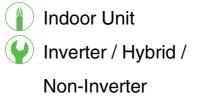




SERVICE WANUAL

2.0/2.5/3.0/3.5/4.2/4.6/5.0 kW Class 9000/12000/13000 Btu/h Class







Service Manual Removal Procedure

Indoor Unit

●Cooling Only		●Heat Pump	
AT09JV2S	FTKE09GV2S	ATXS25EV1B7	FTXS46GV2CW
AT13JV2S	FTKE12GV2S	ATXS35EV1B7 ATXS50EV1B7	FTXS46GV2C
FT09HV2S	FTKE25GV1	ETVD0EDV07	FTXS20GVLT
FT13HV2S	FTKE35GV1	FTXD25DV2Z FTXD35DV2Z	FTXS25GVLT FTXS35GVLT
FT25GV1G FT35GV1G	FTKS25DVM		FTXS42GVLT
F135GV1G	FTKS35DVM FTKS25EVMA	FTXD25DVMA FTXD35DVMA	FTXS20GVLT8
FTKD25DV2Z FTKD35DV2Z	FTKS35EVMA	ETYD2EE\/2CW	FTXS25GVLT8 FTXS30GVLT8
FIND35DV2Z	FTKS20GVLT	FTXD25FV2CW FTXD35FV2CW	FIX530GVLI6
FTKD25DVM FTKD35DVM	FTKS25GVLT FTKS35GVLT	FTXD25FV2C FTXD35FV2C	FTXS25GVMA FTXS35GVMA
FTKD35DVM FTKD25DVMA	FTKS42GVLT	FTXD35FV2C FTXD25FV2CN	FIXSSSGVINIA
FTKD35DVMA	FTKS20GVLT8	FTXD35FV2CN FTXD25FV2CG	FTYN25DV1A FTYN35DV1A
FTKD09GV2S	FTKS20GVLT8	FTXD25FV2CG FTXD35FV2CG	FITNOSDVIA
FTKD12GV2S	FTKS30GVLT8	FTXD25FV2CP FTXD35FV2CP	FTYN25GV1A FTYN35GV1A
FTKD25GVMA	FTKS25GVMA	FTXD25FV2CA	1111100001A
FTKD35GVMA	FTKS35GVMA	FTXD35FV2CA	
		FTXS25EVMA	
		FTXS35EVMA	
		FTXS25FV2CW	
		FTXS35FV2CW FTXS25FV2CN	
		FTXS35FV2CN FTXS25FV2CG	
		FTXS35FV2CG	
		FTXS25FV2CP FTXS35FV2CP	
		FTXS25FV2CA	
		FTXS35FV2CA	

Table of Contents

1.	Removal of Air Filters	2
2.	Removal of Front Panel	4
3.	Removal of Front Grille	5
4.	Removal of Horizontal Blades / Vertical Blades	7
5.	Removal of Electrical Box	10
6.	Removal of PCBs	13
7.	Removal of Drain Pan Unit / Swing Motor	19
8.	Removal of Fan Motor	23
9.	Removal of Indoor Heat Exchanger	25
).Removal of Fan Rotor	



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

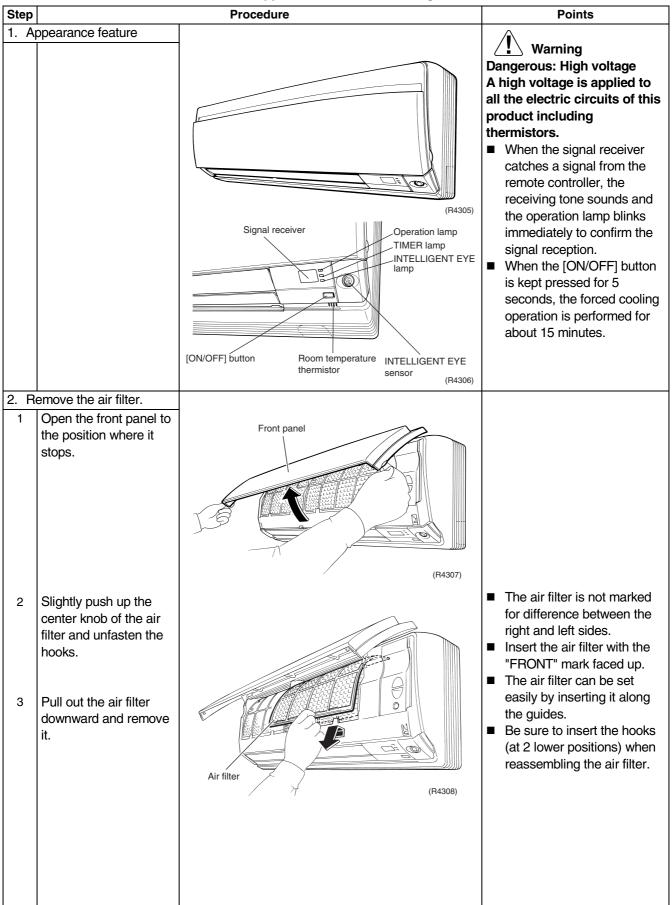
Removal of Air Filters Si04-851

1. Removal of Air Filters

Procedure

<u>∕</u> Warning

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



Si04-851 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)

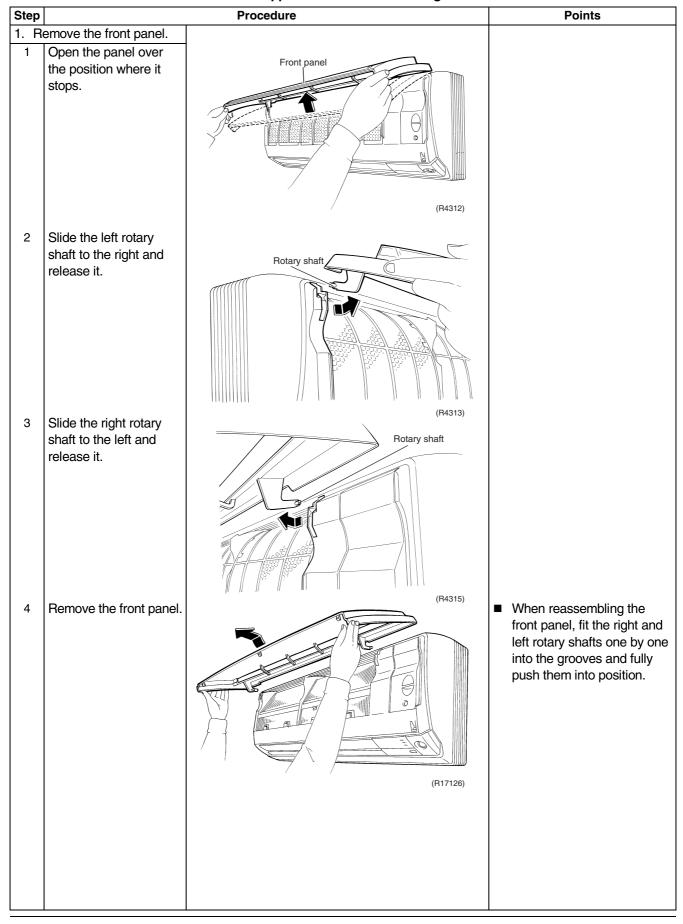
Removal of Front Panel Si04-851

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.



