

Si041140



## 2.0/2.5 kW Class



Inverter



Wall Mounted Type



## Service Manual Removal Procedure

# **Indoor Unit**

**Applicable Models** 

•Heat Pump FTXS20K2V1B FTXS25K2V1B

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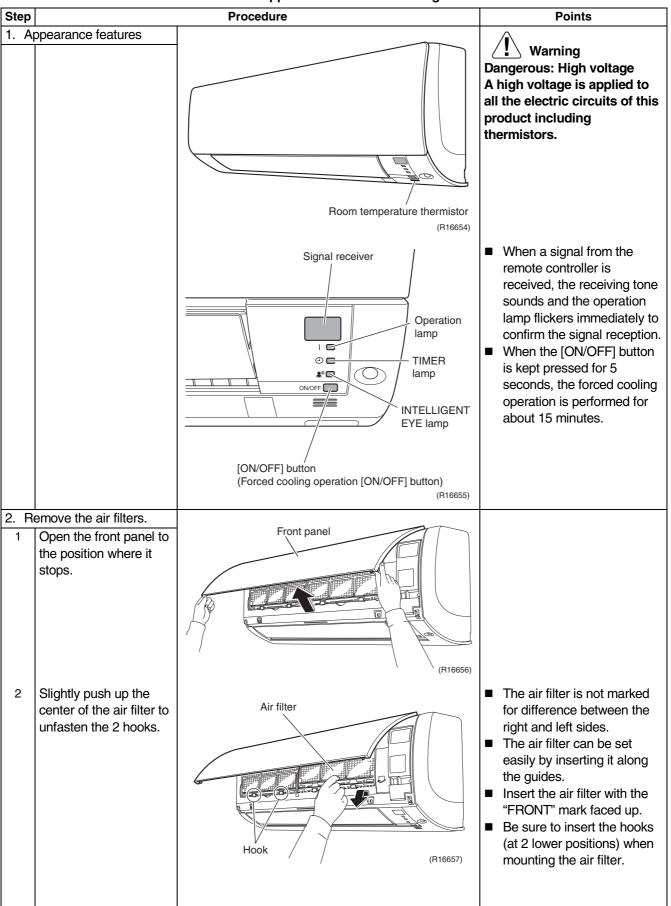
The illustrations may be slightly different depending on the model.

