



INSTALLATION MANUAL

Decoration Panel

MODELS

BYCQ125B-W1

CAREFULLY READ THESE INSTRUCTIONS BEFORE INSTALLATION.
KEEP THIS MANUAL IN A HANDY PLACE FOR FUTURE REFERENCE.

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1. BEFORE INSTALLATION

(1) NOTE TO INSTALLER

- Have the customer actually operate the air conditioner while looking at the operation manuals attached to the indoor unit and remote controller. Instruct the customer how to operate the air conditioner (particularly cleaning of the air filters, operation procedures, and temperature adjustment).

(2) PRECAUTIONS

- Refer also to the installation manual attached to the indoor unit.

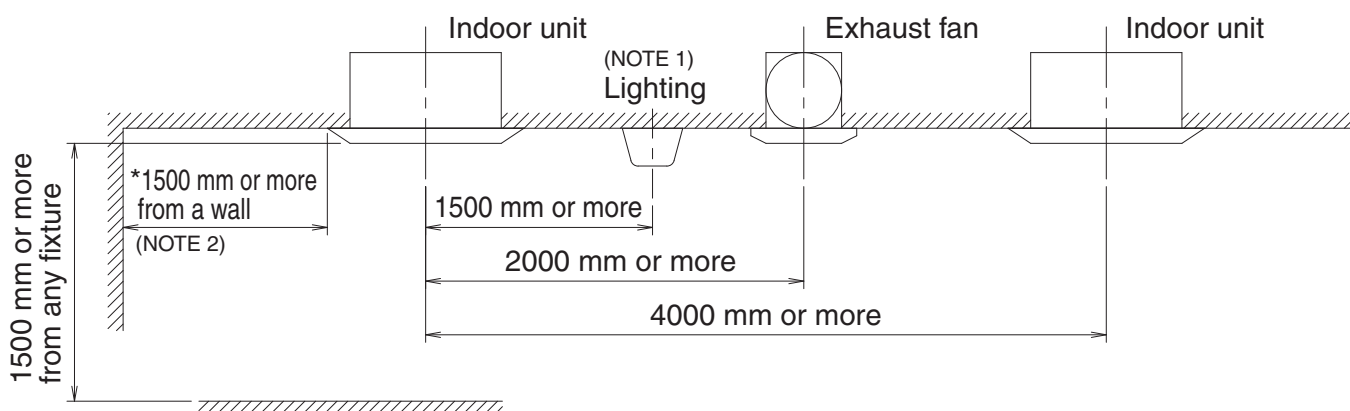
(3) ACCESSORIES

- Installation manual.

2. SELECTION OF INSTALLATION LOCATION

«The air discharge direction can be selected. Optional sealing material of air discharge outlet is required for 4-way flow (corner part is sealed) or 3-way flow.»

If there are exhaust fans, lightings, or machines near the indoor unit that may interfere with air flow, the ceiling may get dirty. So installation should follow the diagram below.



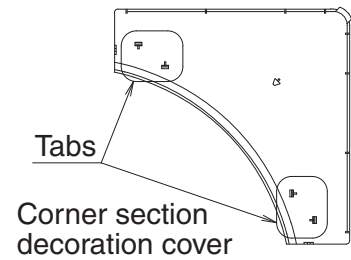
NOTE

1. This restriction applies to the exposed type lighting, but does not apply to the recessed type (which does not protrude below the ceiling line).
2. The clearance from the wall (indicated with *) must be 500 mm or more if the air outlet is closed or the horizontal blade is set to Airflow block and, if the corners (left and right corners of the target air outlet) are also closed, 200 mm or more.
For how to set the airflow direction (including Airflow block) with the horizontal blade, refer to "Individual Airflow Direction" in the operation manual attached to the remote controller.