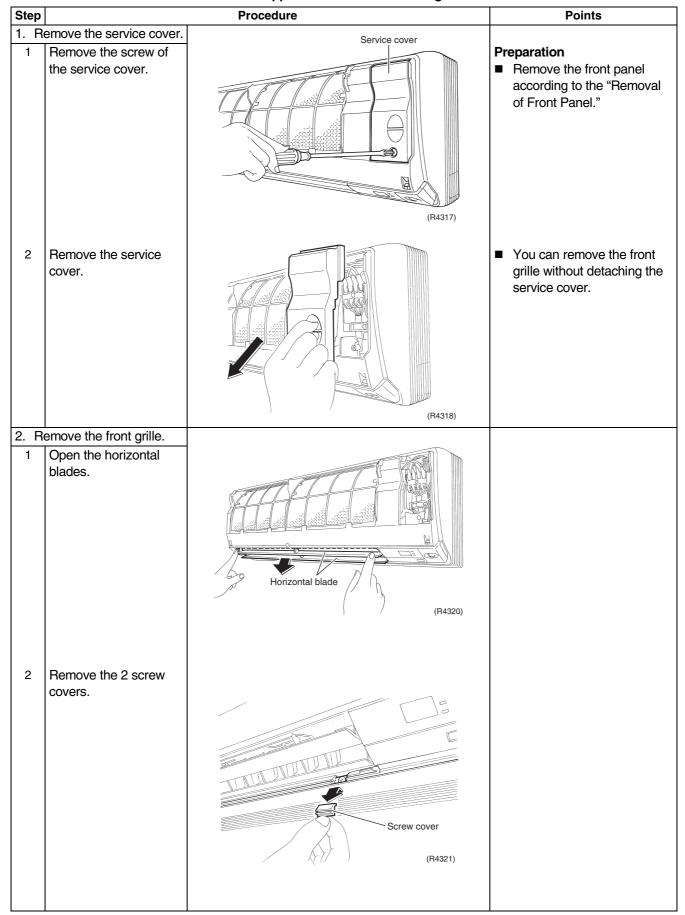
Si04-851 Removal of Front Grille

3. Removal of Front Grille

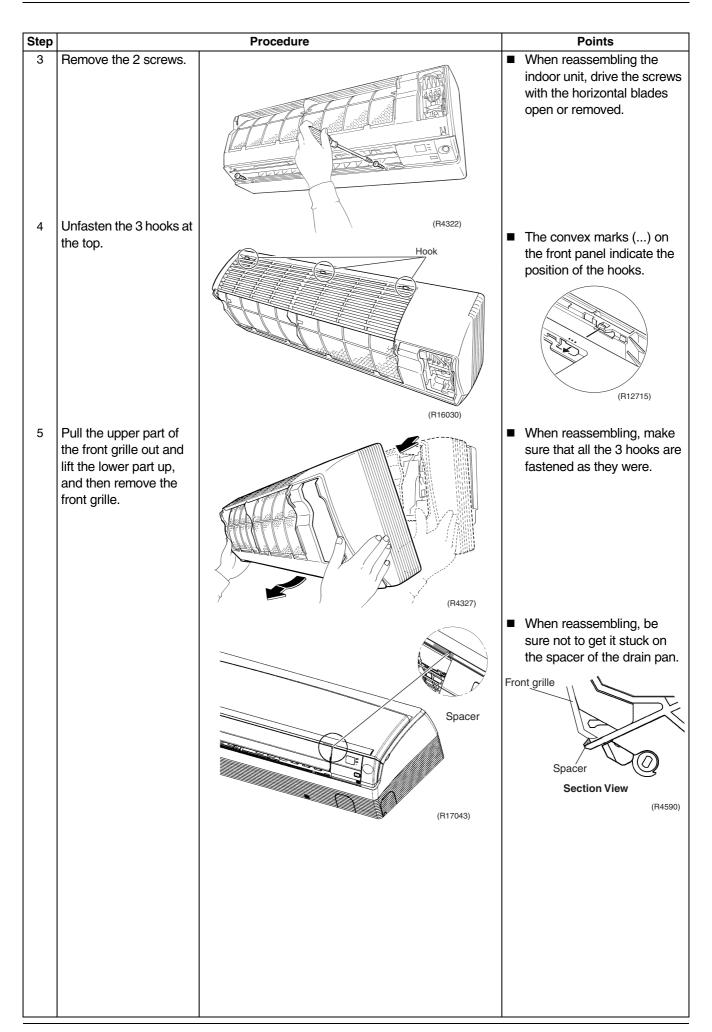
Procedure

/ Warning

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



Removal of Front Grille Si04-851

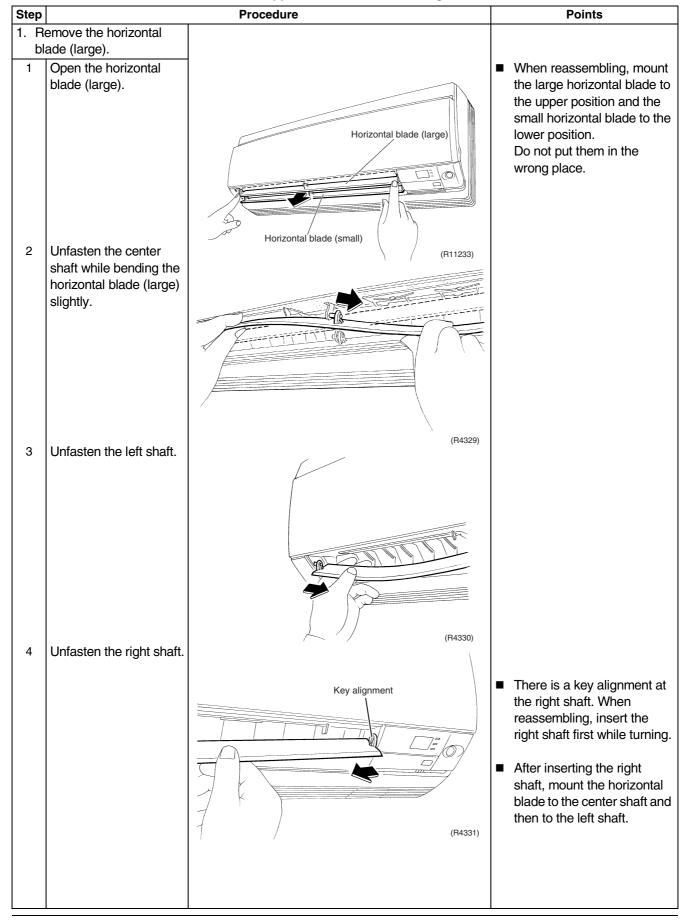


4. Removal of Horizontal Blades / Vertical Blades

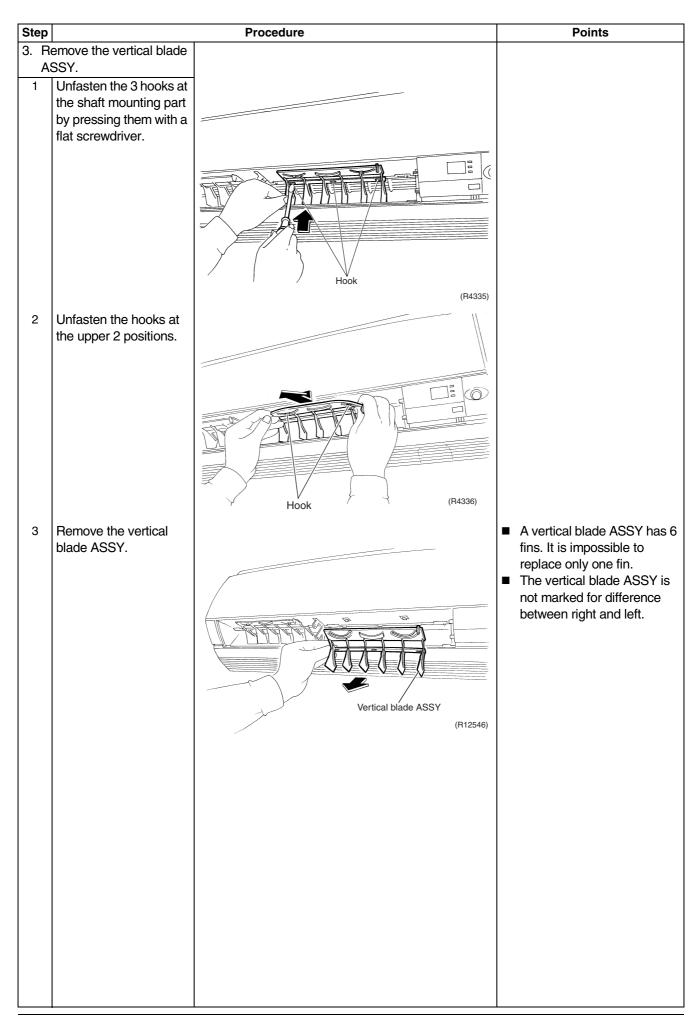
Procedure

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	 There is a key alignment at the right shaft. When reassembling, insert