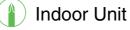




## 2.5/3.5/5.0 kW Class 9000/12000/18000 Btu/h Class









# Service Manual Removal Procedure

### **Indoor Unit**

Heat Pump

FTXZ09NV1S

FTXZ12NV1S

FTXZ18NV1S

FTXZ25NVM

FTXZ35NVM

FTXZ50NVM

FTXZ25NVM4

FTXZ35NVM4

FTXZ50NVM4

FTXZ25NVMM

FTXZ35NVMM

FTXZ50NVMM

FTXZ25NVMV

FTXZ35NVMV

FTXZ50NVMV

# **Table of Contents**

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	Indoor Heat Exchanger	
	Fan Rotor / Fan Motor	



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

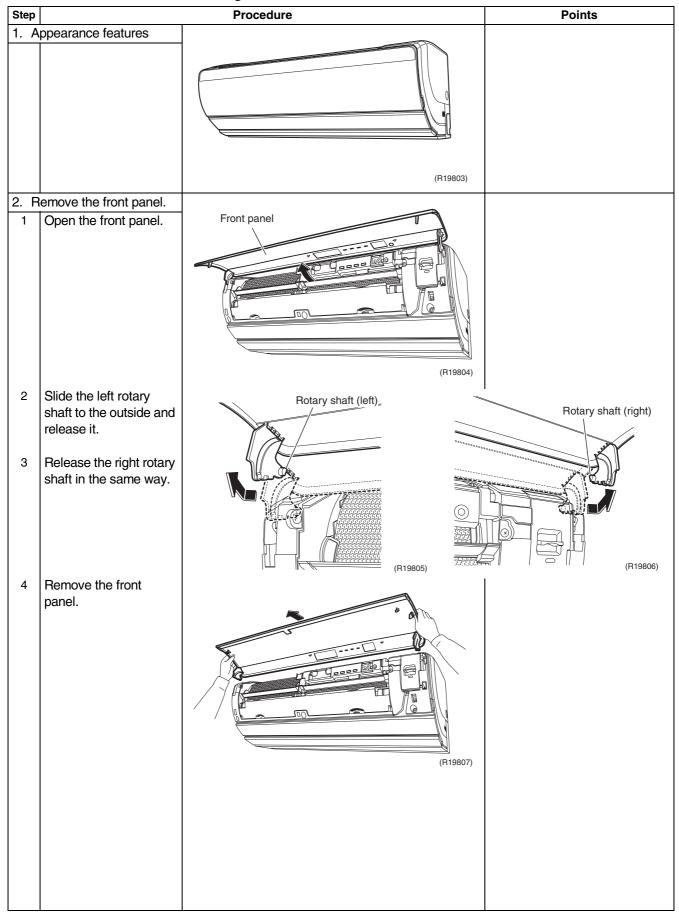
Front Panel Si041411E

#### 1. Front Panel



Warning

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



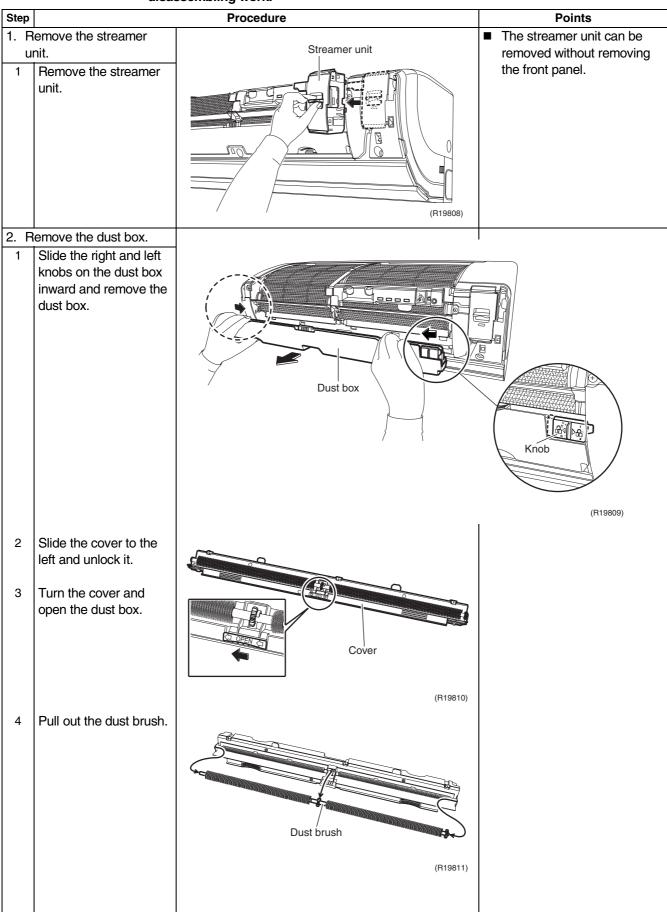
Si041411E Streamer Unit / Dust Box

#### 2. Streamer Unit / Dust Box



Warning

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



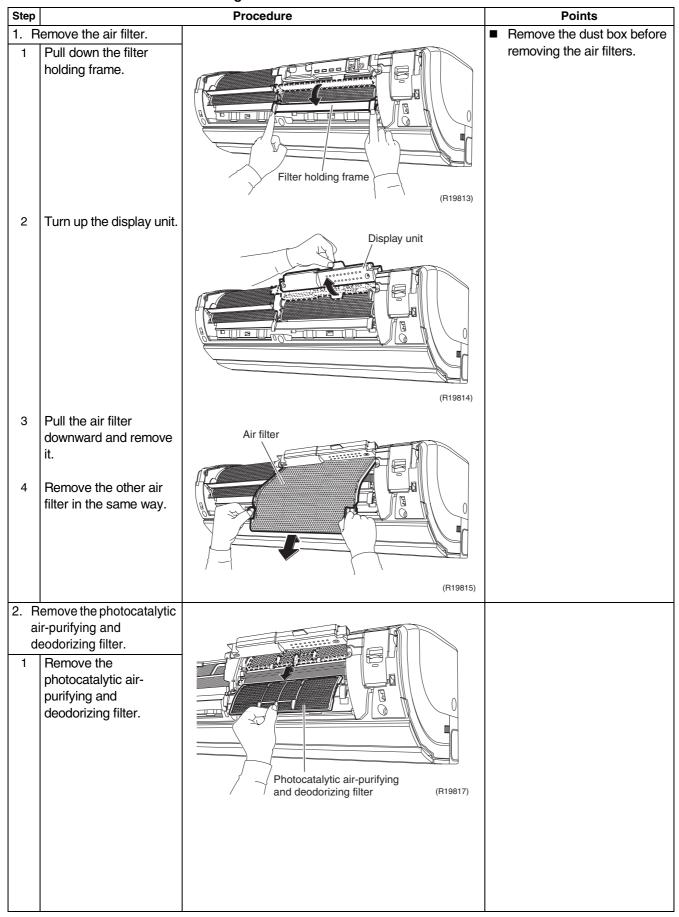
Filters Si041411E

#### 3. Filters



Warning

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

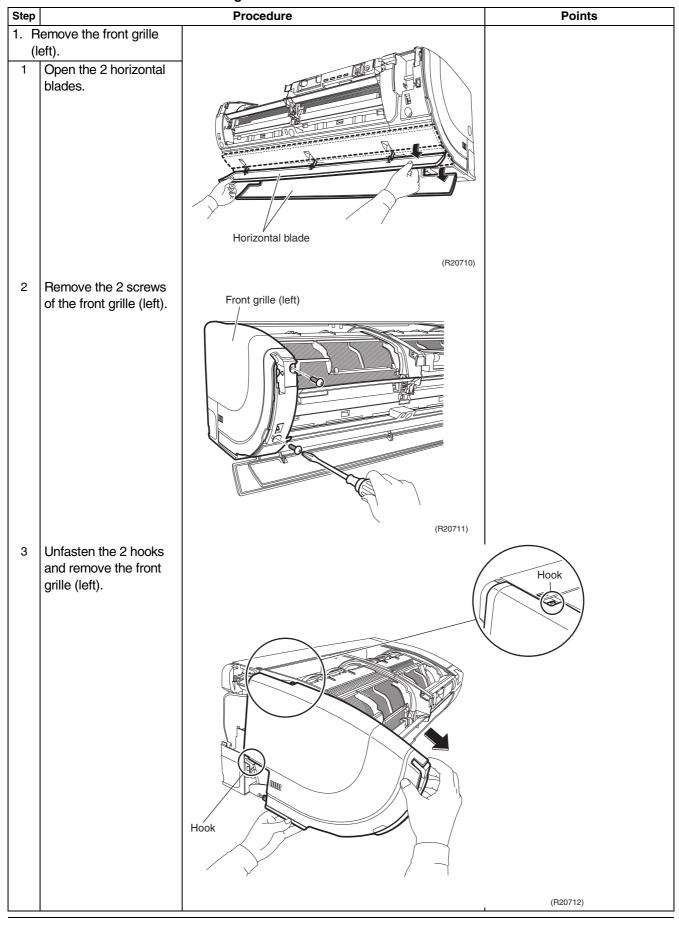


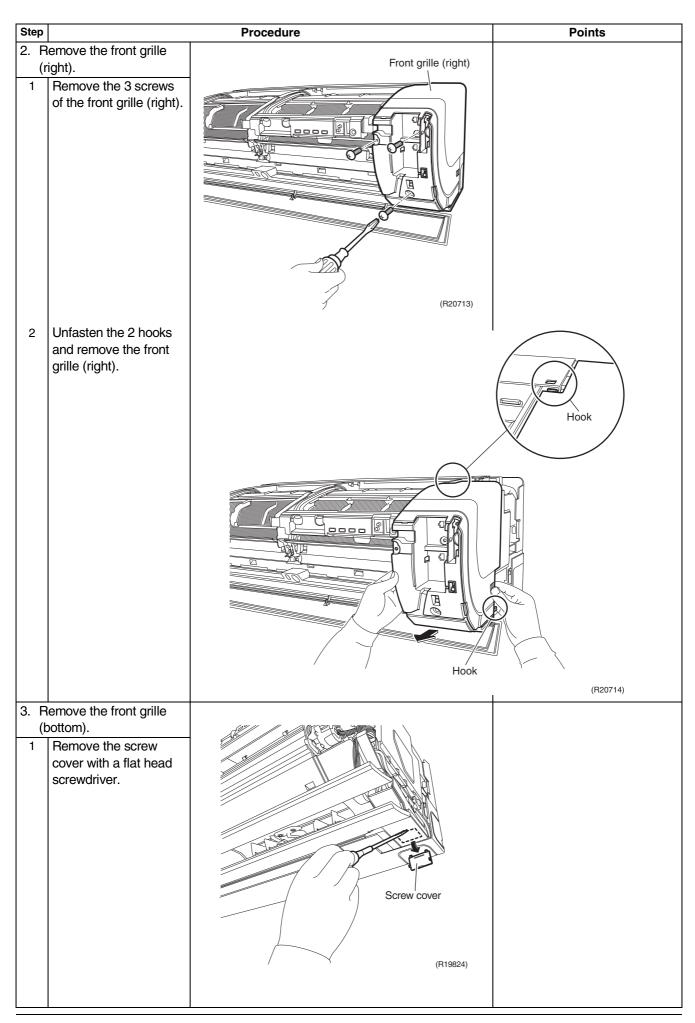
### 4. Front Grilles / Horizontal Blades

