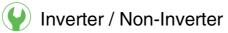




## 2.5/3.5 kW Class 9000/12000 Btu/h Class









# Service Manual Removal Procedure

## **Indoor Unit**

●Cooling Only FTKS09GV2S FTKS12GV2S

FTN25HV1A FTN35HV1A Heat Pump

CTXS25HVLD CTXS35HVLD

FTXS25HV2CW FTXS25HV2CW FTXS25HV2CN FTXS25HV2CP

FTXS35HV2CW FTXS35HV2CW FTXS35HV2CN FTXS35HV2CP

FTYN35HV1A

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• The illustrations may be slightly different depending on the model.

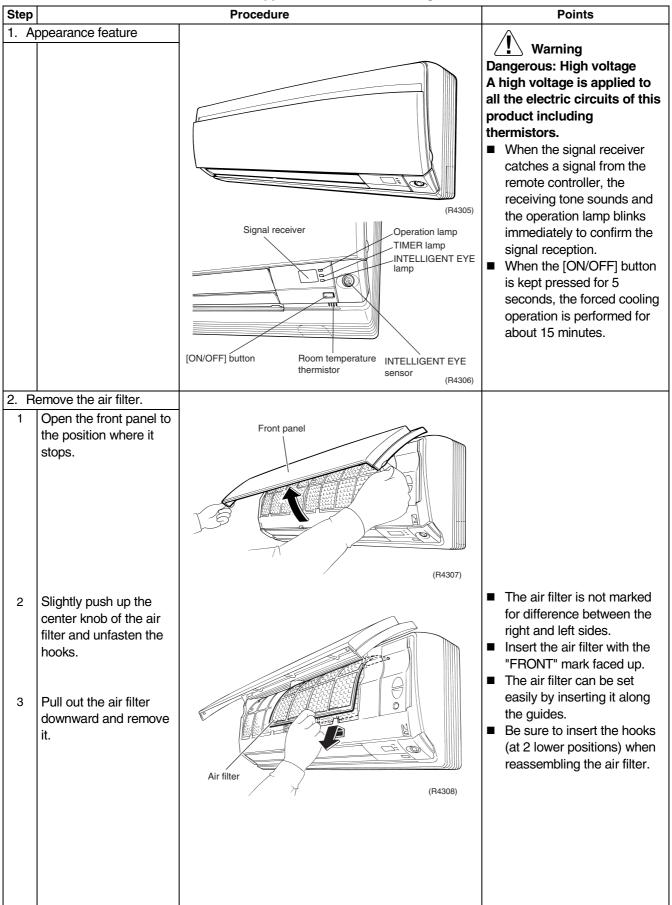
Removal of Air Filters Si04-951

### 1. Removal of Air Filters

#### **Procedure**



Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Si04-951 Removal of Air Filters

Step Procedure Points 3. Remove the Titanium ■ Some models have no apatite photocatalytic air-Titanium apatite purifying filters. photocatalytic air-purifying filter. The Titanium apatite photocatalytic air-The right and left filters are interchangeable. purifying filter ASSY is Air filter attached to the back of the air filter. Titanium apatite photocatalytic air-purifying filter ASSY (R4309) Remove the Titanium 2 apatite photocatalytic air-purifying filter ASSY by bending the air filter and releasing the projections from the air filter frame. Projection (R16029) Remove the Titanium apatite photocatalytic air-purifying filter from its frame (at 5 positions) by bending it. (R13174)