3. PREPARATION OF DECORATION PANEL

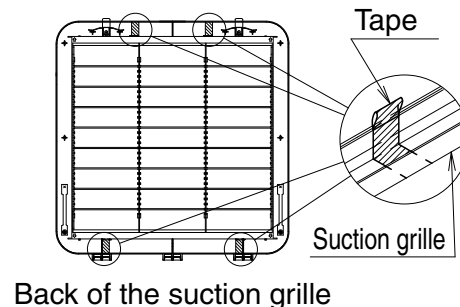
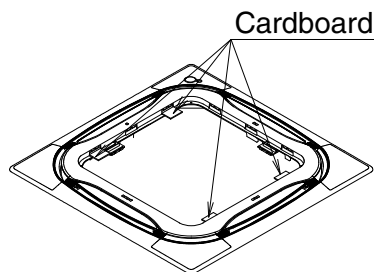
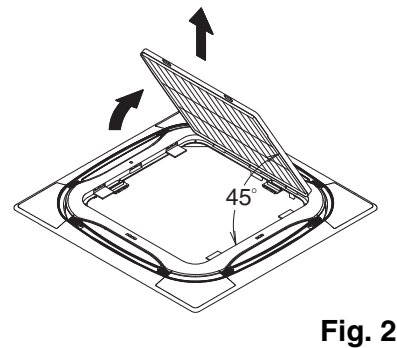
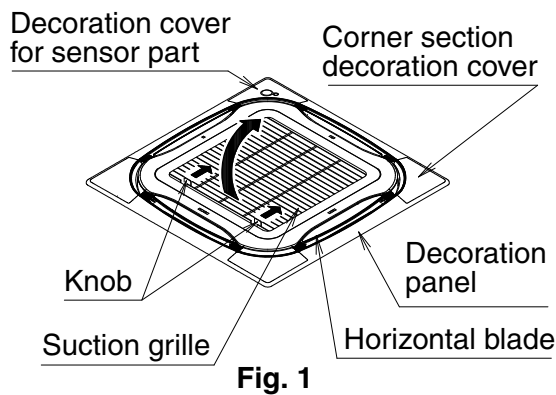
HANDLING OF DECORATION PANEL

- Never place the panel facing down the design surface, nor lean the panel against a somewhere, nor leave it on a protruding object. Otherwise, the surface of the panel will be damaged.
- Never touch or apply force on the Horizontal blade.
(The horizontal blade may malfunction)
- Be careful not to get 4 tabs of the removed corner section decoration cover damaged.



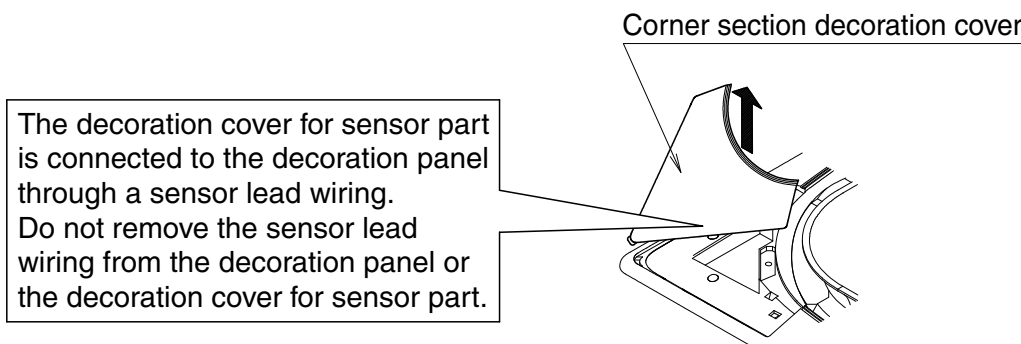
(1) Remove the suction grille from the decoration panel.

- 1 Press the two knobs on the suction grille and lift the knob side. **(Refer to Fig. 1)**
- 2 Detach the suction grille from the decoration panel by lifting the grille up approximately 45 degrees. **(Refer to Fig. 2)**
- 3 Remove the transporting cardboard (in 4 locations). **(Refer to Fig. 3)**
- 4 Remove the transporting tape (in 4 locations) on the back of the suction grille. **(Refer to Fig. 4)**



(2) Remove the corner section decoration cover.

