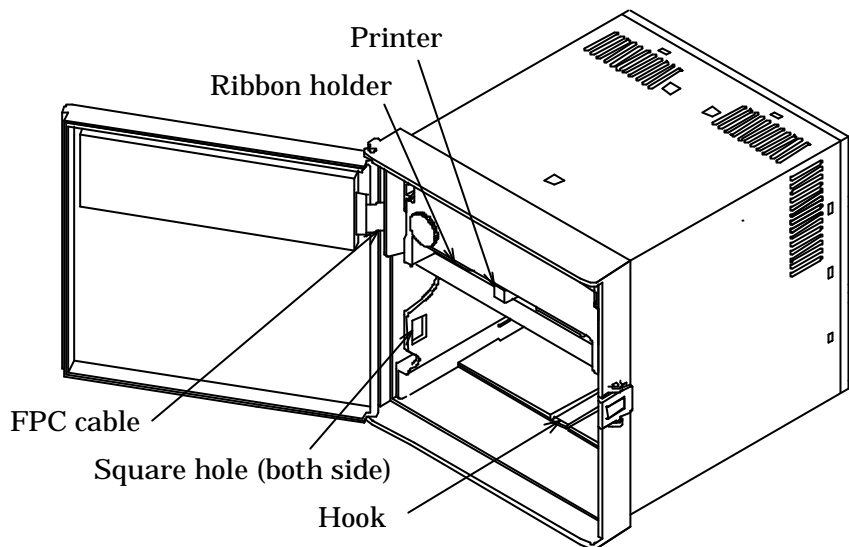
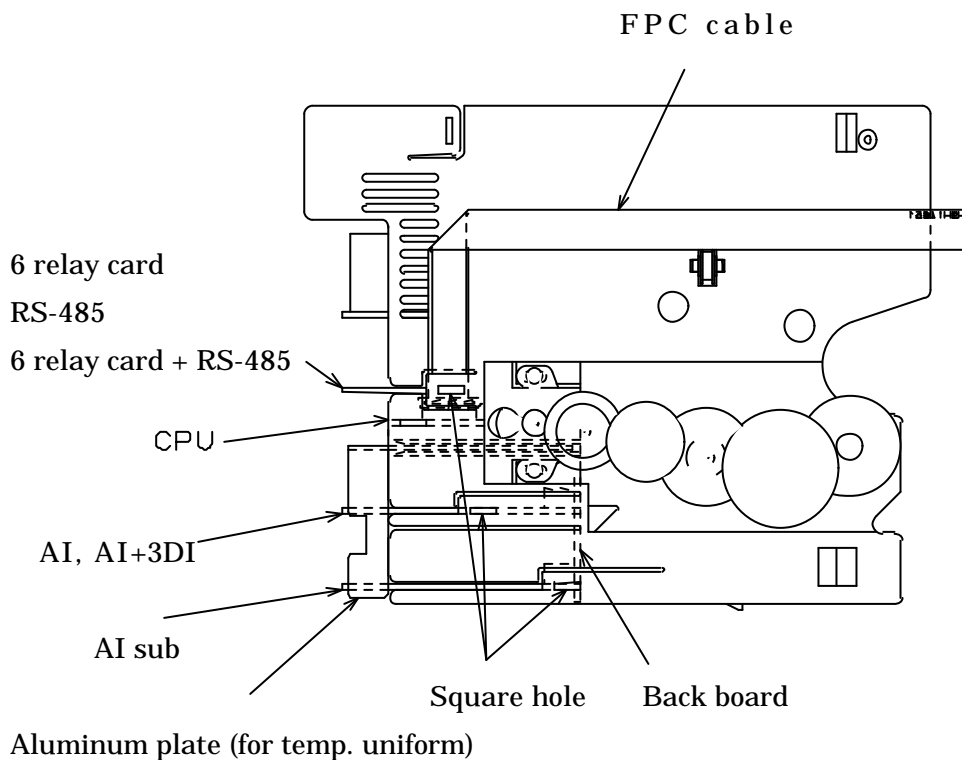


For upgrade addition of 6 relay, RS485 & 6 relay + RS485 card

1. Open the door and remove chart holder from inner module.
 2. Pinch and pick up the hook from the case bottom and hang finger into square hole then pull out inner module. (If hook can not be off, use flat screwdriver to be off).
- Note 1: When pull out inner module, do not hold ribbon holder and printer.
- Note 2: Also please note to handle with care FPC cable when pull out inner module.