the right shaft first while turning. After inserting the right shaft, mount the horizontal blade to the center shaft and then to the left shaft.
		(R4334)	



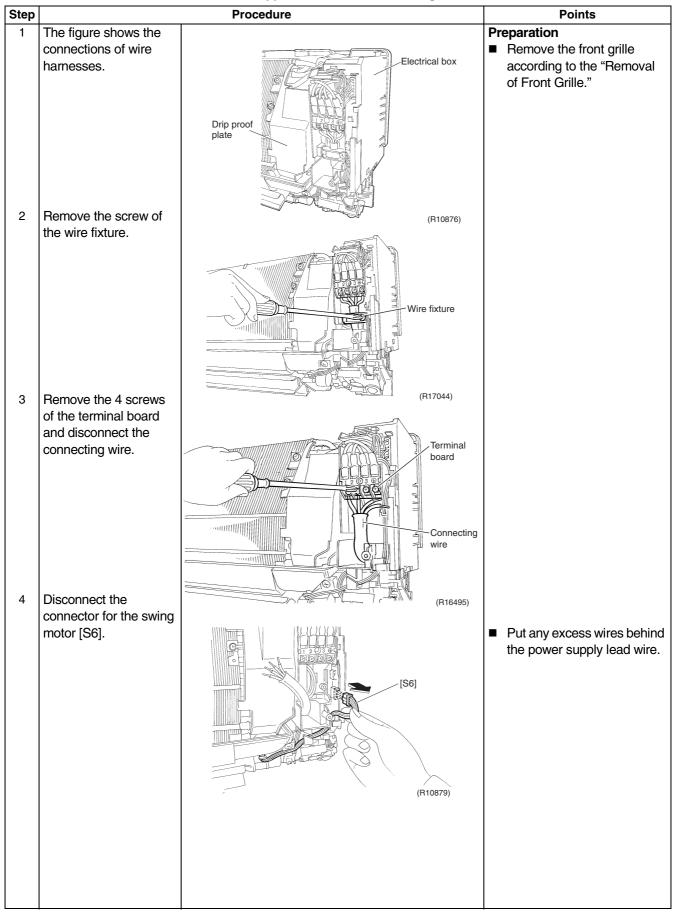
Removal of Electrical Box Si04-851

5. Removal of Electrical Box

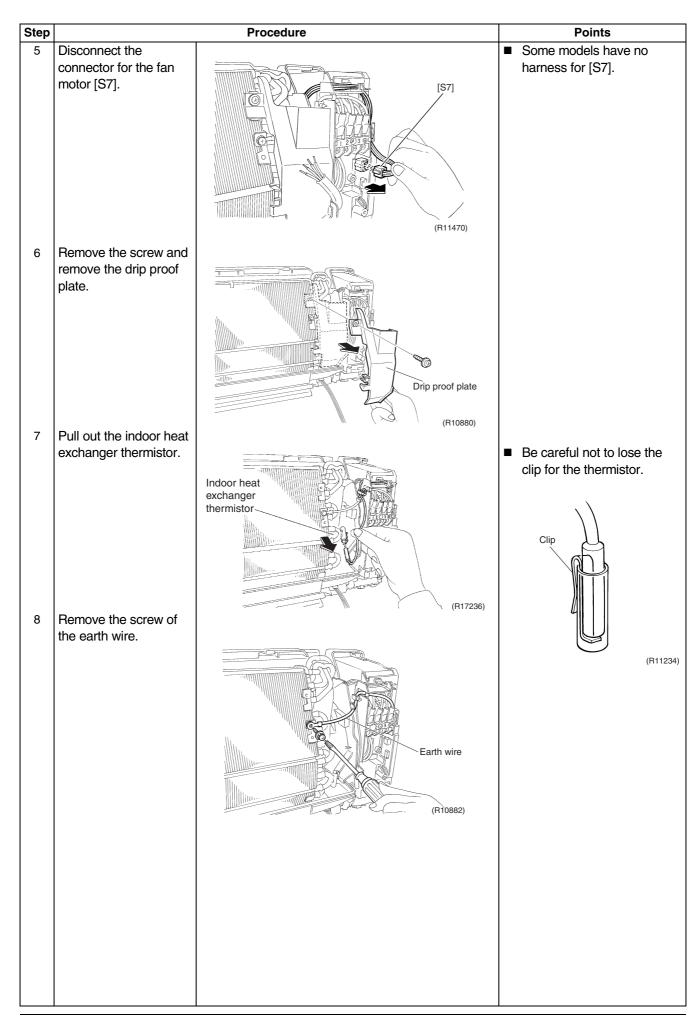
Procedure

/ Warning

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



Si04-851 Removal of Electrical Box



Removal of Electrical Box Si04-851

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)	

