the nameplate referring to Fig. 3.4.8.3.2-12.

• DKC-F210I-4S



• DKC-F210I-4SE

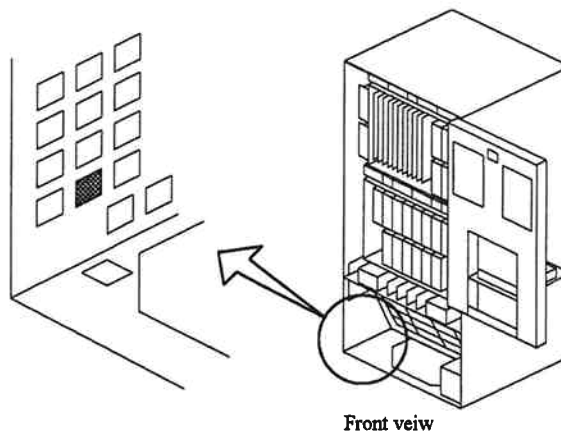
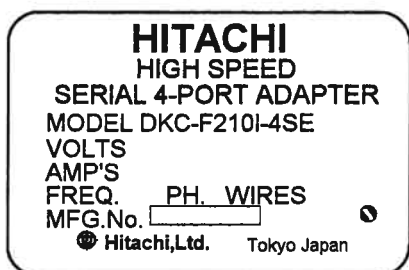


Fig. 3.4.8.3.2-12 Removal of Nameplate

6. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

3.4.8.4 De-Installation of Serial 8 Port Adapter(DKC-F210I-8S/8SE)

3.4.8.4.1 Parts list

Table 3.4.8.4.1-1 Parts List for Serial 8 Port Adapter

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKC-F210I-8S	Channel Adapter PCB	3240246-A	2	
		I/F Connector Panel	3228996-B	2	
		Screw	SB408	20	
		Label	5480349-1	4	Serial
		Screw	SB306	4	
		Bracket	5471998-1	2	
		Holder	2084816-1	8	
		Nameplate	3243054-1	1	
2	DKC-F210I-8SE	Channel Adapter PCB	3244935-A	2	
		I/F Connector Panel	3228996-B	2	
		Screw	SB408	20	
		Label	5480349-1	4	Serial
		Screw	SB306	4	
		Bracket	5471998-1	2	
		Holder	2084816-1	8	
		Nameplate	3244904-1	1	

3.4.8.4.2 De-Installation Procedure of Serial 8 Port Adapter

Additional Location(CH E-H)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)
 - a. Confirm that Shut Down LED lights.(Fig. 3.4.8.4.2-1) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).

! CAUTION

A system down may be caused if the Shut Down jumper socket is inserted in a PCB other than that to be removed. Make sure that it is the PCB to be removed.

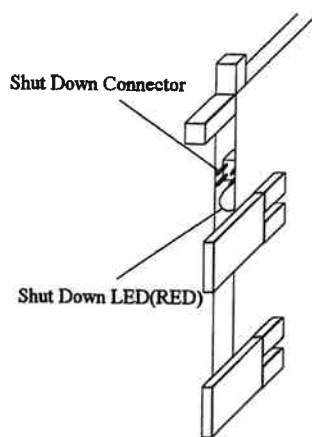


Fig. 3.4.8.4.2-1 Shut Down LED

2. Removal of the PCBs
 - a. Disconnect the optical fiber cables.
 - b. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.4.2-2.

Table 3.4.8.4.2-1 Removal Location

No.	Part name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	F and R	CHA-1F and CHA-2R	in Logic Box

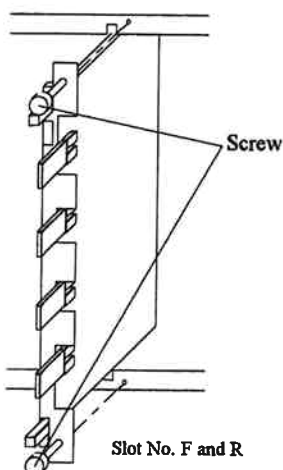
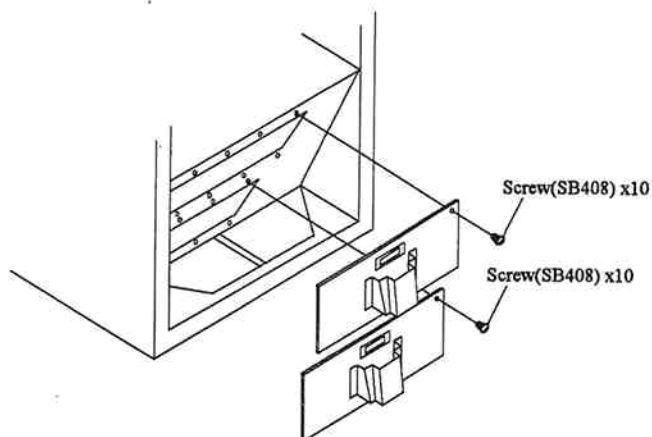


Fig. 3.4.8.4.2-2 Removal of PCB

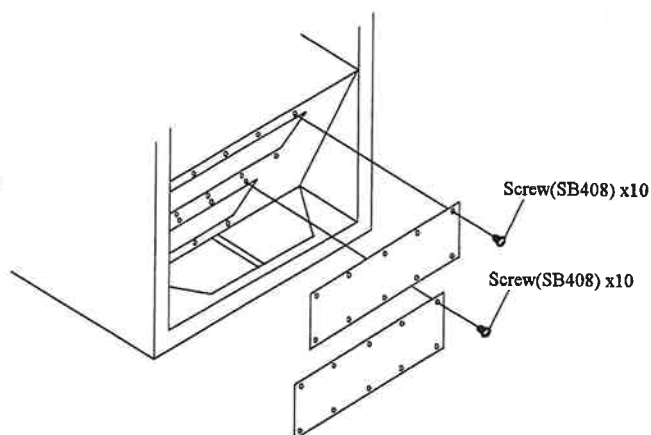
3. Removal of the I/F connector panel

- a. Remove the I/F connector panel referring to Fig. 3.4.8.4.2-3.
- b. Attach the dummy plate referring to Fig. 3.4.8.4.2-4.



Rear View of Disk Controller

Fig. 3.4.8.4.2-3 Removal of I/F Connector Panel



Rear View of Disk Controller

Fig. 3.4.8.3.2-4 Attachment of Dummy Plate

4. Labeling

- a. Remove the labels "SERIAL PORT" from ③ and ④ referring to Fig. 3.4.8.4.2-5.

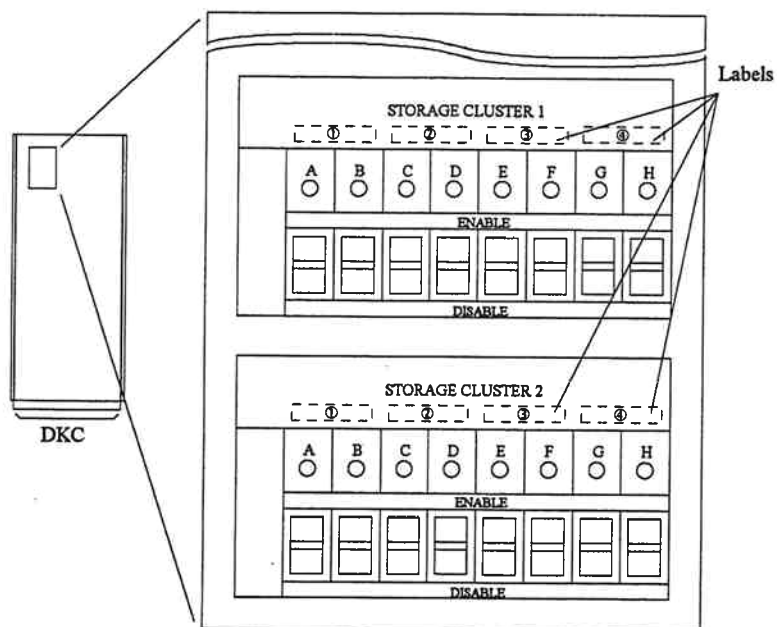
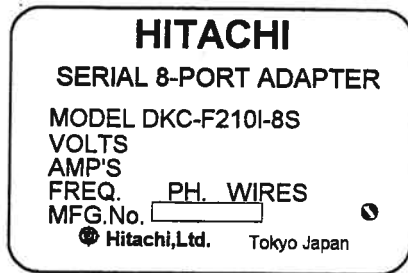


Fig. 3.4.8.4.2-5 Removal of Labels

5. Removal of the nameplate

a. Remove the nameplate referring to Fig. 3.4.8.4.2-6.

• DKC-F210I-8S



• DKC-F210I-8SE

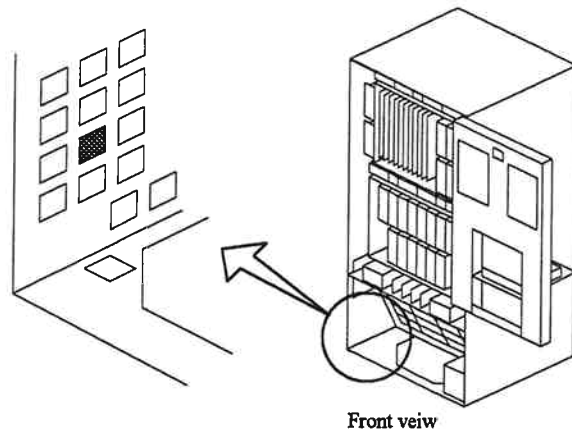
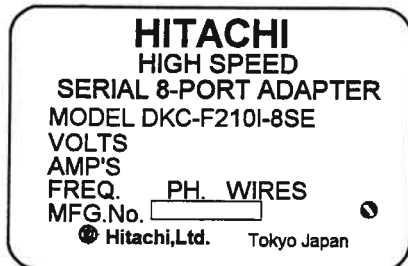


Fig. 3.4.8.4.2-6 Removal of Nameplate

6. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

Basic Location(CH A-D)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)
 - a. Confirm that Shut Down LED lights.(Fig. 3.4.8.4.2-7) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).

! CAUTION

A system down may be caused if the Shut Down jumper socket is inserted in a PCB other than that to be removed. Make sure that it is the PCB to be removed.

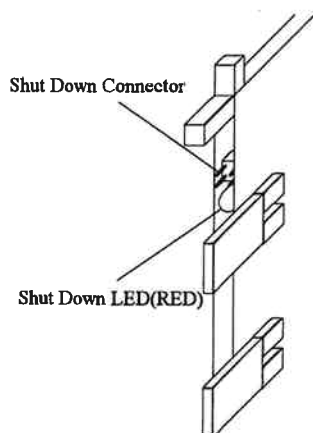


Fig. 3.4.8.4.2-7 Shut Down LED

2. Removal of the PCBs
 - a. Disconnect the optical fiber cables.
 - b. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.4.2-8.

Table 3.4.8.4.2-2 Removal Location

No.	Part name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	E and Q	CHA-1E and CHA-2Q	in Logic Box

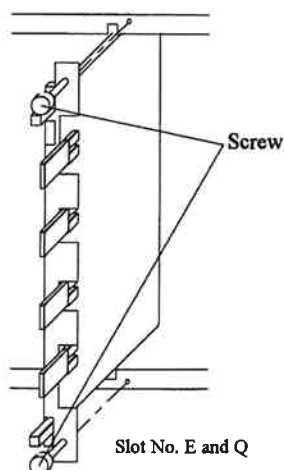
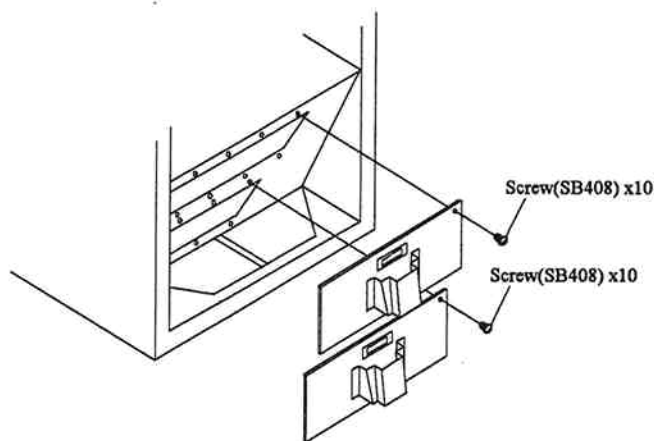


Fig. 3.4.8.4.2-8 Removal of PCB

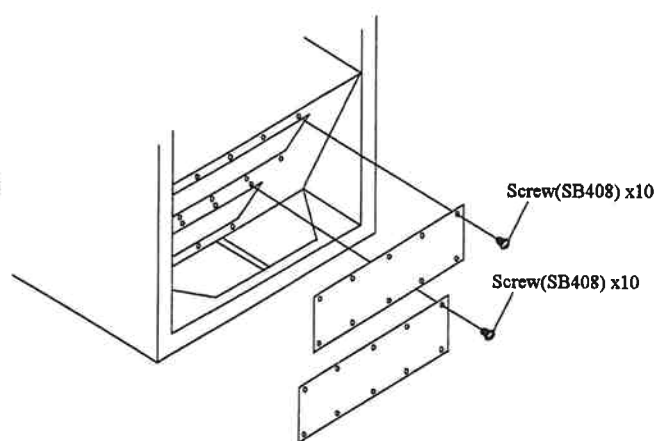
3. Removal of the I/F connector panel

- a. Remove the I/F connector panel referring to Fig. 3.4.8.4.2-9.
- b. Attach the dummy plate referring to Fig. 3.4.8.4.2-10.



Front View of Disk Controller

Fig. 3.4.8.4.2-9 Removal of I/F Connector Panel



Front View of Disk Controller

Fig. 3.4.8.3.2-10 Attachment of Dummy Plate

4. Labeling

- a. Remove the labels "SERIAL PORT" from ① and ② referring to Fig. 3.4.8.4.2-11.