- Lift the four corner decoration covers in the direction of the arrow and remove. **(Refer to Fig. 5)**



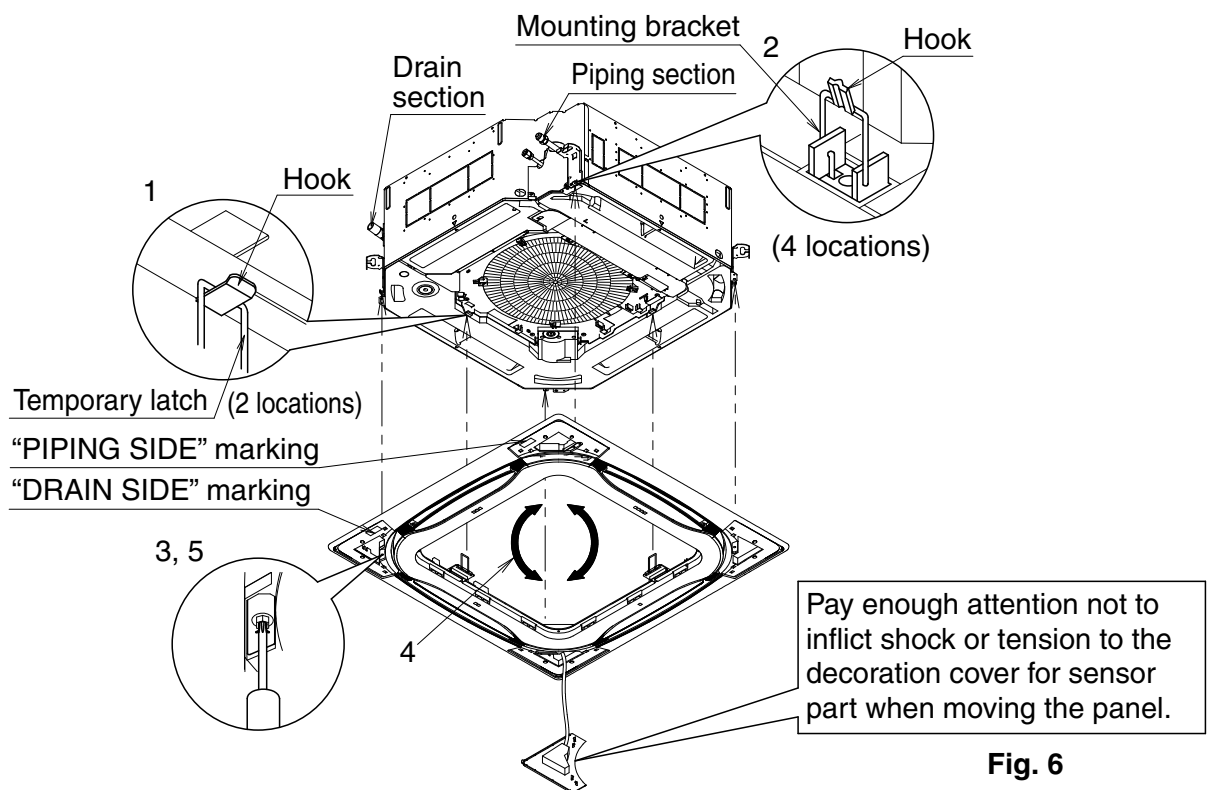
4. INSTALLATION OF THE DECORATION PANEL

⟨⟨Refer to the installation manual attached to the indoor unit for the installation of the indoor unit.⟩⟩

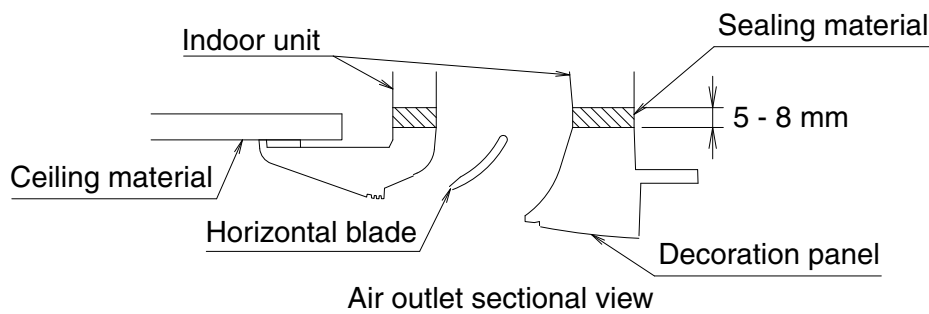
(1) Match the “PIPING SIDE” and “DRAIN SIDE” displays on the decoration panel with the position of the piping section and drain section on the indoor unit.

