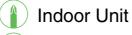


PROCEDURE SERVICE MANUAL SERVICE MANUAL

2.0/2.2/2.5/2.8/3.5/3.6/4.1/4.2/4.6/ 5.0 kW Class

7000/9000/12000/15000 Btu/h Class









Service Manual Removal Procedure

Indoor Unit

Coo	ling	On	ly
			•

FTKS09JV2S FTKS12JV2S

FTKS20KVMA FTKS25KVMA FTKS35KVMA

FTKS22MVLT FTKS28MVLT FTKS36MVLT

FTKM09NV2S FTKM12NV2S FTKM15NV2S

FTKM25NVM FTKM35NVM FTKM42NVM

FTKM20PVMA FTKM25PVMA FTKM35PVMA FTKM46PVMA

Heat Pump

ATXS20G2V1B ATXS25G2V1B ATXS35G2V1B ATXS42G2V1B ATXS50G2V1B

CTXS07LVJU FTXS09LVJU FTXS12LVJU

FTXS20KVMA FTXS25KVMA FTXS35KVMA

FTXS22MVLT FTXS28MVLT FTXS36MVLT

FTXM22NVLT FTXM28NVLT FTXM36NVLT

FTXM20PVMA FTXM25PVMA FTXM35PVMA FTXM46PVMA

FTXV22NVLT FTXV28NVLT FTXV36NVLT FTXV41NVLT

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	.Fan Motor	



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

Air Filters Si041252EE

1. Air Filters



Warning

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

Step		Procedure		Points
_	emove the air filters.			The air filter is not marked
1	Open the front panel.	Front panel Air filter		for difference between the right and left sides.
2	Release the air filter from the hooks of the front panel. (2 for each filter.)		-	Insert the air filter with the "FRONT" mark faced up.
3	Pull out the air filter downward and remove it.	(R21149)		The air filter can be set easily by inserting it along the guides.
			-	Be sure to insert the hooks when reassembling the air filter.
a	emove the Titanium patite photocatalytic airurifying filters.	Air filter		
1	Remove the Titanium			
	apatite photocatalytic			
	air-purifying filter ASSY by unfastening the 2			
	projections from the			
	back of the air filter.			
		Titanium apatite photocatalytic		
		air-purifying filter ASSY Projection		
		(R17096)		
2	Unfasten the 5 hooks and remove the	((-	To prevent the damage, do not remove the Titanium apatite photocatalytic air-
	Titanium apatite photocatalytic air-purifying filter from its			purifying filter from the frame when cleaning it.
	frame.			The Titanium apatite
			-	photocatalytic air-purifying
				filter is not marked for
		(R13174)		difference between the right and left sides.
		(n i 3174)		