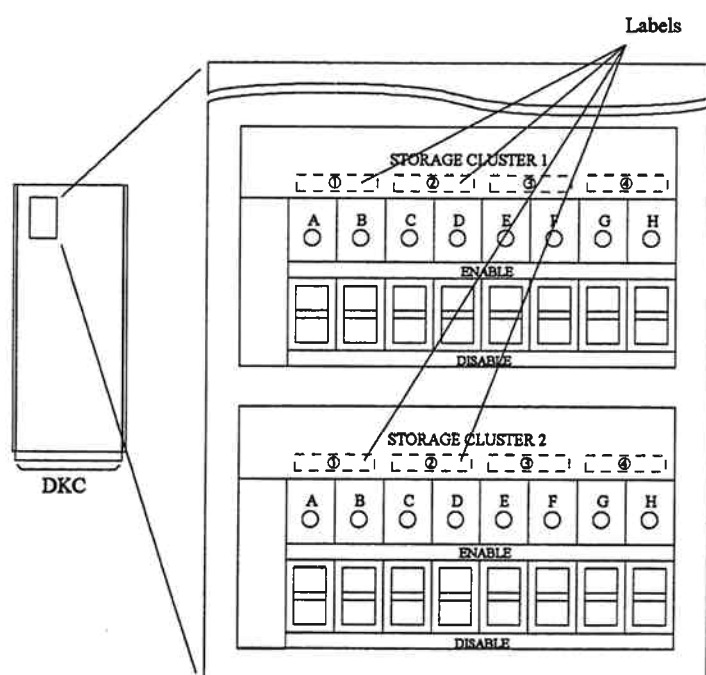


Fig. 3.4.8.4.2-11 Removal of Labels

5. Removal of the nameplate

- a. Remove the nameplate referring to Fig. 3.4.8.4.2-12.

• DKC-F210I-8S



• DKC-F210I-8SE

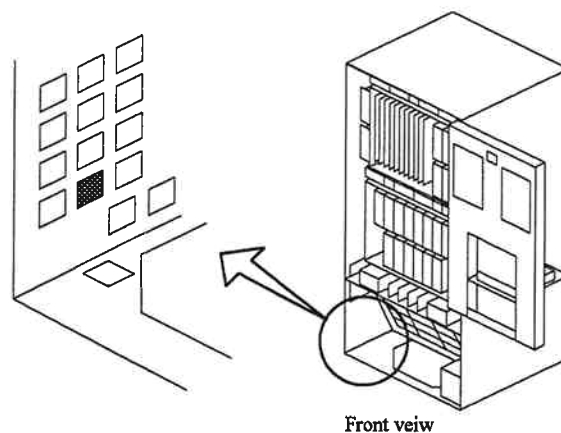


Fig. 3.4.8.4.2-12 Removal of Nameplate

6. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

3.4.8.5 De-Installation of SCSI 8 Port Adapter (DKC-F210I-8C)

3.4.8.5.1 Parts list

Table 3.4.8.5.1-1 Parts List for SCSI 8 Port Adapter

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKC-F210I-8C	Channel Adapter PCB	3247158-A	2	
		I/F Connector Panel	2099374-A	1	Cluster 1 side
		I/F Connector Panel	2099374-B	1	Cluster 2 side
		Screw	SB408	20	
		Clip(1)	5480323-1	2	
		Clip(4)	5480326-1	4	
		Label	5494057-1	2	SCSI
		Nameplate	3247146-1	1	
		Connector(Terminator)	5486080-868	8	

3.4.8.5.2 De-Installation Procedure of SCSI 8 Port Adapter

Additional Location(CH E-H)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)
 - a. Confirm that Shut Down LED lights.(Fig. 3.4.8.5.2-1) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).

! CAUTION

A system down may be caused if the Shut Down jumper socket is inserted in a PCB other than that to be removed. Make sure that it is the PCB to be removed.

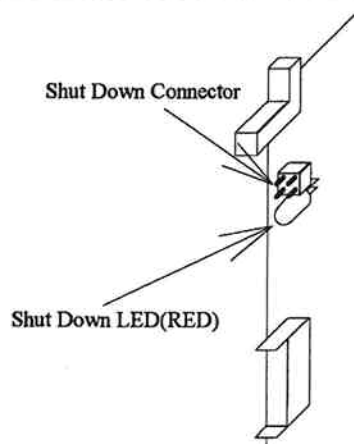


Fig. 3.4.8.5.2-1 Shut Down LED

2. Disconnection of the SCSI cables
 - a. Disconnect the SCSI cables from the sub-edge connectors on the PCB referring to Table 3.4.8.5.2-1, Table 3.4.8.5.2-2, and Fig. 3.4.8.5.2-2.

Table 3.4.8.5.2-1 Removal Location

No.	Part name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	F and R	CHA-1F and CHA-2R	in Logic Box

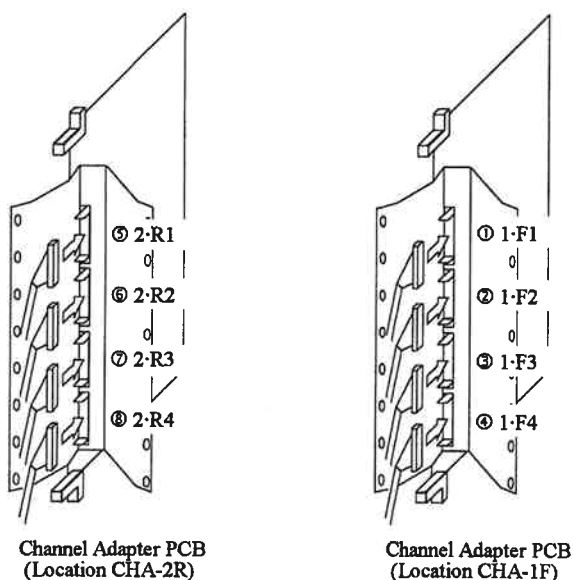


Table 3.4.8.5.2-2 SCSI Cable Connection

No.	SCSI cable	Sub-edge connector on PCB
1	1•E1/1•F1	1•F1
2	1•E2/1•F2	1•F2
3	1•E3/1•F3	1•F3
4	1•E4/1•F4	1•F4
5	2•Q1/2•R1	2•R1
6	2•Q2/2•R2	2•R2
7	2•Q3/2•R3	2•R3
8	2•Q4/2•R4	2•R4

Fig. 3.4.8.5.2-2 Disconnection of SCSI Cables

3. Removal of the PCBs

- a. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.5.2-3.

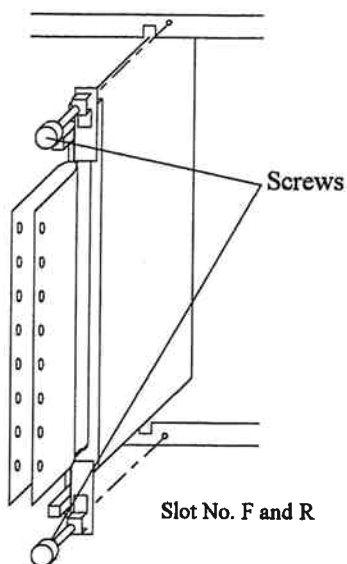
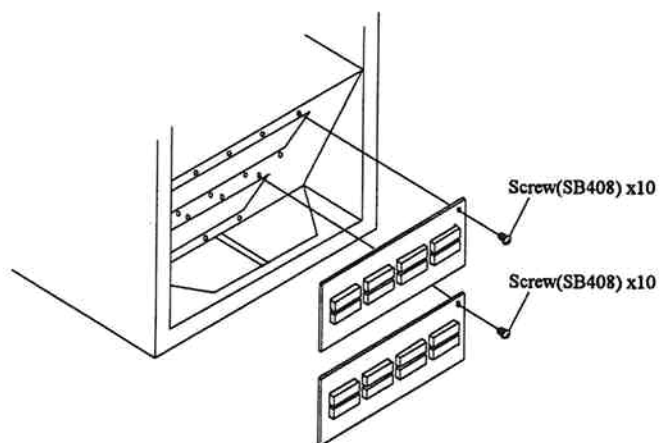


Fig. 3.4.8.5.2-3 Removal of PCB

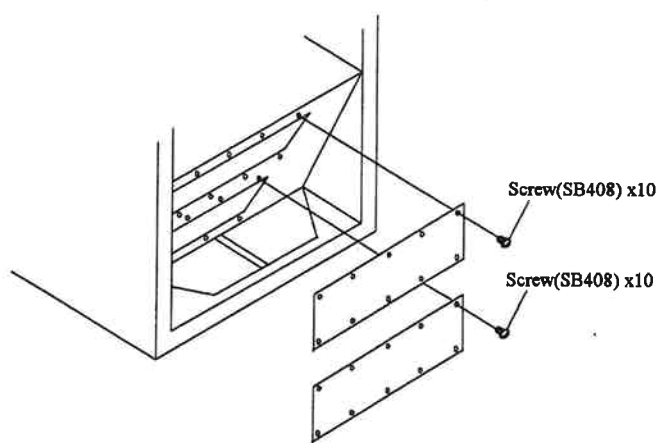
4. Removal of the I/F connector panel

- a. Remove the I/F connector panel referring to Fig. 3.4.8.5.2-4.
- b. Attach the dummy plate referring to Fig. 3.4.8.5.2-5.



Rear View of Disk Controller

Fig. 3.4.8.5.2-4 Removal of I/F Connector Panel



Rear View of Disk Controller

Fig. 3.4.8.5.2-5 Attachment of Dummy Plate

5. Labeling

- a. Remove the labels "SCSI PORT" from ② referring to Fig. 3.4.8.5.2-6.

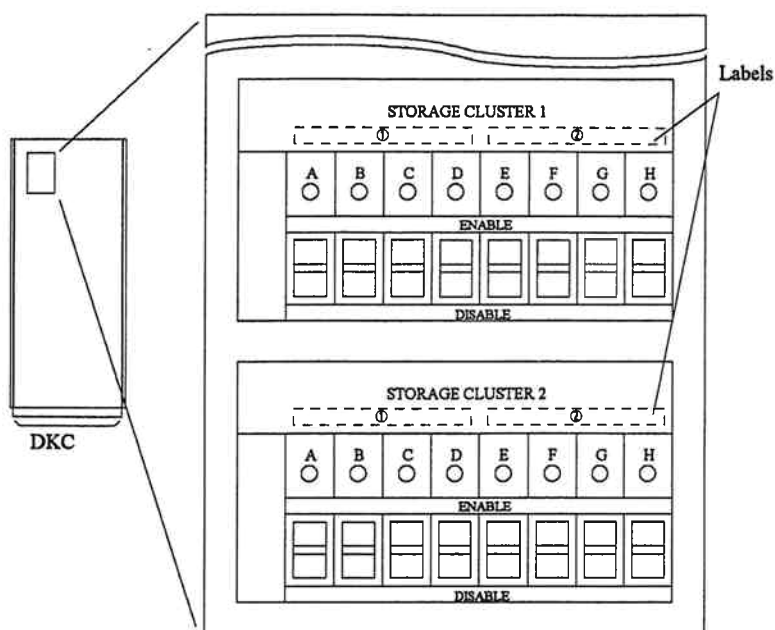


Fig. 3.4.8.5.2-6 Removal of Labels

6. Removal of the nameplate

- a. Remove the nameplate referring to Fig. 3.4.8.5.2-7.

• DKC-F210I-8C

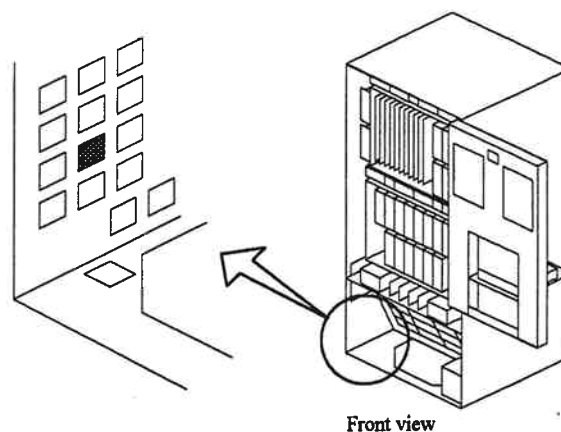
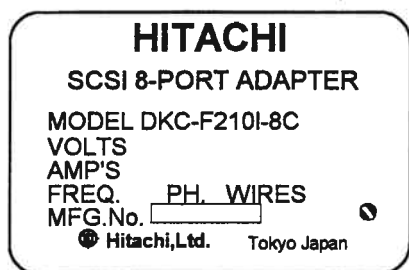


Fig. 3.4.8.5.2-7 Removal of Nameplate

7. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

Basic Location(CH A-D)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)

- Confirm that Shut Down LED lights.(Fig. 3.4.8.5.2-8) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).



CAUTION

A system down may be caused if the Shut Down jumper socket is inserted in a PCB other than that to be removed. Make sure that it is the PCB to be removed.

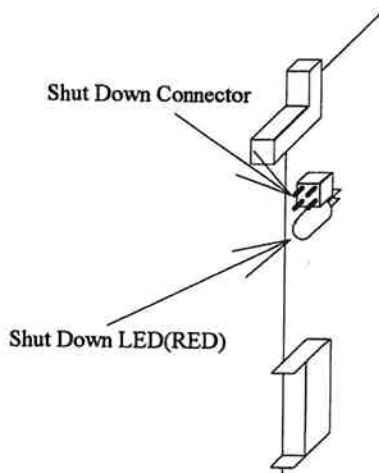


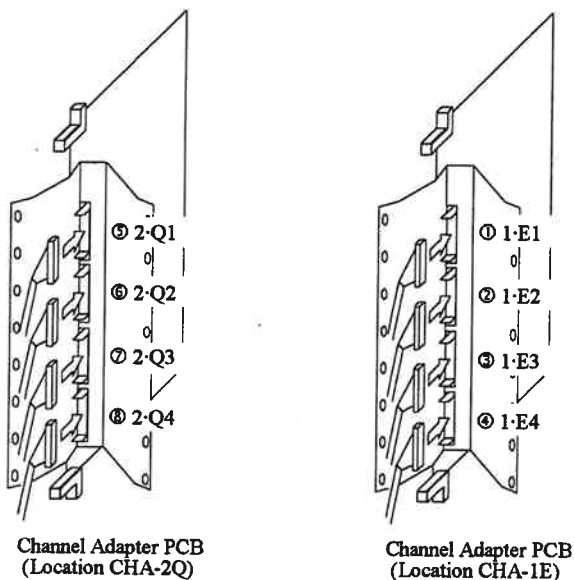
Fig. 3.4.8.5.2-8 Shut Down LED

2. Disconnection of the SCSI cables

- Disconnect the SCSI cables from the sub-edge connectors on the PCB referring to Table 3.4.8.5.2-3, Table 3.4.8.5.2-4, and Fig. 3.4.8.5.2-9.