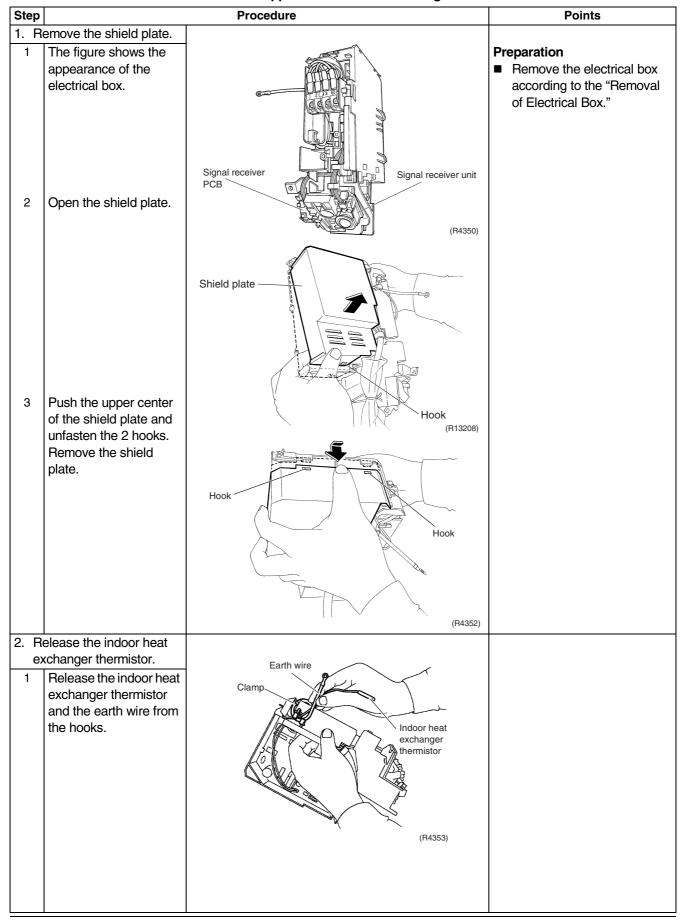
Si04-851 Removal of PCBs

6. Removal of PCBs

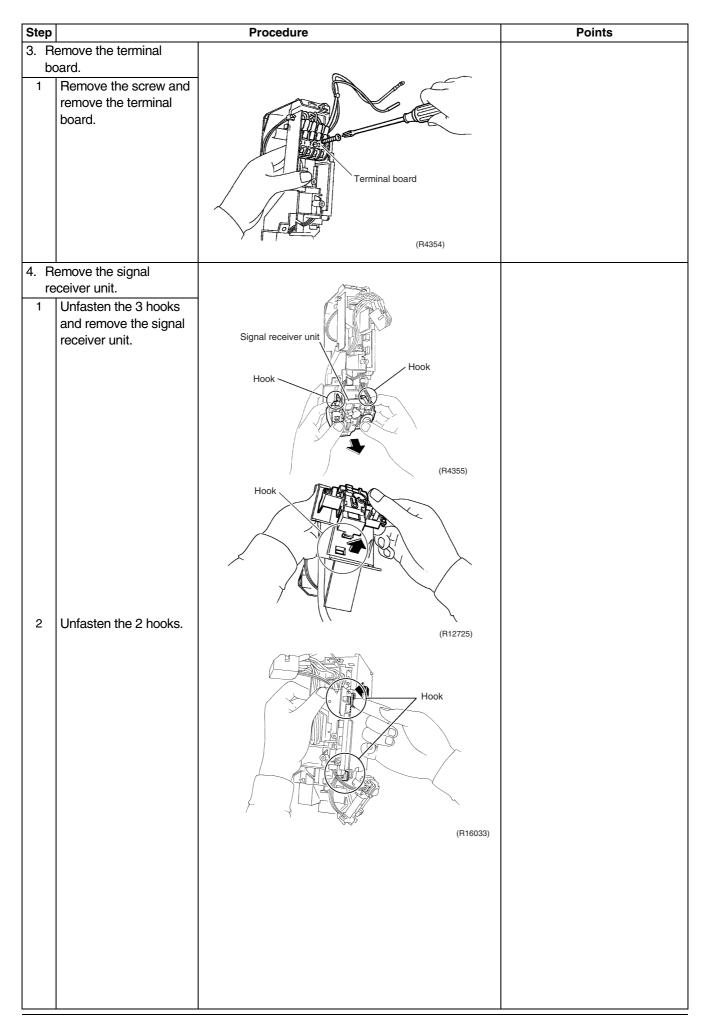
Procedure

/ Warning

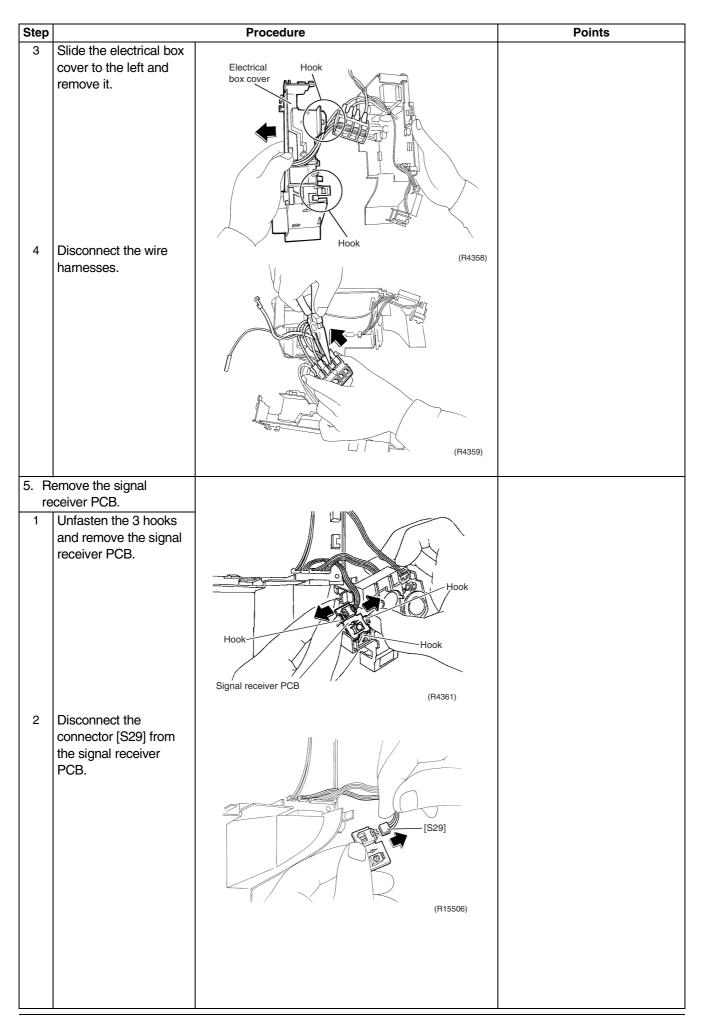
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Removal of PCBs Si04-851