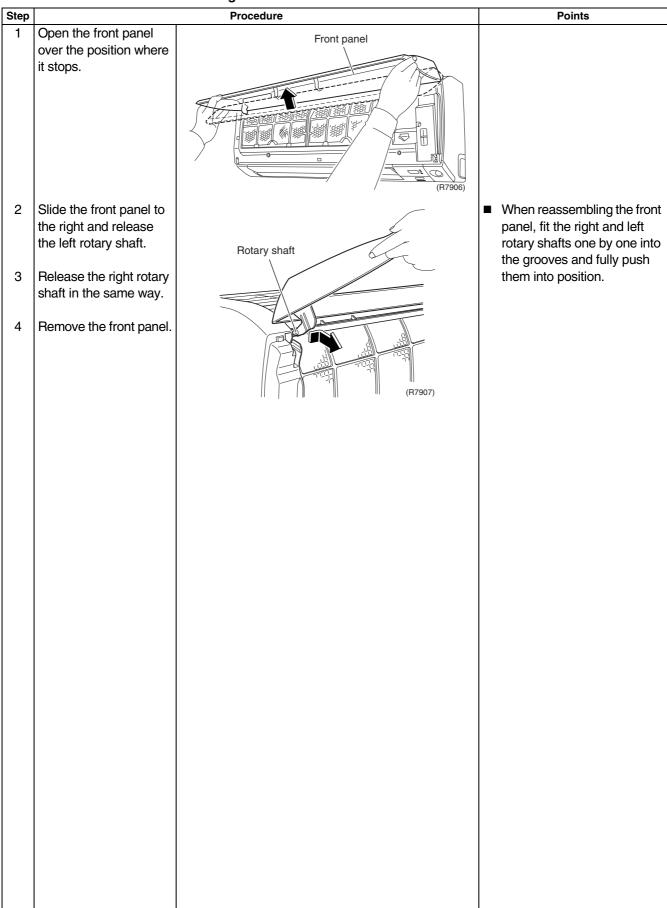
Si041252EE Front Panel

2. Front Panel



Warning

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



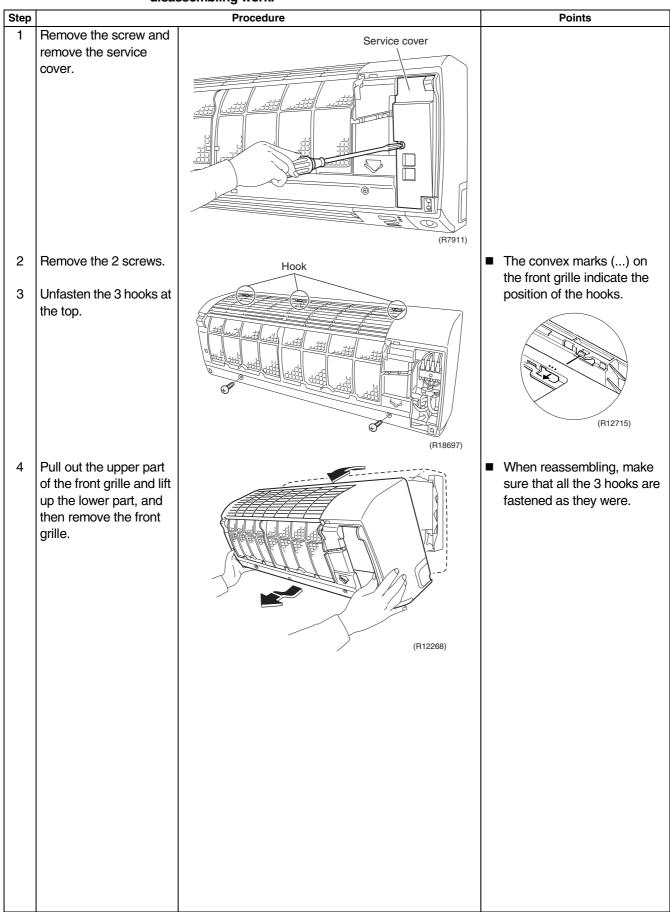
Front Grille Si041252EE

3. Front Grille



Warning

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