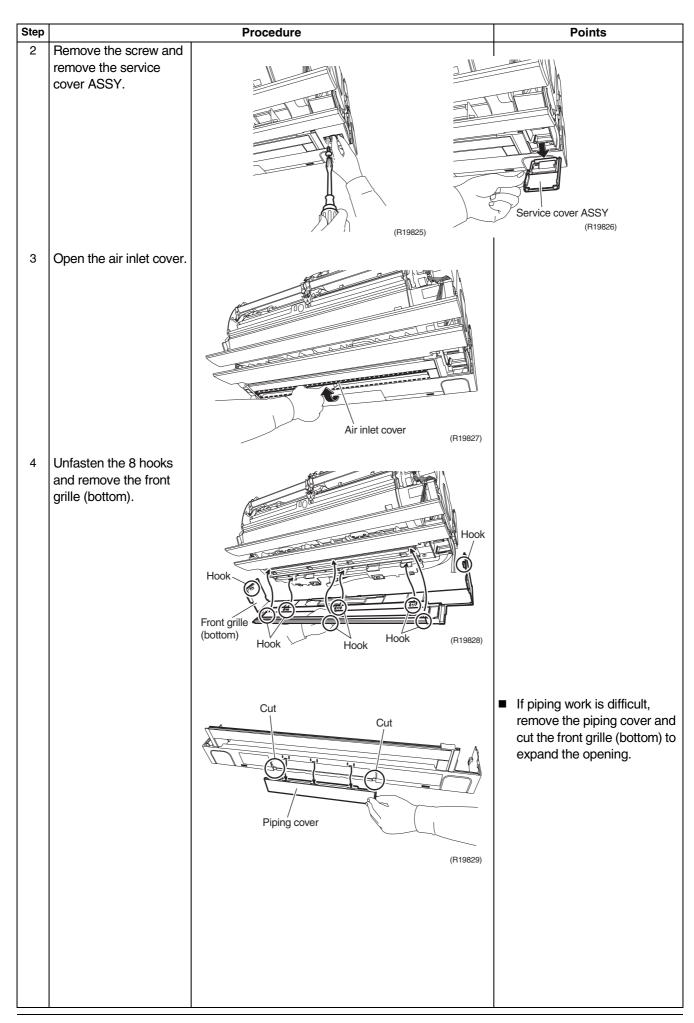


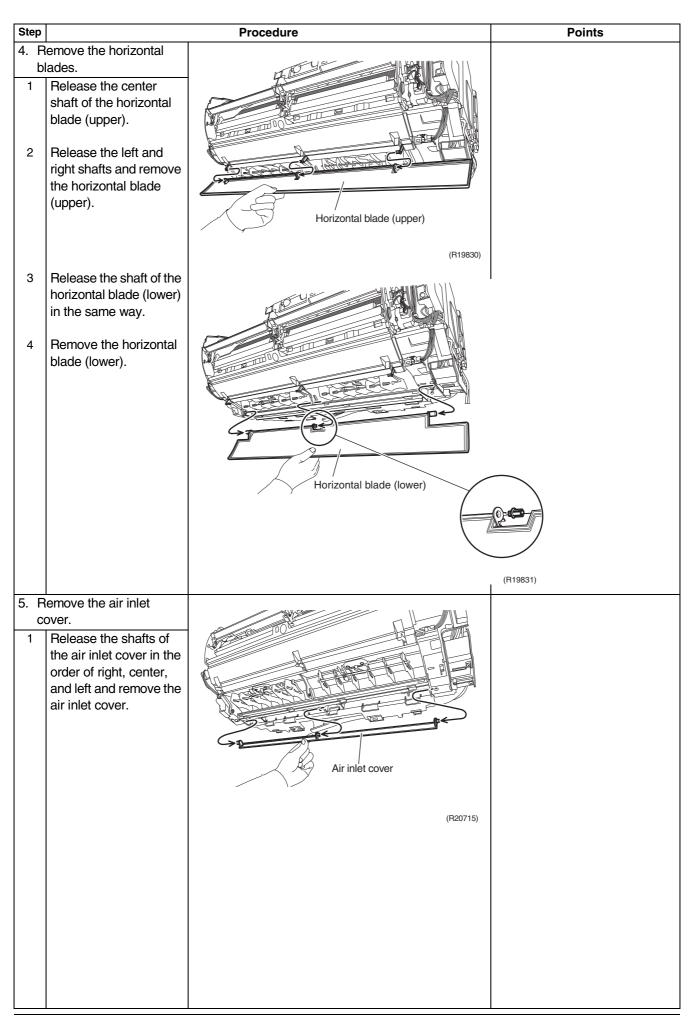
Warning

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









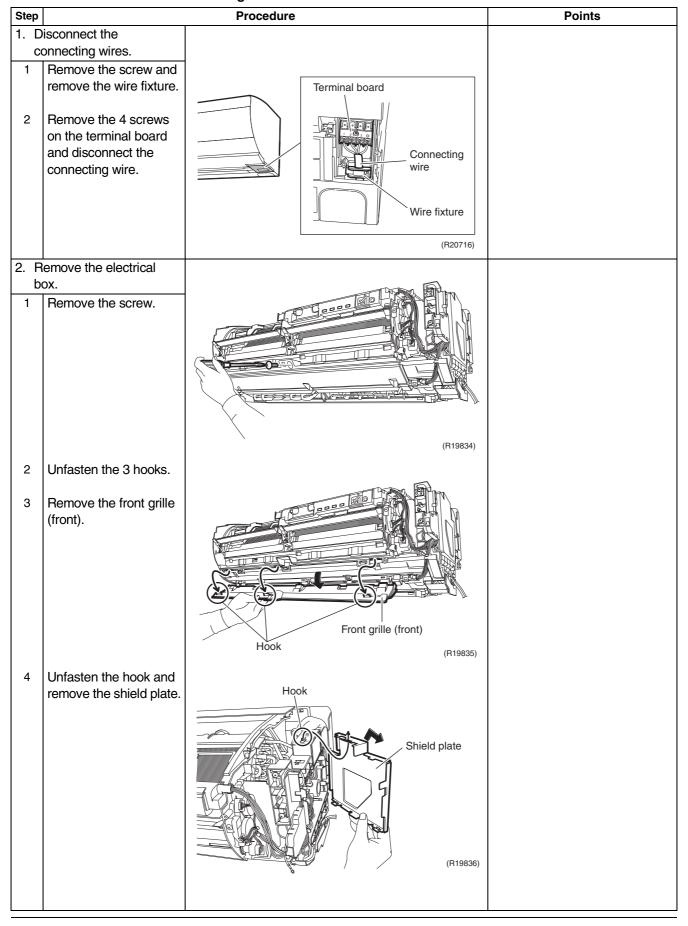
Si041411E Electrical Box / PCBs

### 5. Electrical Box / PCBs

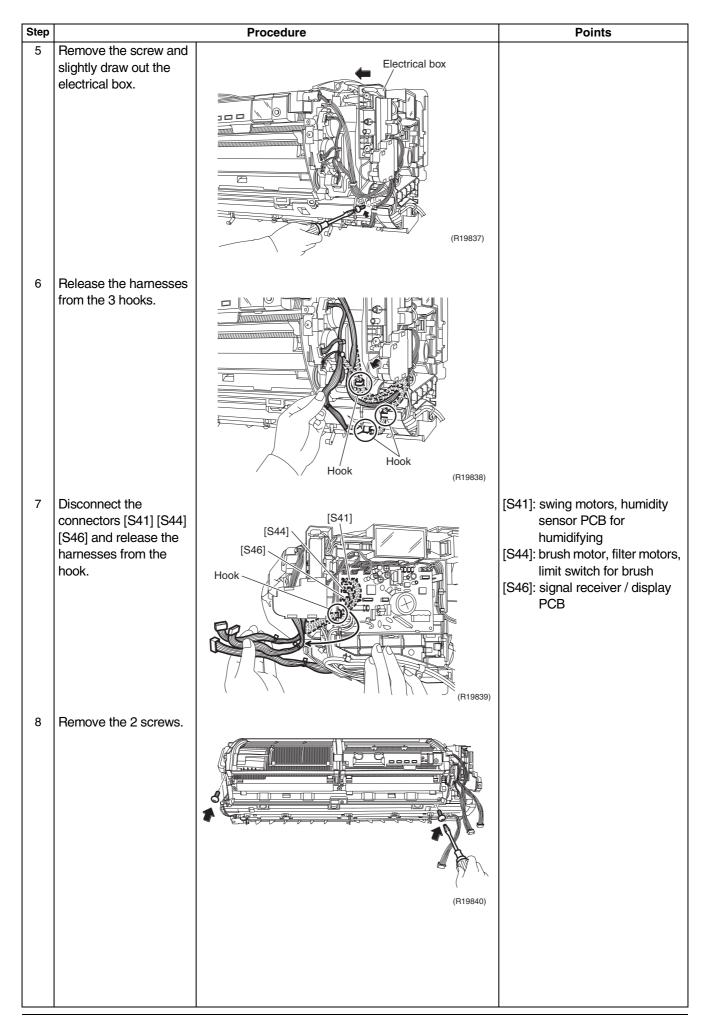


Warning

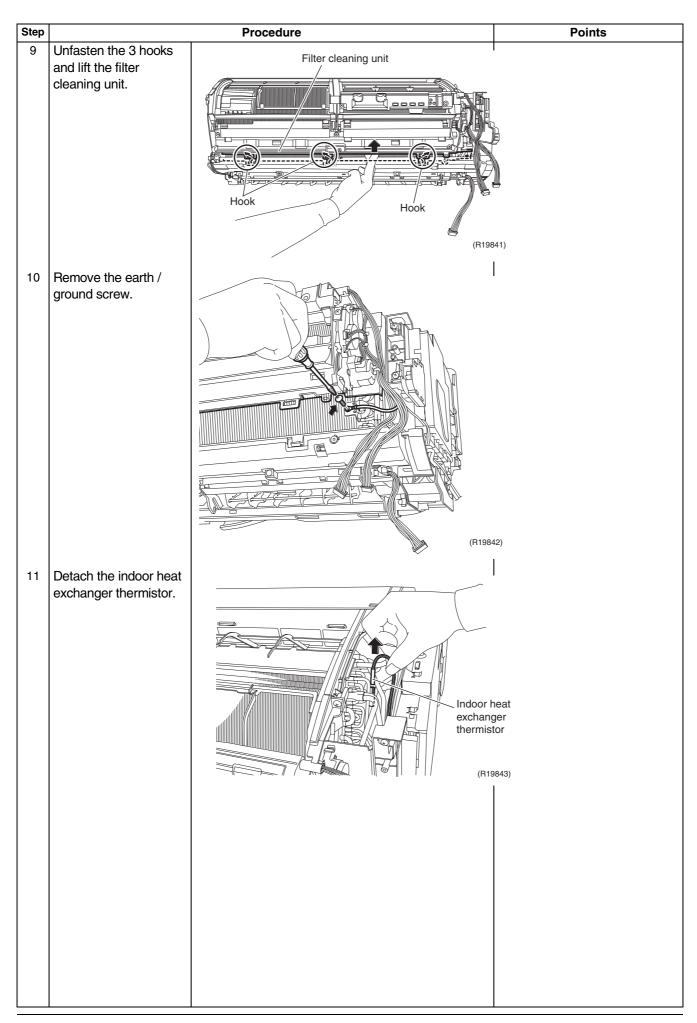
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