Table 3.4.8.5.2-3 Removal Location

No.	Part name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	E and Q	CHA-1E and CHA-2Q	in Logic Box



Channel Adapter PCB
(Location CHA-2Q)

Channel Adapter PCB
(Location CHA-1E)

Fig. 3.4.8.5.2-9 Disconnection of SCSI Cables

Table 3.4.8.5.2-4 SCSI Cable Connection

No.	SCSI cable	Sub-edge connector on PCB
1	1•E1/1•F1	1•E1
2	1•E2/1•F2	1•E2
3	1•E3/1•F3	1•E3
4	1•E4/1•F4	1•E4
5	2•Q1/2•R1	2•Q1
6	2•Q2/2•R2	2•Q2
7	2•Q3/2•R3	2•Q3
8	2•Q4/2•R4	2•Q4

3. Removal of the PCBs

- a. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.5.2-10.

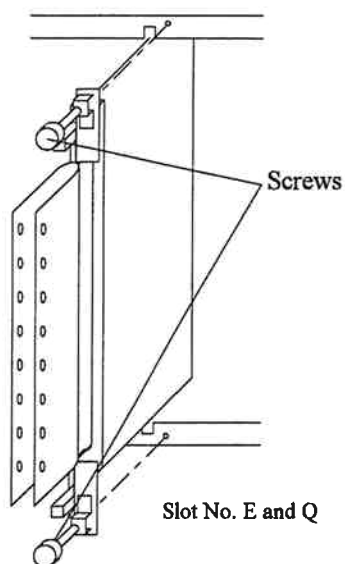
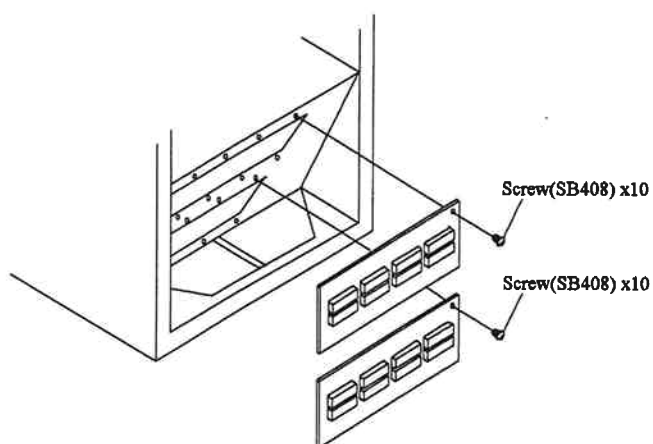


Fig. 3.4.8.5.2-10 Removal of PCB

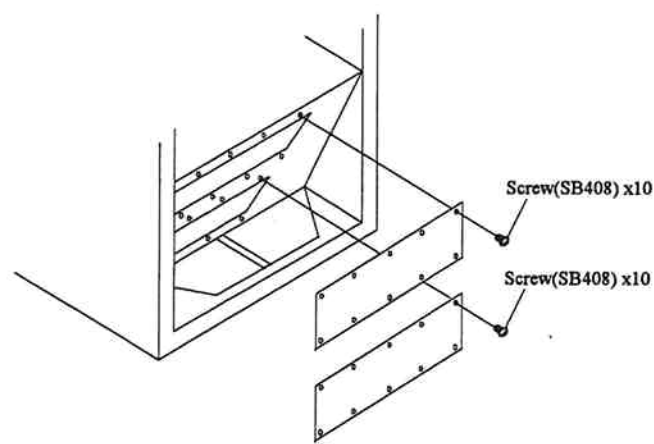
4. Removal of the I/F connector panel

- a. Remove the I/F connector panel referring to Fig. 3.4.8.5.2-11.
- b. Attach the dummy plate referring to Fig. 3.4.8.5.2-12.



Front View of Disk Controller

Fig. 3.4.8.5.2-11 Removal of I/F Connector Panel



Front View of Disk Controller

Fig. 3.4.8.5.2-12 Attachment of Dummy Plate

5. Labeling

- a. Remove the labels "SCSI PORT" from ① referring to Fig. 3.4.8.5.2-13.

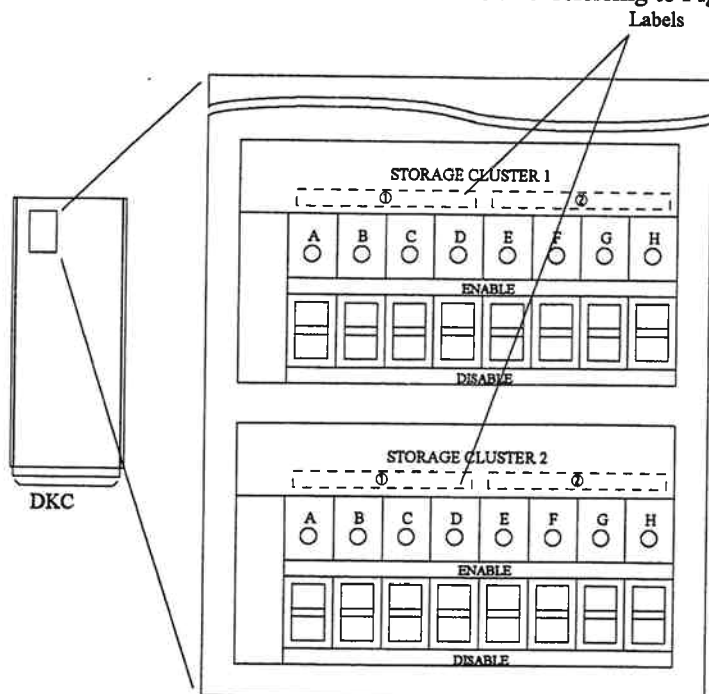


Fig. 3.4.8.5.2-13 Removal of Labels

6. Removal of the nameplate

- a. Remove the nameplate referring to Fig. 3.4.8.5.2-14.

• DKC-F210I-8C

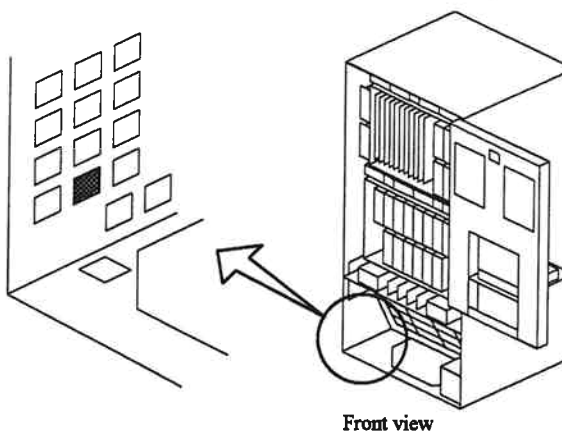


Fig. 3.4.8.5.2-14 Removal of Nameplate

7. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

3.4.8.6 De-Installation of SCSI 8 Port Adapter (Dual Processor) (DKC-F210I-8CD)

3.4.8.6.1 Parts list

Table 3.4.8.6.1-1 Parts List for SCSI 8 Port Adapter

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKC-F210I-8CD	Channel Adapter PCB	3245151-A	2	
		I/F Connector Panel	2099374-A	1	Cluster 1 side
		I/F Connector Panel	2099374-B	1	Cluster 2 side
		Screw	SB408	20	
		Clip(1)	5480323-1	2	
		Clip(4)	5480326-1	4	
		Label	5494057-1	2	SCSI
		Nameplate	3250709-1	1	
		Connector(Terminator)	5486080-868	8	

3.4.8.6.2 De-Installation Procedure of SCSI 8 Port Adapter (Dual Processor)

Additional Location(CH E-H)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)
 - a. Confirm that Shut Down LED lights.(Fig. 3.4.8.6.2-1) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).

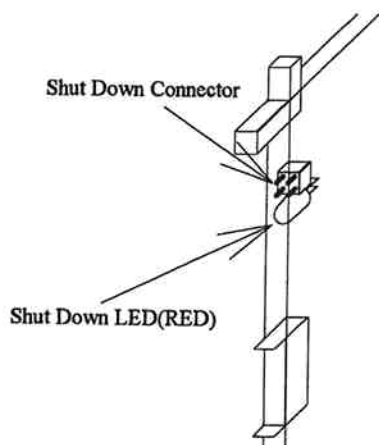
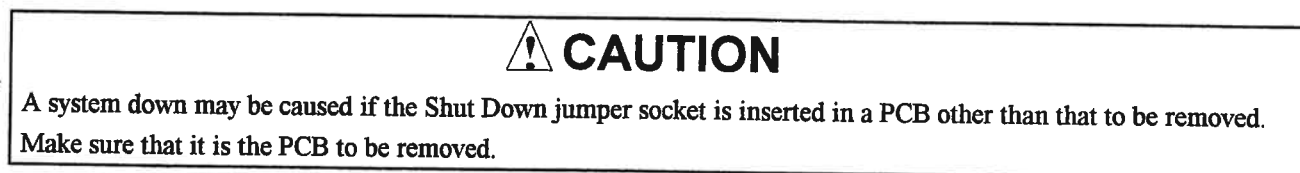


Fig. 3.4.8.6.2-1 Shut Down LED

2. Disconnection of the SCSI cables
 - a. Disconnect the SCSI cables from the sub-edge connectors on the PCB referring to Table 3.4.8.6.2-1, Table 3.4.8.6.2-2, and Fig. 3.4.8.6.2-2.

Table 3.4.8.6.2-1 Removal Location

No.	Part name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	F and R	CHA-1F and CHA-2R	in Logic Box

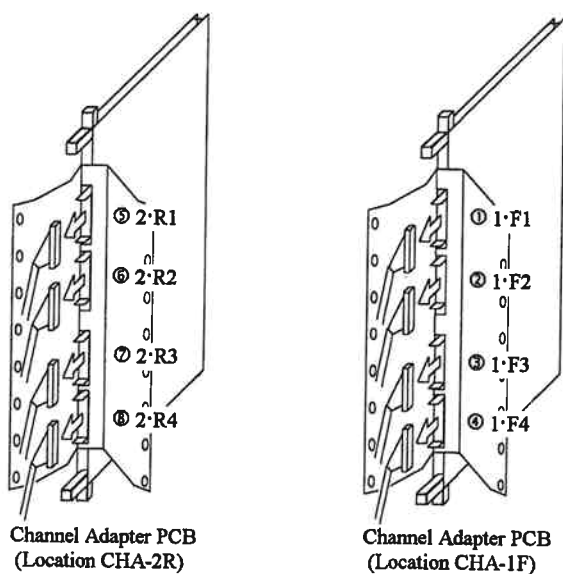


Table 3.4.8.6.2-2 SCSI Cable Connection

No.	SCSI cable	Sub-edge connector on PCB
1	1•E1/1•F1	1•F1
2	1•E2/1•F2	1•F2
3	1•E3/1•F3	1•F3
4	1•E4/1•F4	1•F4
5	2•Q1/2•R1	2•R1
6	2•Q2/2•R2	2•R2
7	2•Q3/2•R3	2•R3
8	2•Q4/2•R4	2•R4

Fig. 3.4.8.6.2-2 Disconnection of SCSI Cables

3. Removal of the PCBs

- a. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.6.2-3.

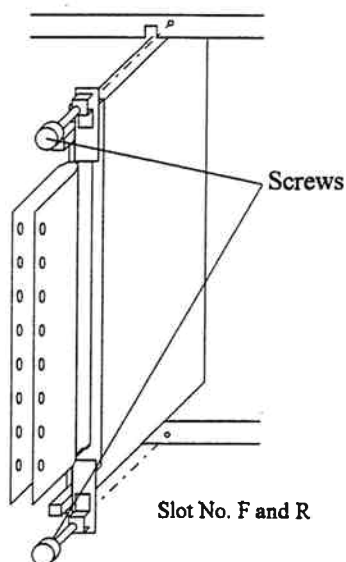
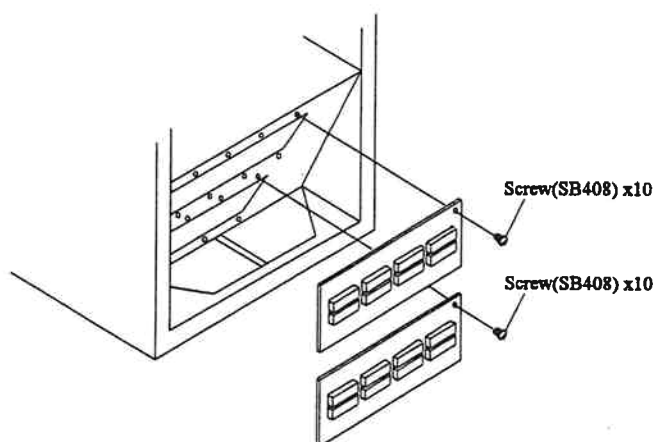


Fig. 3.4.8.6.2-3 Removal of PCB

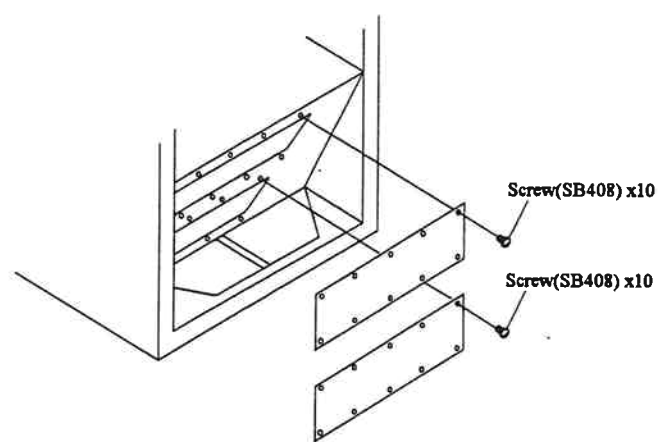
4. Removal of the I/F connector panel

- a. Remove the I/F connector panel referring to Fig. 3.4.8.6.2-4.
- b. Attach the dummy plate referring to Fig. 3.4.8.6.2-5.