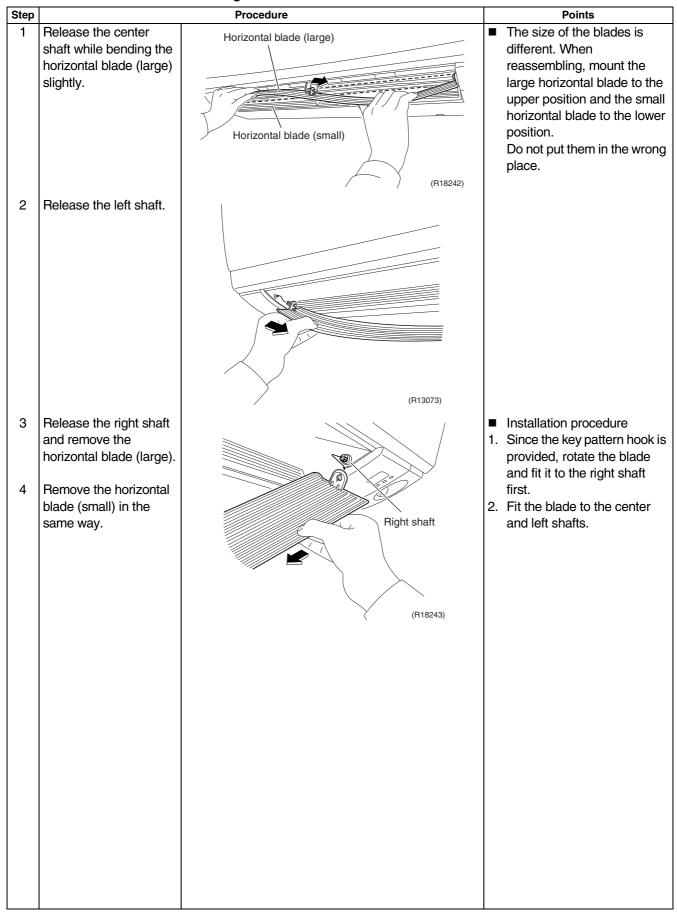
Si041252EE Horizontal Blades

4. Horizontal Blades



Warning

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



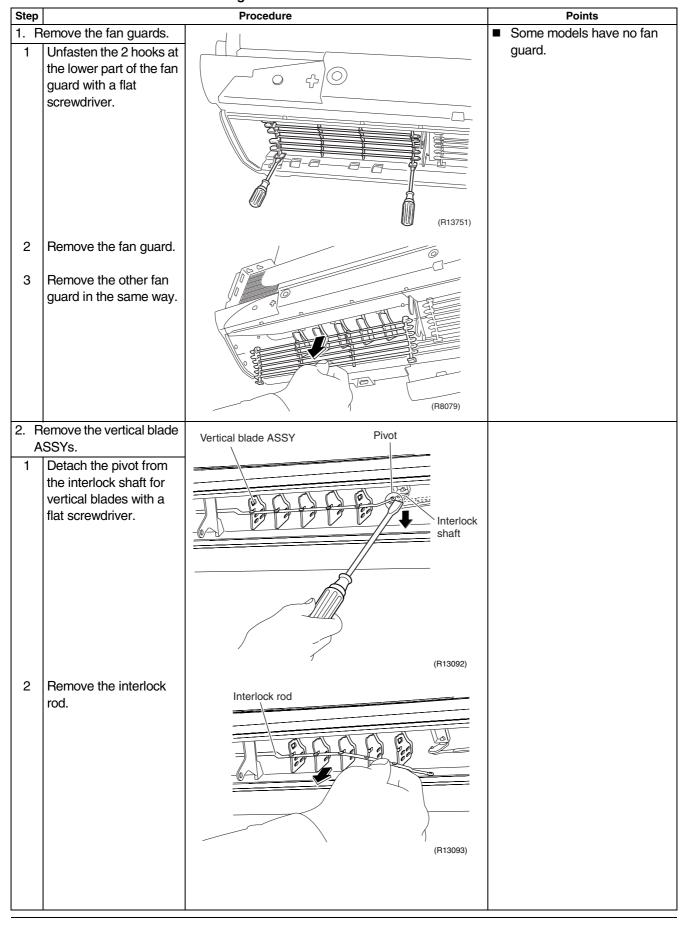
Vertical Blade ASSYs Si041252EE

5. Vertical Blade ASSYs