## 1. Removal of Air Filters



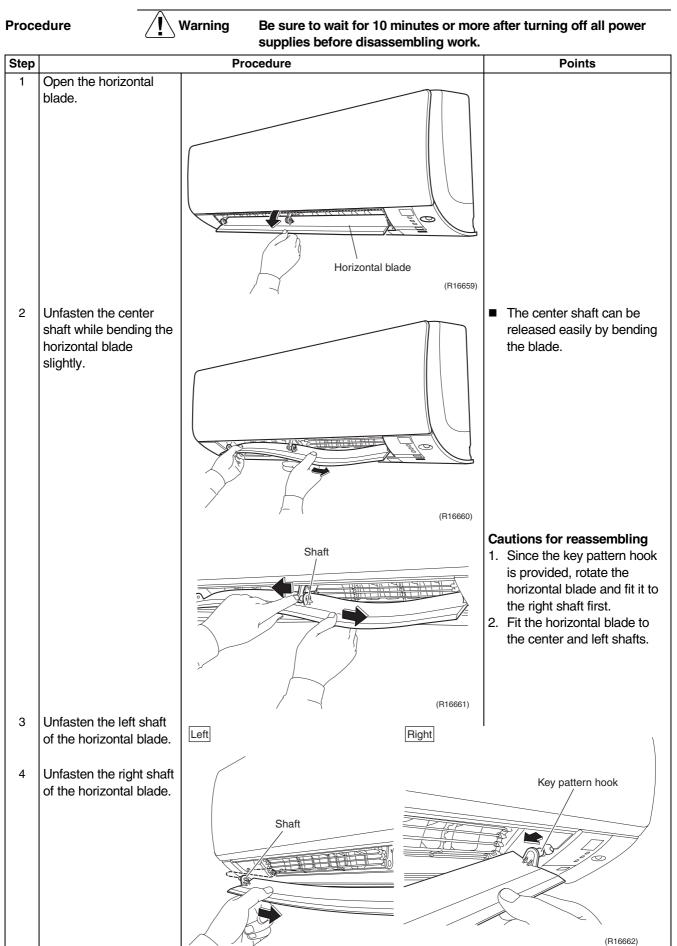
Warning

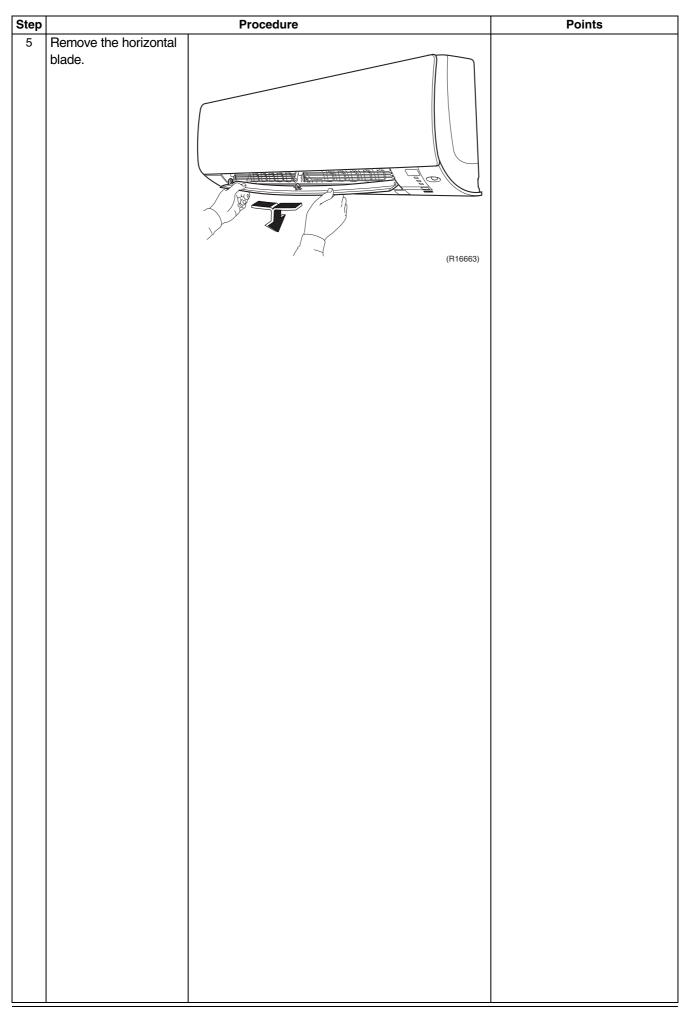
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



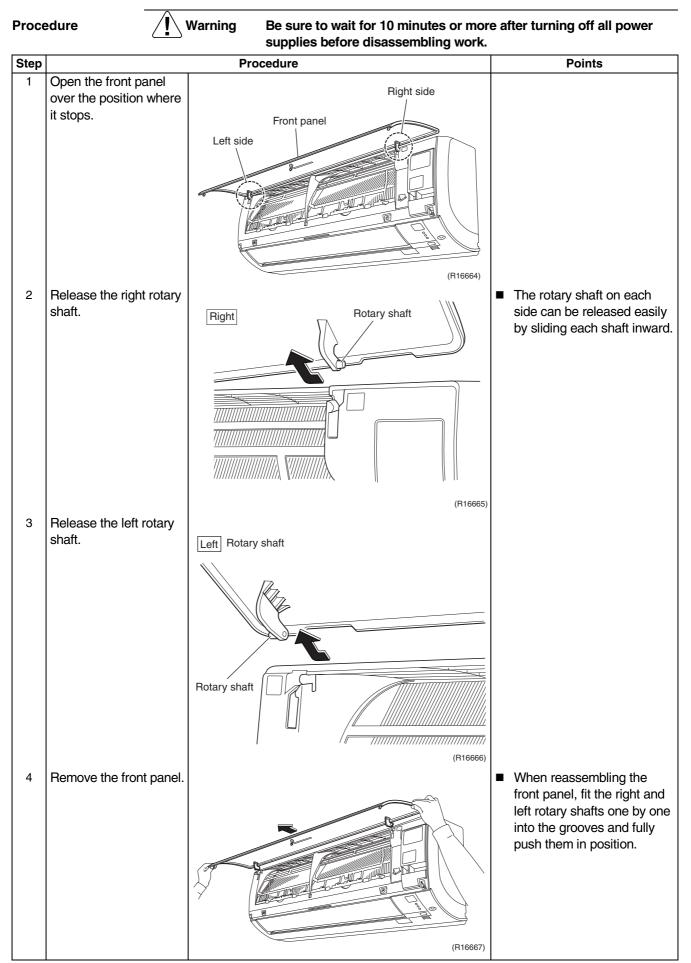
Step		Procedure	Points
3	Pull out the air filter downward and remove it.	(R16658)	
a	emove the Titanium patite photocatalytic		
i	r-purifying filters. The Titanium apatite photocatalytic air- purifying filter is attached to the back of the air filter.	Air filter Titanium apatite photocatalytic air-purifying filter (B8025)	
2	Remove the Titanium apatite photocatalytic air-purifying filter frame by bending the air filter and unfastening the projections from the air filter frame.	Projection         Image: Constrained of the second of th	
3	Remove the Titanium apatite photocatalytic air-purifying filter from its frame (at 5 positions) by bending it.	(R14599)	<ul> <li>To prevent the damage, do not remove the Titanium apatite photocatalytic air-purifying filter from the frame when cleaning it.</li> <li>The Titanium apatite photocatalytic air-purifying filter is not marked for difference between the right and left sides.</li> </ul>