Rear View of Disk Controller

Fig. 3.4.8.6.2-4 Removal of I/F Connector Panel



Rear View of Disk Controller

Fig. 3.4.8.6.2-5 Attachment of Dummy Plate

5. Labeling

- a. Remove the labels "SCSI PORT" from ② referring to Fig. 3.4.8.6.2-6.

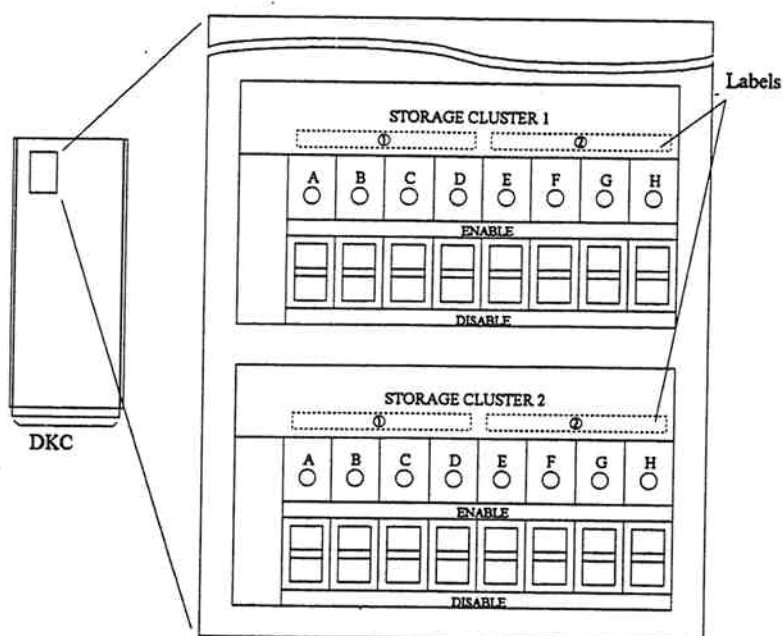
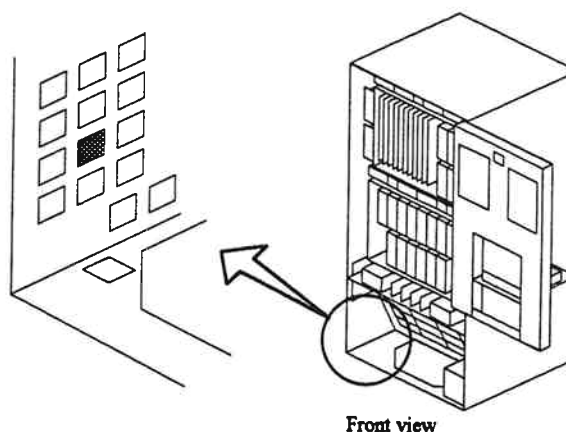


Fig. 3.4.8.6.2-6 Removal of Labels

6. Removal of the nameplate

- a. Remove the nameplate referring to Fig. 3.4.8.6.2-7.

• DKC-F210I-8CD



Front view

Fig. 3.4.8.6.2-7 Removal of Nameplate

7. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

Basic Location(CH A-D)

Be sure to wear your wrist strap and attach to ground prior to performing the following work. This will insure that the IC and LSI on the PCB are protected from static electricity.

1. Confirmation of the Shut Down LED(Only Non-Disruptive Procedure)

- a. Confirm that Shut Down LED lights.(Fig. 3.4.8.6.2-8) If the LED does not light, see Connection of Shut Down Jumper(INST03-2600).

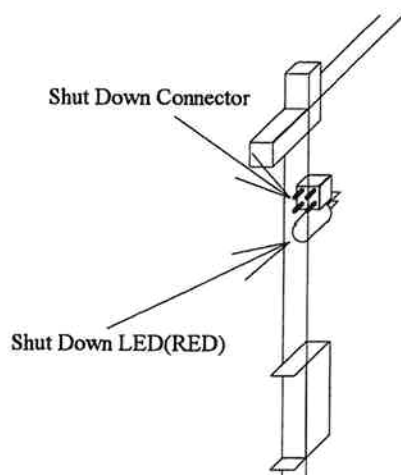
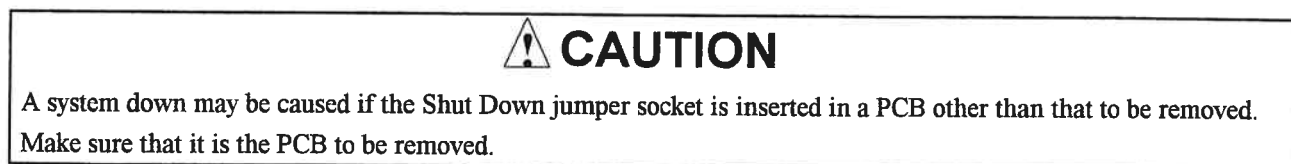


Fig. 3.4.8.6.2-8 Shut Down LED

2. Disconnection of the SCSI cables

- a. Disconnect the SCSI cables from the sub-edge connectors on the PCB referring to Table 3.4.8.6.2-3, Table 3.4.8.6.2-4, and Fig. 3.4.8.6.2-9.

Table 3.4.8.6.2-3 Removal Location

No.	Part name	Slot No.	Location No.	Remarks
1	Channel Adapter PCB	E and Q	CHA-1E and CHA-2Q	in Logic Box

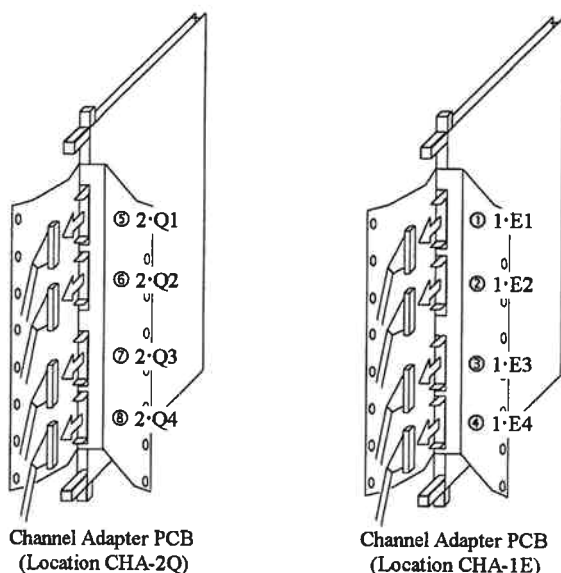


Fig. 3.4.8.6.2-9 Disconnection of SCSI Cables

Table 3.4.8.6.2-4 SCSI Cable Connection

No.	SCSI cable	Sub-edge connector on PCB
1	1•E1/1•F1	1•E1
2	1•E2/1•F2	1•E2
3	1•E3/1•F3	1•E3
4	1•E4/1•F4	1•E4
5	2•Q1/2•R1	2•Q1
6	2•Q2/2•R2	2•Q2
7	2•Q3/2•R3	2•Q3
8	2•Q4/2•R4	2•Q4

3. Removal of the PCBs

- a. Remove the two screws and remove the PCBs from the correct locations in the Logic Box referring to Fig. 3.4.8.6.2-10.

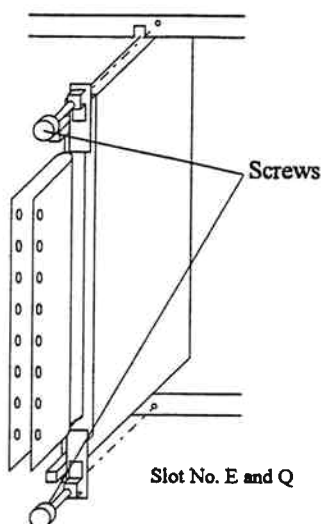
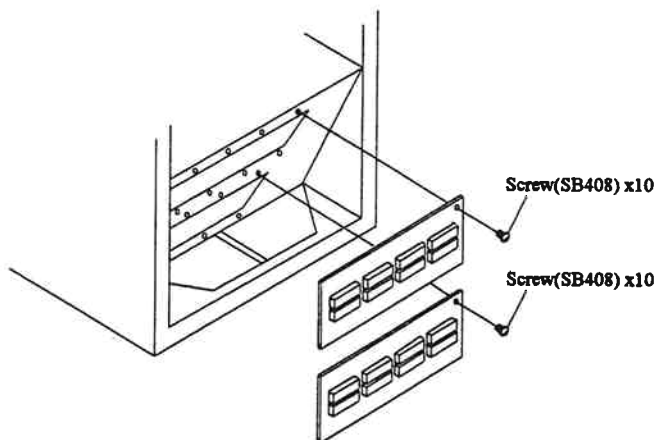


Fig. 3.4.8.6.2-10 Removal of PCB

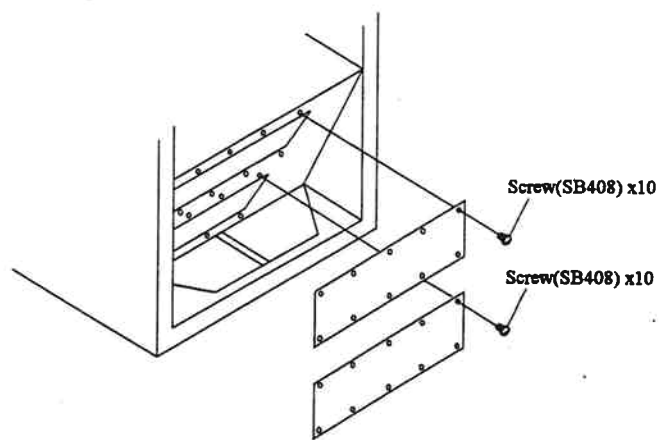
4. Removal of the I/F connector panel

- a. Remove the I/F connector panel referring to Fig. 3.4.8.6.2-11.
- b. Attach the dummy plate referring to Fig. 3.4.8.6.2-12.



Front View of Disk Controller

Fig. 3.4.8.6.2-11 Removal of I/F Connector Panel



Front View of Disk Controller

Fig. 3.4.8.6.2-12 Attachment of Dummy Plate

5. Labeling

- a. Remove the labels "SCSI PORT" from ① referring to Fig. 3.4.8.6.2-13.

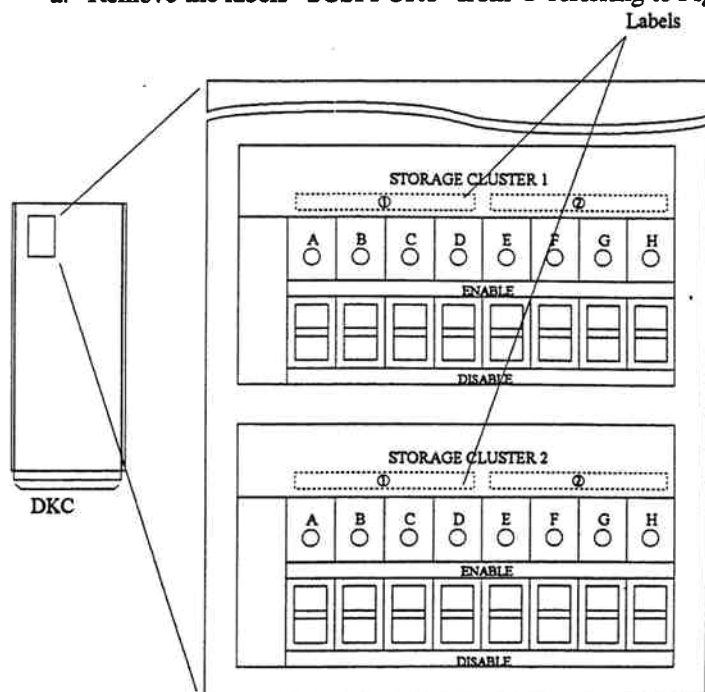


Fig. 3.4.8.6.2-13 Removal of Labels

6. Removal of the nameplate

- a. Remove the nameplate referring to Fig. 3.4.8.6.2-14.

• DKC-F210I-8CD

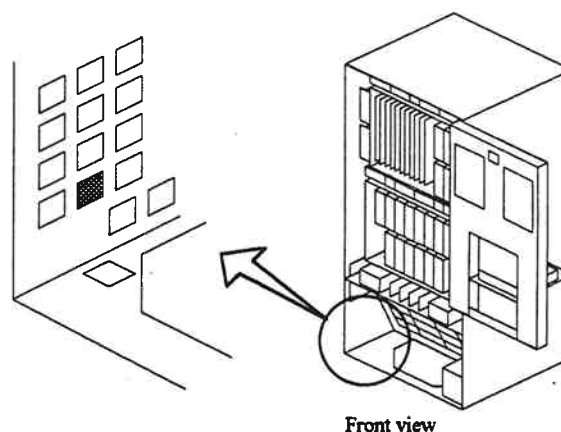


Fig. 3.4.8.6.2-14 Removal of Nameplate

7. Return to General Flow.

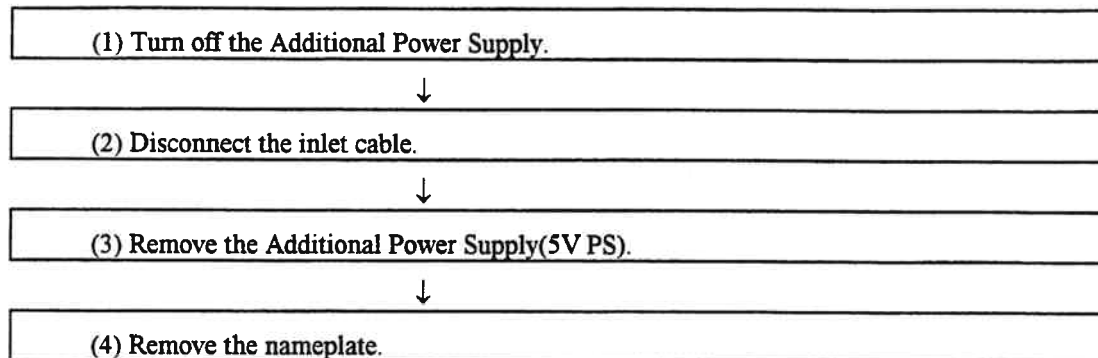
Non-disruptive De-Installation: Go to INST02-32 Step (8)-5.

Disruptive De-Installation: Go to INST02-51 Step (14).