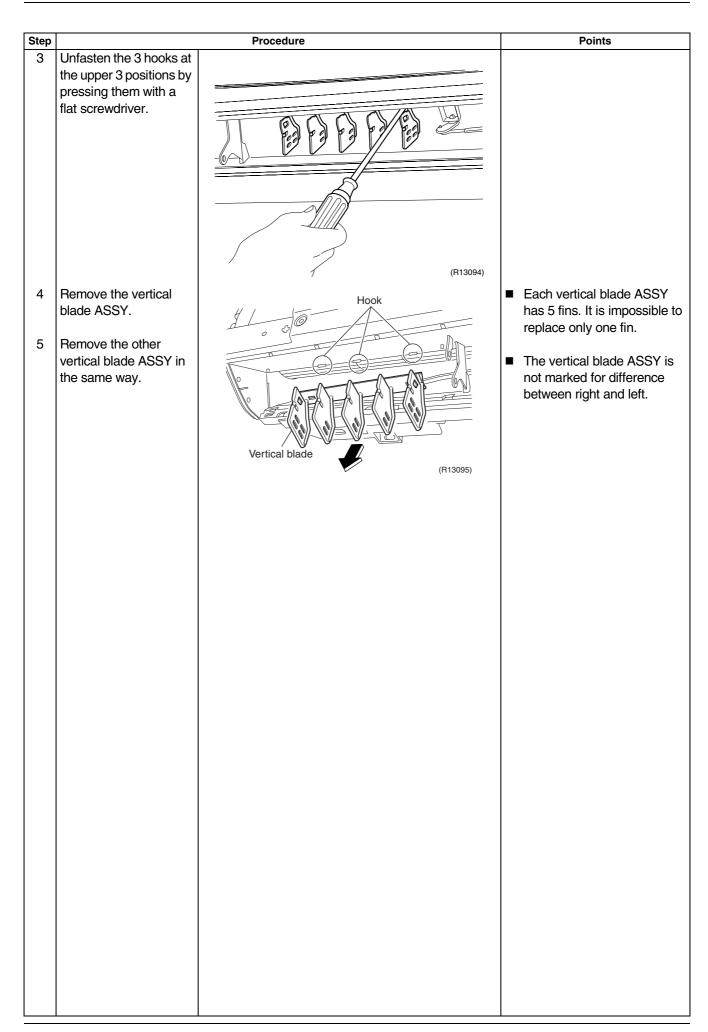


Warning

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



Si041252EE Vertical Blade ASSYs



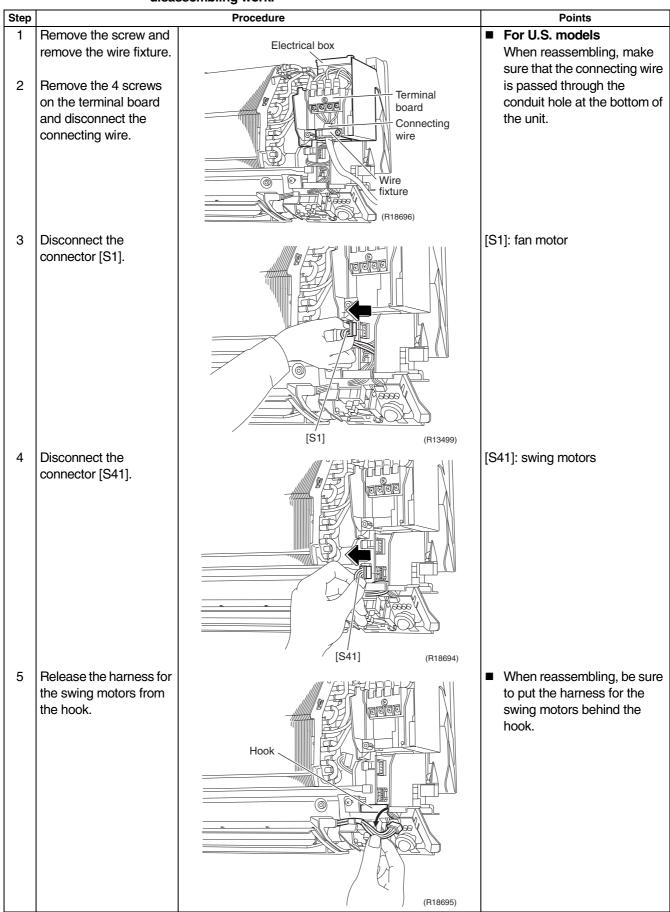
Electrical Box Si041252EE

6. Electrical Box

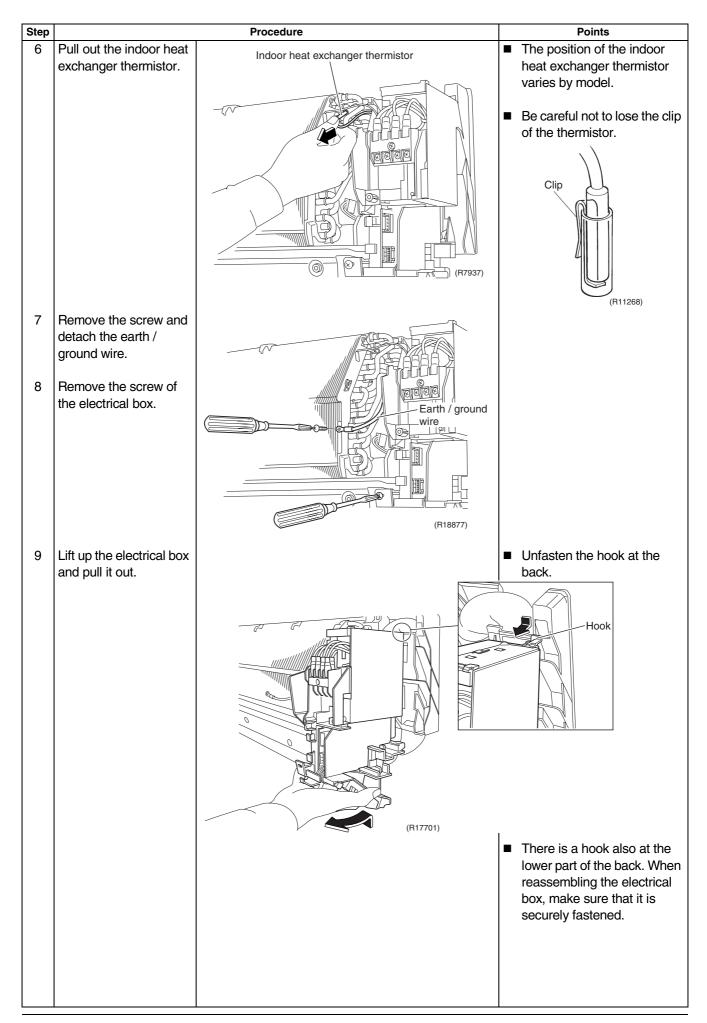


Warning