(2) Install the decoration panel

- 1 Temporarily install the decoration panel to the indoor unit by hanging the temporary latch of the decoration panel to the hook of the indoor unit. (2 locations)
- 2 Hook the four mounting brackets on the corner sections of the decoration panel onto the hooks around the indoor unit (4 locations).
(Make sure at this time that the horizontal blade motor lead wiring and the sensor lead wiring do not get caught between the decoration panel and the indoor unit.)
- 3 Screw all 4 hexagon head screws located beneath the mounting brackets in approximately 5 mm. (Panel will rise)
- 4 Adjust the decoration panel by turning it to the arrowed direction in **Fig. 6** so that the ceiling opening is completely covered.



- 5 Tighten the screws until the thickness of the sealing material between the decoration panel and the indoor unit reduces to 5-8 mm.



[PRECAUTIONS]

- Make sure there will be no clearance between the indoor unit and decoration panel and between the ceiling and decoration panel.

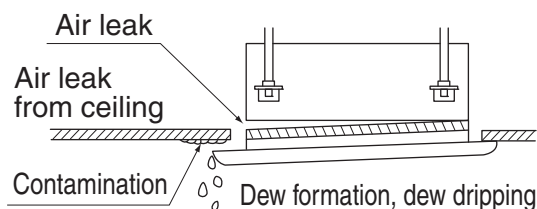


Fig. 7

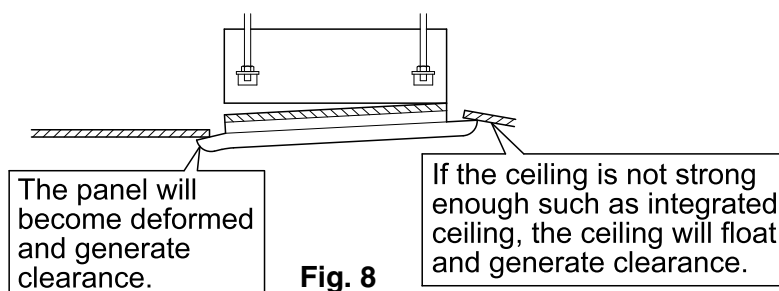


Fig. 8

If there is clearance, it may cause failure such as **Fig. 7**.

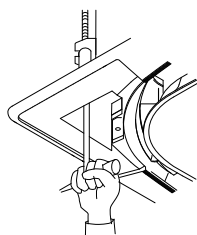
- If the screws are not screwed in tightly enough, firmly tighten the screws described in the previous page so that there are no clearance. If there are still clearances between the ceiling surface and the decoration panel even after tightened the screws, readjust the height of the indoor unit.
- Readjust so that the suspended height of the indoor unit drops toward the ceiling surface.

If the position of the hung indoor unit is too high, it may generate clearance as **Fig. 8**.

- Loosen the screws and readjust the strength of tightening.
- If the integrated ceiling is not strong enough and there are still clearances after the adjustments described above, reinforce the area around the opening so that it is strong enough.

NOTE

- Adjustment of the indoor unit height from the holes in the corner of the decoration panel is possible if the indoor unit is kept leveled and the drain piping, etc. is unaffected.