#### 2. Removal of Horizontal Blade

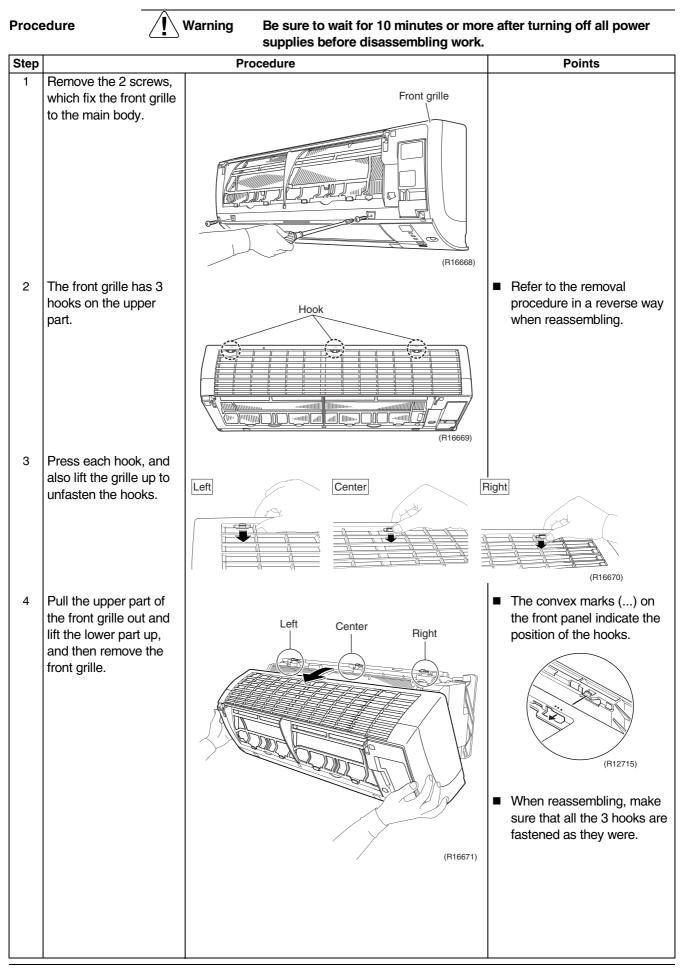




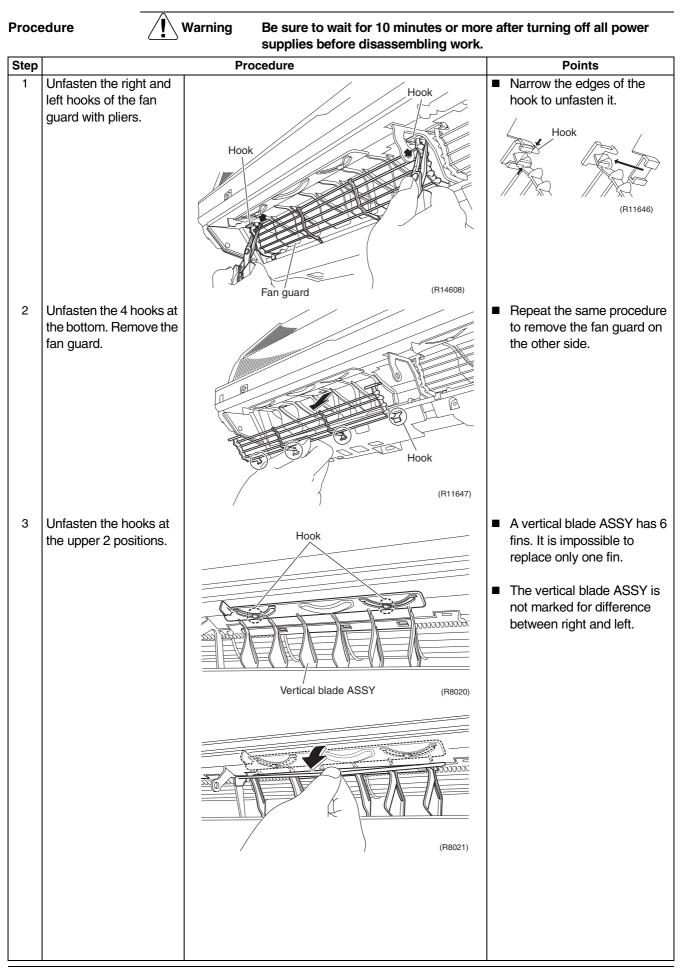
#### 3. Removal of Front Panel

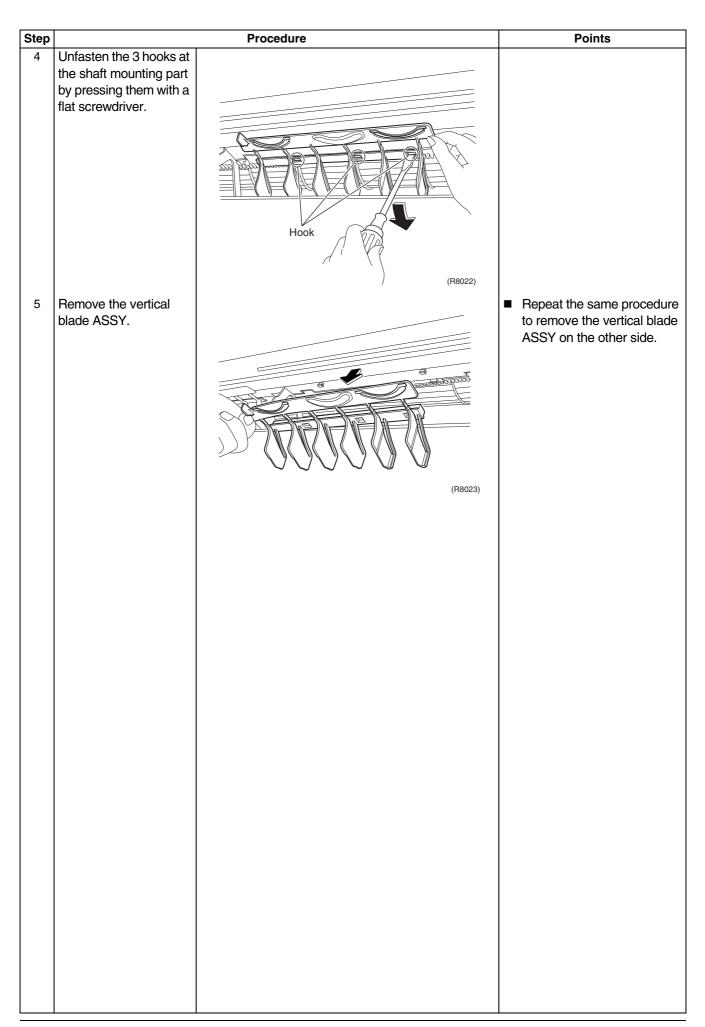


## 4. Removal of Front Grille

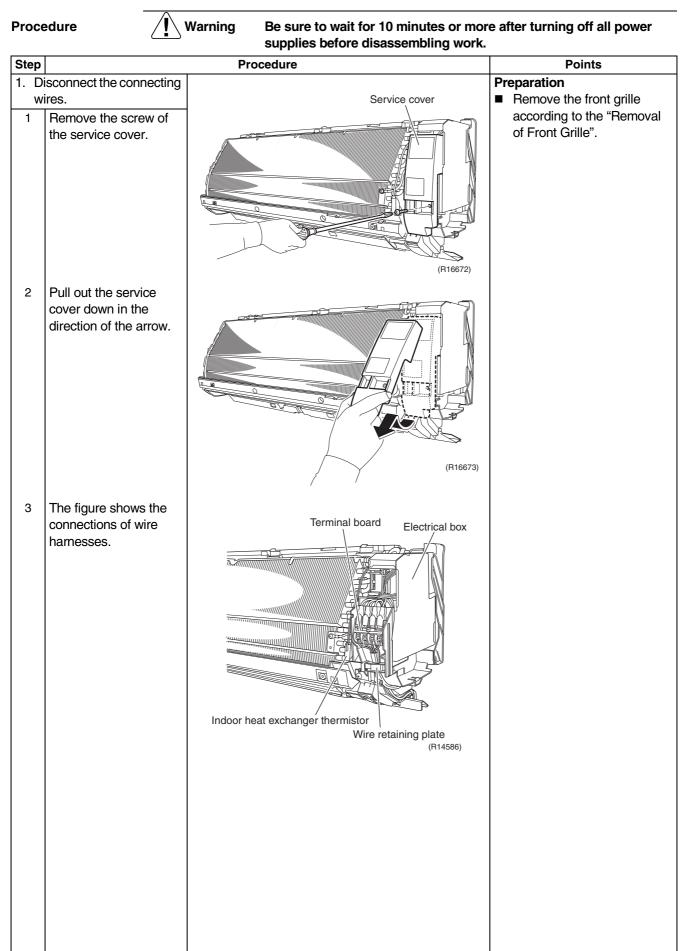


#### 5. Removal of Vertical Blade ASSYs

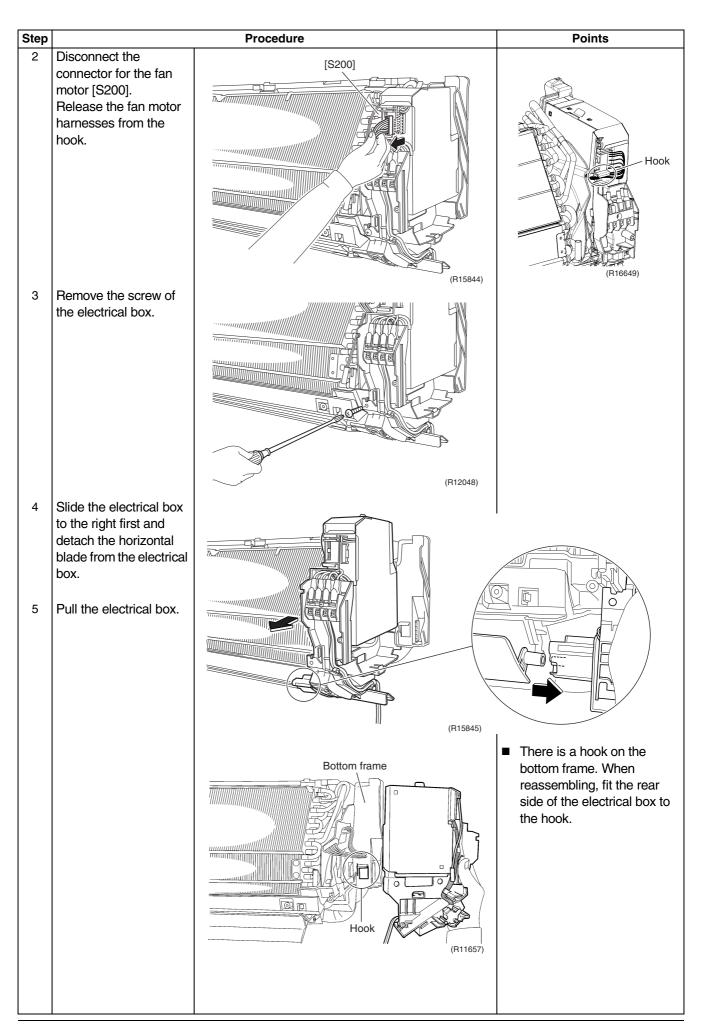