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



Si041252EE Electrical Box



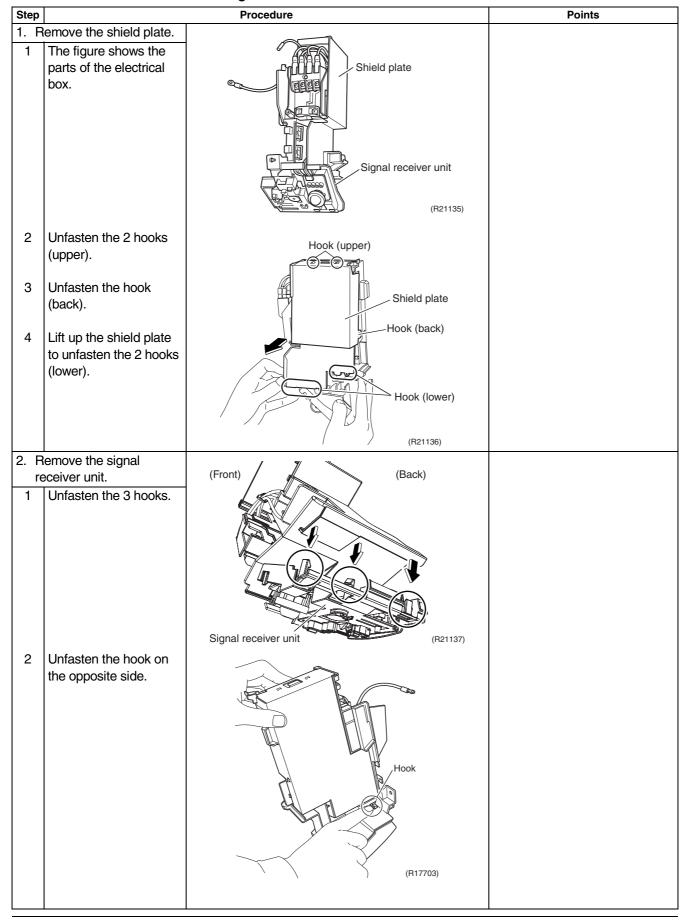
PCBs Si041252EE

7. PCBs

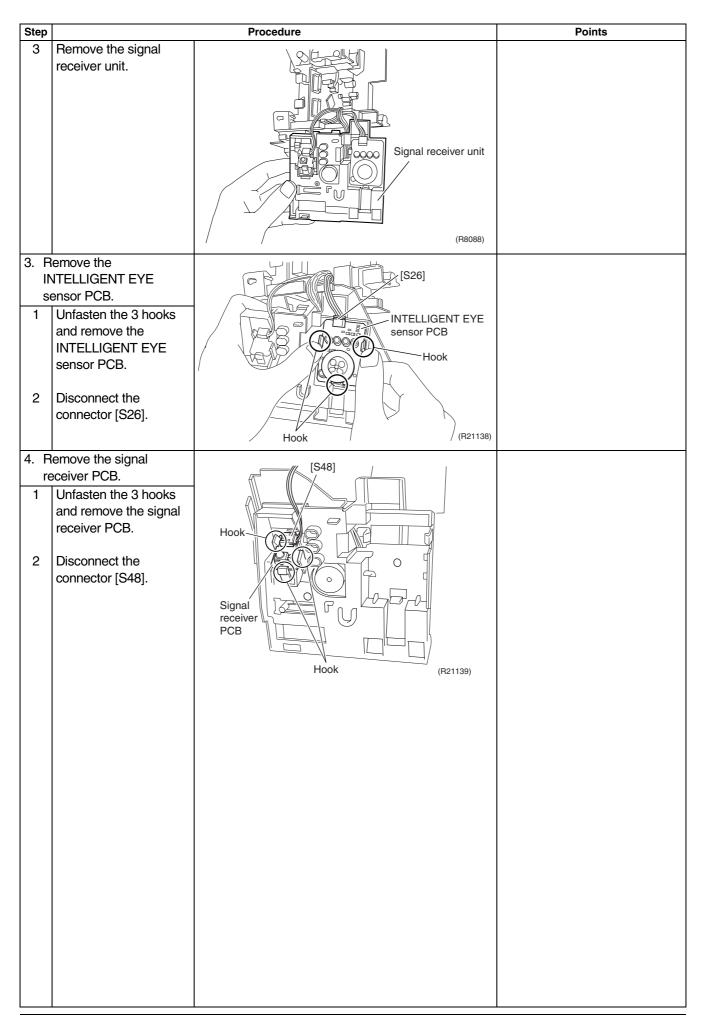


Warning

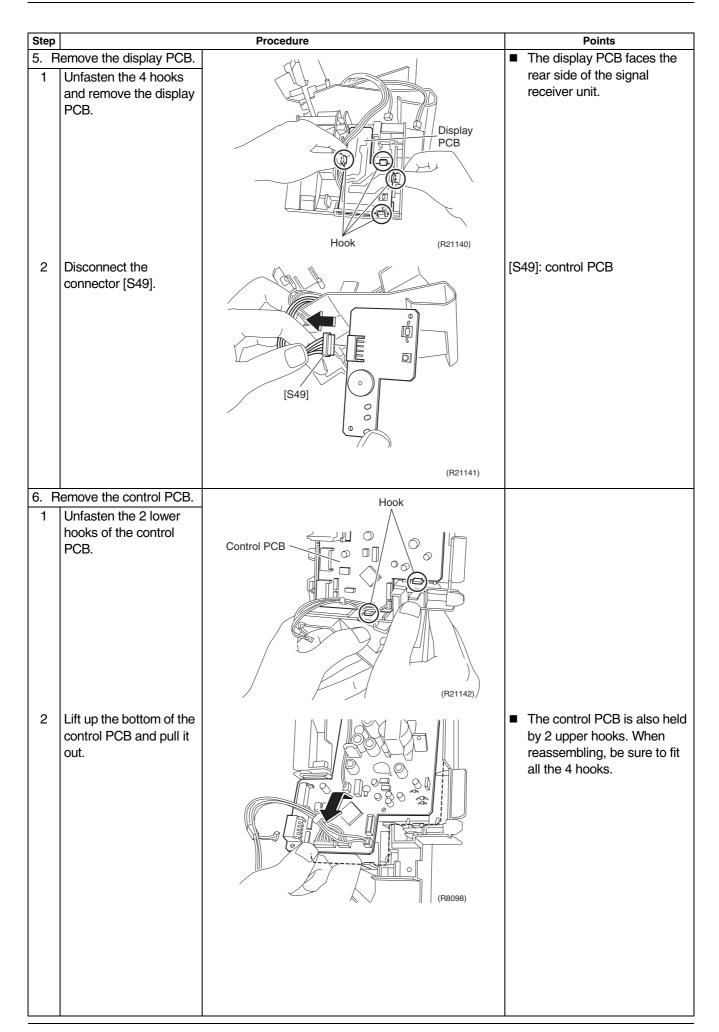
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Si041252EE PCBs