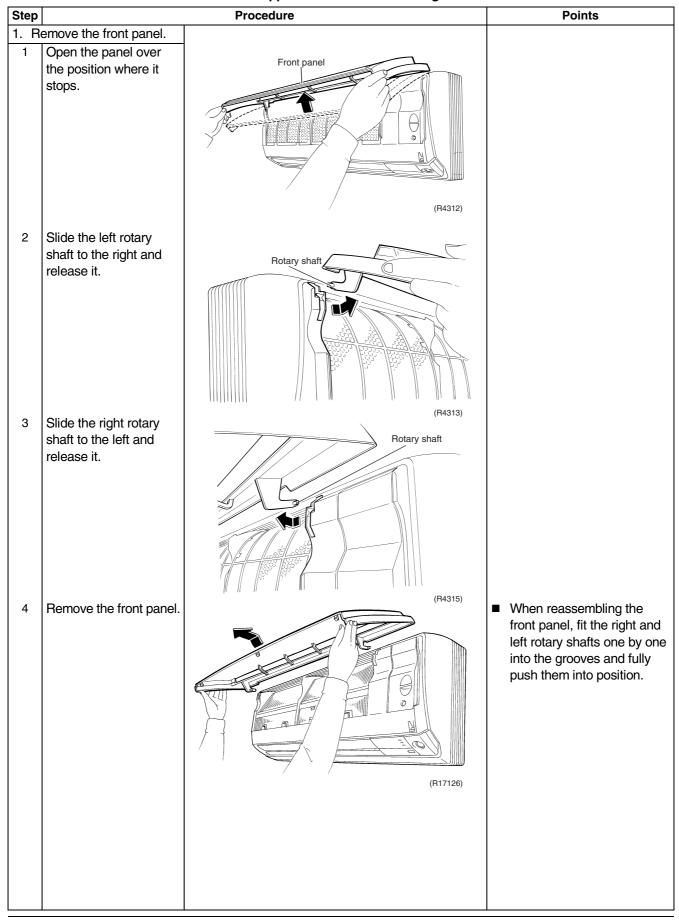
Removal of Front Panel Si04-951

### 2. Removal of Front Panel

#### **Procedure**

/ Warning

Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



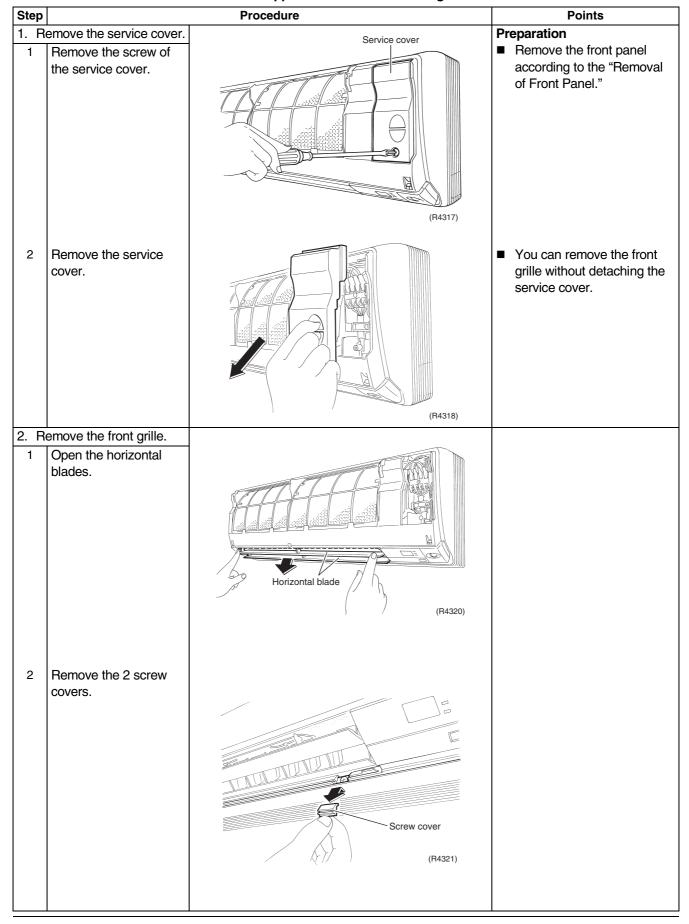
Si04-951 Removal of Front Grille

### 3. Removal of Front Grille

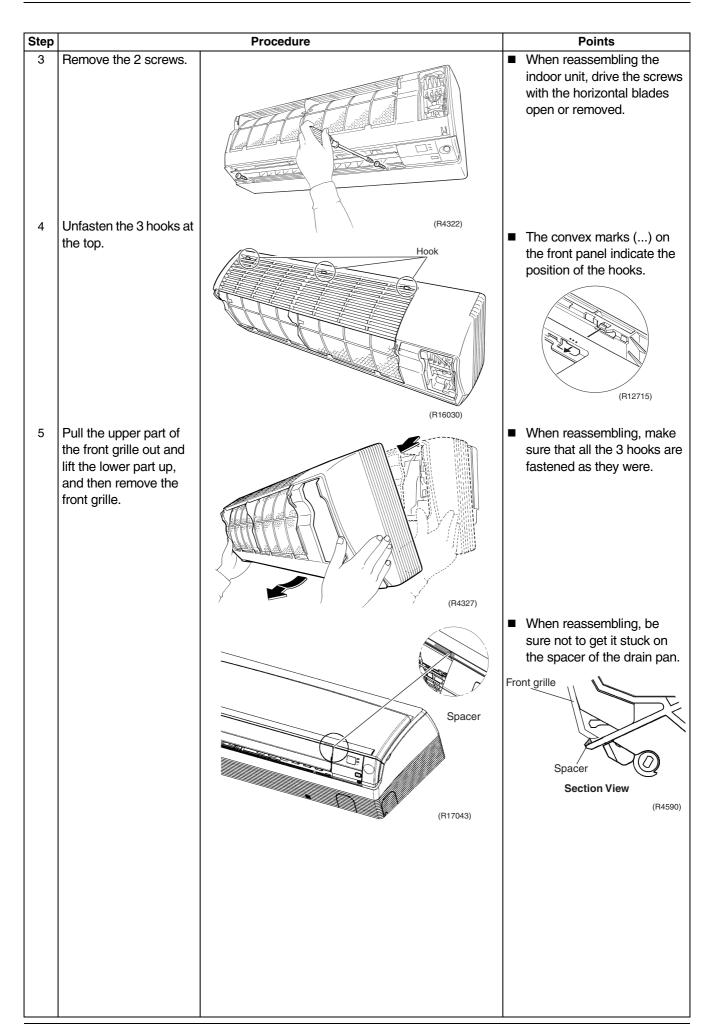
#### **Procedure**

**Warning** 

Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Removal of Front Grille Si04-951

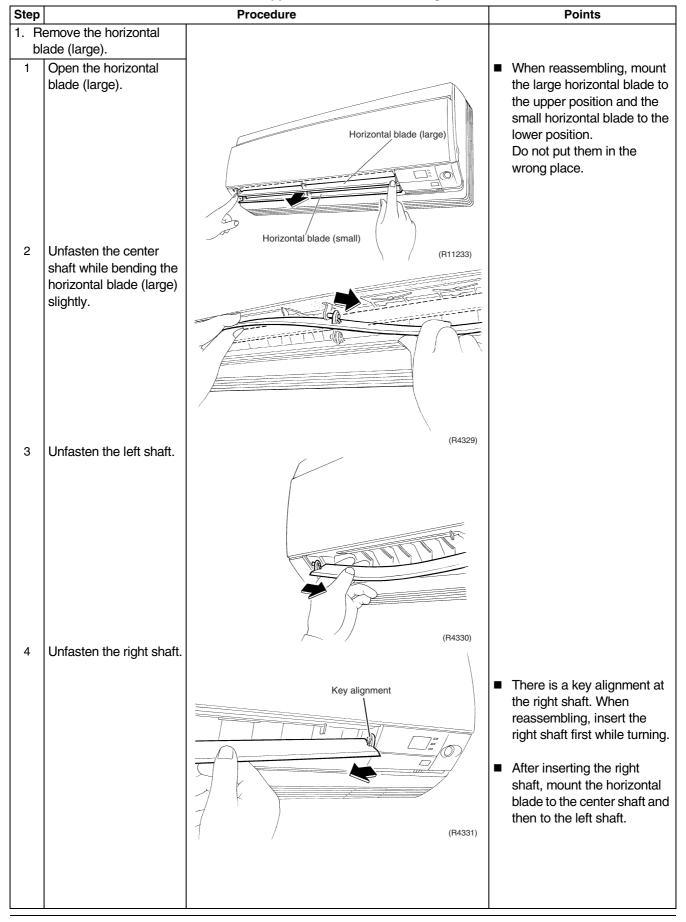


### 4. Removal of Horizontal Blades / Vertical Blades

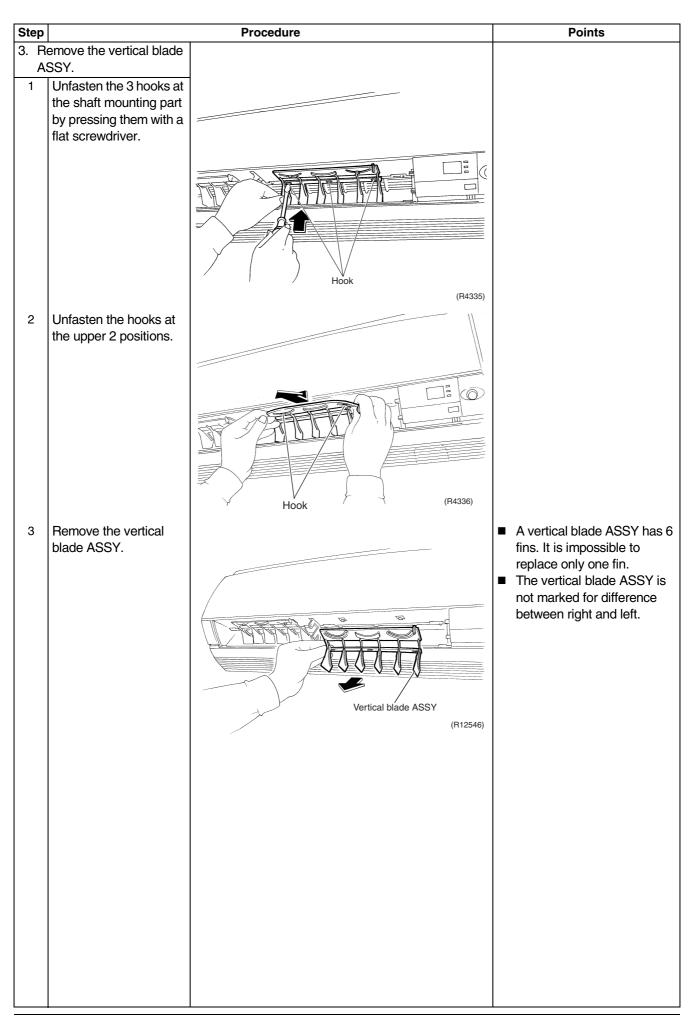
### **Procedure**

/ Warning

Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



| Step |  | Procedure                | Points   |
|------|--|--------------------------|--|
|      | emove the horizontal   |                          |  |
| bl   | ade (small).   |                          |  |
| 1    | Unfasten the center shaft while bending the horizontal blade (small) slightly. |                          |  |
| 2    | Unfasten the left shaft.   | Horizontal blade (small) |  |
|      |  | (R12716)                 |  |
|      |  | Key alignment            |  |
| 3    | Unfasten the right shaft.  | Rey alignment            | <ul> <li>There is a key alignment at the right shaft. When reassembling, insert the right shaft first while turning.</li> <li>After inserting the right shaft, mount the horizontal blade to the center shaft and then to the left shaft.</li> </ul> |
|      |  | (R4334)                  |  |
|      |  |                          |  |