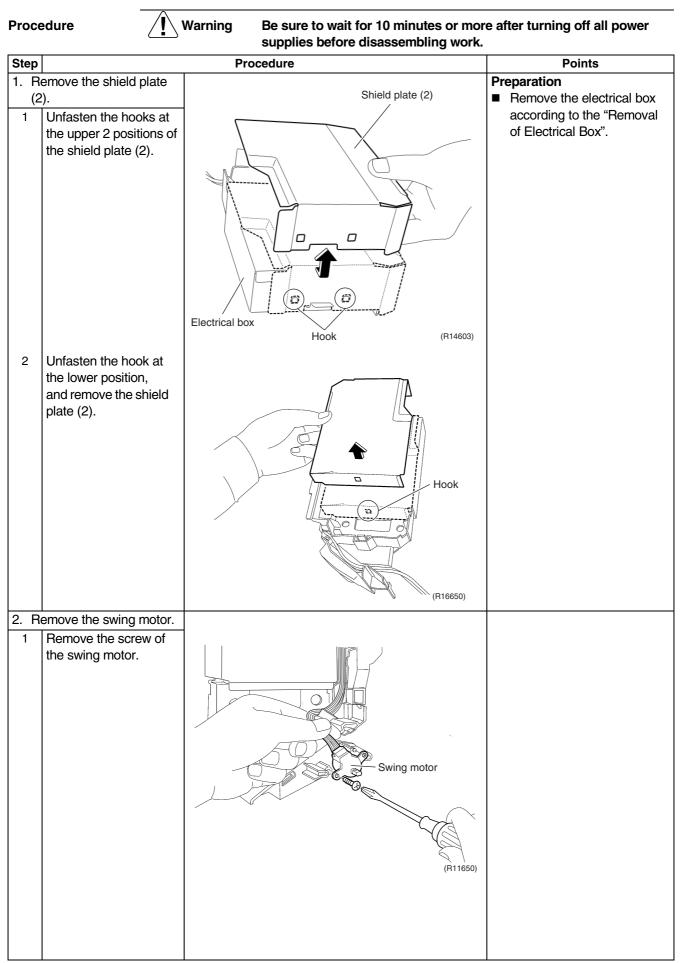
#### 6. Removal of Electrical Box

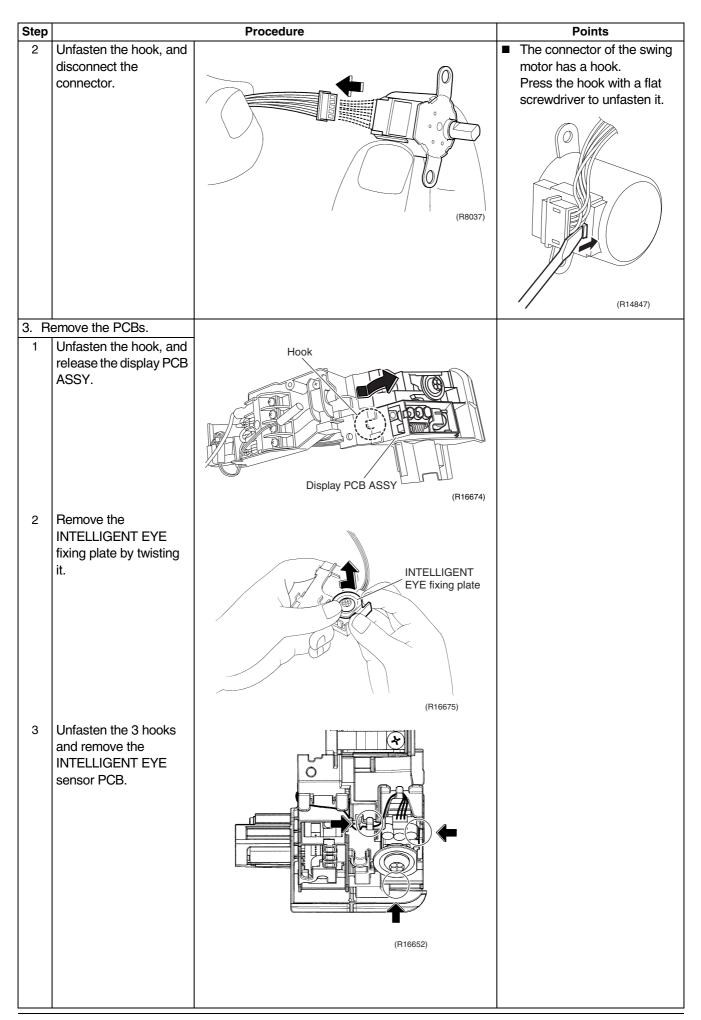


Step		Procedure	Points
4	Remove the screw of		
	the wire retaining plate.		
_		(R12044)	
5	Remove the screws of the terminal board and disconnect the connecting wires.	Terminal board Connecting wires (R11639)	<ul> <li>Connecting wires</li> <li>(1): black</li> <li>(2): white</li> <li>(3): red</li> <li>(⊥): yellow / green</li> </ul>
6	Pull out the indoor heat	Indoor heat exchanger thermistor	Take care not to lose the clip of thermistor.
	exchanger thermistor.	(R12045)	Clip Thermistor (R11268)
2. R	emove the electrical box.		
1	Remove the screw and release the earth wire.	Screw       Image: Constrained of the second o	