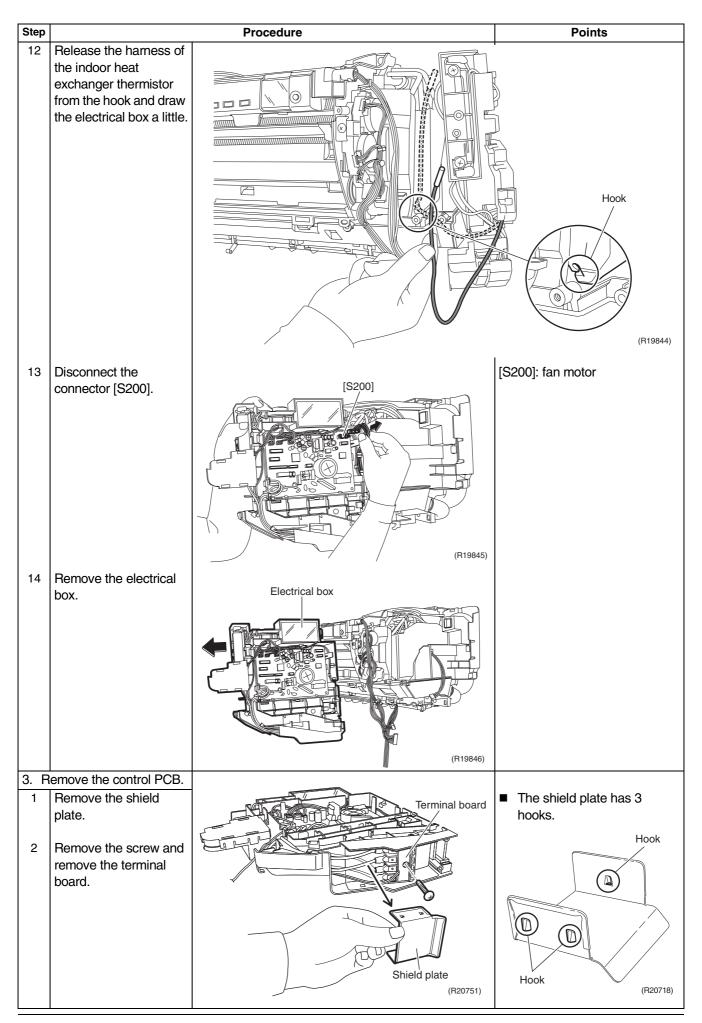
Electrical Box / PCBs Si041411E



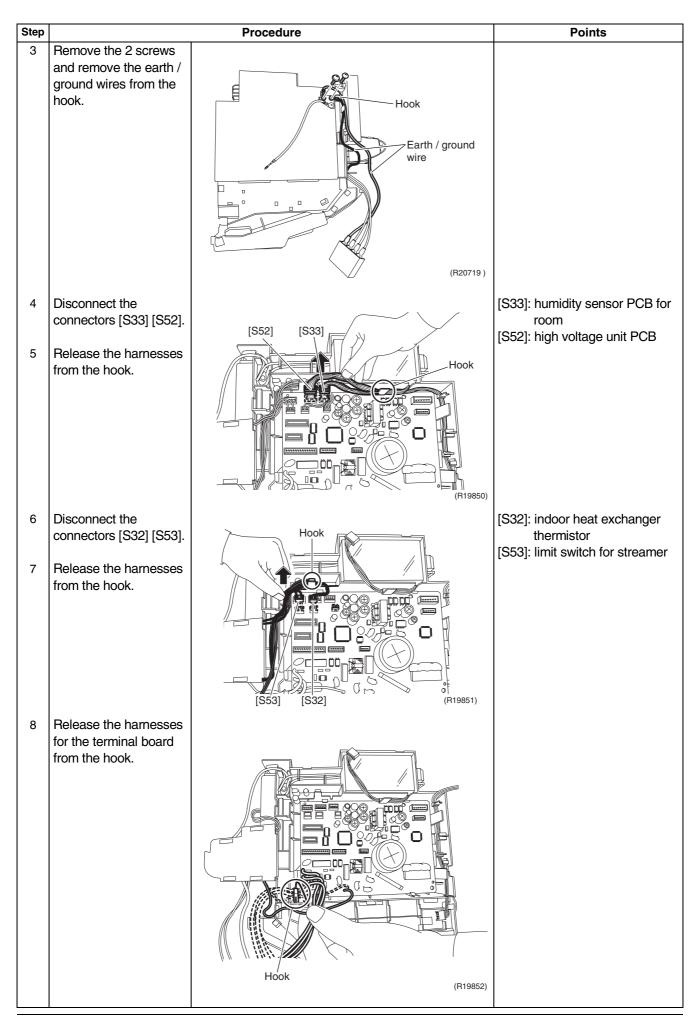
Si041411E Electrical Box / PCBs



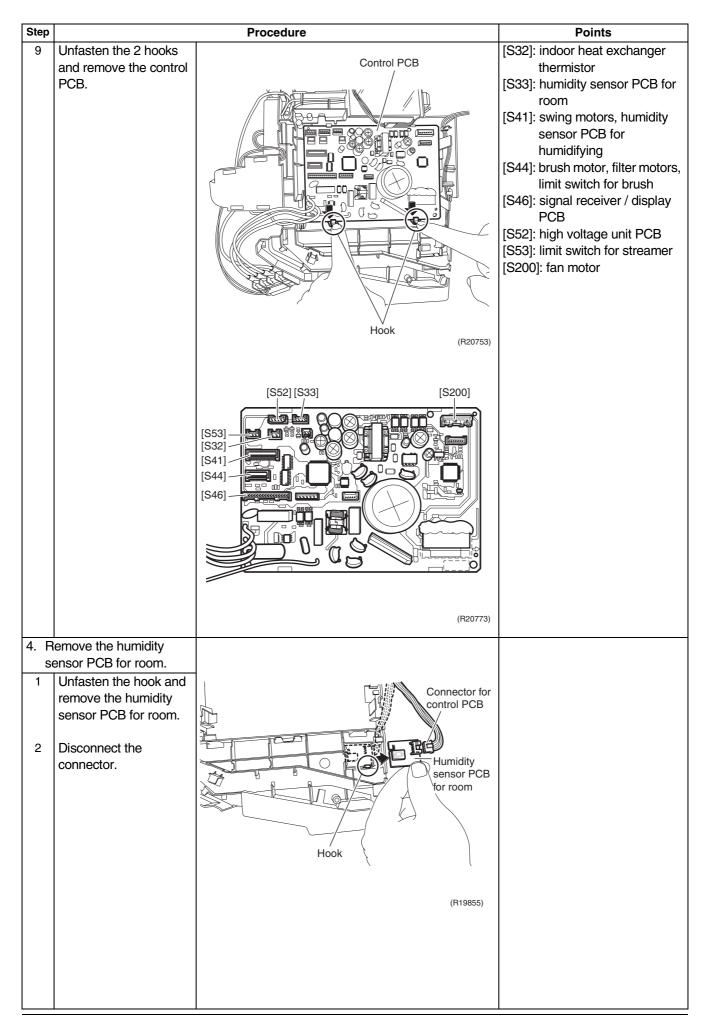
Electrical Box / PCBs Si041411E



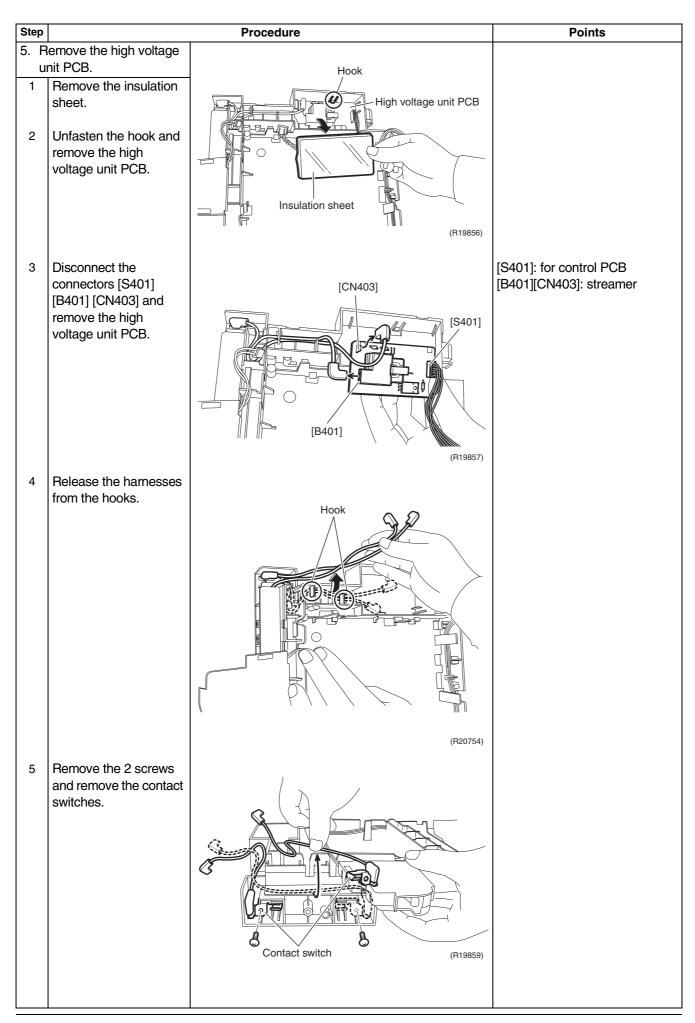