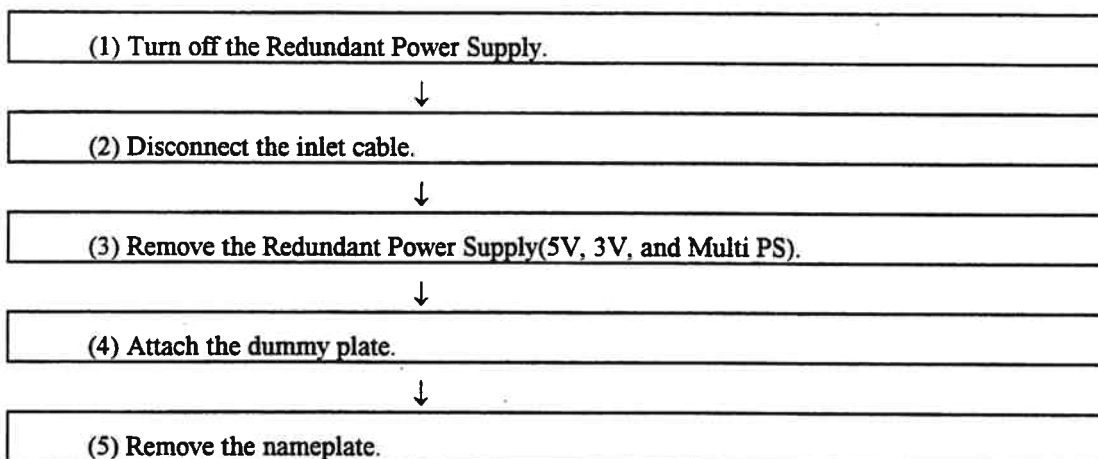
3.4.9 De-Installation of Redundant Power Supply

3.4.9.1 Flowchart

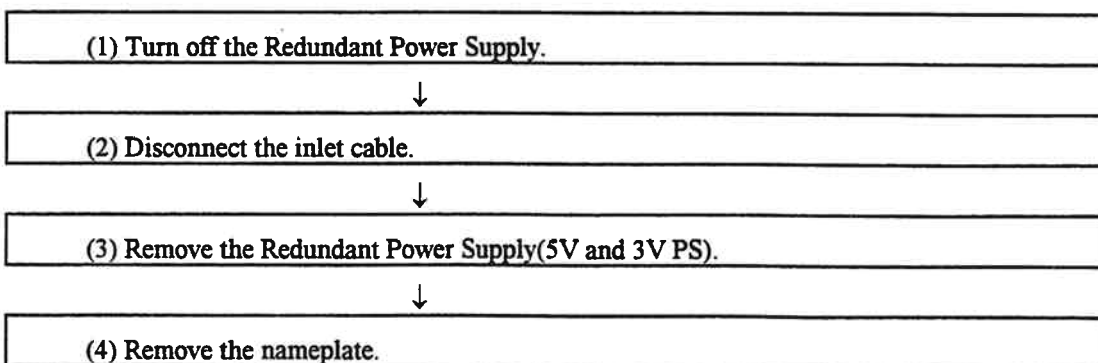
3.4.9.1.1 De-Installation of DKC Additional Power Supply(DKC-F210I-70).....[INST04-1400]



3.4.9.1.2 De-Installation of CL Redundant Power Supply(DKC-F210I-71).....[INST04-1430]



3.4.9.1.3 De-Installation of Cache Redundant Power Supply(DKC-F210I-72)....[INST04-1460]



3.4.9.2 De-Installation of DKC Additional Power Supply(DKC-F210I-70)

3.4.9.2.1 Parts List

Table 3.4.9.2.1-1 Parts List for DKC Additional Power Supply

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKC-F210I-70	5V Power Supply	5479609-A/5479654-A	2	
		Nameplate	3243351-1	1	

3.4.9.2.2 De-Installation Procedure of DKC Additional Power Supply

1. Turn off the Additional Power Supply

- a. Turn the PS Enable/Disable Switch to (DOWN) **Disable**. Refer to Table 3.4.9.2.2-1, Fig. 3.4.9.2.2-1, and Fig. 3.4.9.2.2-2.

! CAUTION

A system down may be caused by setting the PS Enable/Disable switch of the switching power supply other than that to be removed to "Disable". Make sure that it is a switching power supply to be removed.

Table 3.4.9.2.2-1 Removal Location

No.	Part Name	Part No.	PS Location		Remarks
			Cluster 1	Cluster 2	
1	5V Power Supply	5479609-A/5479654-A	5VPS11	5VPS21	

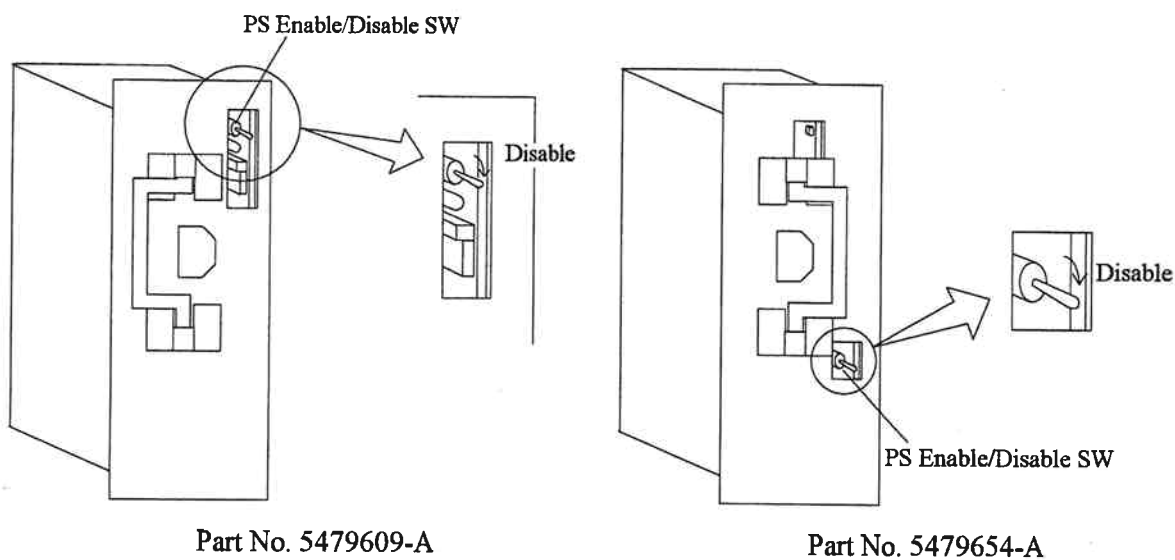


Fig. 3.4.9.2.2-1 Switch

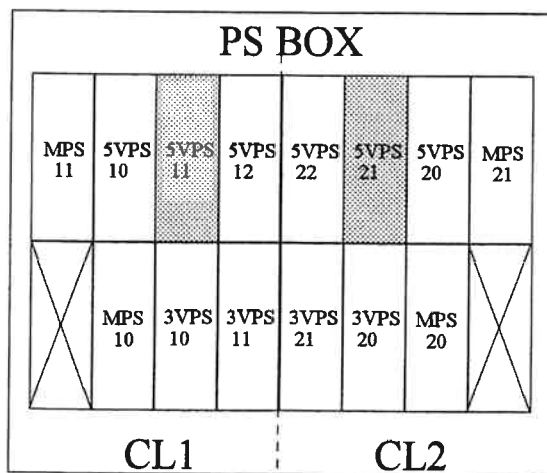


Fig. 3.4.9.2.2-2 Removal Location

2. Disconnection of the inlet cable

- a. Disconnect the inlet cables. Refer to Fig. 3.4.9.2.2-3.

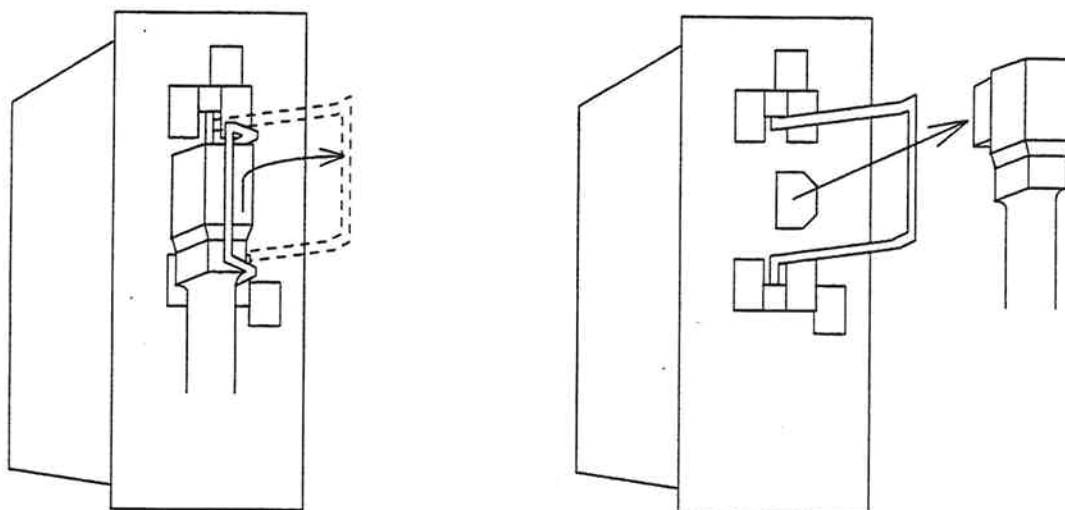


Fig. 3.4.9.2.2-3 Disconnection of Inlet Cable

3. Removal of the Additional Power Supply

- a. Loosen the two screws① and remove the support. Refer to Fig. 3.4.9.2.2-4.
- b. Loosen the screws② and remove the Additional Power Supplies. Refer to Fig. 3.4.9.2.2-4.
- c. Attach the dummy plates(Flat type) to the removal locations and fasten the screws②. Refer to Fig. 3.4.9.2.2-5.
- d. Attach the support and fasten the screws①. Refer to Fig. 3.4.9.2.2-5.
- e. Insert the removed inlet cables into respective dummy plates and secure them using cable clamps.

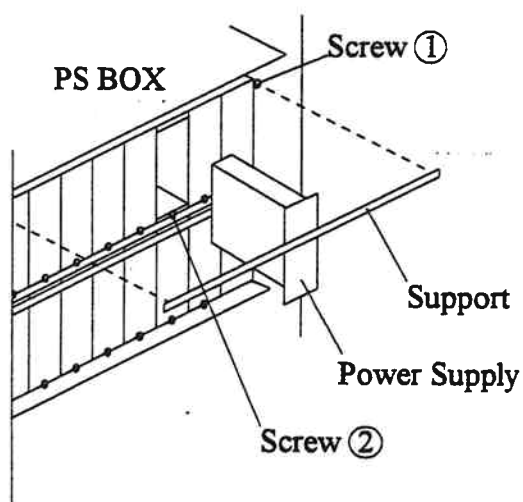


Fig. 3.4.9.2.2-4 Removal of Power Supply

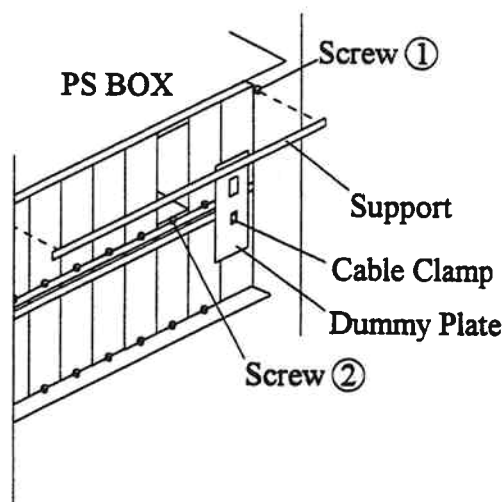


Fig. 3.4.9.2.2-5 Attachment of Dummy Plate.

4. Removal of the nameplate

- a. Remove the nameplate of DKC-F210I-70 referring to Fig. 3.4.9.2.2-6.

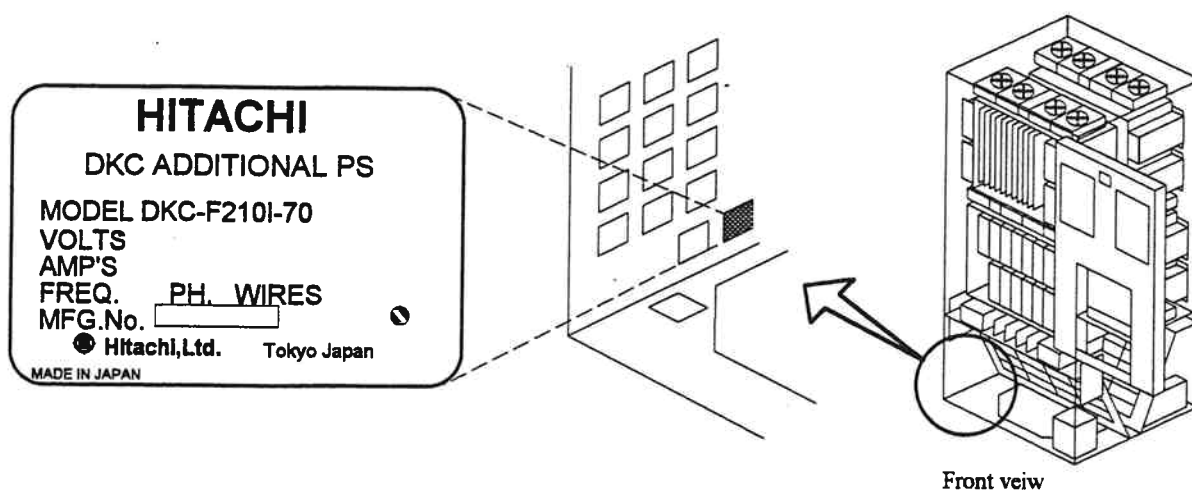


Fig. 3.4.9.2.2-6 Removal of Nameplate

5. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (9)-4. But if any other optional power supply must be removed, perform the proper hardware procedure.

DKC-F210I-71INST04-1430 through 1450

DKC-F210I-72INST04-1460 through 1480

Disruptive De-Installation: Go to INST02-51A Step (15). But if any other optional power supply must be removed, perform the proper hardware procedure.