PCBs Si041252EE



Si041252EE Swing Motors

8. Swing Motors



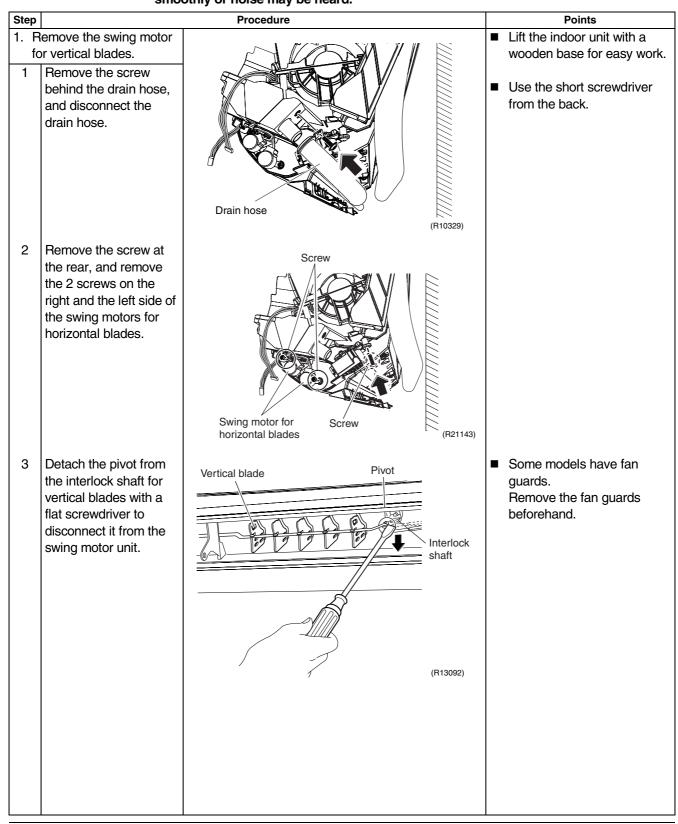
Warning

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

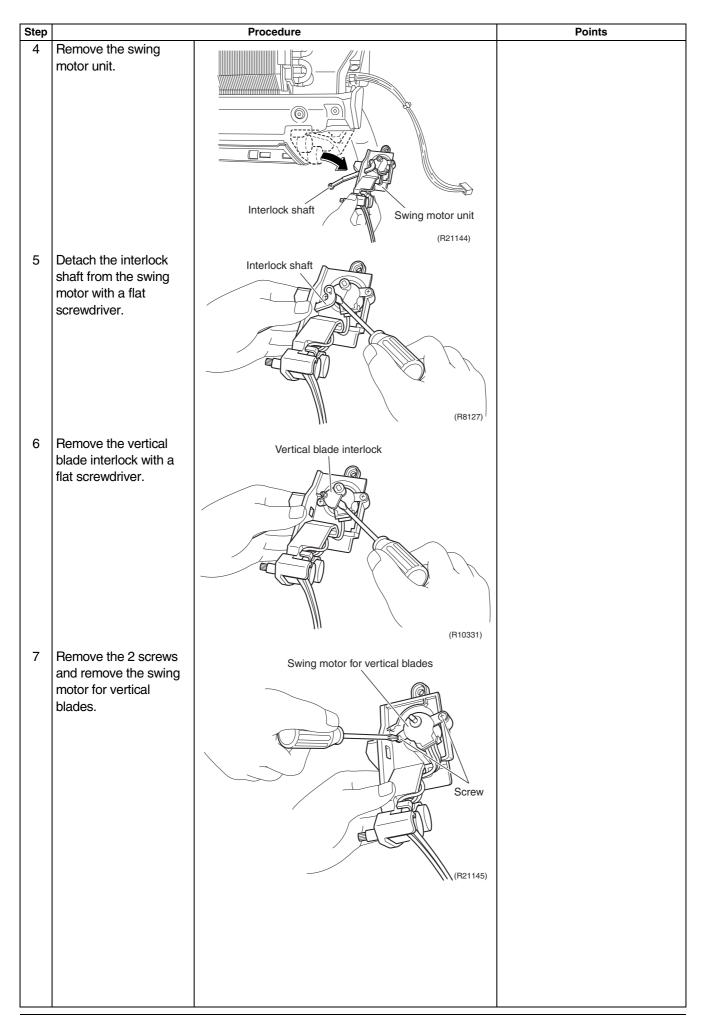


Caution

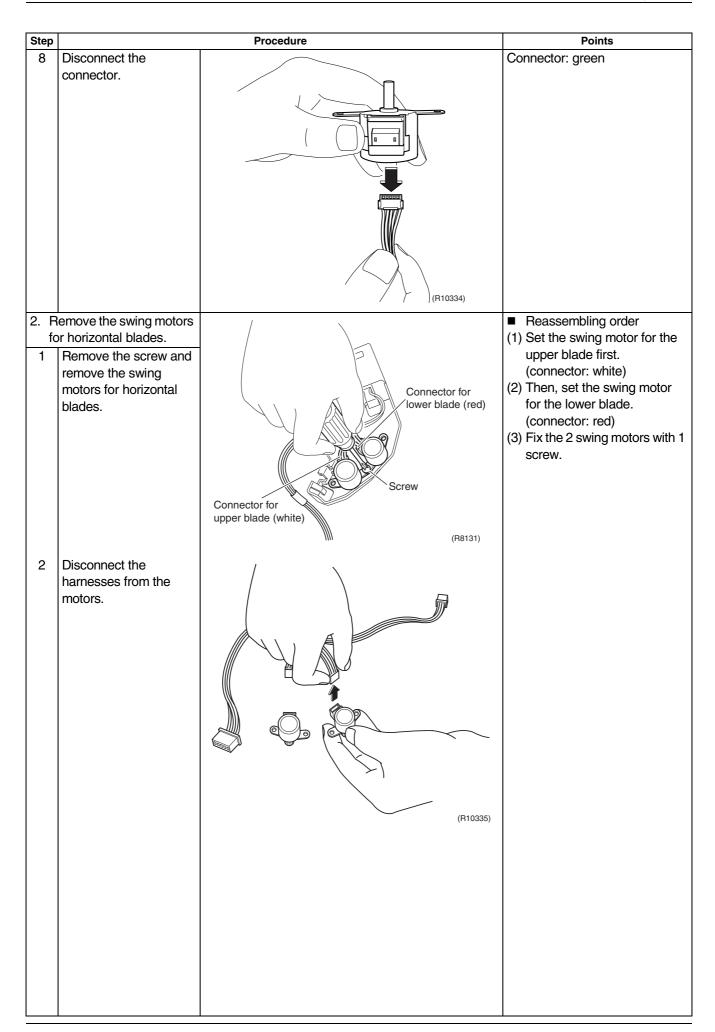
 When reassembling, do not confuse the installing order of the 2 motors for horizontal blades and the colors of the connectors.
 If you set the connectors or motors opposite, the horizontal blades do not move smoothly or noise may be heard.