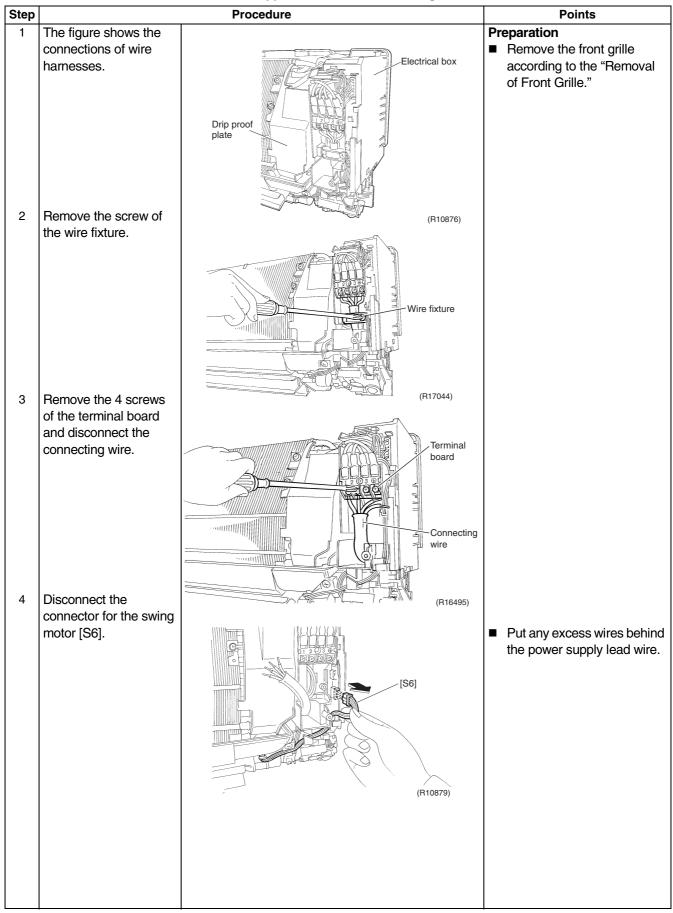
Removal of Electrical Box Si04-951

### 5. Removal of Electrical Box

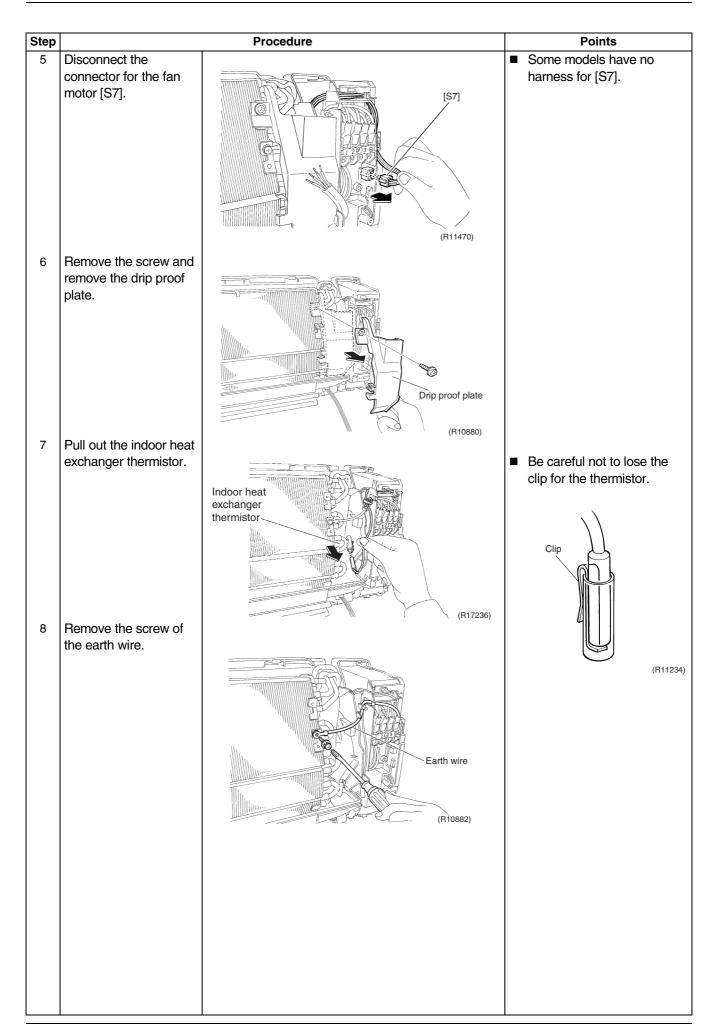
#### **Procedure**

Warning

Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Si04-951 Removal of Electrical Box



Removal of Electrical Box Si04-951

| Step |  | Procedure               | Points  |
|------|--|-------------------------|---|
| 9    | Remove the screw of the electrical box.  | Electrical box  (R4346) |   |
| 10   | Lift up and pull the electrical box.   |                         | ■ There is a hook also at the   |
| 11   | Unfasten the hook at the upper far side by pressing it from above.             | (R10884)                | lower part of the back. When reassembling the electrical box, make sure that it is securely fastened. |
| 12   | Disconnect the connector for the fan motor [S1] and remove the electrical box. | [S1] (R10885)           |   |