DKC-F210I-71INST04-1430 through 1450

DKC-F210I-72INST04-1460 through 1480

3.4.9.3 De-Installation of CL Redundant Power Supply(DKC-F210I-71)

3.4.9.3.1 Parts List

Table 3.4.9.3.1-1 Parts List for CL Redundant Power Supply

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKC-F210I-71	5V Power Supply	5479609-D/5479654-D	2	
		3V Power Supply	5479609-B/5479654-B	2	
		Multi Power Supply	5479609-C/5479654-C /ED5479653-1	2	
		Nameplate	3243352-1	1	

3.4.9.3.2 De-Installation Procedure of CL Redundant Power Supply

1. Turn off the Redundant Power Supply

- a. Turn the PS Enable/Disable Switch to (DOWN) **Disable**. Refer to Table 3.4.9.3.2-1, Fig. 3.4.9.3.2-1, and Fig. 3.4.9.3.2-2.

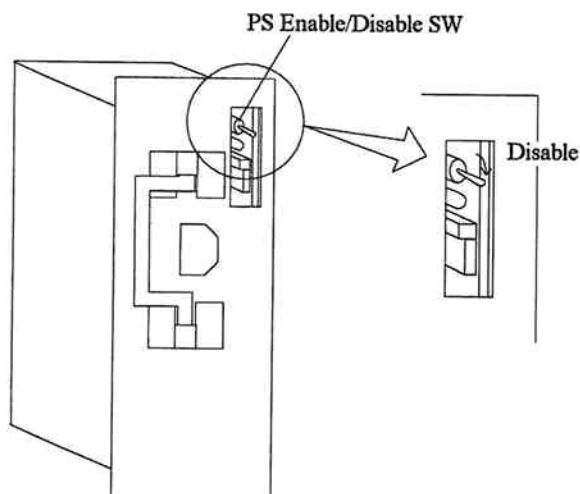


CAUTION

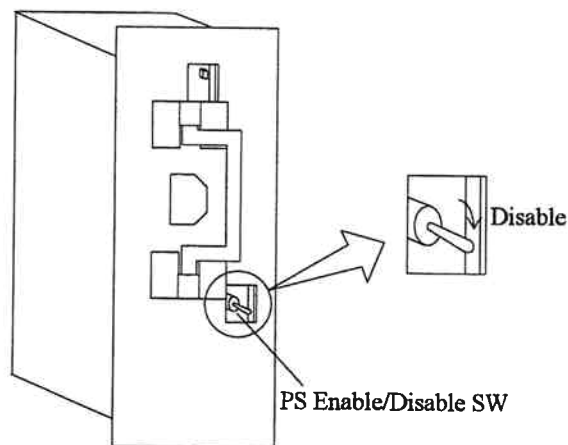
A system down may be caused by setting the PS Enable/Disable switch of the switching power supply other than that to be removed to "Disable". Make sure that it is a switching power supply to be removed.

Table 3.4.9.3.2-1 Removal Location

No.	Part Name	Part No.	PS Location		Remarks
			Cluster 1	Cluster 2	
1	5V Power Supply	5479609-D/5479654-D	5VPS12	5VPS22	
2	3V Power Supply	5479609-B/5479654-B	3VPS11	3VPS21	
3	Multi Power Supply	5479609-C/5479654-C /ED5479653-1	MPS11	MPS21	



Part No. 5479609-B, -C, -D,
ED5479653-1



Part No. 5479654-B, -C, -D

Fig. 3.4.9.3.2-1 Switch

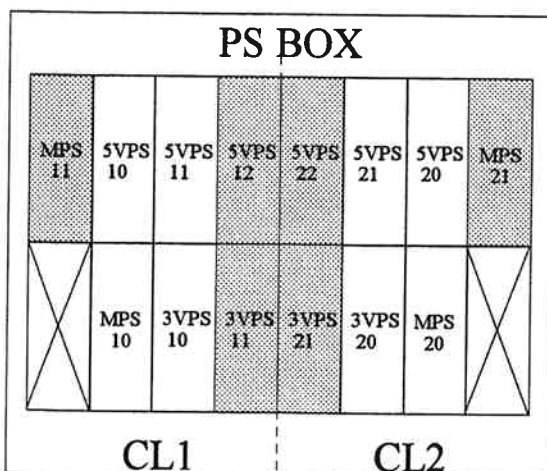


Fig. 3.4.9.3.2-2 Removal Location

2. Disconnection of the inlet cable

- a. Disconnect the inlet cables. Refer to Fig. 3.4.9.3.2-3.

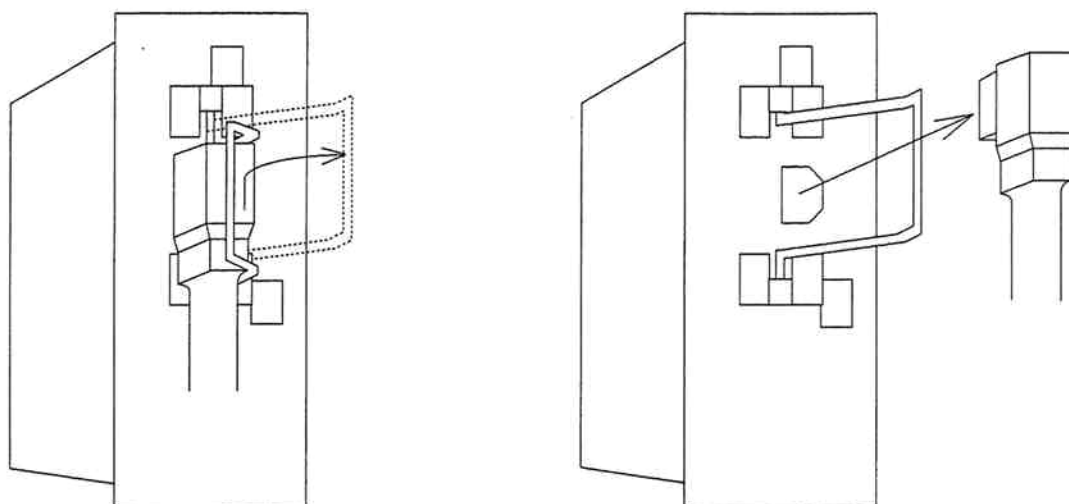
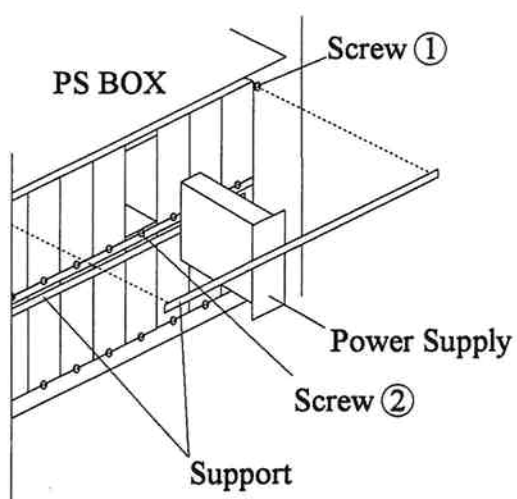


Fig. 3.4.9.3.2-3 Disconnection of Inlet Cable

3. Removal of the Redundant Power Supply

- a. Loosen the four screws① and remove the two supports. Refer to Fig. 3.4.9.3.2-4
b. Loosen the screws② and remove the Redundant Power Supplies. Refer to Fig. 3.4.9.3.2-4.



PS BOX							
MPS 11	5VPS 10	5VPS 11	5VPS 12	5VPS 22	5VPS 21	5VPS 20	MPS 21
X	MPS 10	3VPS 10	3VPS 11	3VPS 21	3VPS 20	MPS 20	X
CL1				CL2			

Fig. 3.4.9.3.2-4 Removal of Power Supply

4. Attachment of the dummy plate

- Attach the dummy plates to the removal locations and fasten the screws②. Two types of dummy plates are provided for this purpose. Refer to the following figures and the table.
- Attach the supports and fasten the screws①. Refer to Fig. 3.4.9.3.2-5.
- Insert the removed inlet cables into respective dummy plates and secure them using cable clamps.

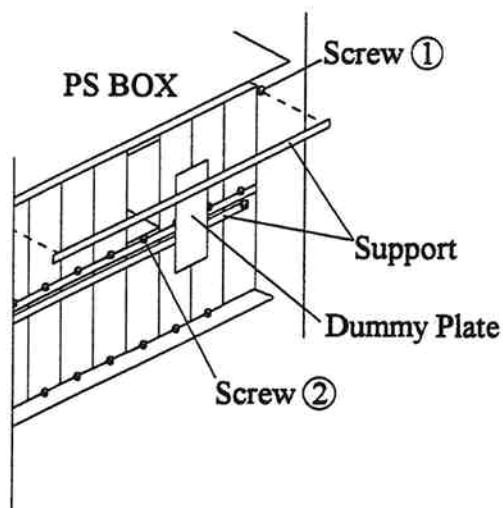


Fig. 3.4.9.3.2-5 Attachment of Dummy Plate

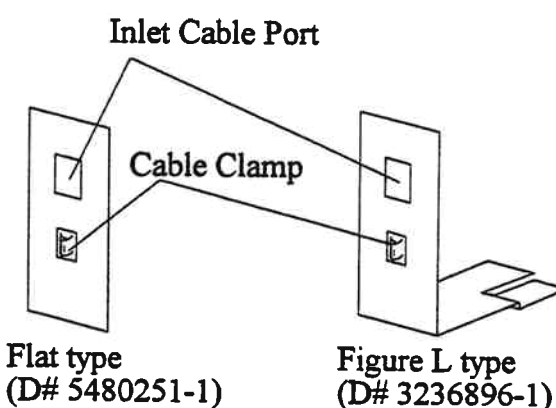
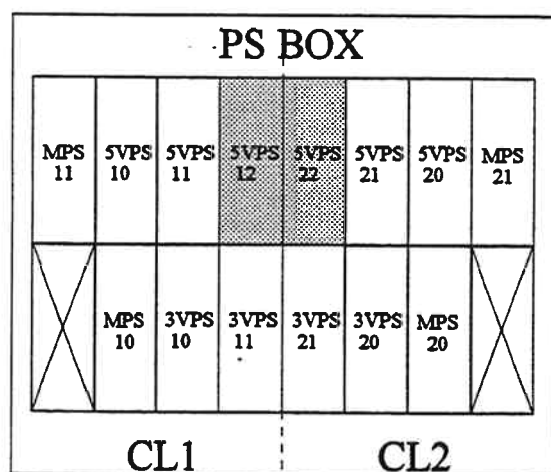


Fig. 3.4.9.3.2-6 Types of Dummy Plates

Table 3.4.9.3.2-2 Types and attachment locations for dummy plates

Types of dummy plates	Attachment locations
Flat type(D# 5480251-1)	5VPS12, 5VPS22
Figure L type(D# 3236896-1)	MPS11, 3VPS11, MPS21, 3VPS21



Flat type attachment location

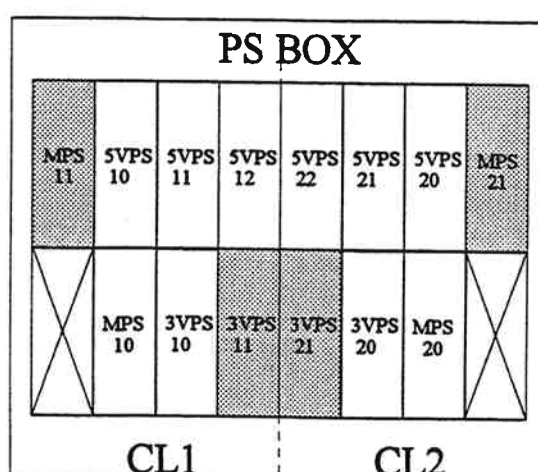


Figure L type attachment location

Fig. 3.4.9.3.2-7 Types and attachment locations for dummy plates

5. Removal of the nameplate

- a. Remove the nameplate of DKC-F210I-71 referring to Fig. 3.4.9.3.2-8.

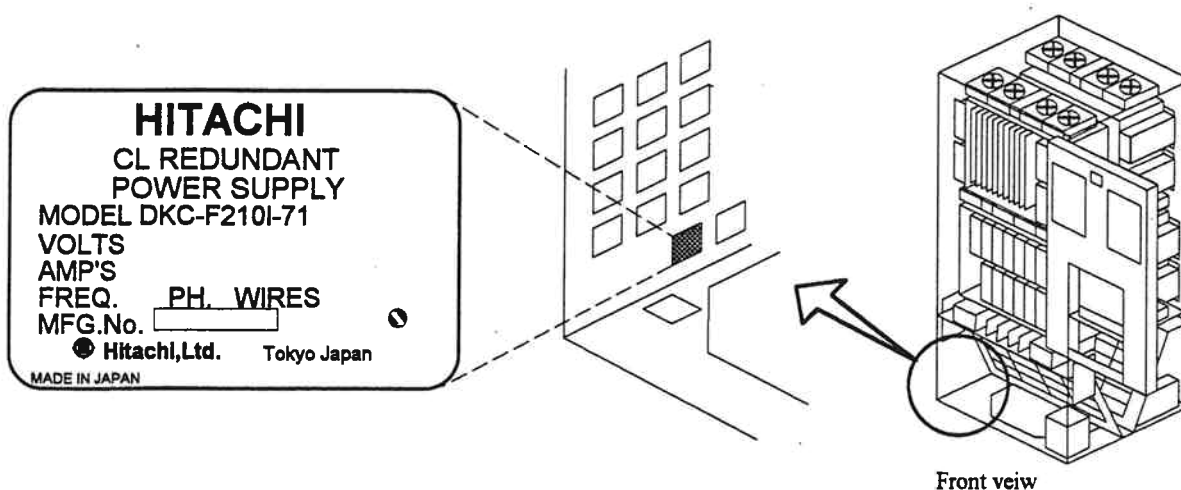


Fig. 3.4.9.3.2-8 Removal of Nameplate

6. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (9)-4. But if any other optional power supply must be removed, perform the proper hardware procedure.

DKC-F210I-70INST04-1400 through 1420

DKC-F210I-72INST04-1460 through 1480

Disruptive De-Installation: Go to INST02-51A Step (15). But if any other optional power supply must be removed, perform the proper hardware procedure.