Swing Motors Si041252EE



Si041252EE Swing Motors



Indoor Heat Exchanger Si041252EE

9. Indoor Heat Exchanger

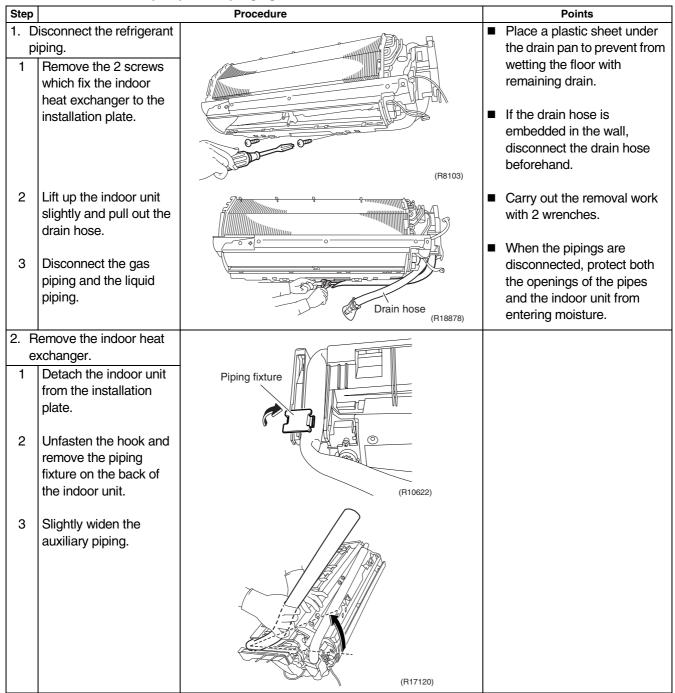


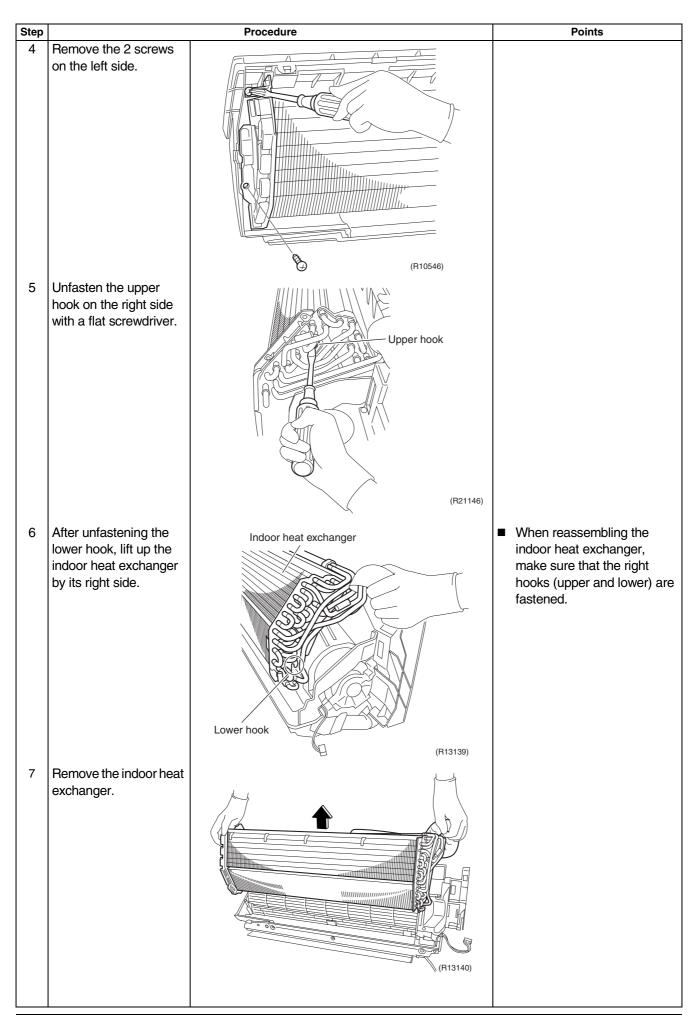
Warning

- Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.
- In pump-down work, be sure to stop the compressor before disconnecting the refrigerant pipe. If the refrigerant pipe is disconnected with the compressor operating and the stop valve open, air may be sucked in and may generate an over-pressure in refrigeration cycle, thus resulting in pipe rupture or accidental injury.
- When removing or reinstalling the indoor heat exchanger, be sure to wear gloves or wrap the indoor heat exchanger with cloths. (You may be injured by the fins.)



- Be sure to conduct pump down operation before disassembling the refrigerant pipe.
- If the refrigerant leaks, repair the spot of leaking, then collect all refrigerant from the unit. After conducting vacuum drying, recharge proper amount of refrigerant.