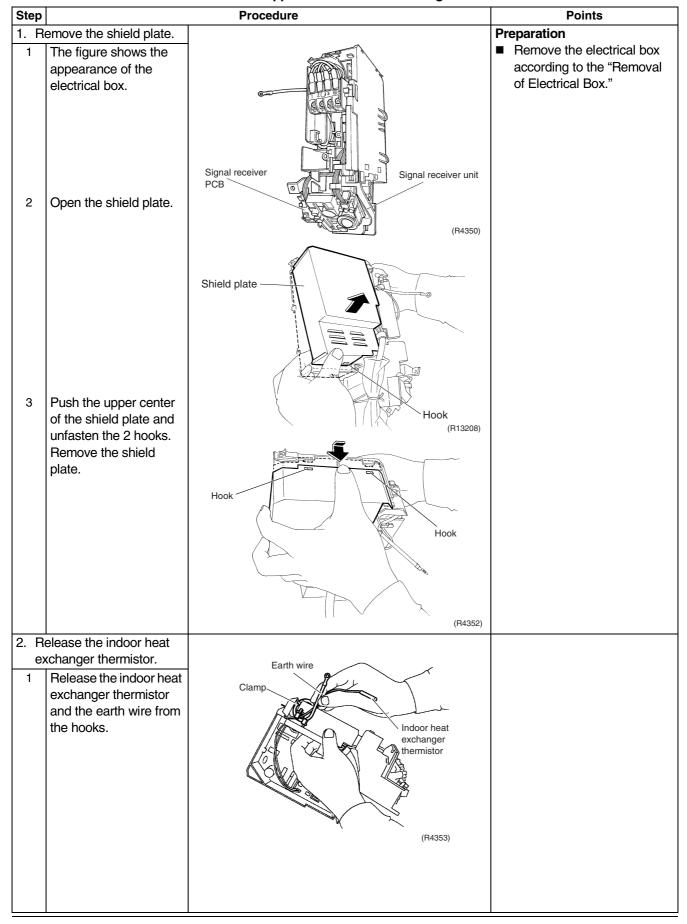
Si04-951 Removal of PCBs

### 6. Removal of PCBs

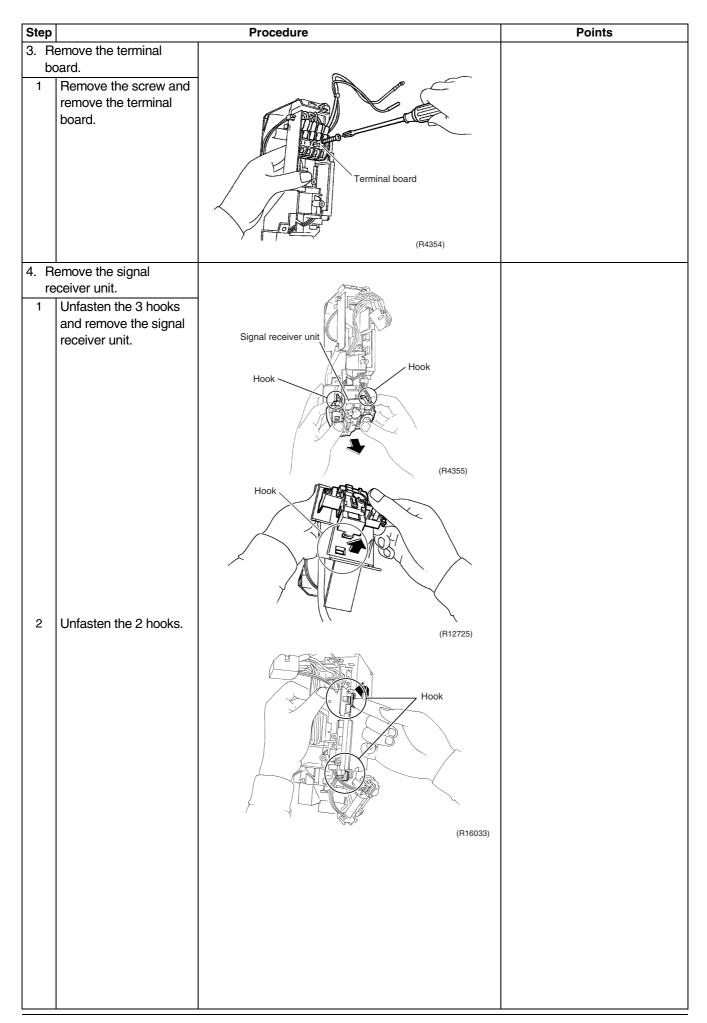
#### **Procedure**

/ Warning

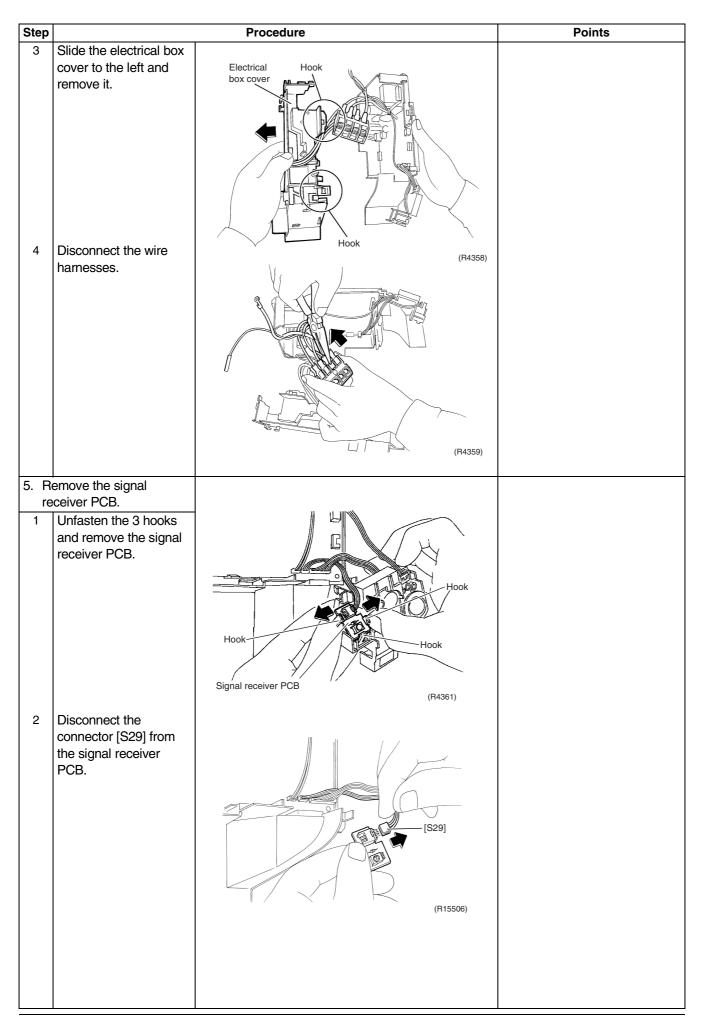
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Removal of PCBs Si04-951