3. Location of each card / board



4. Addition upgrade of 6 relay card HMSU3655A01:

RS485 card HMSU3655A02:

6 relay + RS485 card HMSU3655A03

Disconnect FPC cable for the display from connector (CN6) in the CPU. Connect with cable for card connector and CPU connector (CN7). Cable both ends are same and common. It is easier to connect with CPU if form the cable before connecting.

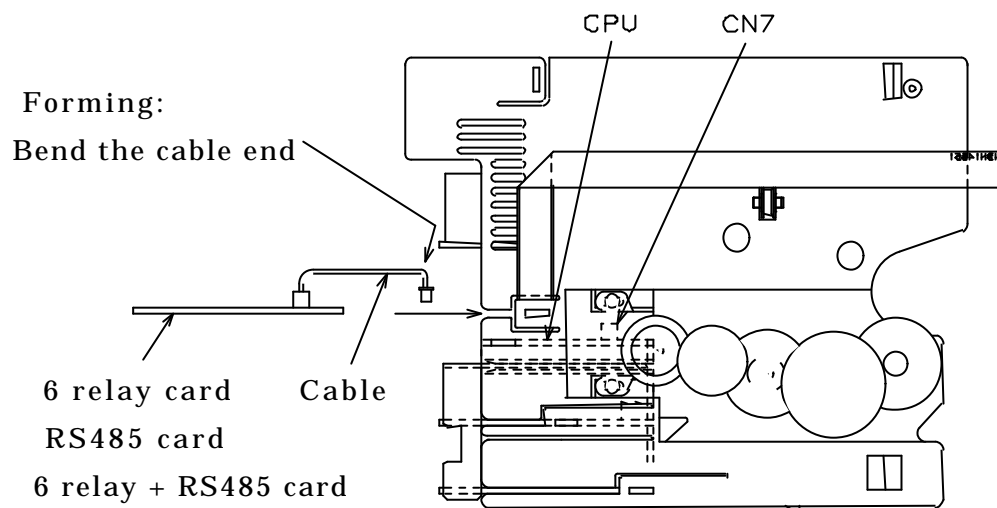
Connect FPC cable for the display with CPU connector (CN6).

- MAKE SURE THAT FPC CABLE TO BE INSERTED TO THE END OF THE CONNECTOR AND STRAIGHTLY CONNECTED. Obliquely connected then it causes faults.

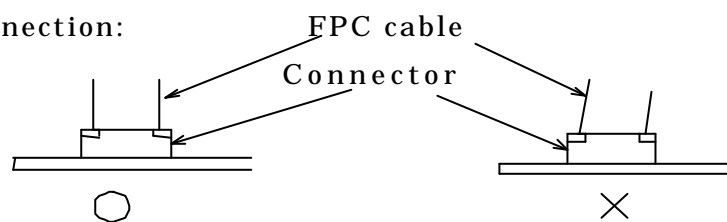
Put ADD card on the part indicated as bellow.

Note: Make sure that the cable and FPC cable not to be caught by the board. Check again conditions of the connection of FPC cable.

Make sure that FPC cable for the display to be positioned and passed above 6 relay board.