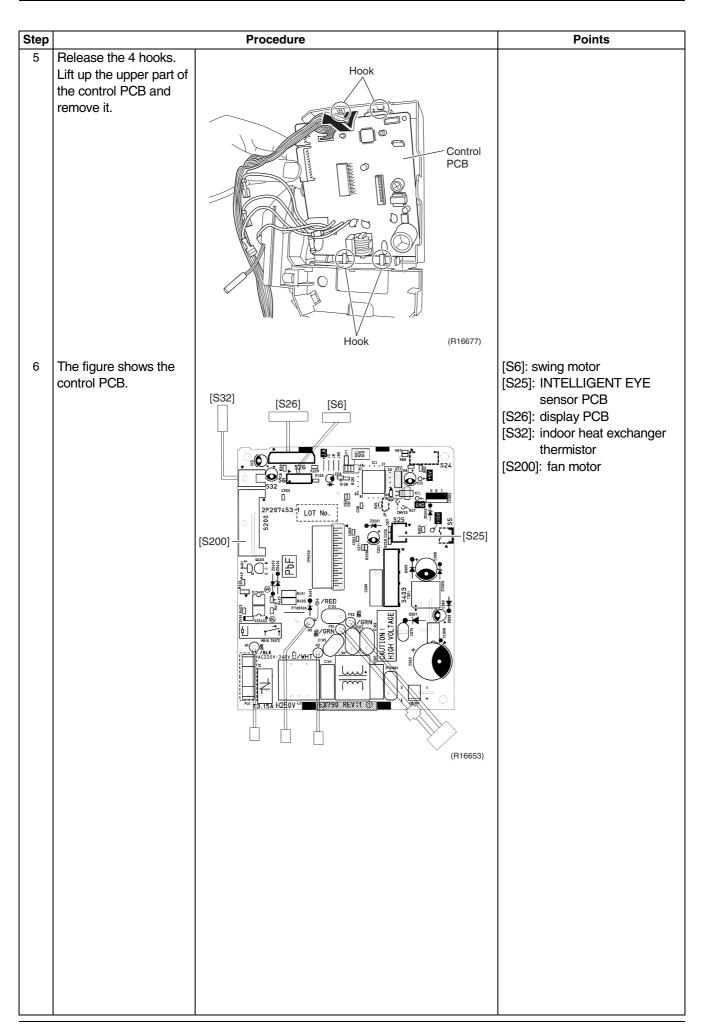
## 7. Removal of Swing Motor / PCBs



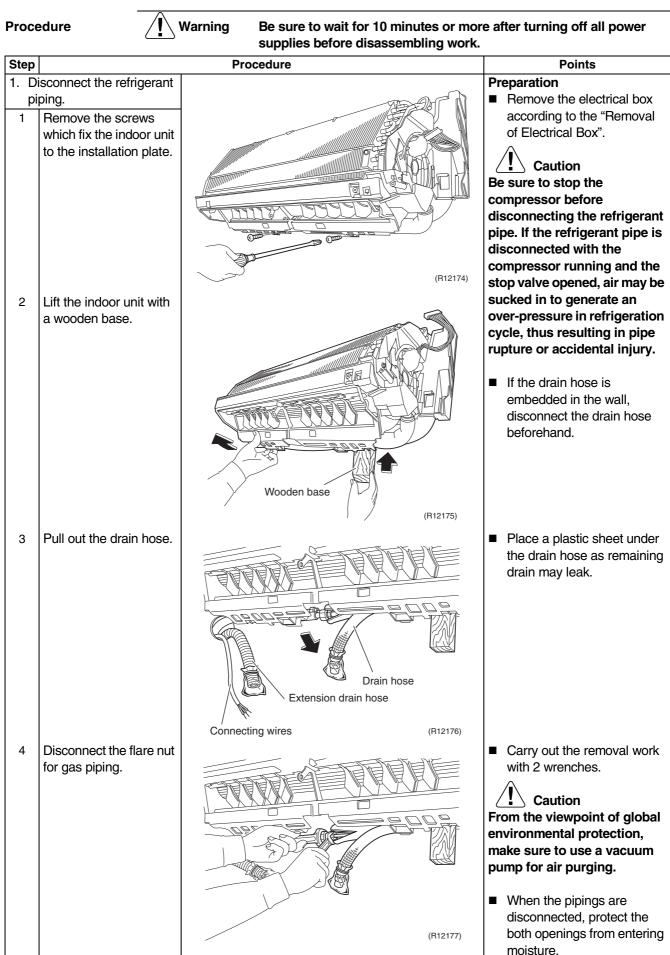


Step		Procedure	Points
4	Disconnect the		
	connector [S36] from the INTELLIGENT EYE sensor PCB.	[S36] (R16676)	
5	Turn over the display PCB ASSY, and unfasten the 3 hooks to remove the display PCB.	Opping PCB (ear side)Image: Contract of the stateImage: Co	
6	Disconnect the connector [S27] from the display PCB.		
7	The figure shows the component parts of the display PCB.	Image: Constraint of the sector of the sec	[S27]: for control PCB