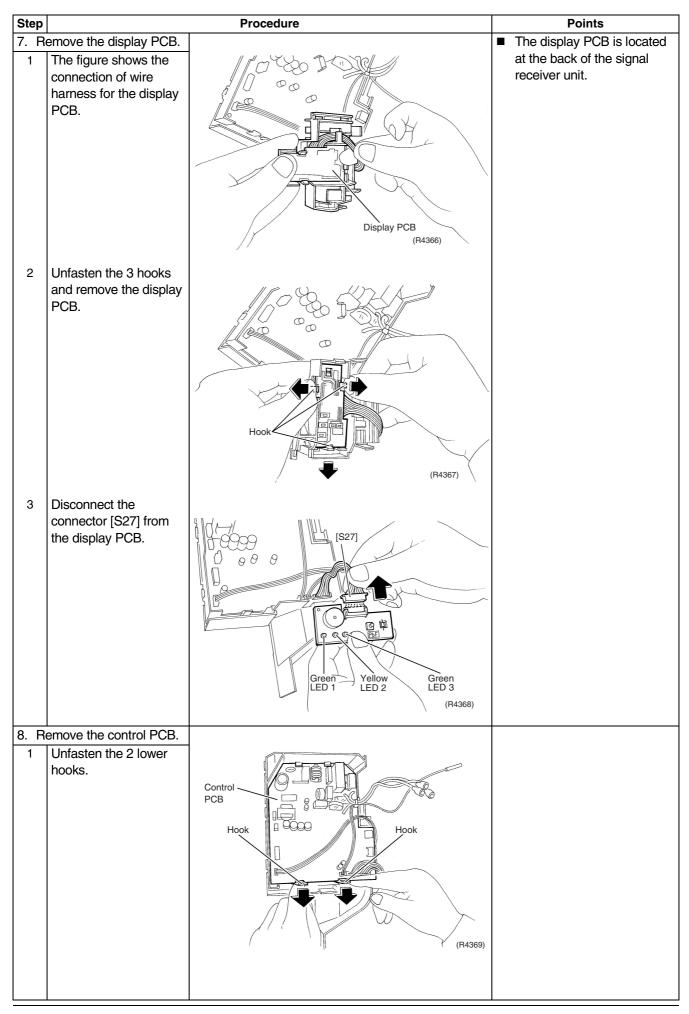
Si04-951 Removal of PCBs



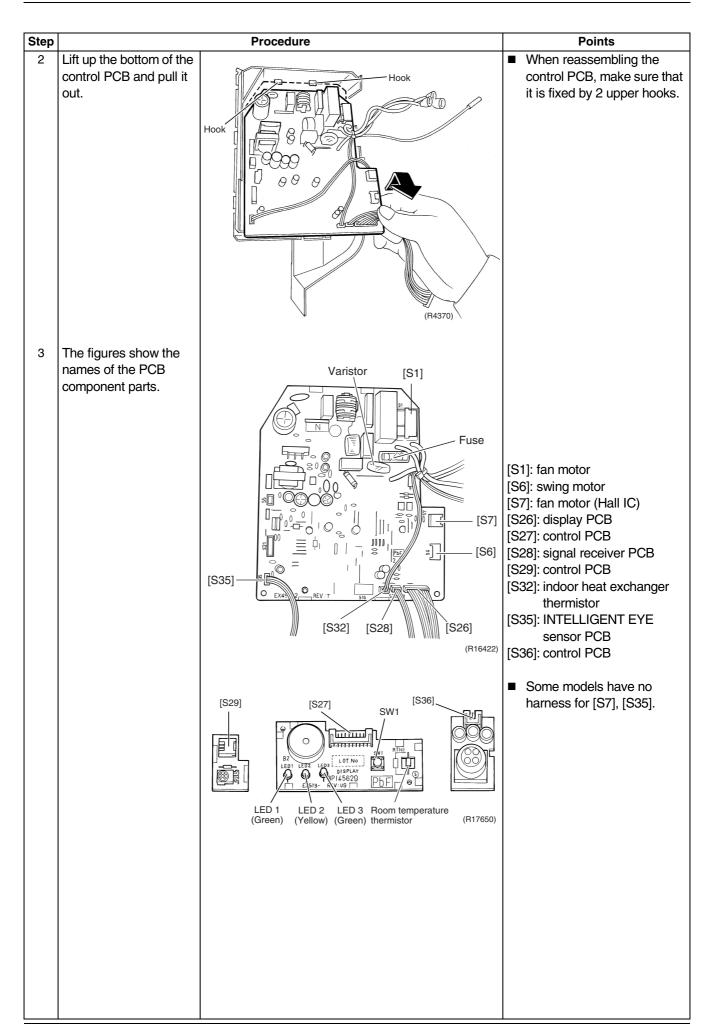
Removal of PCBs Si04-951

| Step |  | Procedure                             | Points  |
|------|--|---------------------------------------|---|
| IN   | emove the<br>ITELLIGENT EYE<br>ensor PCB.  |                                       | Some models have no INTELLIGENT EYE sensor PCB. |
| 1    | Remove the INTELLIGENT EYE fixing plate by twisting it.  | INTELLIGENT EYE fixing plate  (R4363) |   |
| 2    | Unfasten the right 3 hooks and remove the INTELLIGENT EYE sensor PCB. There are also 2 hooks on the left side. | INTELLIGENT EYE sensor PCB  (R4364)   |   |
| 3    | Disconnect the connector [S36] from the INTELLIGENT EYE sensor PCB.  | (R4365)                               |   |