DKC-F210I-70INST04-1400 through 1420

DKC-F210I-72INST04-1460 through 1480

3.4.9.4 De-Installation of Cache Redundant Power Supply(DKC-F210I-72)

3.4.9.4.1 Parts List

Table 3.4.9.4.1-1 Parts List for Cache Redundant Power Supply

No.	Model Number	Part Name	Part No.	Quantity	Remarks
1	DKC-F210I-72	5V Power Supply	5479609-A/5479654-A	2	
		3V Power Supply	5479609-B/5479654-B	2	
		Nameplate	3243354-1	1	

3.4.9.4.2 De-Installation Procedure of Cache Redundant Power Supply

1. Turn off the Redundant Power Supply
 - a. Turn the PS Enable/Disable Switch to (DOWN) **Disable**. Refer to Table 3.4.9.4.2-1, Fig. 3.4.9.4.2-1, and Fig. 3.4.9.4.2-2.

! CAUTION

A system down may be caused by setting the PS Enable/Disable switch of the switching power supply other than that to be removed to "Disable". Make sure that it is a switching power supply to be removed.

Table 3.4.9.4.2-1 Removal Location

No.	Part Name	Part No.	PS Location		Remarks
			Cache Box-1	Cache Box-2	
1	5V Power Supply	5479609-A/5479654-A	5VPSC11	5VPSC21	
2	3V Power Supply	5479609-B/5479654-B	3VPSC11	3VPSC21	

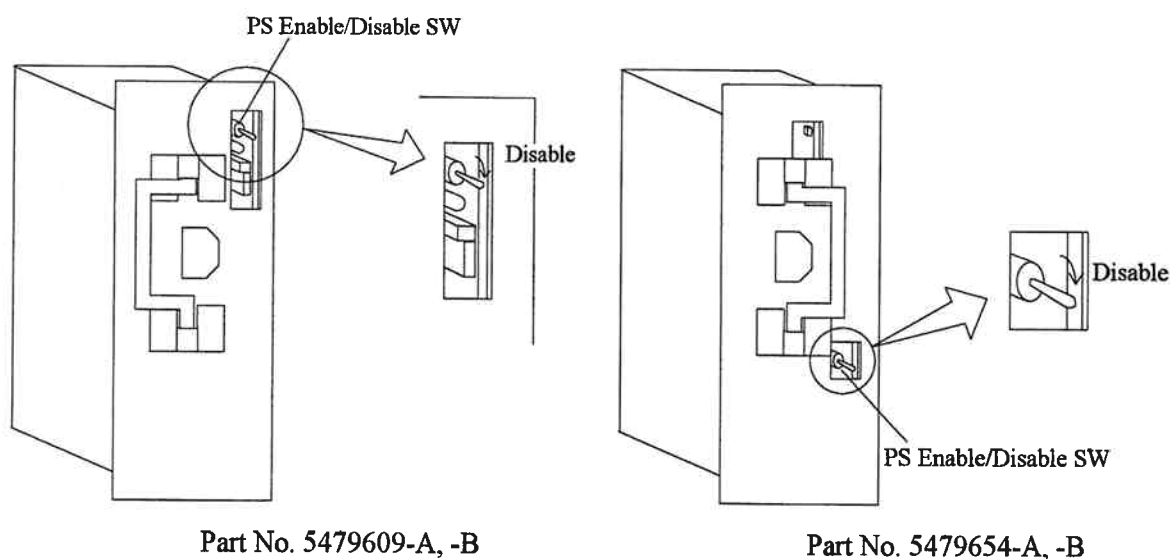


Fig. 3.4.9.4.2-2 Switch

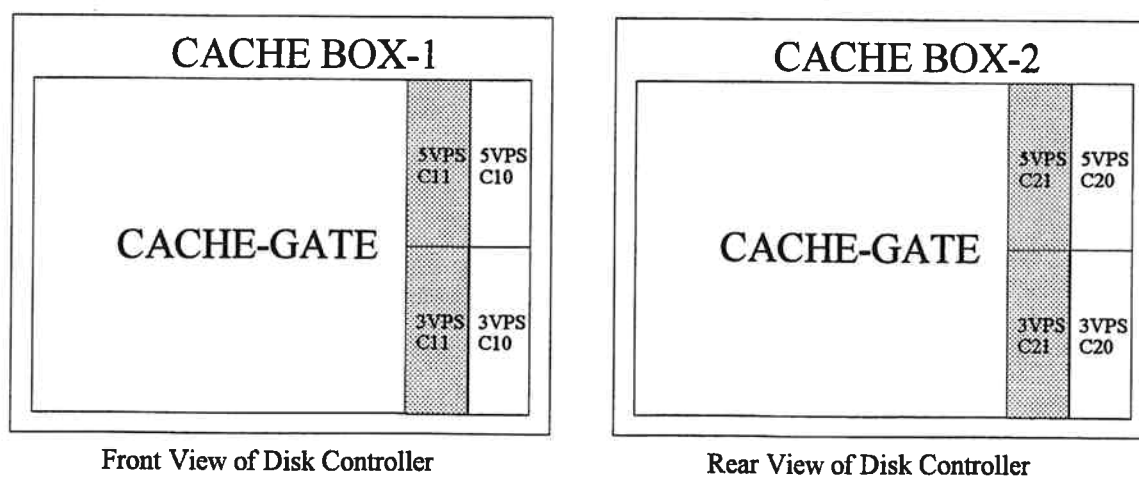


Fig. 3.4.9.4.2-1 Removal Location

2. Disconnection of the inlet cable

- a. Disconnect the inlet cables. Refer to Fig. 3.4.9.4.2-3.

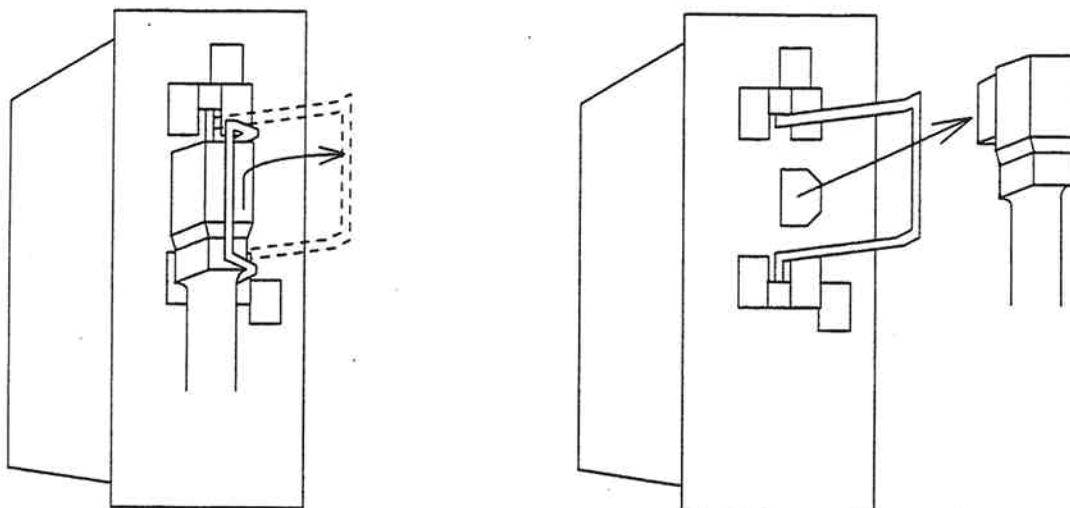
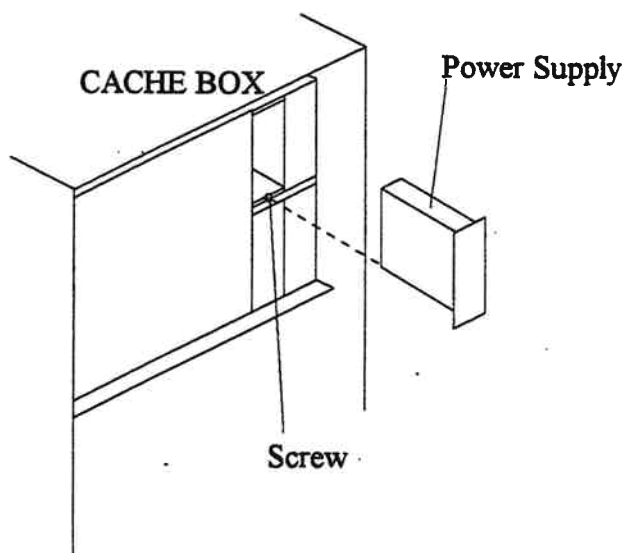


Fig. 3.4.9.4.2-3 Disconnection of Inlet Cable

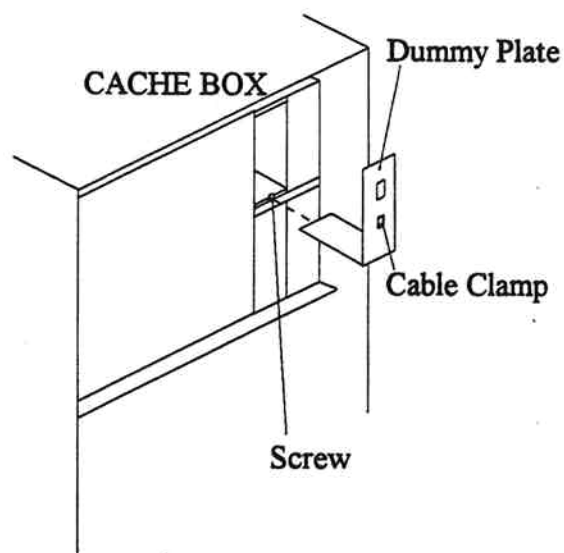
3. Removal of the Redundant Power Supply

- a. Loosen the screws and remove the Redundant Power Supplies. Refer to Fig. 3.4.9.4.2-4.
- b. Attach the dummy plates (Figure L type) to the removal locations and fasten the screws. Refer to Fig. 3.4.9.4.2-5.
- c. Insert the removed inlet cables into respective dummy plates and secure them using cable clamps.



Front or Rear View of Disk Controller

Fig. 3.4.9.4.2-4 Removal of Power Supply



Front or Rear View of Disk Controller

Fig. 3.4.9.4.2-5 Attachment of Dummy Plate

4. Removal of the nameplate

- a. Remove the nameplate of DKC-F210I-72 referring to Fig. 3.4.9.4.2-6.

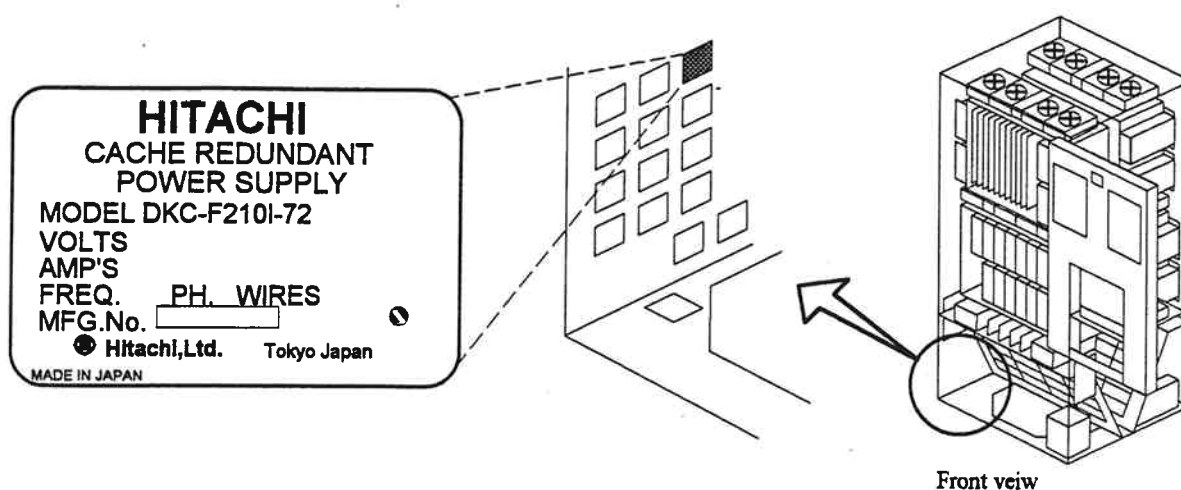


Fig. 3.4.9.4.2-6 Removal of Nameplate

5. Return to General Flow.

Non-disruptive De-Installation: Go to INST02-32 Step (9)-4. But if any other optional power supply must be removed, perform the proper hardware procedure.

DKC-F210I-70INST04-1400 through 1420

DKC-F210I-71INST04-1430 through 1450

Disruptive De-Installation: Go to INST02-51A Step (15). But if any other optional power supply must be removed, perform the proper hardware procedure.

DKC-F210I-70INST04-1400 through 1420

DKC-F210I-71INST04-1430 through 1450

3.4.10 De-Installation of Backup/Restore Function for Multi-Platform (DKC-F210I-M80)

3.4.10.1 Parts List

Table 3.4.10.1-1 Parts List

No.	Model Number	Parts Name	Parts No.	Quantity	Remarks
1	DKC-F210I-M80	Nameplate	3247493-1	1	

3.4.10.2 De-Installation Procedure of Backup/Restore Function for Multi-Platform

1. Detach the Nameplate.

- a. Paint out the number ① of the nameplate. Detach the nameplate of DKC-F210I-M80.

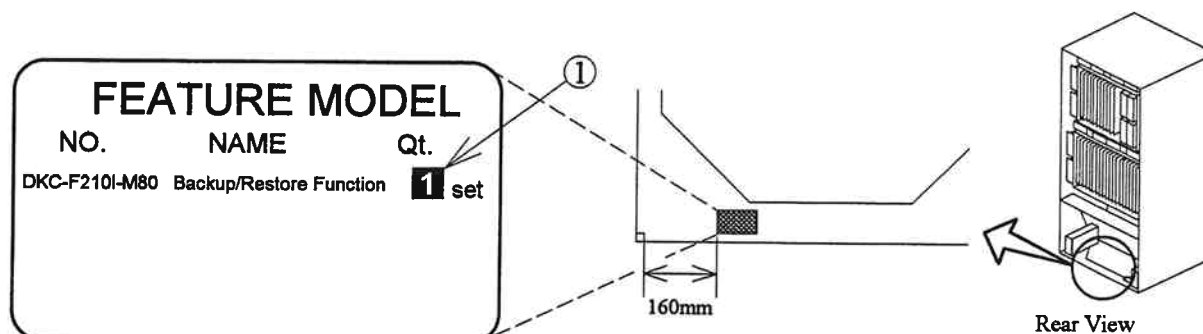


Fig. 3.4.10.2-1 Location of the Nameplate

2. Return to General Flow.

Non-Disruptive De-Installation : Go to INST02-32 Step(11)-3.

