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SCU Mechanical Replacement

MKS-8010



MKS-8010 Material for Mechanical Parts

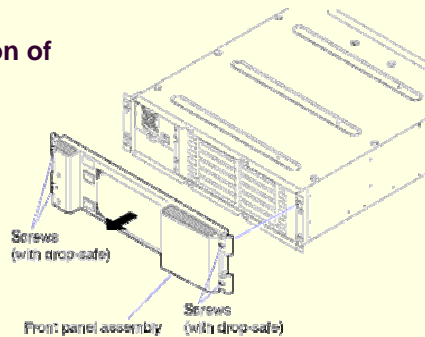
- ☐ Removing the Front Panel Assembly
- ☐ Replacing the Plug-in Board
- ☐ Replacing the Connector Board
- ☐ Replacing the Power Supply Unit
- ☐ Replacing the Fan
- ☐ Replacing the CPU module

Removing the Front Panel Assembly

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Removal

1. Fully loosen four screws(with drop-safe).
2. Remove the front panel assembly in the direction of the arrow.



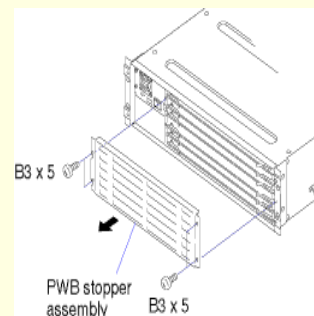
Replacing the Plug-in Boards

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1. Plug-in Boards

Removal

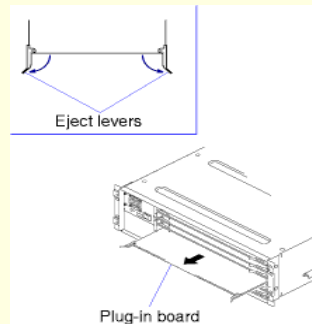
1. Remove the Front Panel Assembly (Please refer to how to remove the Front Panel Assembly.)
2. Remove six screws and remove the PWB stopper assembly.



Replacing the Plug-in Boards

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3. Open the eject levers of the Plug-in board for replacement in the direction of the arrow as shown and pull it out.

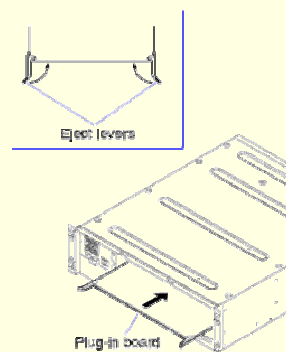


Replacing the Plug-in Boards

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Installation

1. While the eject levers are opened, insert it into the plug-in board.
2. While closing the eject levers in the direction of the arrow, push the plug-in board into the slot.
3. Install the PWB stopper assembly and the front door by reversing the steps 1 and 2 of removal.

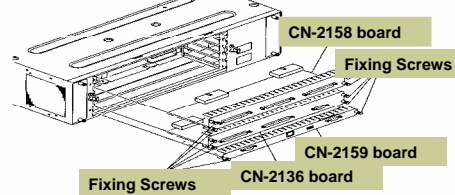


Replacing the Connector Board

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MKS-8010 Replacing the Connector Board

Fully loosen fixing screws of the CN-2136, 2158, 2159 and pull out the board with the fixing screws.



MKS-8700

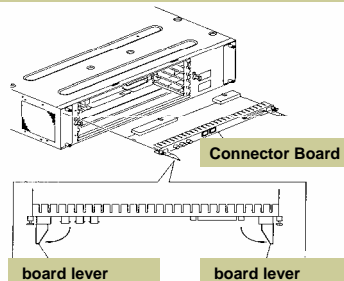


Replacing the Connector Board

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Connector Board (CN-2157) Removal:

- 1) Fully loosen two fixing screws of the CN-2157 board.
- 2) While the board levers are opened in the direction of the arrow, then pull out the CN-2157 board.

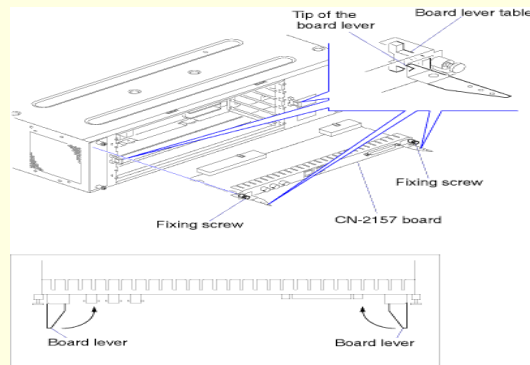


Replacing the Connector Board

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Installation

- 1) Insert the new connector board into the third slot and align the tip of the board lever with the hole of the board lever table.
- 2) While closing the board lever in the direction of the arrow, push the connector board into the slot.
- 3) Tighten two fixing screws.

