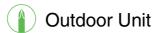




### SERVICE MANUAL

# 2.0/2.5/3.5 kW Class 9000/12000 Btu/h Class



Inverter/Hybrid

Pair Type



# Service Manual Removal Procedure

## **Outdoor Unit**

### **Applicable Models**

Cooling Only

RKS09HV2S RKS12HV2S

RKS20KVMA RKS25KVMA

RKS35KVMA

RN25KV1A RN35KV1A

RN35KAV1A

Heat Pump

RXG25J2V1B RXG35J2V1B

RXG25K2V1B RXG35K2V1B

RXS20K2V1B RXS25K2V1B

RXS20KVMA RXS25KVMA RXS35KVMA

RYN25KV1A RYN35KV1A

RYN35KAV1A

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6.	Removal of Four Way Valve	25
	Removal of Compressor	



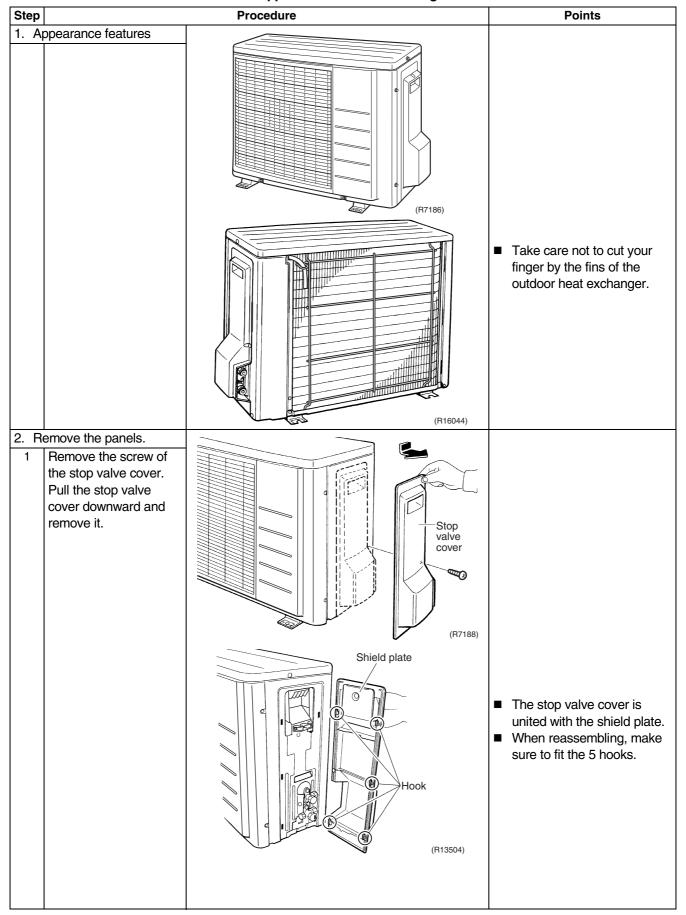
- The illustrations may be slightly different depending on the model.
- The illustrations are for heat pump models as representative.

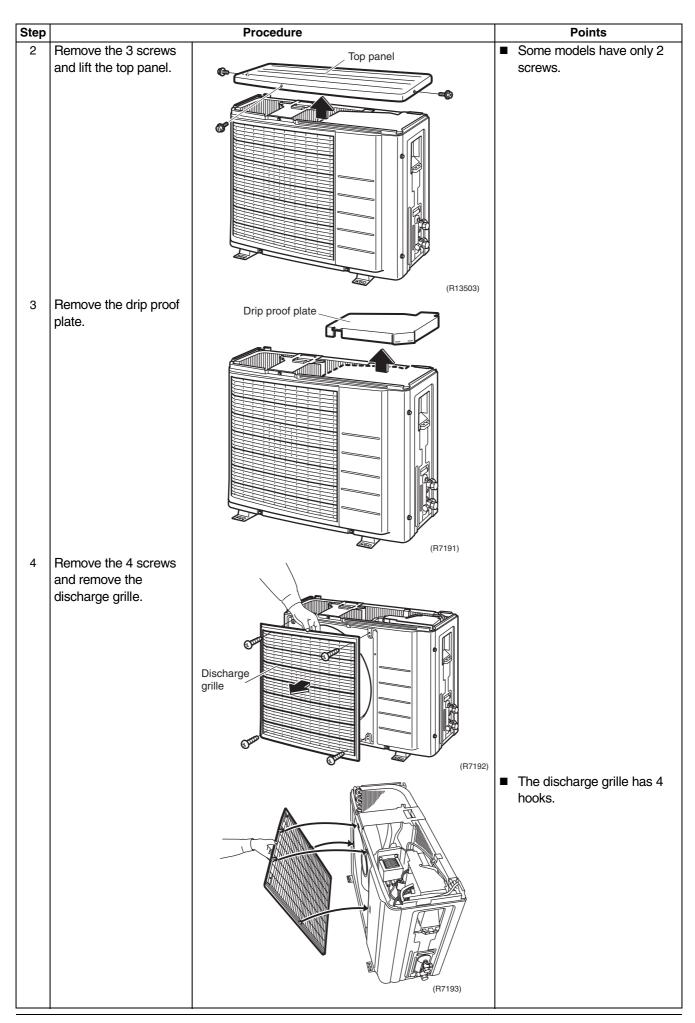
## 1. Removal of Outer Panels / Fan Motor