FPC cable connection:



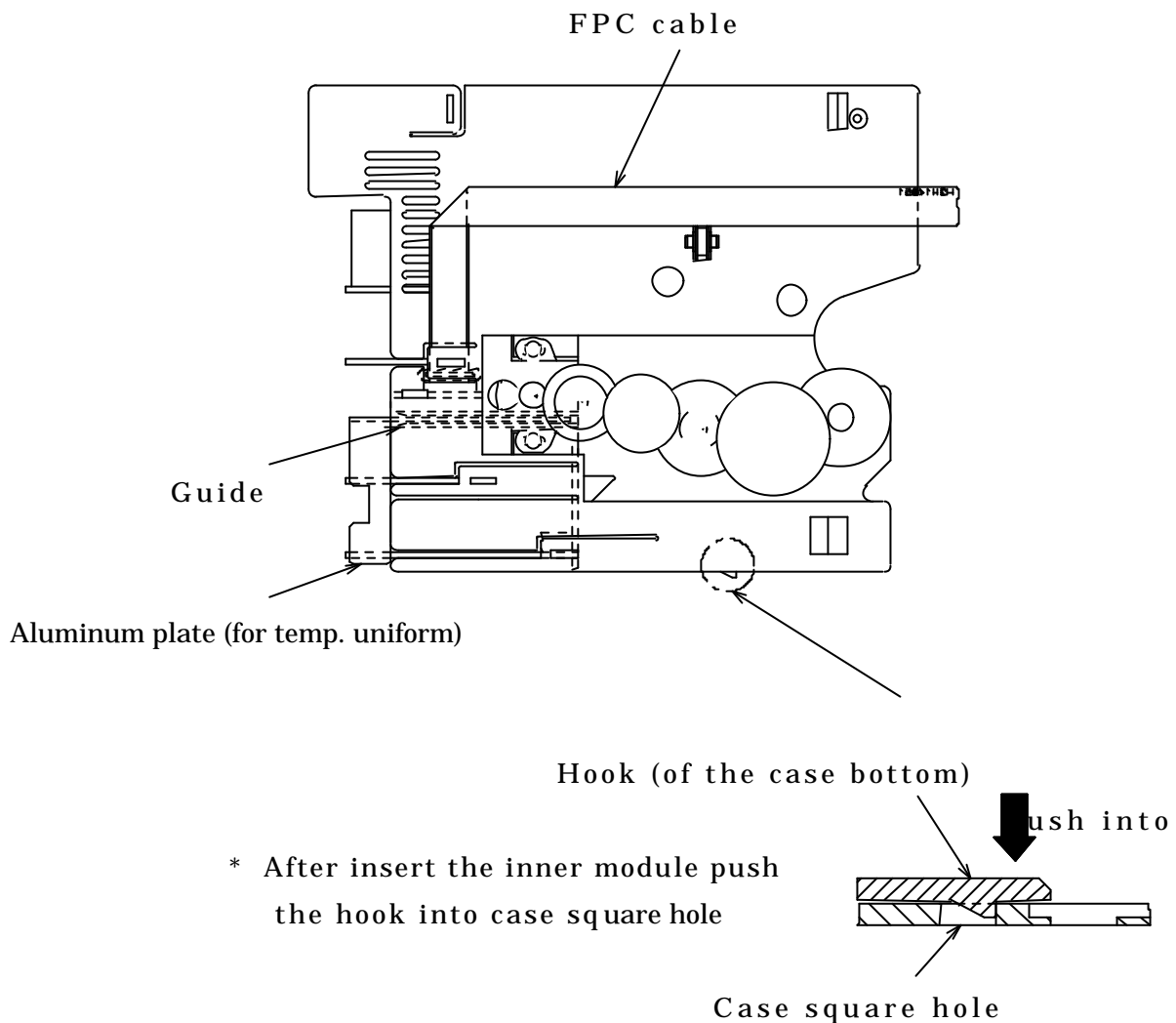
5. Adjust aluminum plate to guide to put it to inner module

(Note: When inserting inner module, if aluminum plate is existing in the inside case, print board would be damaged)

Insert the inner module with taking care to not damage FPC cable. Softly bent FPC cable then insert with inner module.

- DO NOT PUSH RIBBON HOLDER AND PRINTER IN INSERTING INNER MODULE.

After well inserted, push hook into square hole of the case bottom and make sure it fits well.



6. After installation make sure, by opening/closing the door, FPC cable will smoothly slide in a space between case and inner module. If not slid well, please reinstall inner module again.

7. Put chart holder into the case and turn the power on then make sure that the recorder works in normal action.

8. Calibrate the recorder if required according as standard instruction manual.