Si04-951 Removal of PCBs



Removal of PCBs Si04-951

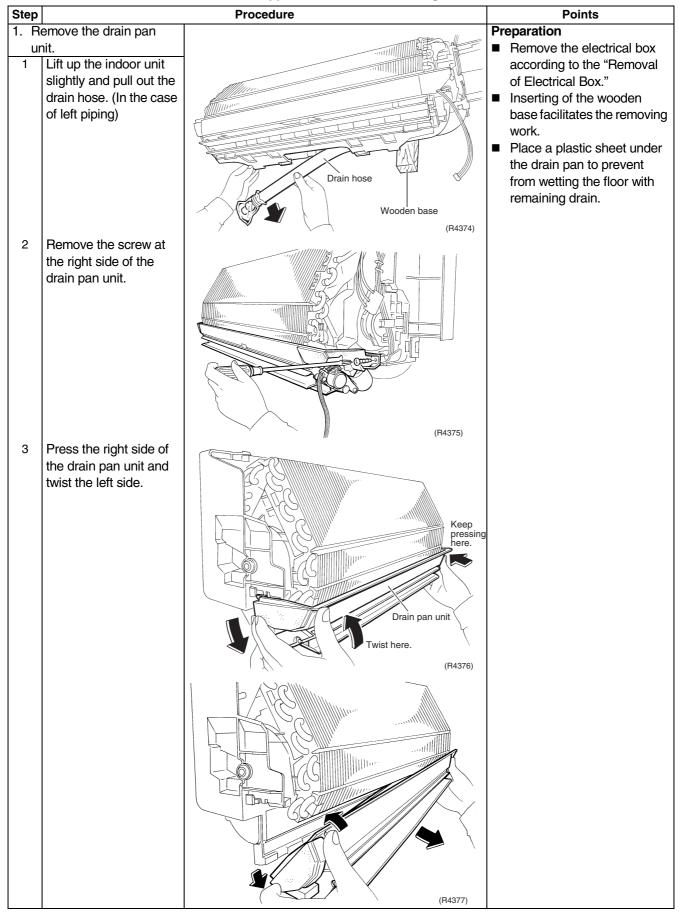


### 7. Removal of Drain Pan Unit / Swing Motor

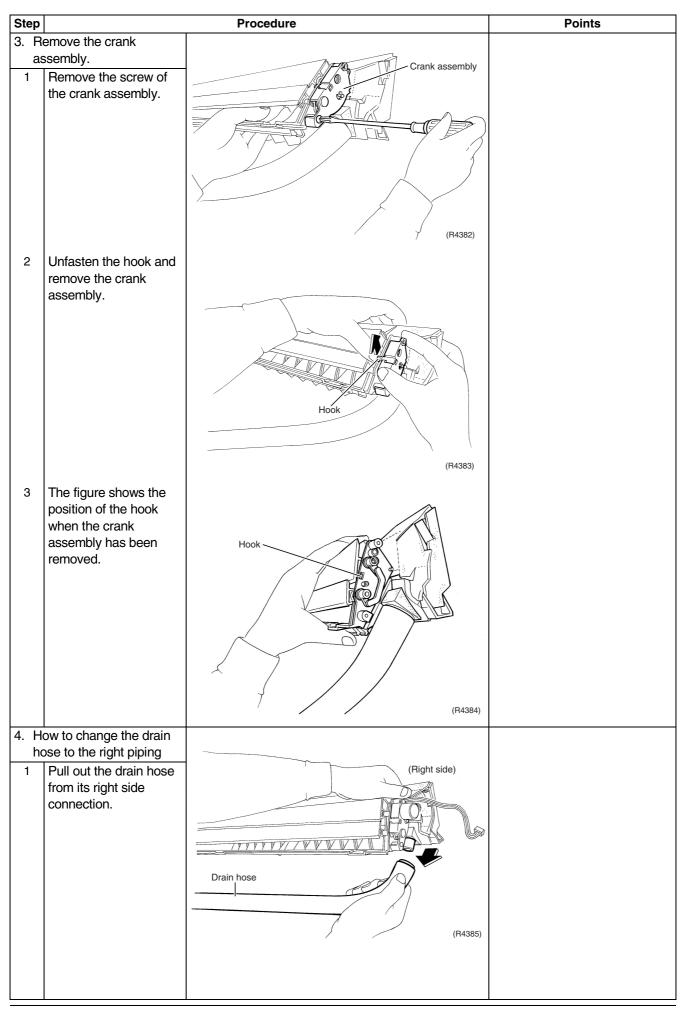
#### **Procedure**

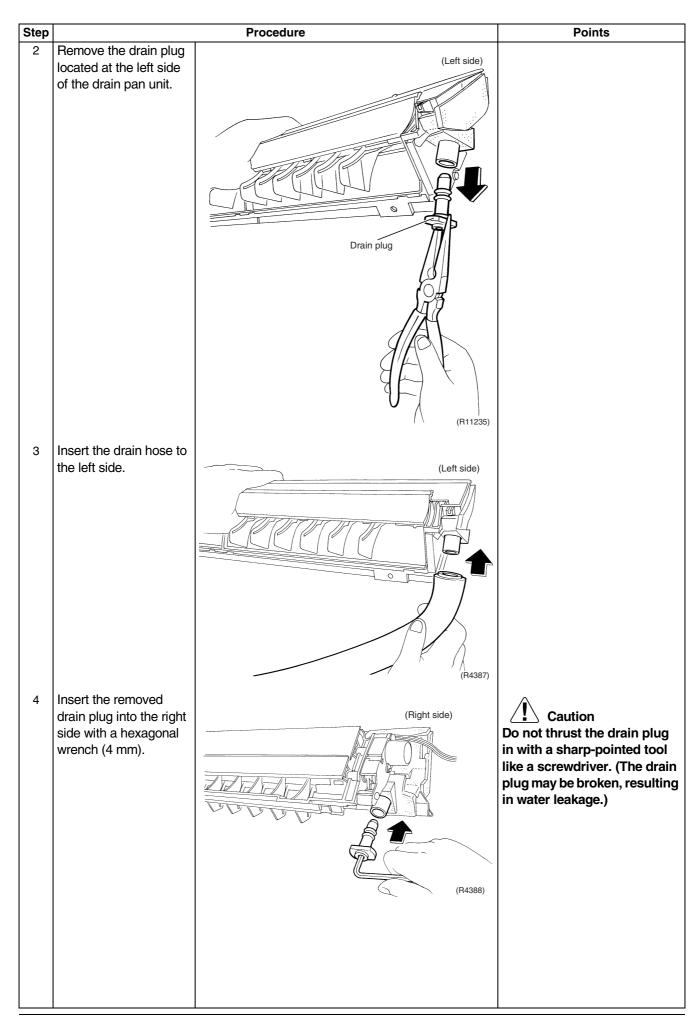
/ Warning

Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



| Step |   | Procedure            | Points   |
|------|---|----------------------|--|
| 4    | Remove the drain pan unit from the indoor unit.               | (R4378)              | FUILLO   |
|      |   | Hook (R4379)         | ■ When reassembling, make sure that the hook at the left side is fitted in the groove. |
| 2. R | Remove the swing motor.  Remove the screw of the swing motor. | Swing motor  (R4380) |  |
| 2    | Pull out the swing motor.                                     | (R4381)              |  |