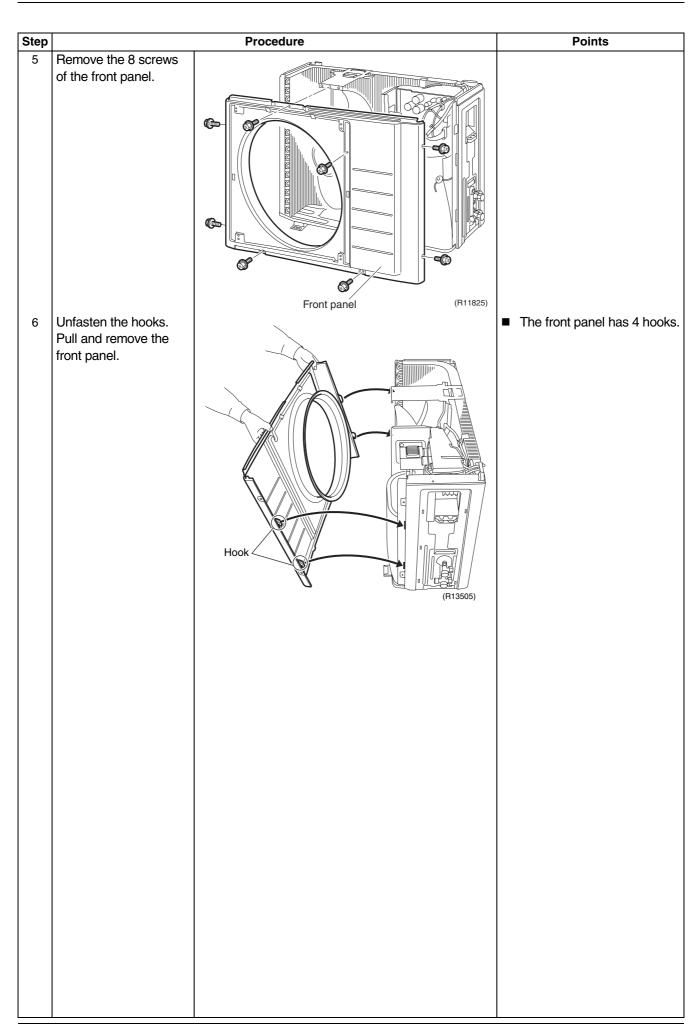
**Procedure** 

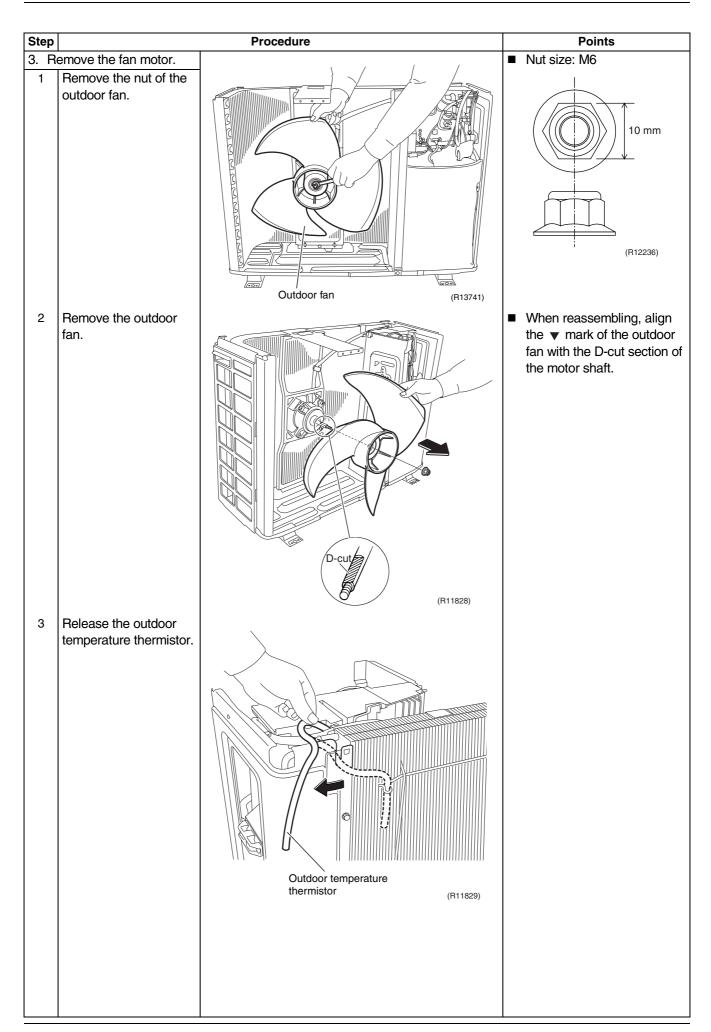