Si041411E Electrical Box / PCBs



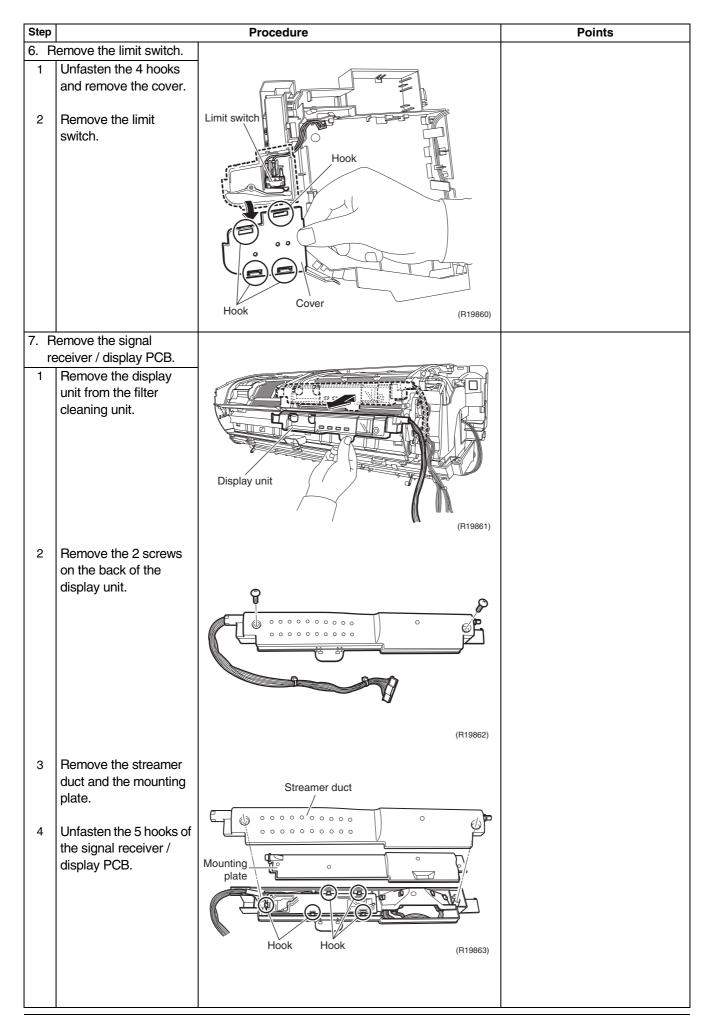
Electrical Box / PCBs Si041411E



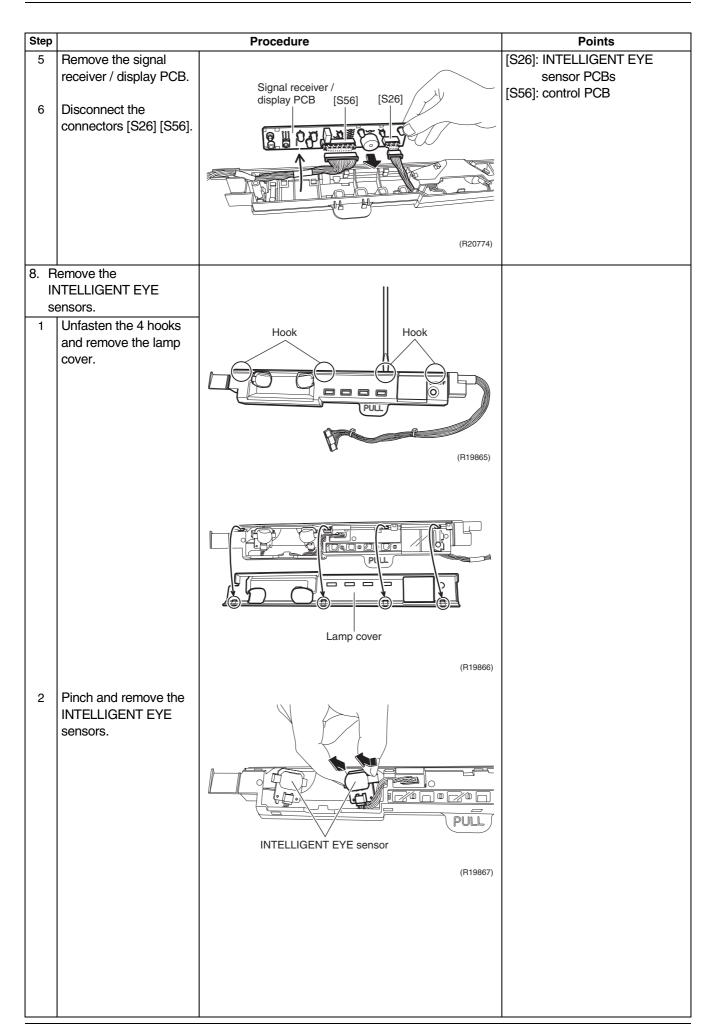
Si041411E Electrical Box / PCBs



Electrical Box / PCBs Si041411E



Si041411E Electrical Box / PCBs