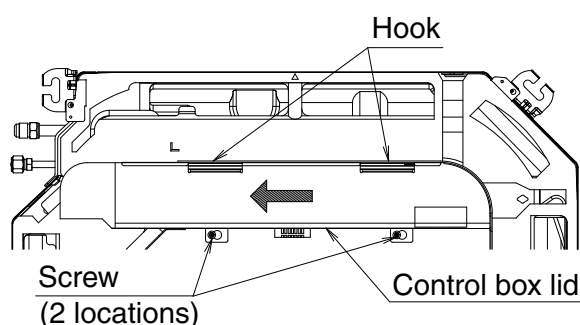


(3) Wiring of the decoration panel (Refer to Fig. 9)

CAUTION
Before wiring, be sure to turn off all power supply switches.

<When installing the decoration panel simultaneously with the indoor unit wiring.>

- 6 Remove the control box lid of the indoor unit.



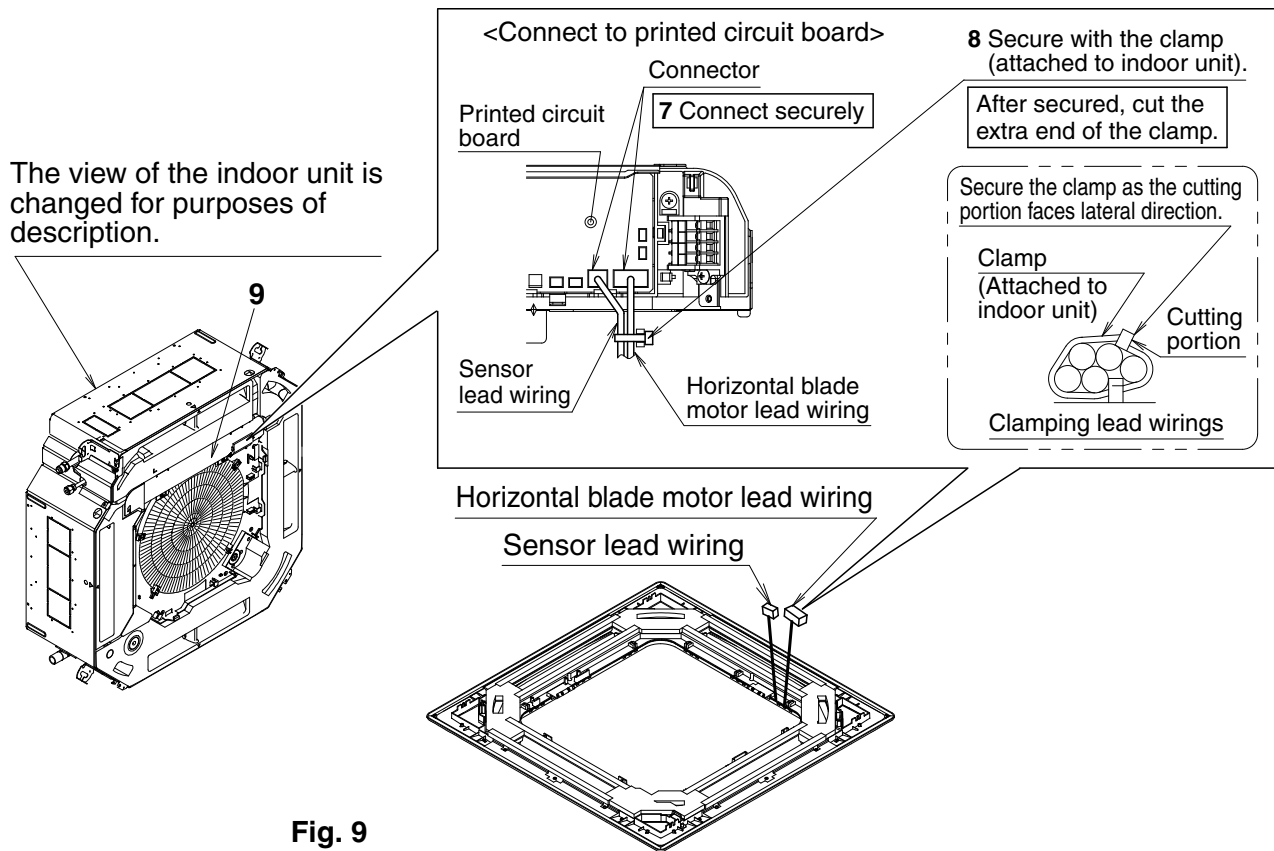
Loosen the two screws, slide the cover in the direction of the arrows, and disengage from the hooks.