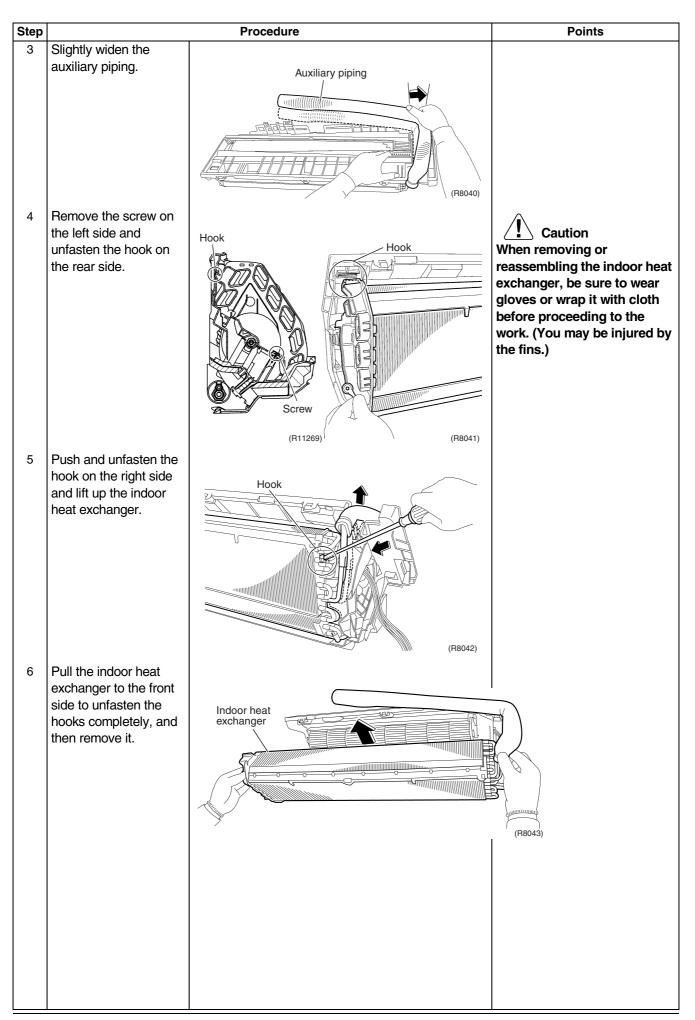
Step		Procedure	Points
	emove the control PCB.		
1	Lift the shield plate (1) and unfasten the 2 hooks.	Hook	
2	Slide the shield plate (1) and remove it.	(R12061)	
3	Release the harnesses from the hooks.	(F1202)	
4	Disconnect the terminals from the terminal board with pliers.		<ol> <li>1 : black, upper</li> <li>2 : white, lower</li> <li>3 : red, upper</li> <li> <ul> <li>green/yellow, upper</li> <li>green, lower</li> </ul> </li> </ol>