**Warning** 

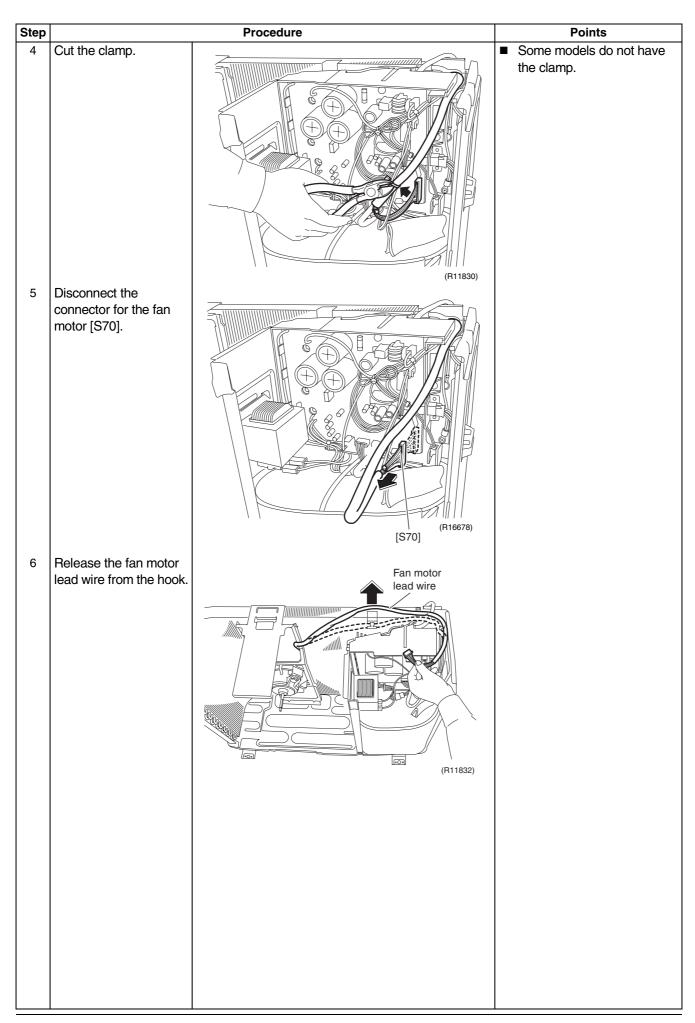
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