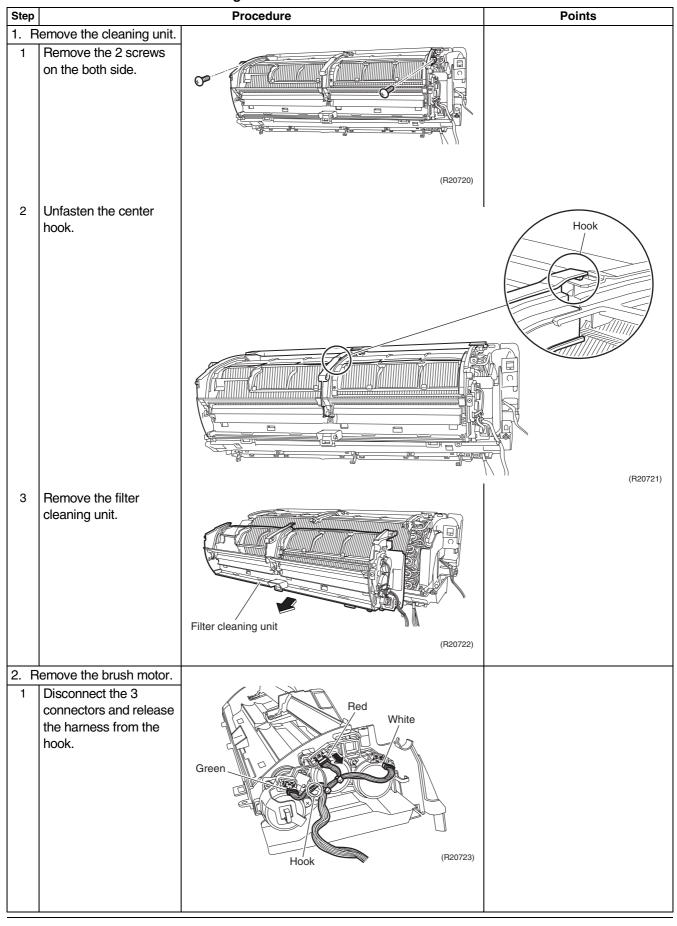
Filter Cleaning Unit Si041411E

### 6. Filter Cleaning Unit

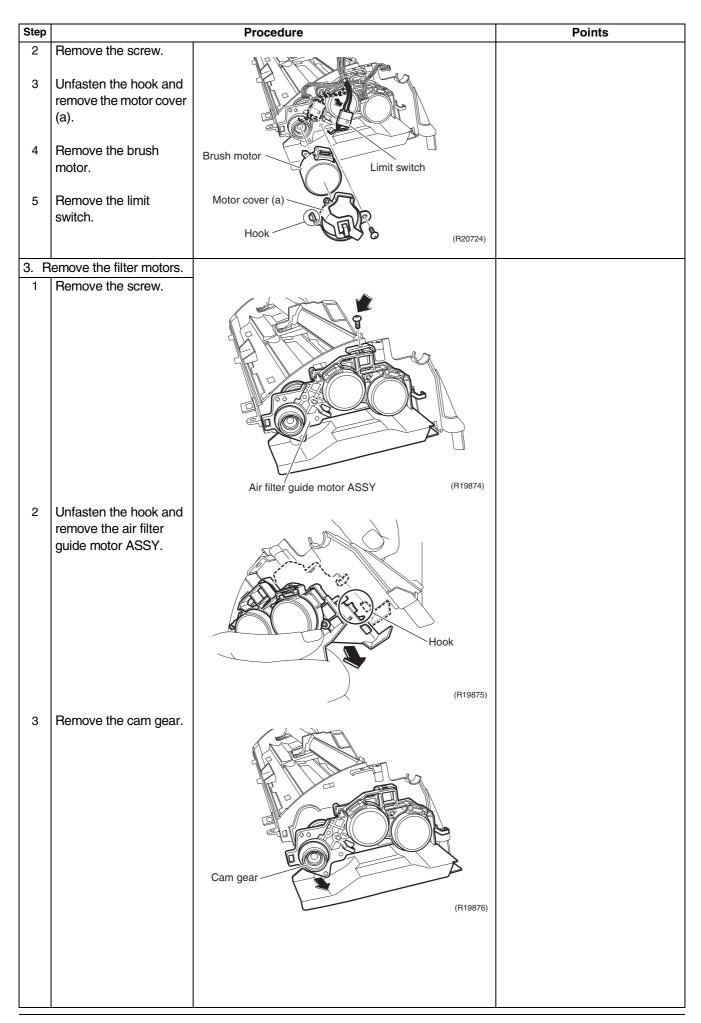


Warning

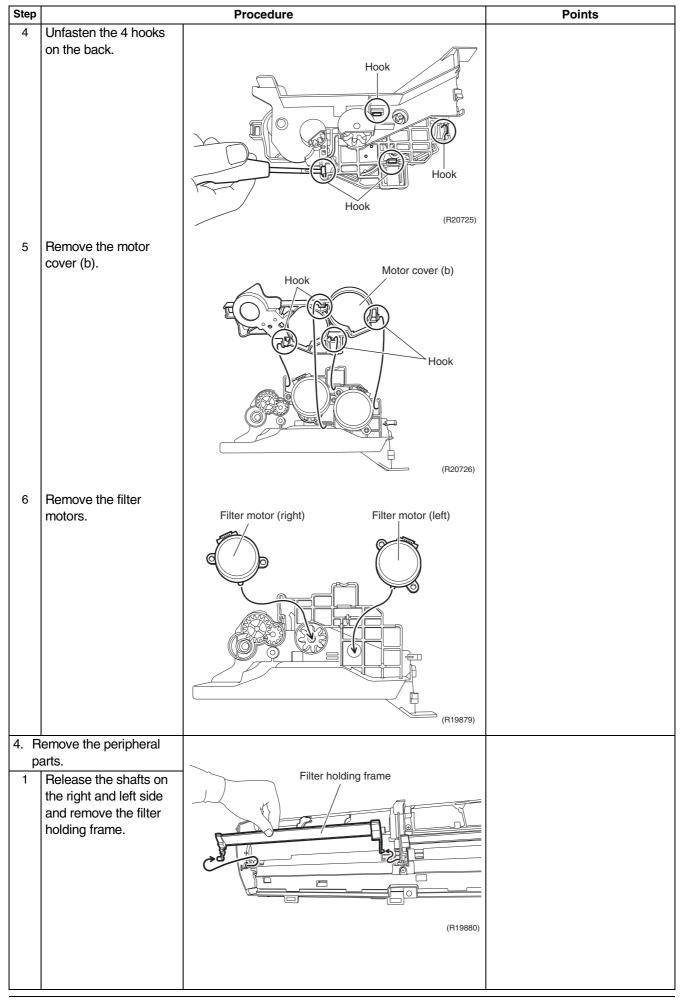
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