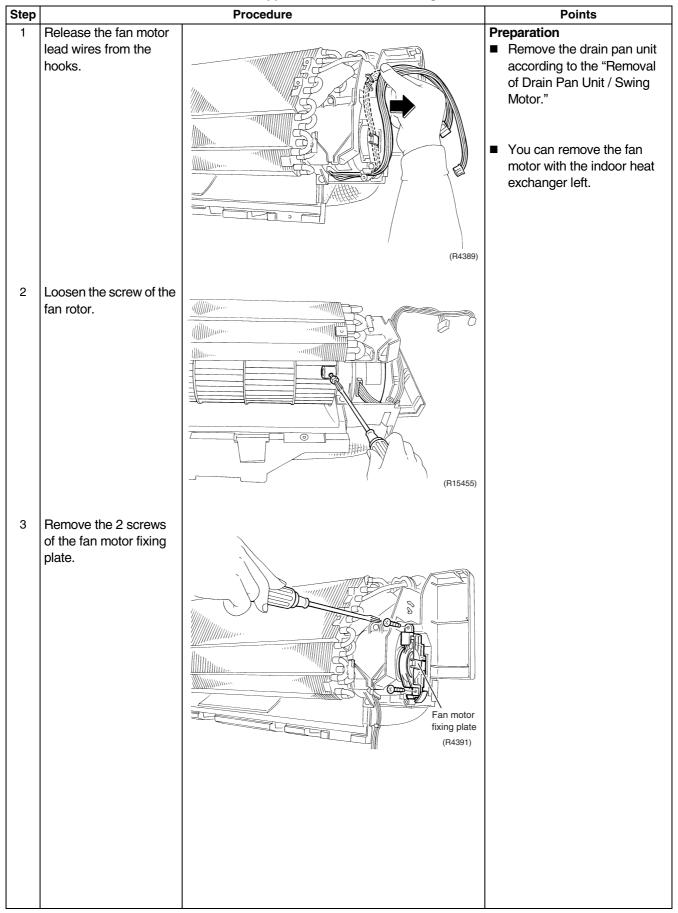
Si04-951 Removal of Fan Motor

### 8. Removal of Fan Motor

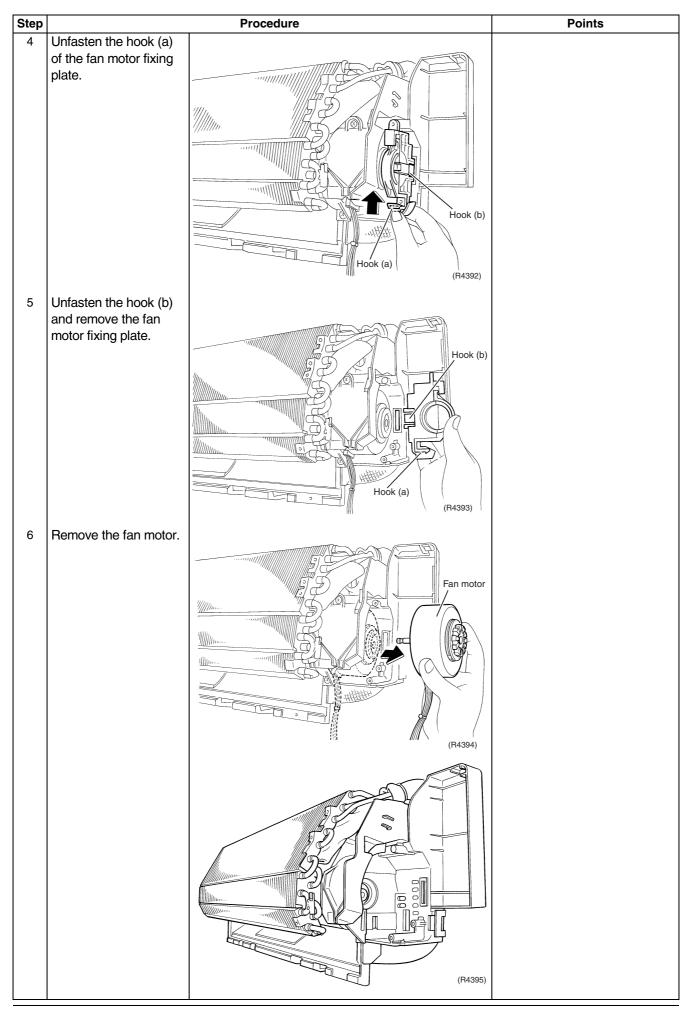
#### **Procedure**

/ Warning

Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



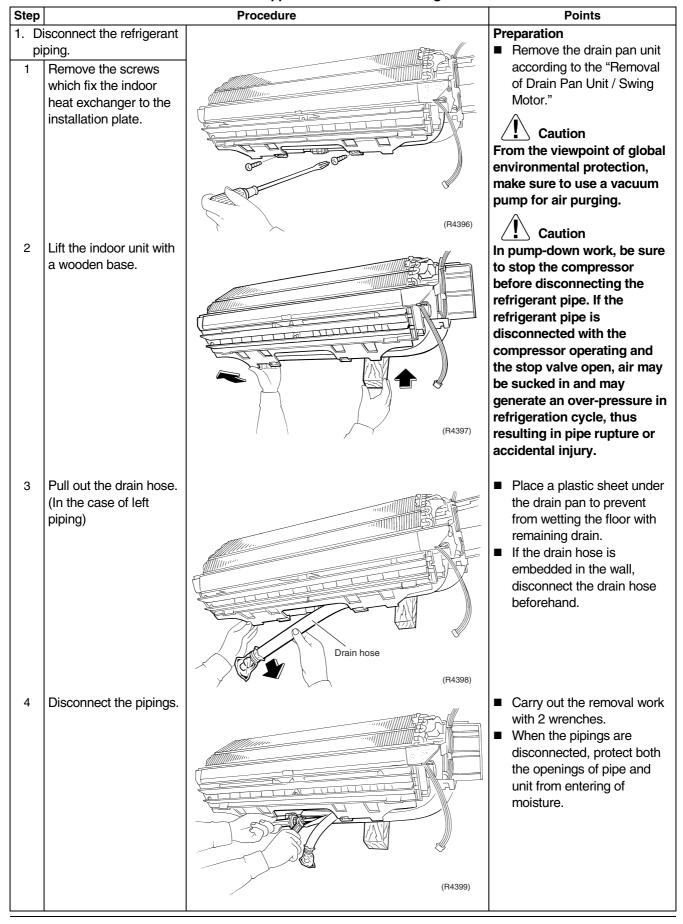
Removal of Fan Motor Si04-951

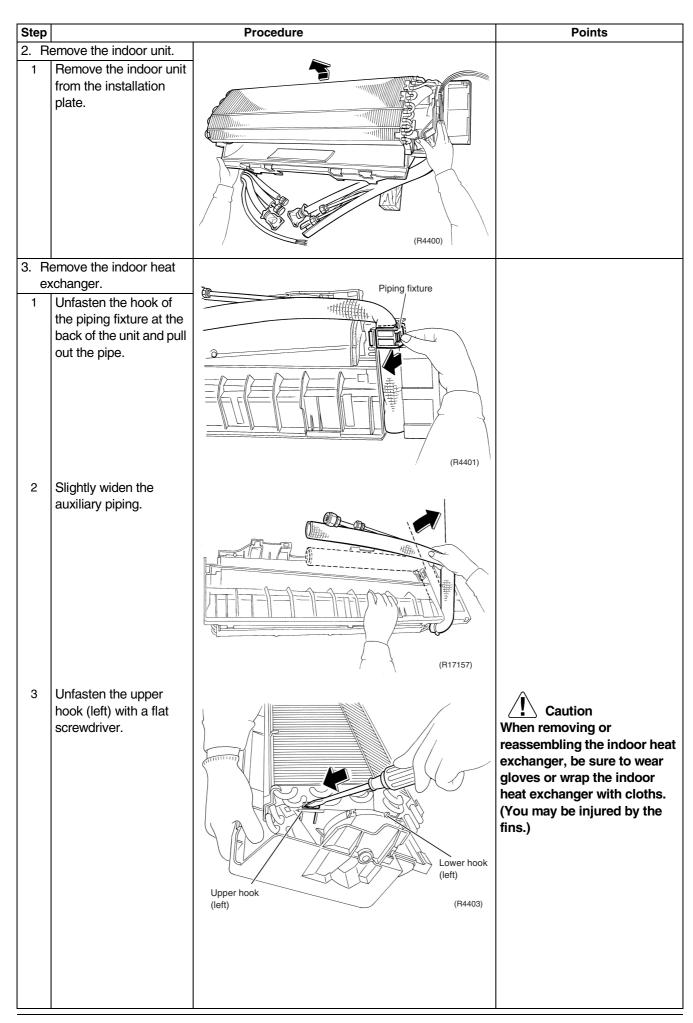


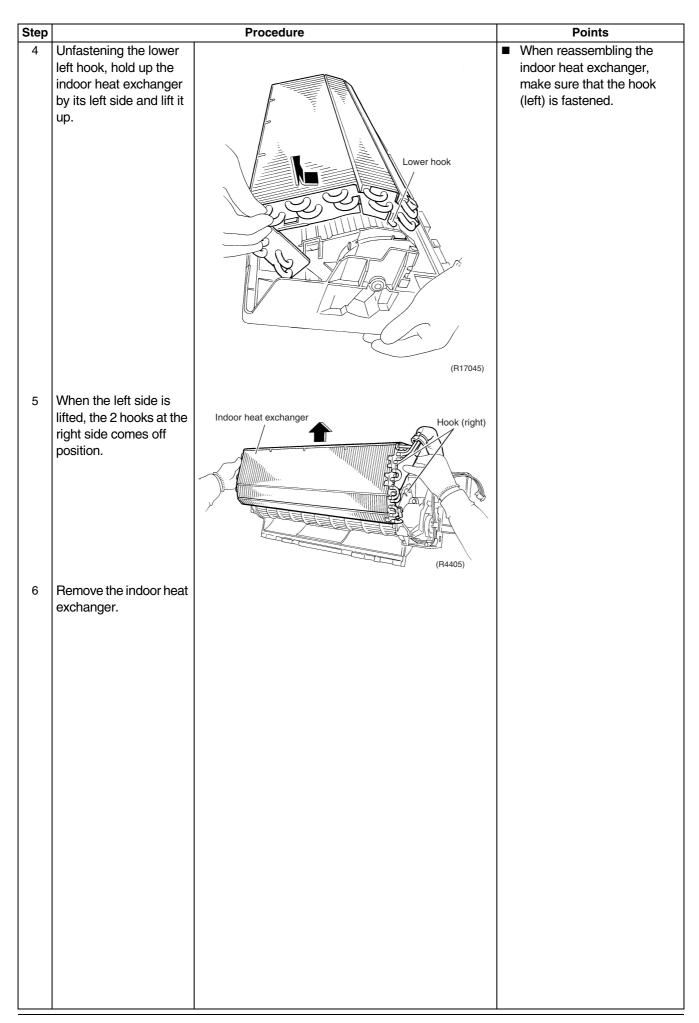
### 9. Removal of Indoor Heat Exchanger

#### **Procedure**

Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.