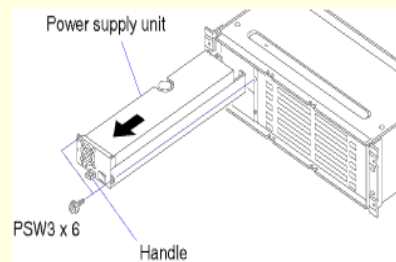


Replacing the Power Supply Unit

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Removal

1. Remove the front panel assembly.
(Please refer to how to remove the Front Panel Assembly.)
2. Remove the two screws and pull the power supply unit out by holding the handle.



Replacing the Power Supply Unit

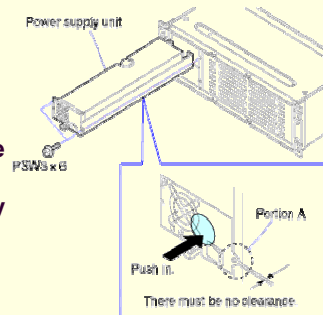
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Installation

Install the new power supply unit by reversing steps of removal.

Caution!

- If installation of the power supply unit is incomplete, the contact resistance of the connector increases that may result in damage of parts and smoke.
- Tighten the fixing screws of the power supply unit securely.
- Do not turn on the power before the power supply unit is firmly secured.

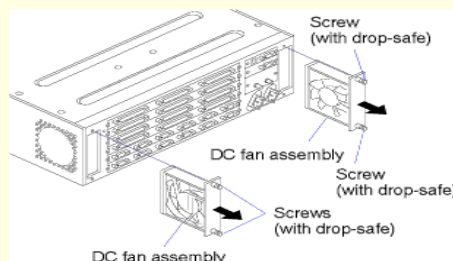


Replacing the Fan

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Removal

- 1) Fully loosen two screws (with drop-safe) and pull the DC fan assembly out in the direction of the arrow by holding the fixing screws.
- 2) Remove two screws and remove the fan panel.
- 3) Remove two screws and remove the fan bracket (2).
- 4) Slide the DC fan in the direction of the arrow from the fan bracket(1). Disconnect the harness from the connector (CN2) of the HN-276 board.

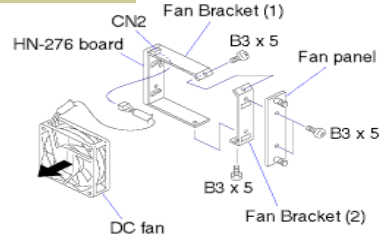


Replacing the Fan

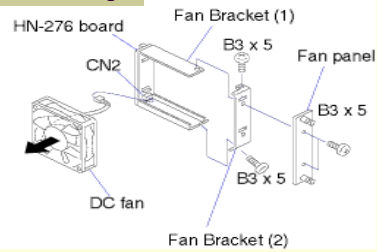
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**DC Fan on the left
&
DC Fan on the right**

DC Fan on the left



DC Fan on the right



Replacing the Fan

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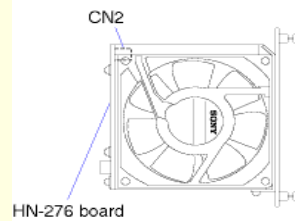
Installation

Install the new fan by reversing the steps of removal.

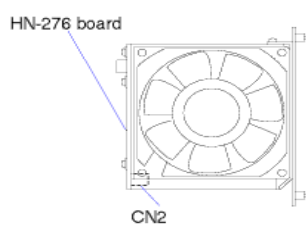
NOTE

Install the DC fans in the right and left to their specified positions as shown in the illustration.

DC Fan on the left



DC Fan on the right



Replacing the CPU module

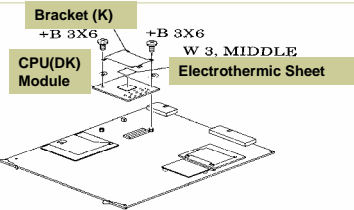
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Replacing the CPU module

CPU(DK) Module

Removal : 1) Remove two screws and the bracket (K).

2) Remove the CPU(DK) module from the connector board



Installation

Install the new CPU(DK) module in reversed procedure of removal.

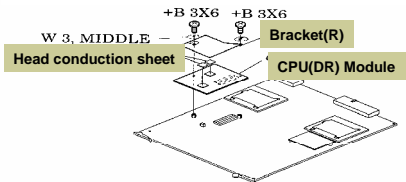
Replacing the CPU module

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CPU(DR) Module

Removal : 1) Remove two screws and the bracket(R).

2) Remove the CPU(DR) module from the connector board

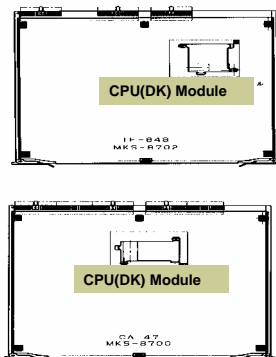


Installation

Install the new CPU(DR) module in reversed procedure of removal.

Replacing the CPU module

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Questions?

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Next:

■ DCU Mechanical Replacement

- Click on the picture of the model that pertains to your system

5A MKS-8700
Mechanical



5B MKS-2700
Mechanical