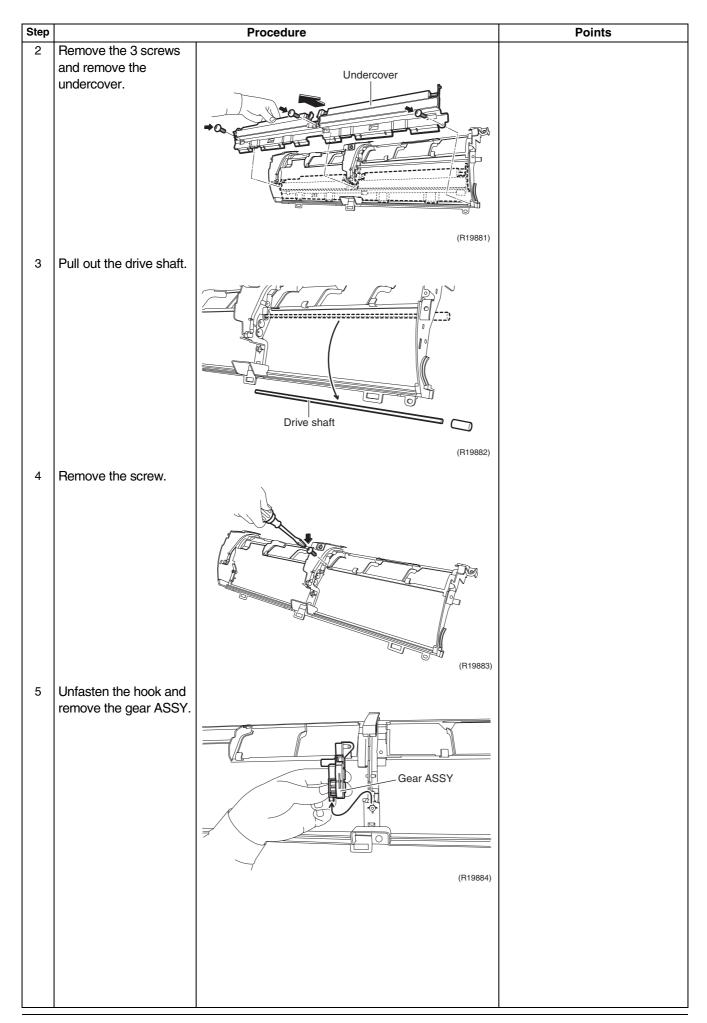
Si041411E Filter Cleaning Unit



Filter Cleaning Unit Si041411E



Si041411E Filter Cleaning Unit



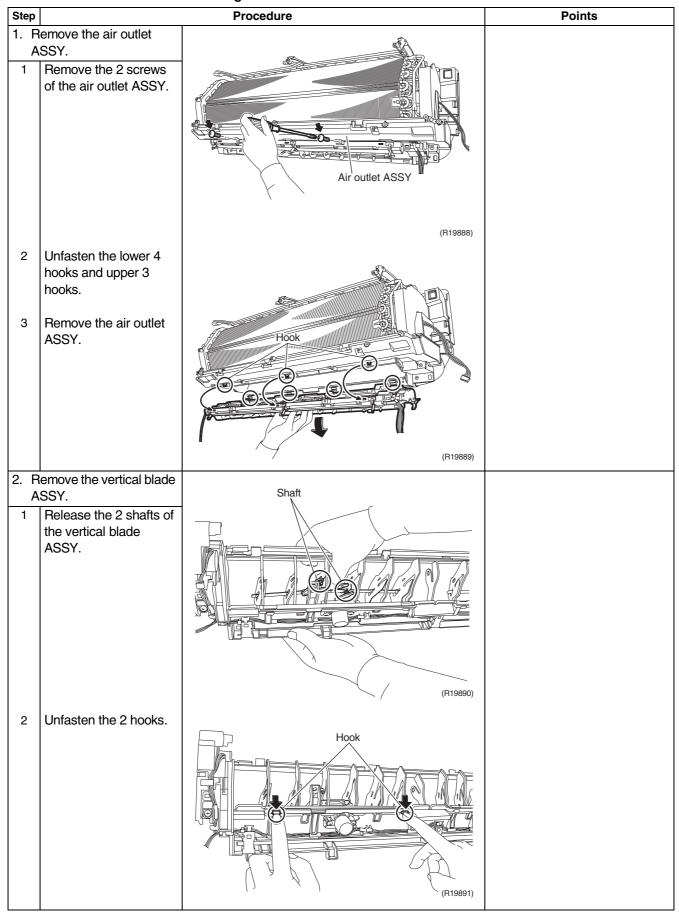
Swing Motors Si041411E

### 7. Swing Motors



Warning

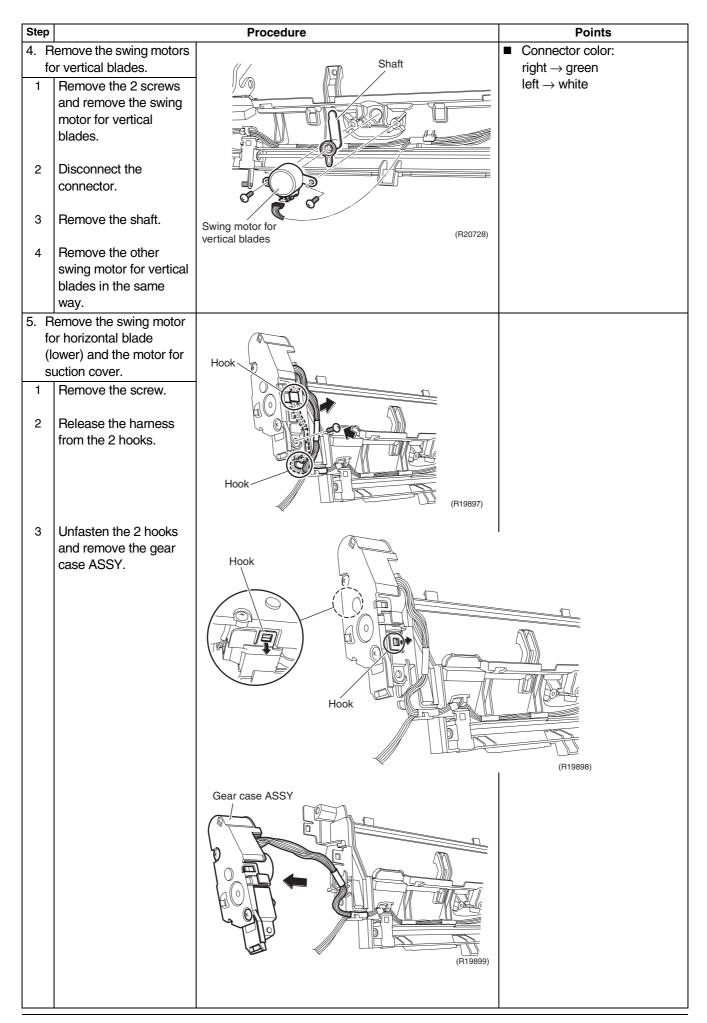
• Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



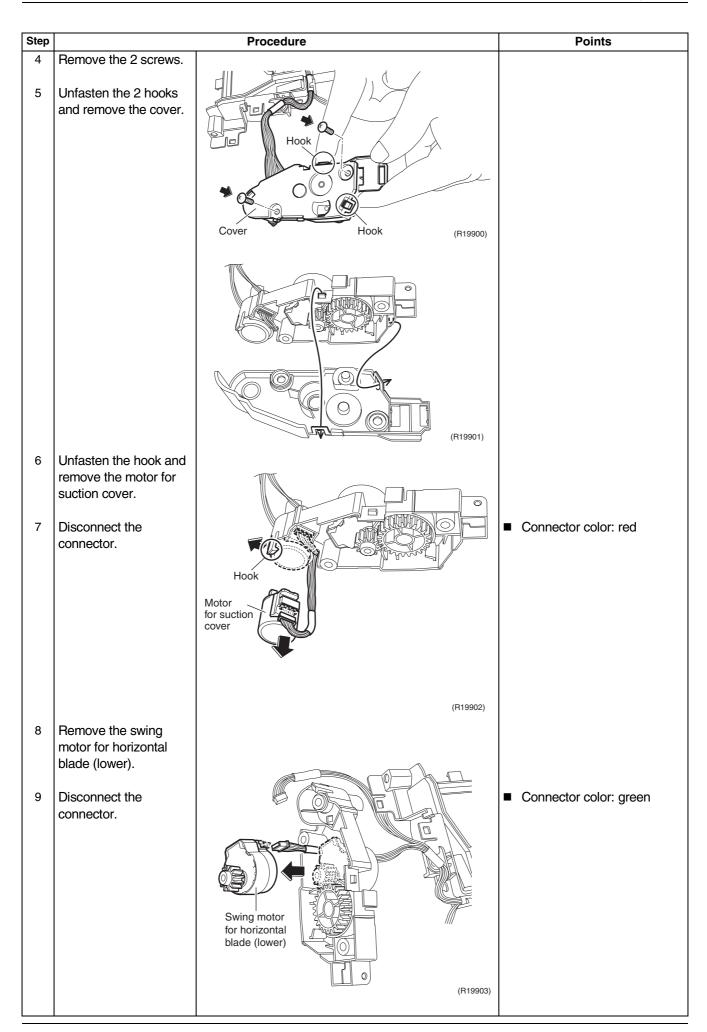
Si041411E Swing Motors

<u> </u>		Bus so dives	B
Step 3	Remove the vertical	Procedure	Points
4	Hemove the vertical blade ASSY.  Remove the other vertical blade ASSY in the same way.	Vertical blade ASSY  (R19892)	
3. R	emove the swing motor		