- From the viewpoint of global environmental protection, make sure to use a vacuum pump for air purging.





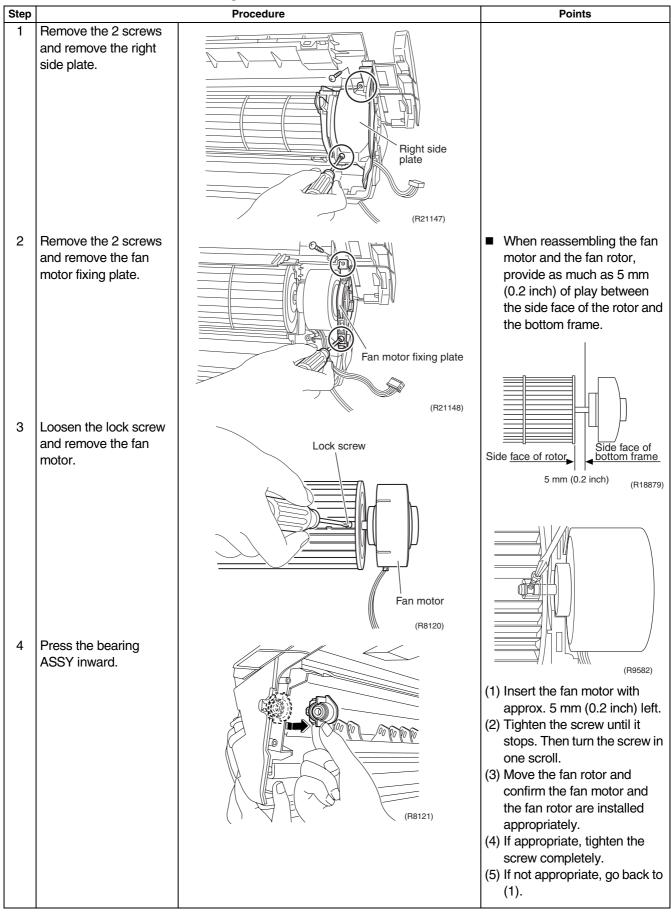
Fan Motor Si041252EE

10.Fan Motor



Warning

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



Revision History

Month / Year	Version	Revised contents
09 / 2012	Si041252	First edition
11 / 2012	Si041252_A	Model addition: ATXS20/25/35/42/50G2V1B
04 / 2013	Si041252_B	Model addition: FTKS09/12JV2S, FTK(X)S22/28/36MVLT, CTXS07LVJU, FTXS09/12LVJU
06 / 2014	Si041252EC	Model addition: FTKM09/12/15NV2S, FTKM25/35/42NVM
12 / 2014	Si041252ED	Model addition: FTK(X)M20/25/35/46PVMA
08 / 2015	Si041252EE	Model addition: FTXM22/28/36NVLT, FTXV22/28/36/41NVLT



- 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/products/ac/

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