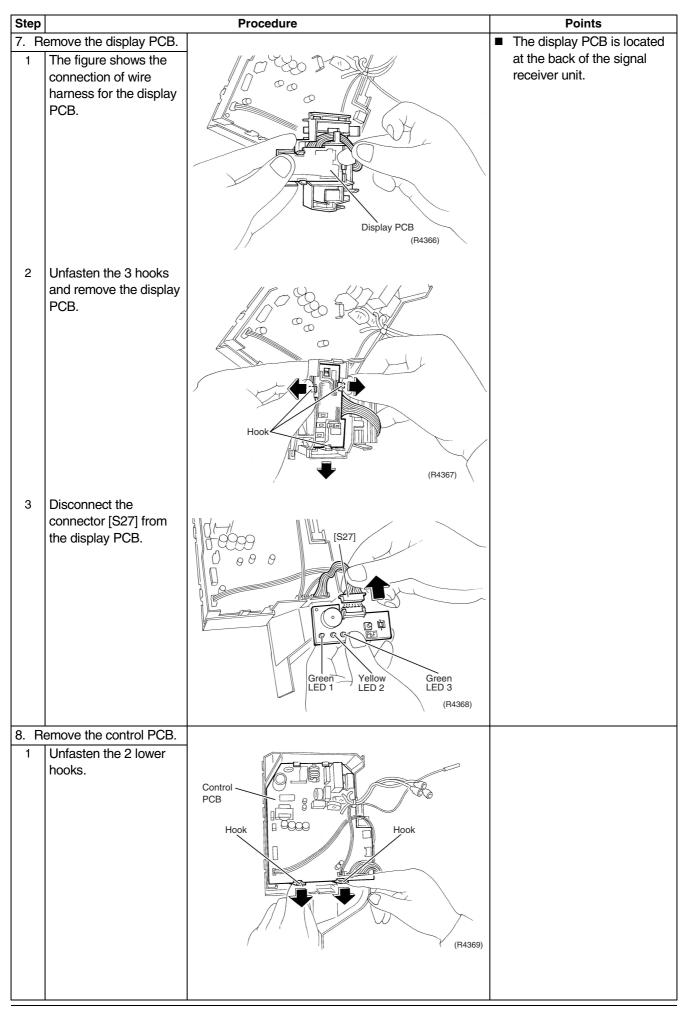
Si04-851 Removal of PCBs



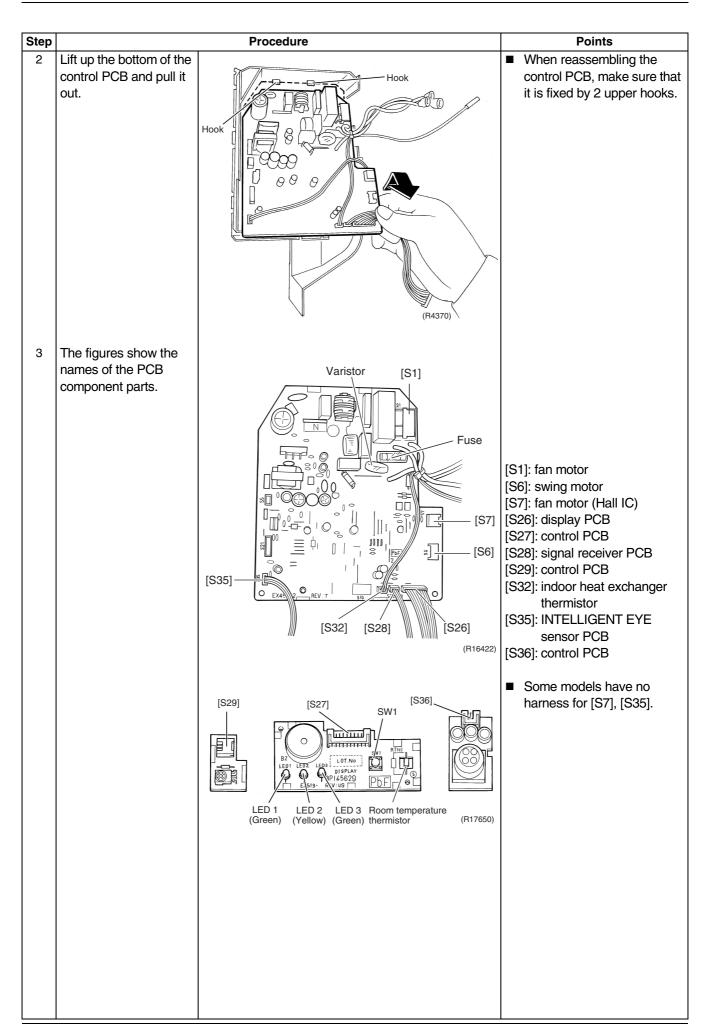
Removal of PCBs Si04-851

Step		Procedure	Points
IN	emove the ITELLIGENT EYE 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)	