	or horizontal blade		
1	Ipper). Remove the screw.		
2	Release the harness from the 3 hooks.	Hook (R19893)	
3	Unfasten the 5 hooks		
	and remove the cover link.	Cover link Hook (R20727)	
4	Remove the swing		
	motor for horizontal blade (upper).		
5	Disconnect the connector.	Swing motor for horizontal blade (upper)	■ Connector color: red
		(R19895)	

Swing Motors Si041411E



Si041411E Swing Motors



Indoor Heat Exchanger Si041411E

### 8. Indoor Heat Exchanger

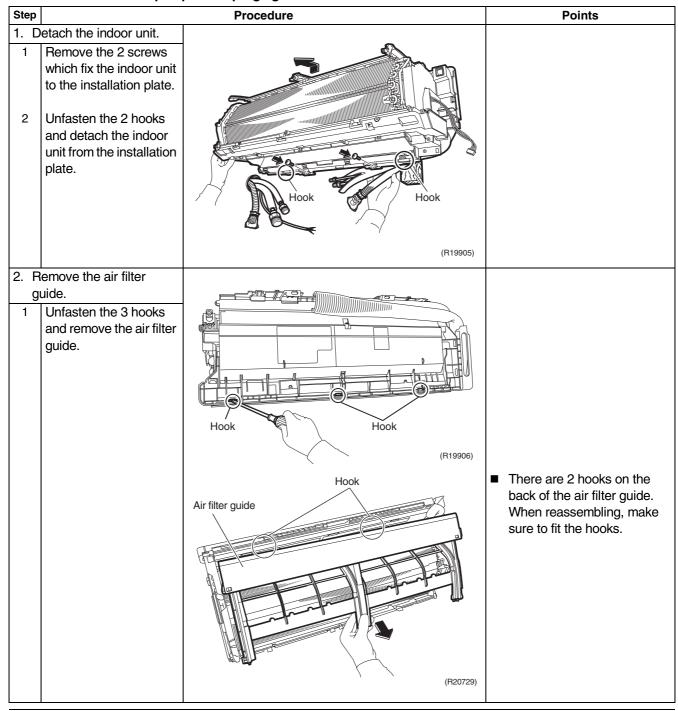


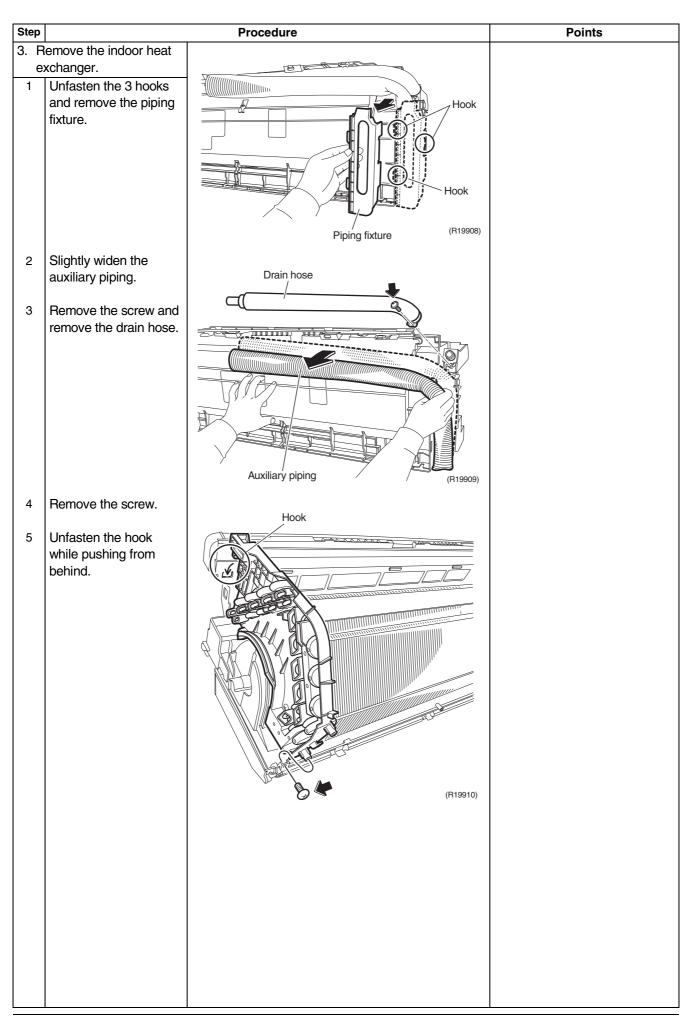
Warning

- 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.)