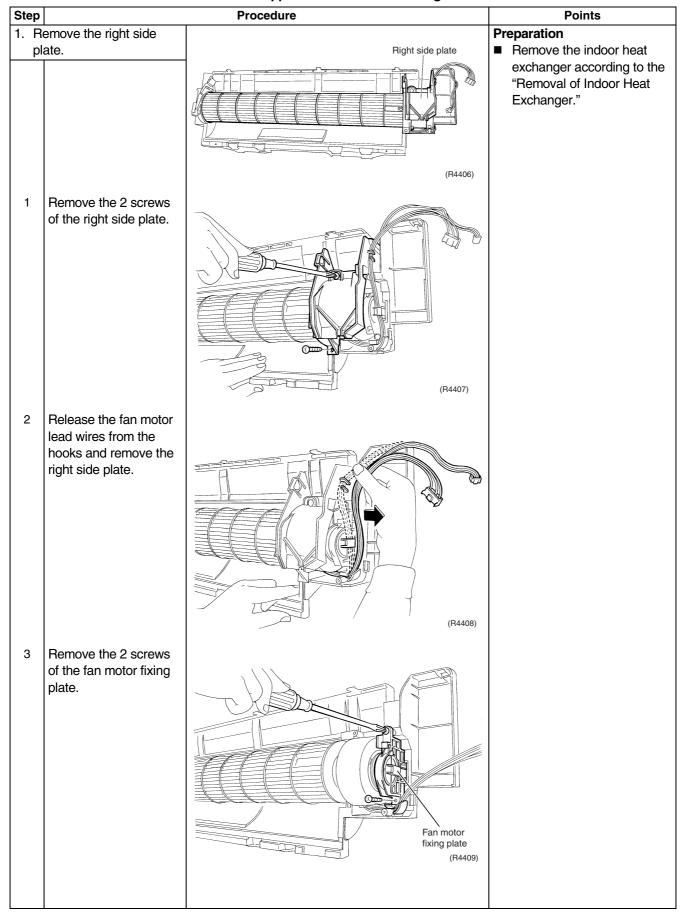
Removal of Fan Rotor Si04-951

### 10. Removal of Fan Rotor

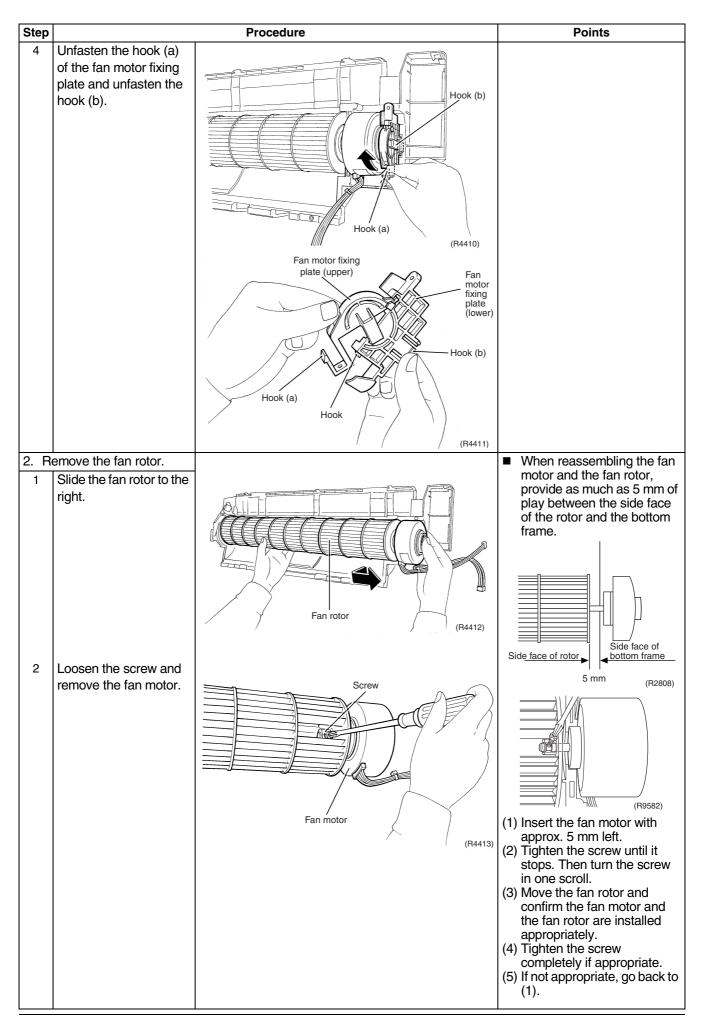
#### **Procedure**

/ Warning

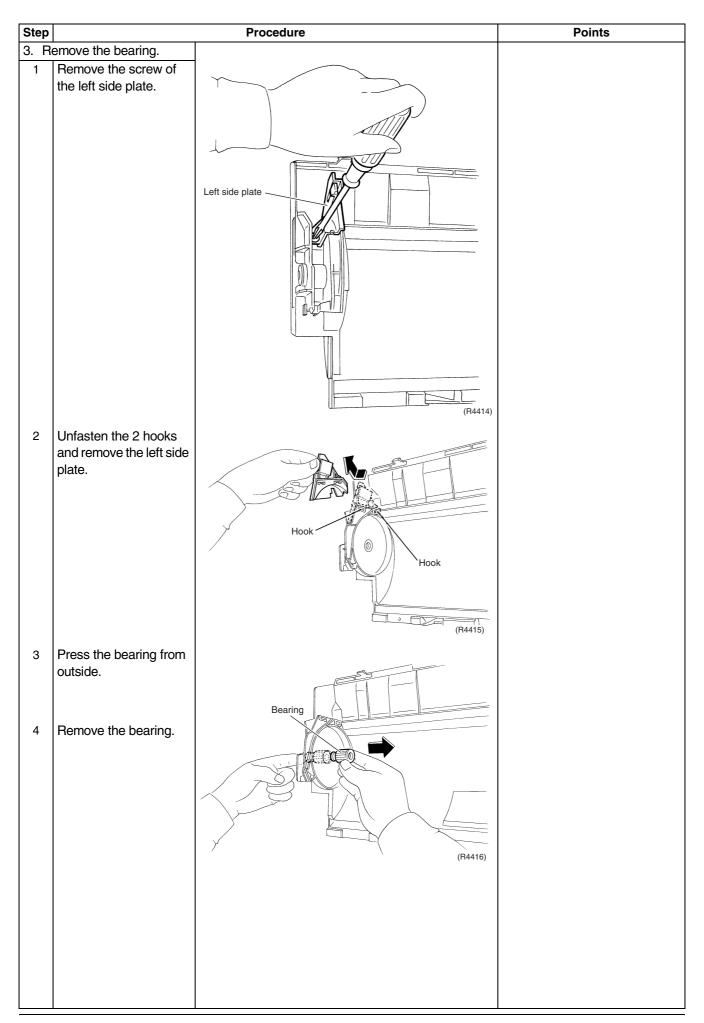
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Si04-951 Removal of Fan Rotor



Removal of Fan Rotor Si04-951



# **Revision History**

| Month / Year | Version  | Revised contents |
|--------------|----------|------------------|
| 02 / 2013    | Si04-951 | First edition    |



- Daikin products are manufactured for export to numerous countries throughout the world. Prior to purchase, please confirm with your local authorised importer, distributor and/or retailer whether this product conforms to the applicable standards, and is suitable for use, in the region where the product will be used. This statement does not purport to exclude, restrict or modify the application of any local legislation.
- Ask a qualified installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a qualified installer or contractor to install those parts and accessories. Use of unauthorised parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

If you have any enquiries, please contact your local importer, distributor and/or retailer.

### **Cautions on product corrosion**

- 1. Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
- 2. If the outdoor unit is to be installed close to the sea shore, direct exposure to the sea breeze should be avoided. If you need to install the outdoor unit close to the sea shore, contact your local distributor.

Dealer

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