Si04-851 Removal of PCBs



Removal of PCBs Si04-851

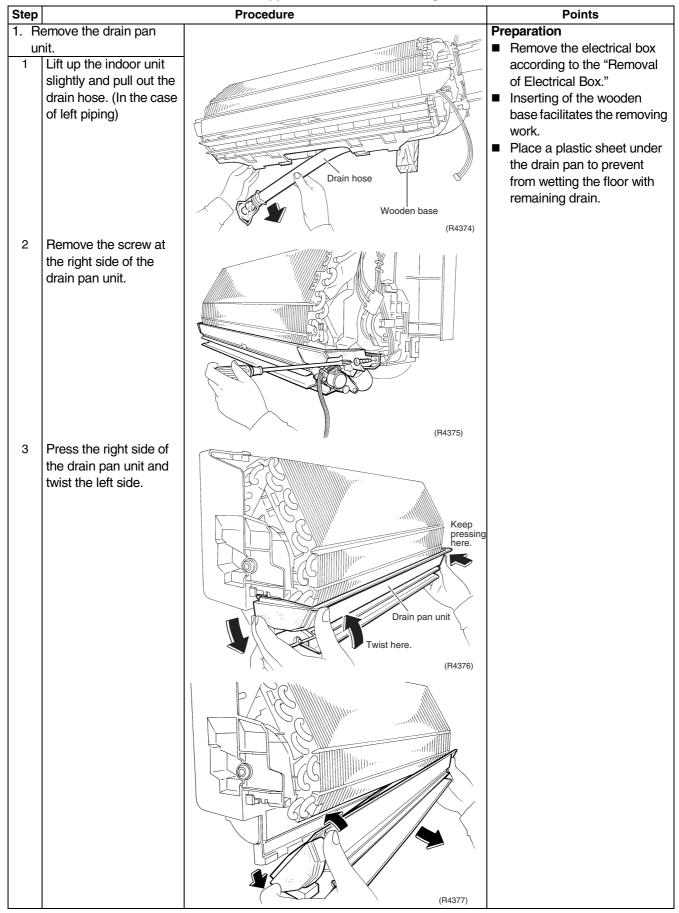


7. Removal of Drain Pan Unit / Swing Motor

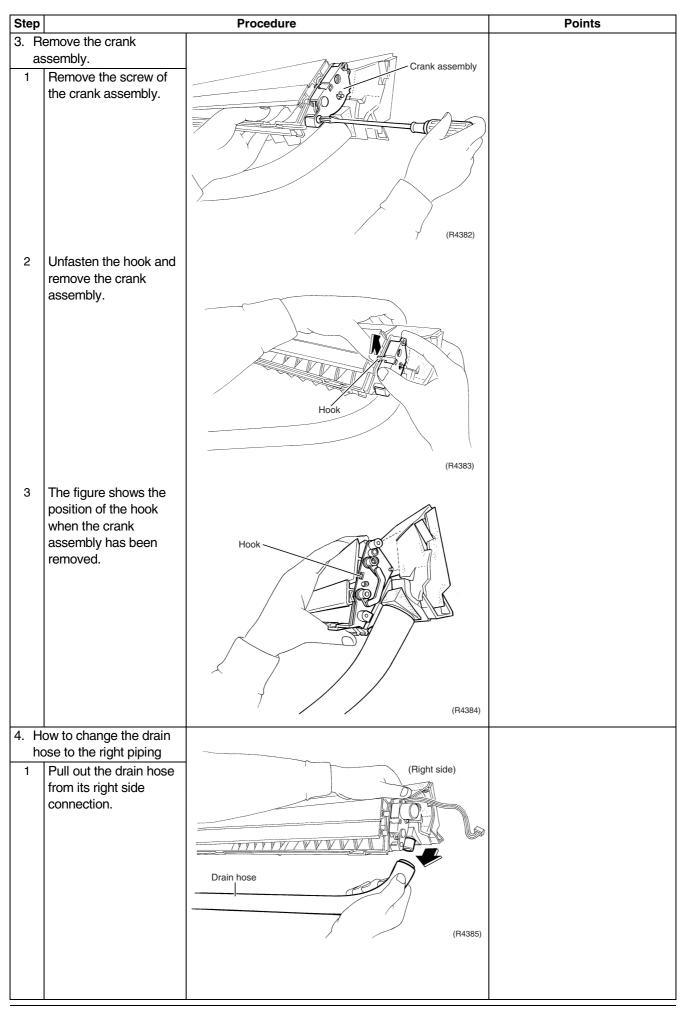
Procedure

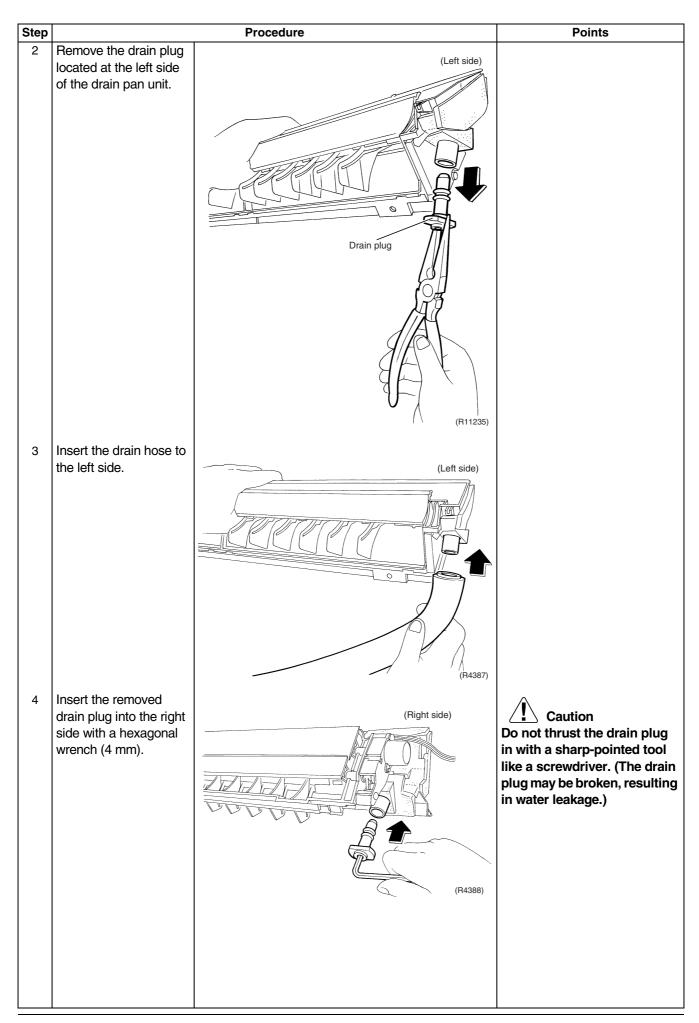
/ Warning

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)	
		Hook (R4379)	■ When reassembling, make sure that the hook at the left side is fitted in the groove.
2. R	emove the swing motor. Remove the screw of		
	the swing motor.	Swing motor (R4380)	
2	Pull out the swing motor.	(R4381)	