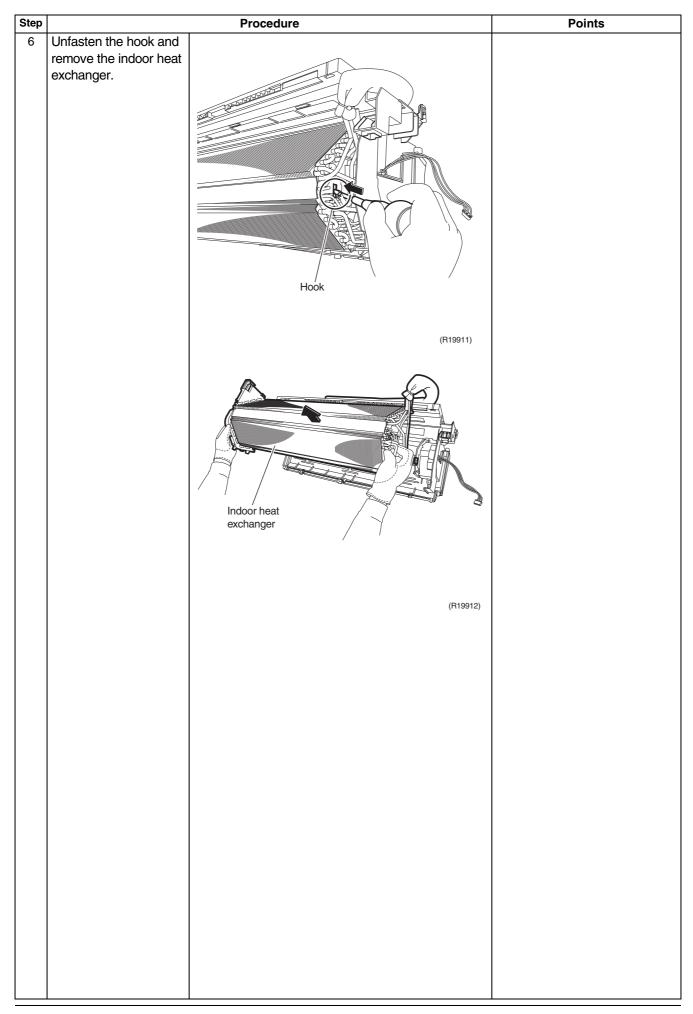


- Be sure to conduct pump down operation before disassembling the refrigerant pipe.
- If the refrigerant leaks, repair the spot of leaking, then collect all refrigerant from the unit. After conducting vacuum drying, recharge proper amount of refrigerant.
- From the viewpoint of global environmental protection,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





Indoor Heat Exchanger Si041411E



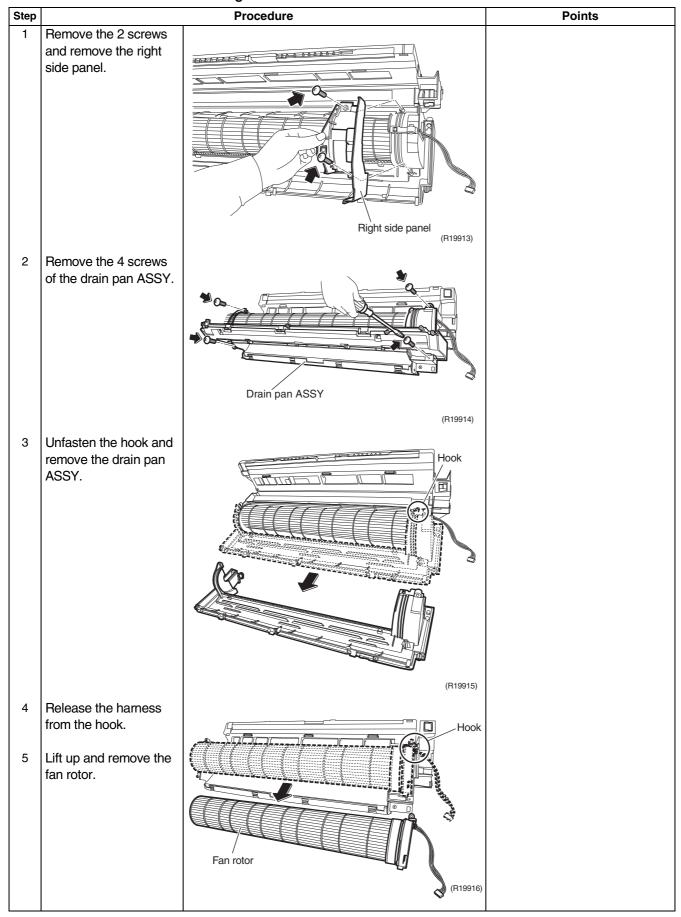
Si041411E Fan Rotor / Fan Motor

#### 9. Fan Rotor / Fan Motor

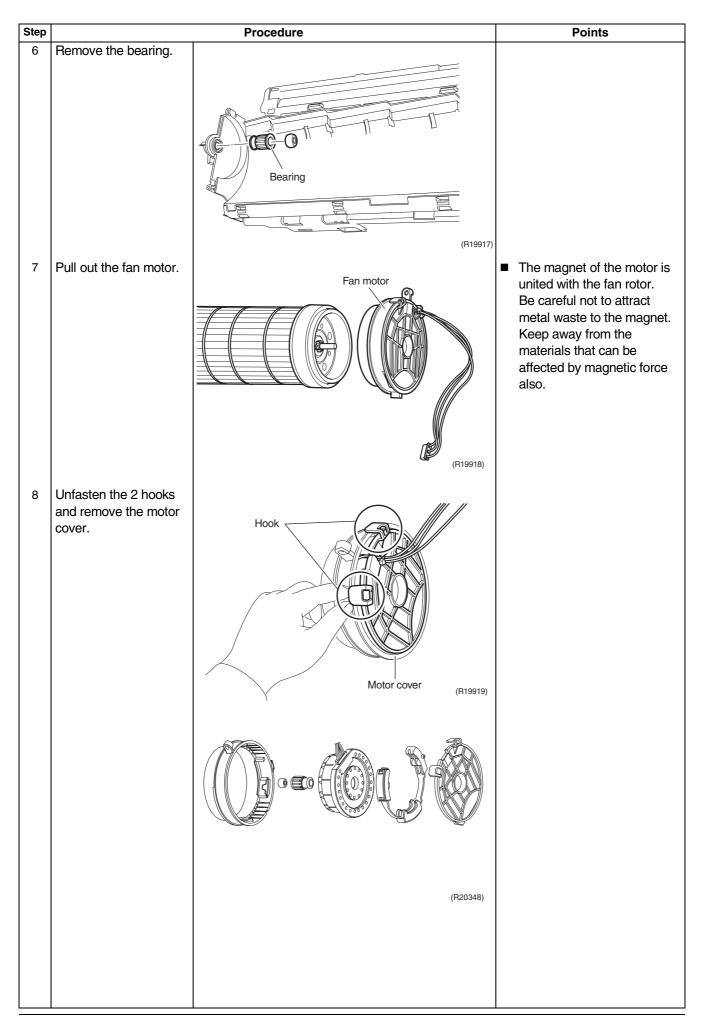


Warning

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



Fan Rotor / Fan Motor Si041411E



## **Revision History**

Month / Year	Version	Revised contents	
08 / 2014	Si041411E	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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