Disruptive De-Installation : Go to INST02-51 Step(7A)-3.

3.5 SVP procedure

3.5.1 INDEX

TOD Setting and Set IP Address	INST05-20
Configuration Information Definition	INST05-40
Check Procedure	INST05-81
Refer Configuration	INST05-101
SCSI Cable Connection (Disconnection) Procedures	INST05-110
Setting up the New Device Structure Information	INST05-180
Installation system updata processing	INST05-210
De-Installation system update processing	INST05-275
System Tuning	INST05-350

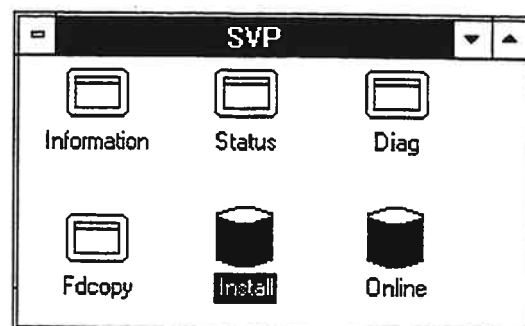
3.5.2 New Installation SVP Procedure

3.5.2.1 TOD Setting and Set IP Address

[1] TOD Setting (Turn on subsystem power before TOD Setting)

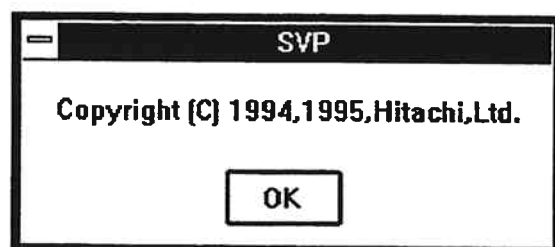
1.

Select (DC) the [Install] icon in the 'SVP' window.



2.

Select (CL) [OK] in the 'SVP' dialog box.

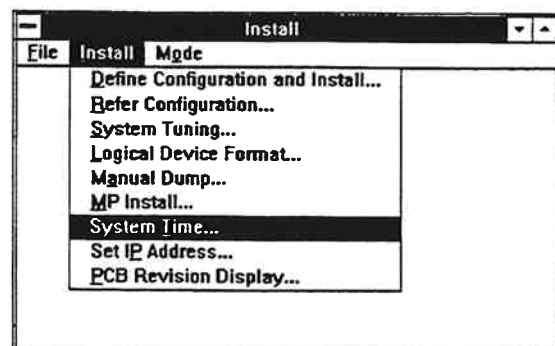


3.

Select (CL) the [Mode] menu in the 'Install' window and select (DR) [Modify].

4.

Select (CL) the [Install] menu in the 'Install' window and select (DR) [System Time...].



5.

Specify the date (year, month and day) and time (hour, minute and second) and select (CL) [OK].

TOD change						
1995	/	4	/	21	OK	
11	:	42	:	38	Cancel	

6.

Close the 'Install' window.

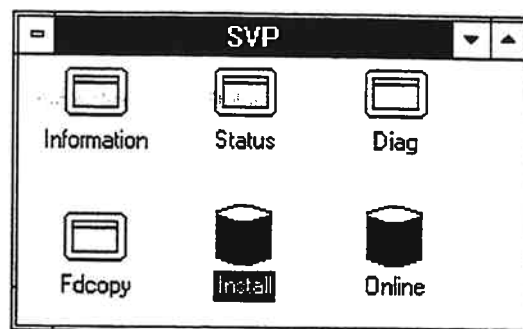
The TOD values that are set in the above steps are reflected in the DKC main unit when the DKC is powered on.

After TOD setting, skip Configuration Information Definition(on page INST05-40)

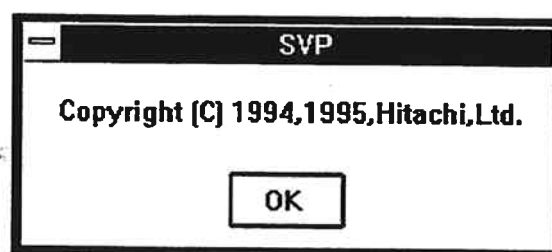
Go to INST02-11 step (15)-2.

[2] Set IP Address

- (1) Select (DC) the [Install] icon in the 'SVP' window.



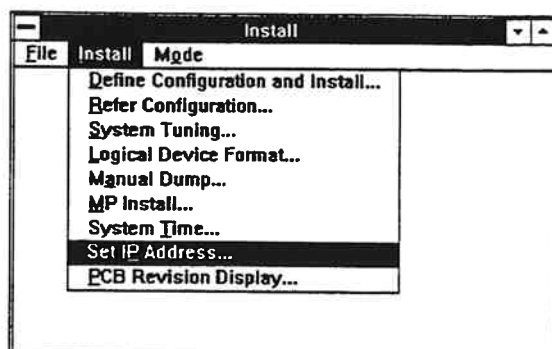
- (2) Select (CL) [OK] in the 'SVP' dialog box.



- (3) Select (CL) the [Mode] menu in the 'Install' window and select (DR) [Modify].



- (4) Select (CL) the [Install] menu in the 'Install' window and select (DR) [Set IP Address...].



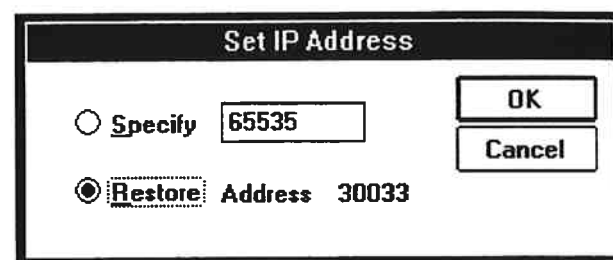
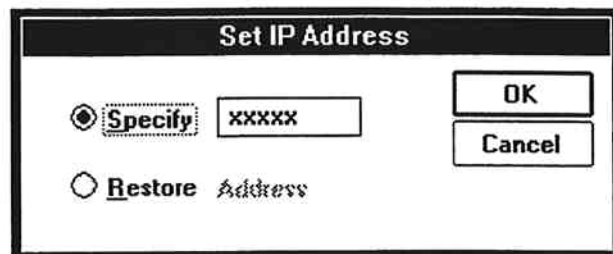
(5) Change the IP Address

- (i) In the case of setting "65535" as the IP Address of LAN of SVP.

- ① Select (CL) [Specify] and then select (CL) [OK] after you recognized that the value is 65535. If the value is not 65535, select (CL) [OK] after entering 65535.
- ② In response to the message "Please reboot PC", select (CL) [OK].

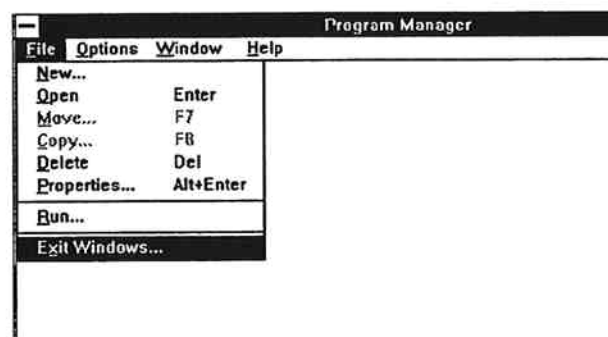
- (ii) In the case of setting the DKC serial number that was specified in "Define Configuration and Install".

- ① Select (CL) [Restore] and then select (CL) [OK].
- ② In response to the message "Please reboot PC", select (CL) [OK].

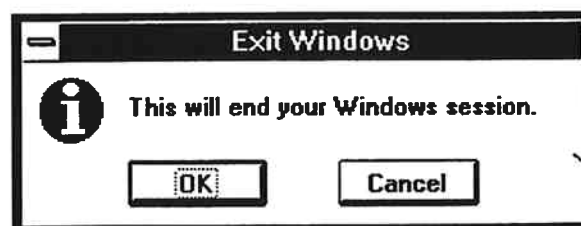


(6) Termination of Windows

Select (CL) the [File] menu in the 'Program Manager' window and select (DR) [Exit Windows...].



- (7) In response to the message "This will end your Windows session.", select (CL) [OK].



(8) Restart the PC

Put down the following keys at once to restart the PC.

“[ALT]”, “[CTL]” and “[Del]”.

Go to INST02-11 step (16).

3.5.2.2 Configuration Information Definition

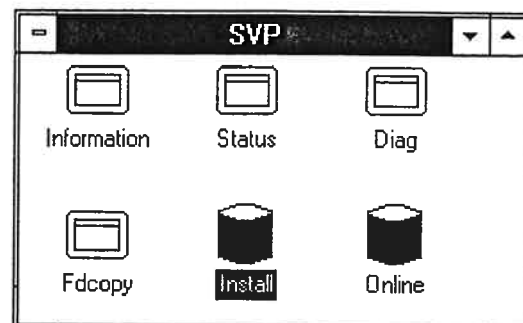
NOTICE

This operation is necessary only when a subsystem is newly installed. It is not performed afterward. If it is performed by mistake, a system down or a data loss may be caused.

1. <Start [Install]>

Select [Install] from 'SVP' (DC).

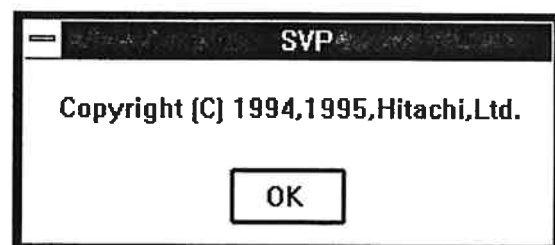
If you want to set DK309-18 (DKU-F305I-1804/1801), go to INST08-10.



2.

Select [OK] from 'SVP' (CL).

[Install] is opened.



3. <Change SVP mode>

Select [Modify] from [Mode] on [Install] (DR).

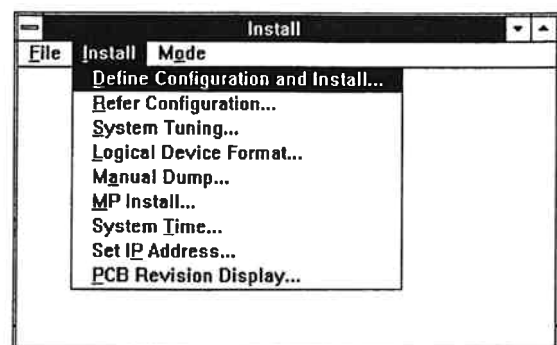
The SVP is switched into the Modify mode.



4. <Specify beginning of installation>

Select [Define Configuration and Install...] from [Install] on [Install] (DR).

Message "This operation will cause fatal damage to subsystem. All data and configuration will be initialized. You need the password to continue." is shown.



NOTICE

This is a special (exceptional) operation that can cause a serious failure such as a system down or a data loss if executed in an occasion other the new subsystem installation, and requires an input of a password. Ask the technical support center about the appropriateness of the operation, and input the password after getting an approval of executing the operation.

5.

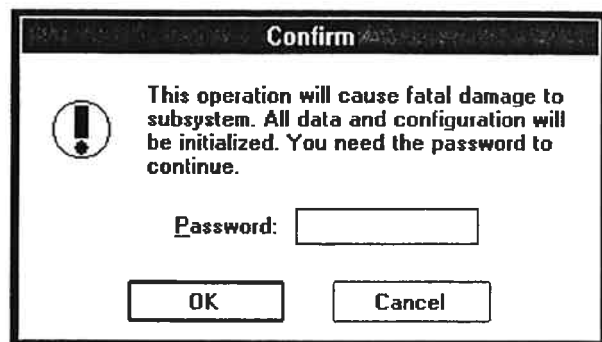
Enter the password and select [OK] (CL).

It is needed to input Password in this operation.

Please call Technical Support Center for asking it.

If [Cancel] is selected, terminate the installation procedure.

'Device Structure Setup' is automatically displayed next.



6. <Define configuration information>

Define the device configuration information from 'Device Structure Setup' according to the device configuration worksheet.

After making sure that all input items are correct, select [OK] (CL).

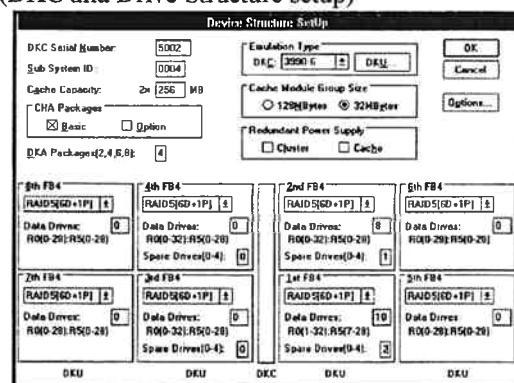
Message "2×xxxMB shared memories required" is shown.

This procedure finishes when you select [Cancel].

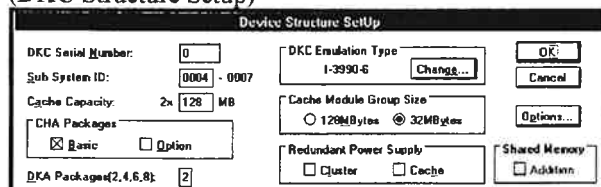
If [Options...] is selected (CL), 'System Option Setup' is displayed.

If [Change...] is selected (CL), 'DKC Emulation' is displayed.

(DKC and Drive Structure setup)



(DKC Structure Setup)



* When the DKC Structure SetUp screen is displayed, go to step 19 (INST05-72).

7-1. <Define System Options>

Define the device configuration information from 'System Option Setup' according to the device configuration worksheet.

After setting up all items, select [OK] (CL).

The next message screen is displayed.

When you select [Cancel] (CL), 'System Option Setup' is closed and 'Device Structure Setup' appears again.

[Option Install] button is in order to install feature Option. (See SVP 10.3).