#### 8. Removal of Indoor Heat Exchanger

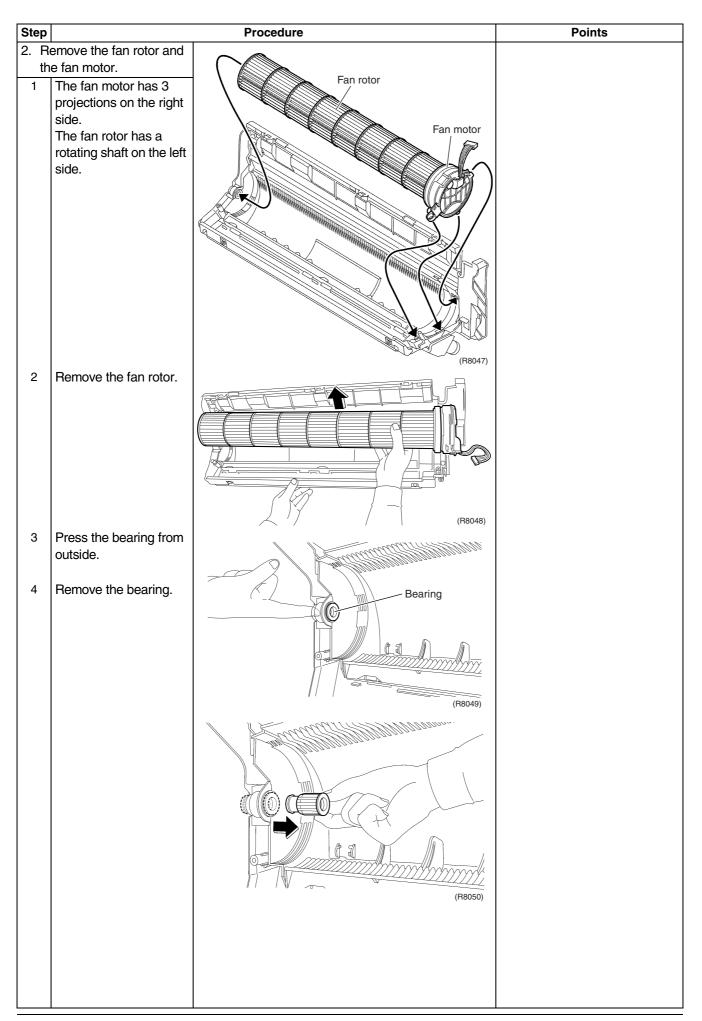


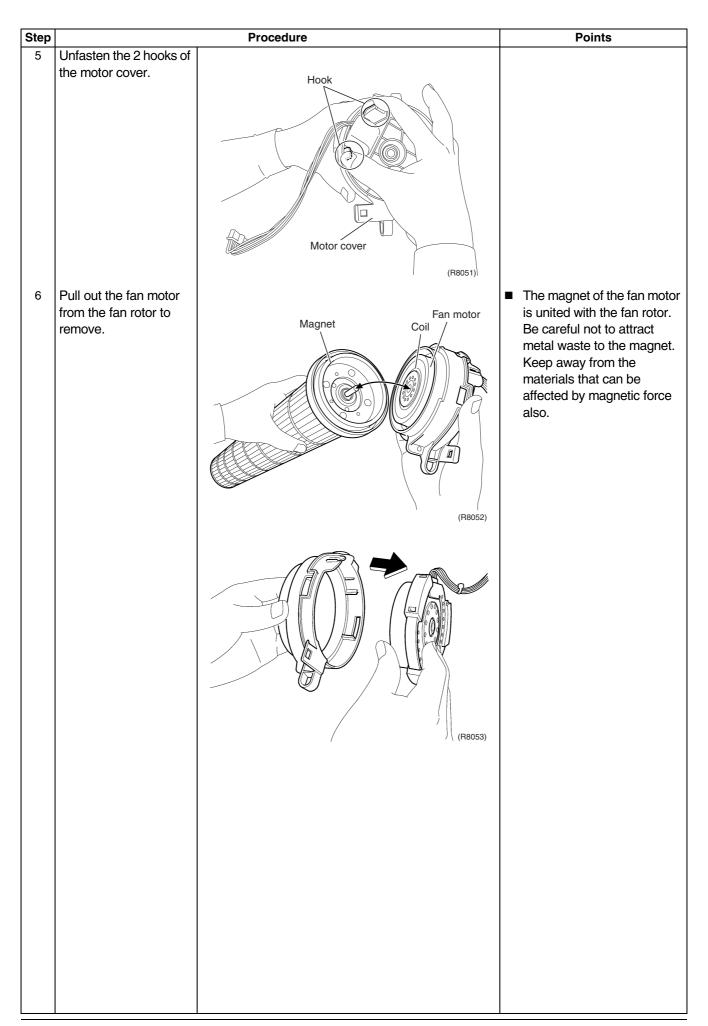
Step		Procedure	Points
5	Disconnect the flare nut		
	for liquid piping.		
		(R12178)	
	emove the indoor heat		
e> 1	changer. Remove the indoor unit from the installation plate.	Gas piping (B1219)	
2	Unfasten the hook of the piping fixture on the back of the indoor unit.	Auxiliary piping Piping fixtu	»
			(Re039)



#### 9. Removal of Fan Rotor / Fan Motor

Procedure Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work. Step Procedure Points 1. Remove the right side Preparation panel. Remove the indoor heat exchanger according to the 1 Remove the screw of "Removal of Indoor Heat the right side panel. Exchanger". Right side panel (R8044) 2 Unfasten the hook of the right side panel. Hook (R8045) 3 Remove the right side panel. (R8046)

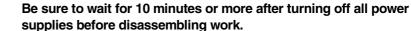


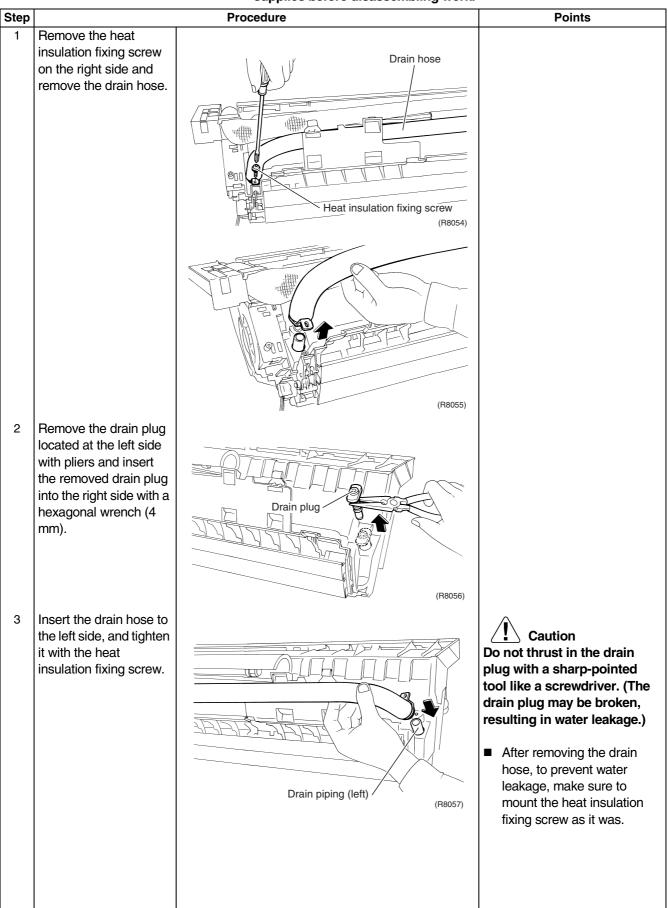


#### **10.Exchange of Piping Direction (Drain Hose)**

Warning

#### Procedure





#### **Revision History**

Month / Year	Version	Revised contents
08/2012	Si041140	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 DAIKIN INDUSTRIES, LTD. Head Office: Umeda Center Bldg., 2-4-12, Nakazaki-Nishi, Kita-ku, Osaka, 530-8323 Japan Tokyo Office: JR Shinagawa East Bldg., 2-18-1, Konan, Minato-ku, Tokyo, 108-0075 Japan http://www.daikin.com/global\_ac/ ©All rights reserved