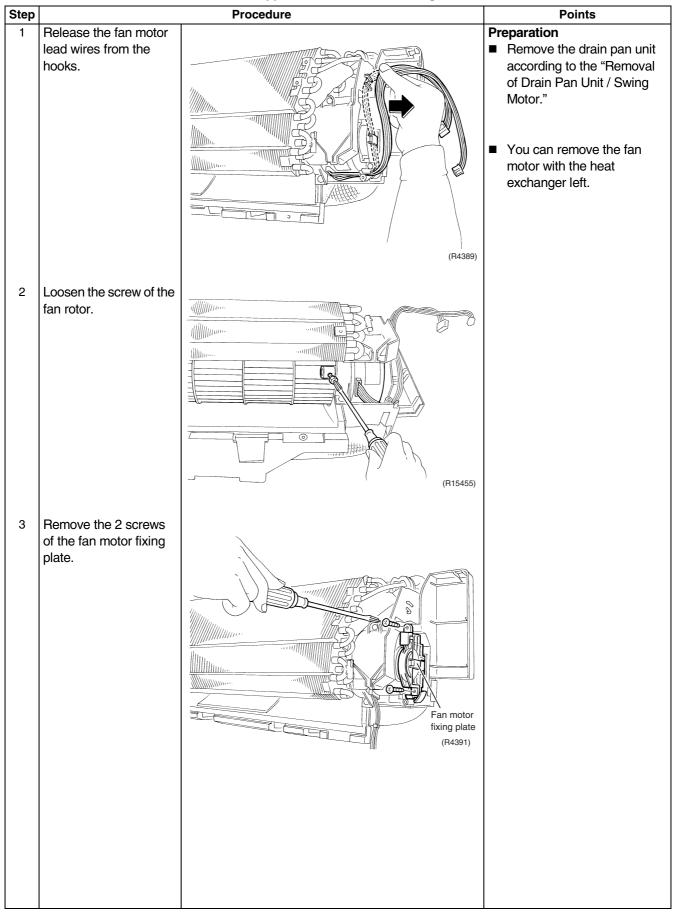
Si04-851 Removal of Fan Motor

8. Removal of Fan Motor

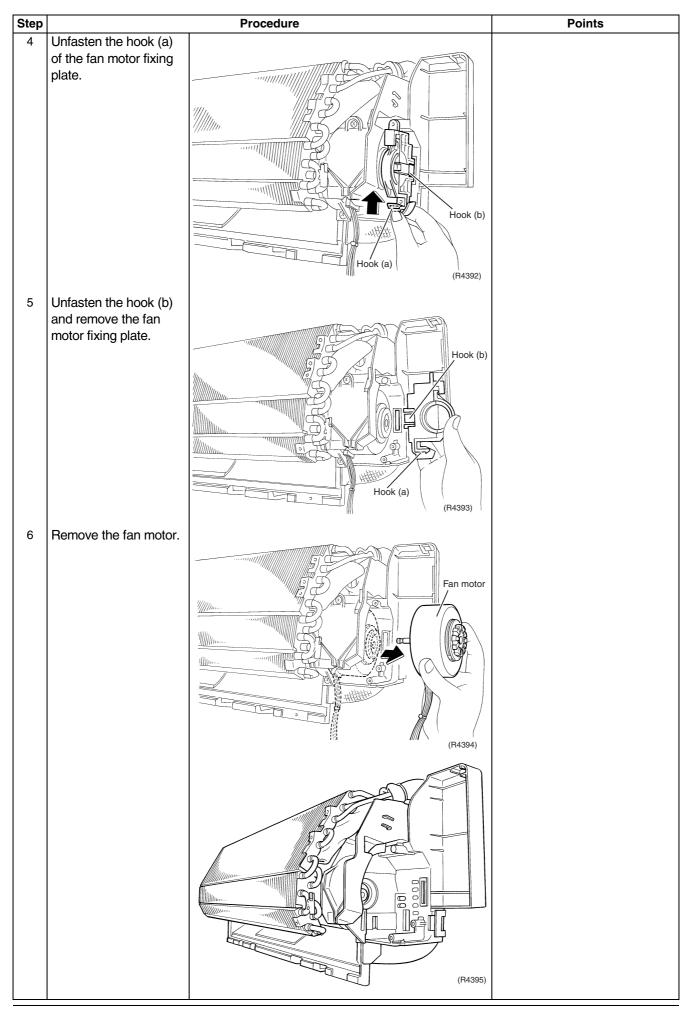
Procedure

/ Warning

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



Removal of Fan Motor Si04-851



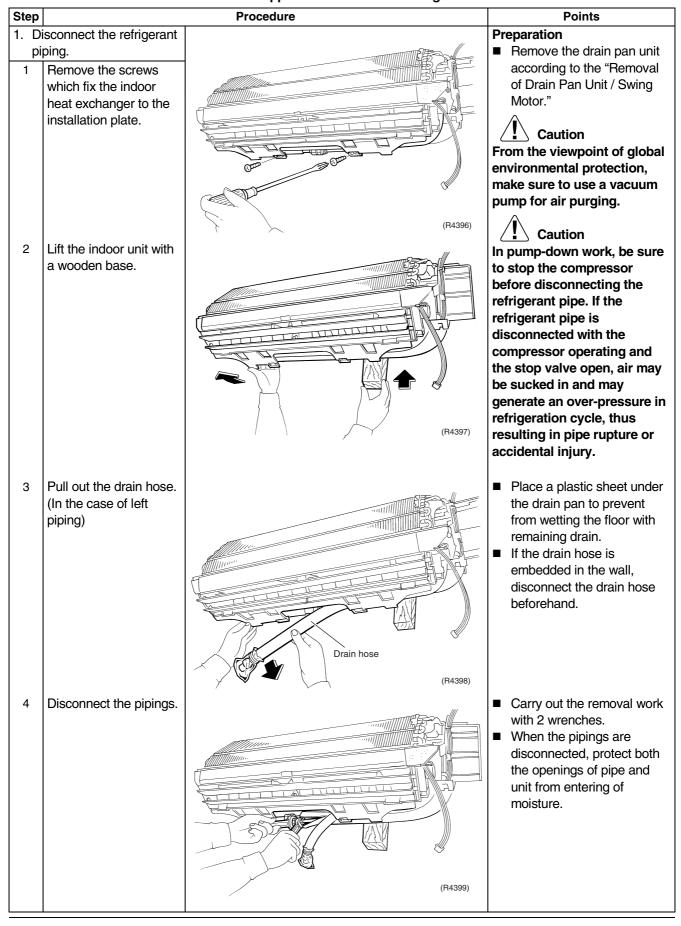
9. Removal of Indoor Heat Exchanger

Procedure

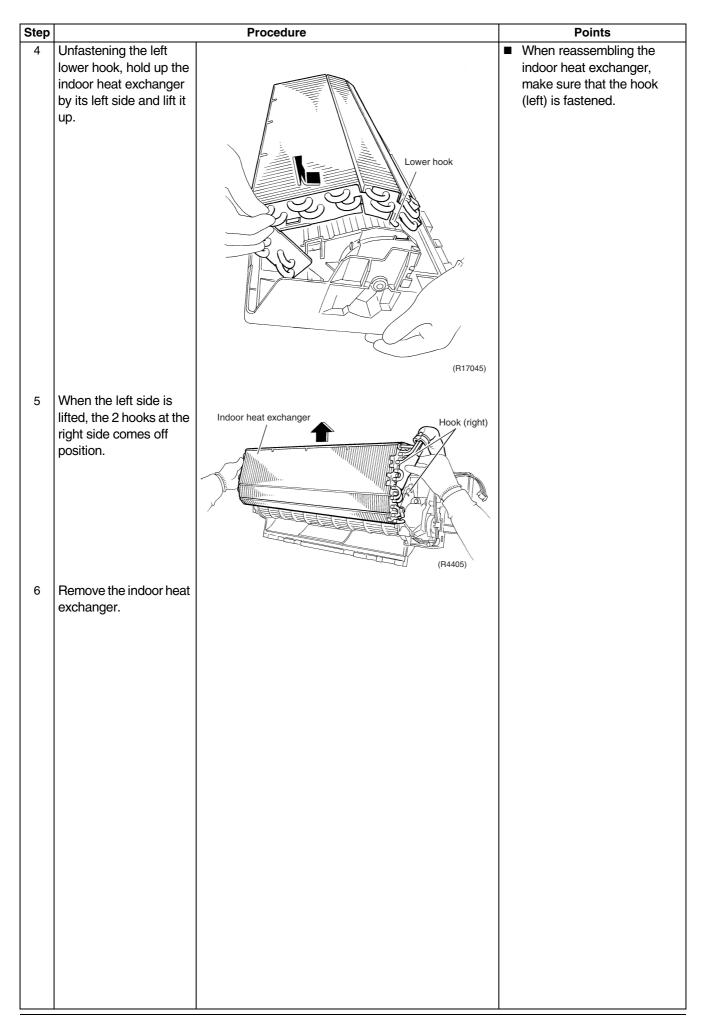
∕į∕ w

Warning Be

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



Step		Procedure	Points
	emove the indoor unit.		
1	Remove the indoor unit from the installation plate.	(R4400)	
	emove the indoor heat		
_	changer.	Piping fixture	
1	Unfasten the hook of the piping fixture at the	· HIIIIIIIIII	
	back of the unit and pull		
	out the pipe.		
		(R4401)	
2	Slightly widen the	,	
	auxiliary piping.	(R17157)	
	Unfasten the upper hook (left) with a flat screwdriver.	Lower hook (left) Upper hook (left) (R4403)	Caution When removing or reassembling the indoor heat exchanger, be sure to wear gloves or wrap the indoor heat exchanger with cloths. (You may be injured by the fins.)