- 7 Find connectors for the horizontal blade motor lead wiring and sensor lead wiring which are came out from the decoration panel, then connect them certainly to the printed circuit board in the control box of the indoor unit. (Depends on the indoor unit to be connected).

The sensor and the horizontal blades do not operate unless the connectors connected.

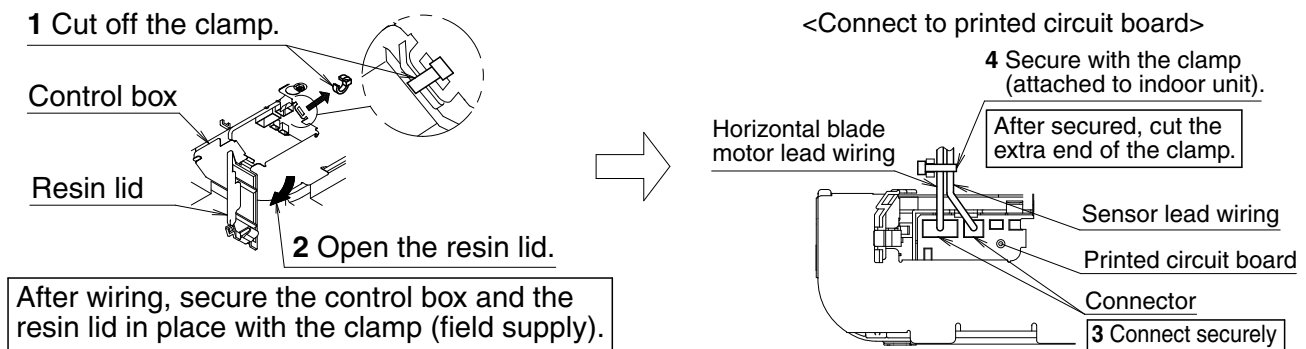
- 8 Secure the horizontal blade motor lead wiring and the sensor lead wiring to the indoor unit using the clamp (attached to indoor unit).
- 9 Attach the control box lid of the indoor unit.

Make sure that the horizontal blade motor lead wiring and the sensor lead wiring are not caught between the control box and its lid.



<Later installation of only the decoration panel>

The decoration panel can be connected without taking the lid off the indoor unit control box by the following procedure.



5. INSTALLATION OF SUCTION GRILLE

It is possible to install the suction grille in 4 directions by turning the suction grille. Change the direction when adjusting the direction of the suction grilles of multiple units or in meeting customers' demands.

Attach the suction grille.

- 1 Hook on the suction grille into 3 hooks of the decoration panel by lifting the grille up approximately 45 degrees. (Refer to Fig. 10)

- 2 Hook the strap of the suction grille into the holding part of the decoration panel after the strap is turned around as shown in the figure below (2 locations). **(Refer to Fig. 11)**
- 3 Slowly lift the suction grille, and finally, securely fasten it to the main body of the decoration panel, while pressing the two knobs. **(Refer to Fig. 12)**