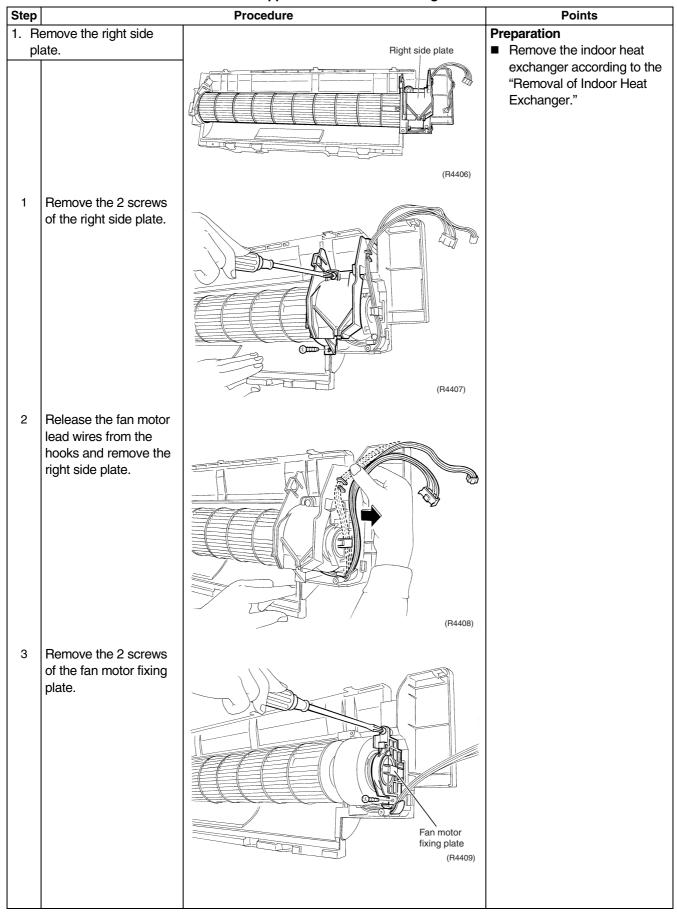
Removal of Fan Rotor Si04-851

10.Removal of Fan Rotor

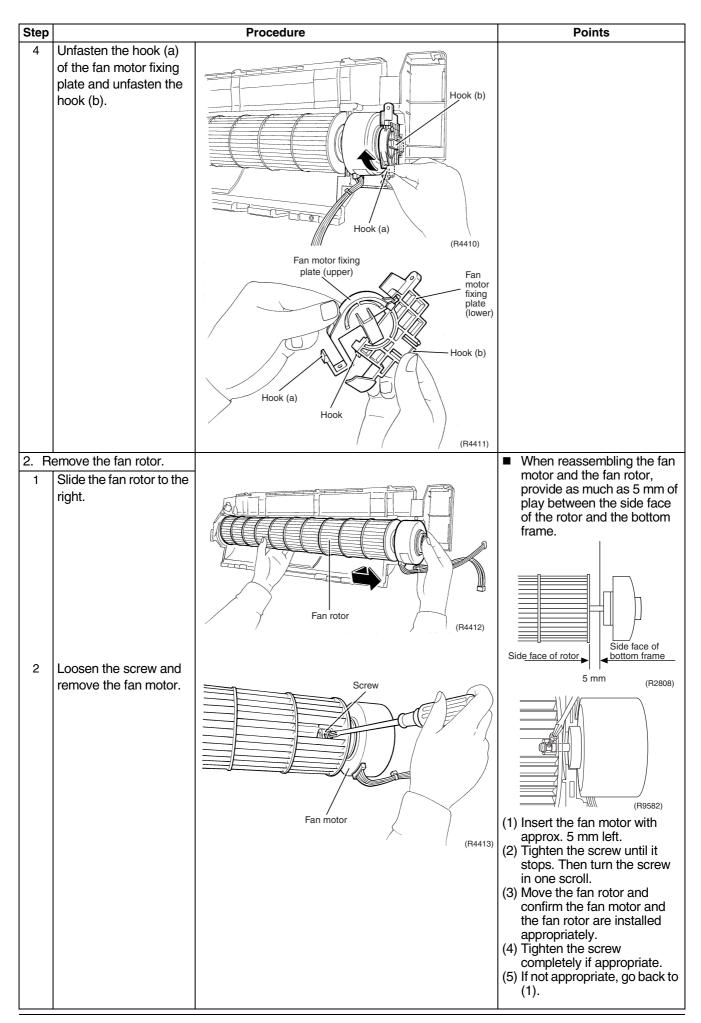
Procedure

/ Warning

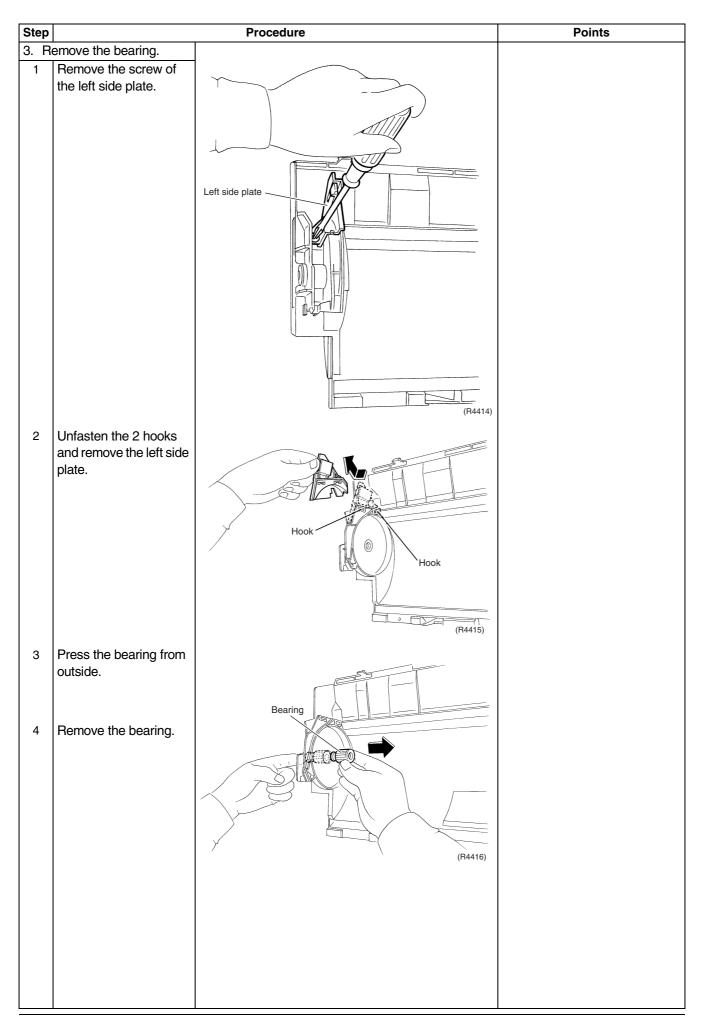
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Si04-851 Removal of Fan Rotor



Removal of Fan Rotor Si04-851



Revision History

Month / Year	Version	Revised contents
06 / 2013	Si04-851	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