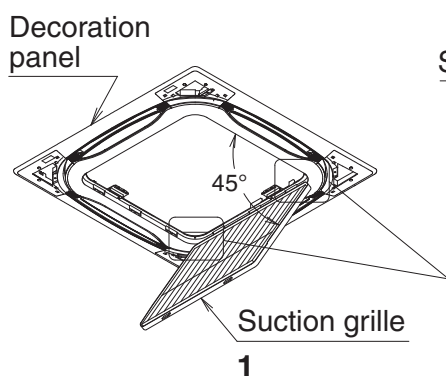


Fig. 10

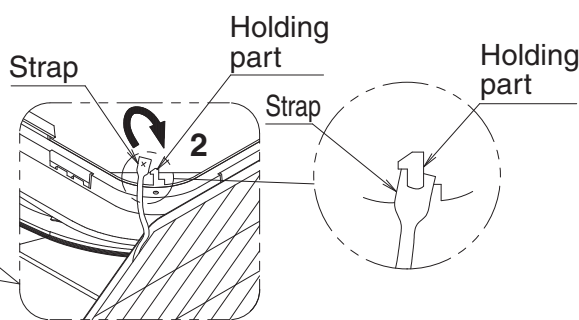


Fig. 11

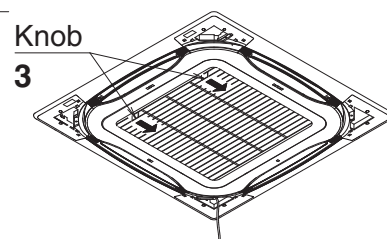
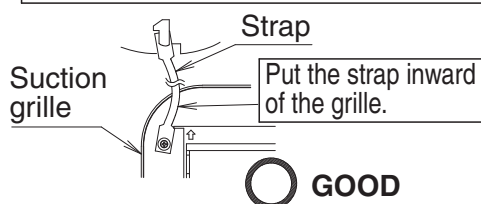


Fig. 12

NOTE

The straps may be caught when the suction grille is closed. Before closing the suction grille, ensure that the straps are not getting out from the side of the suction grille.

Before closing the suction grille, put the strap inward of the grille so that it does not get out of the grille.



6. INSTALLATION OF DECORATION COVER

Attach the corner section decoration covers.

- 1 Attach the strap of the corner section decoration cover to the pin of the decoration panel. **(Refer to Fig. 13)**
- 2 Install the corner section decoration cover over the decoration panel. **(Refer to Fig. 14)**

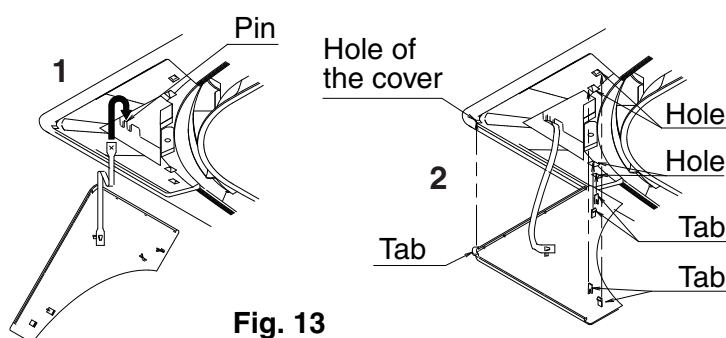


Fig. 13

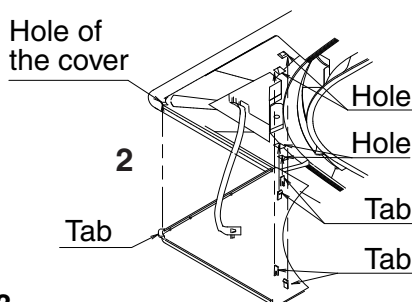
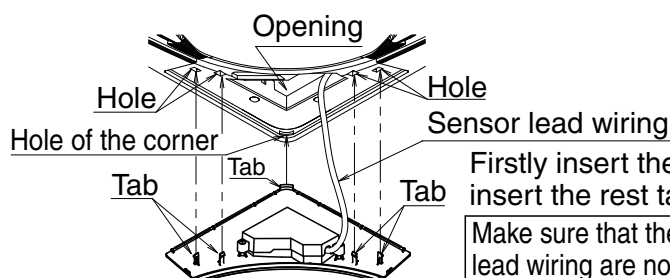


Fig. 14

Firstly insert the tab into the hole of the corner then insert the rest tabs into each hole (4 locations).

- 3 Attach the decoration cover for sensor part to the decoration panel. Then, store the sensor lead wiring inside of the ceiling through the opening.



Firstly insert the tab into the hole of the corner then insert the rest tabs into each hole (4 locations).

Make sure that the horizontal blade motor lead wiring and the sensor lead wiring are not caught between the control box and its lid.