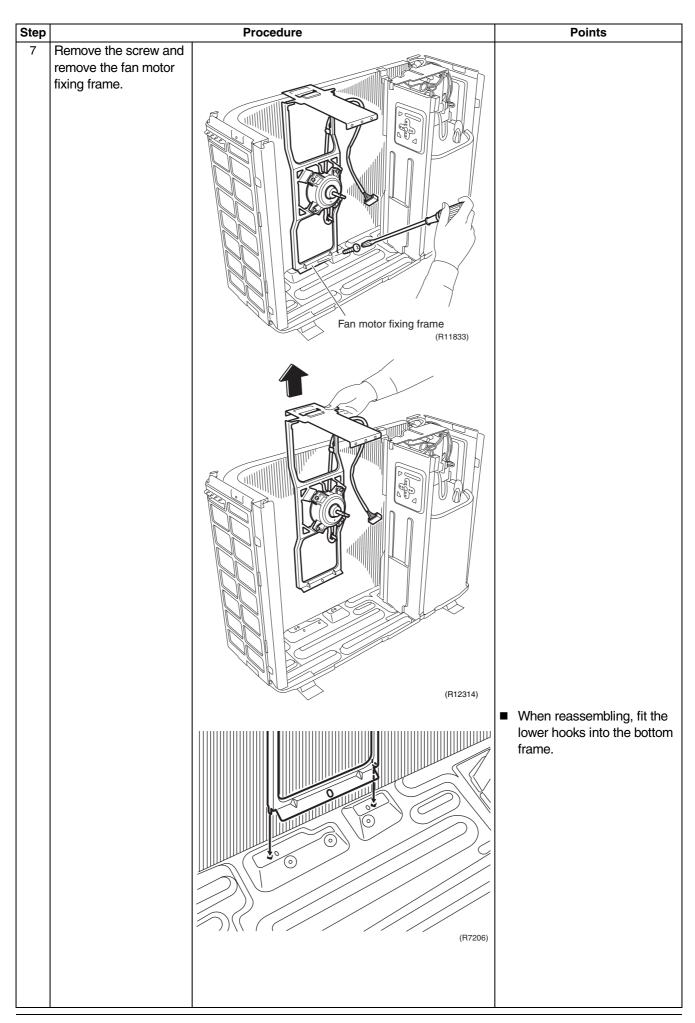




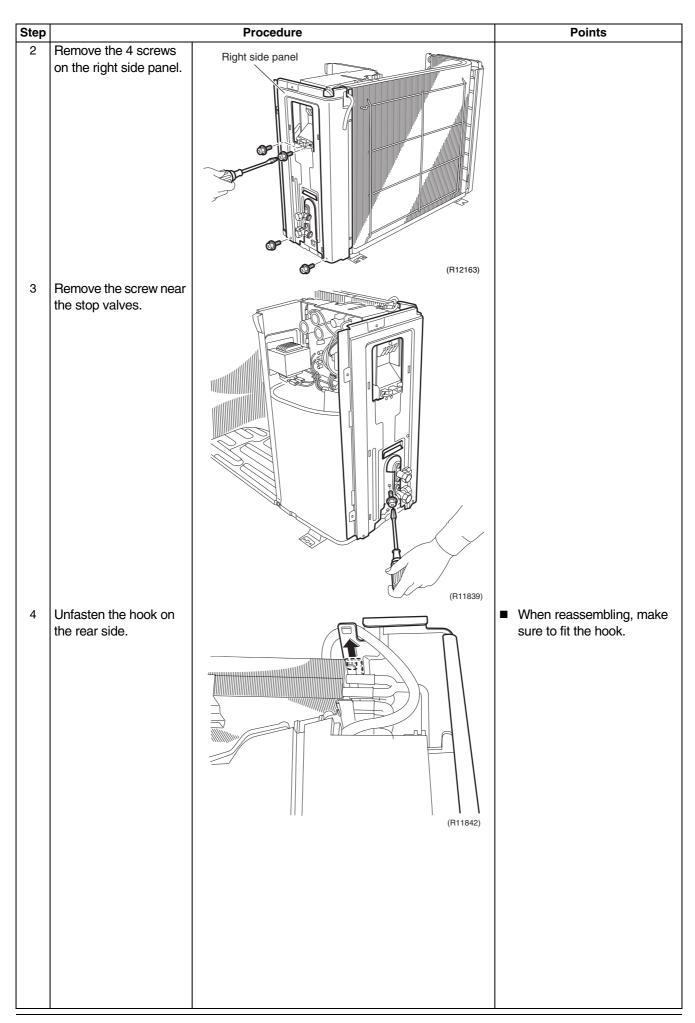


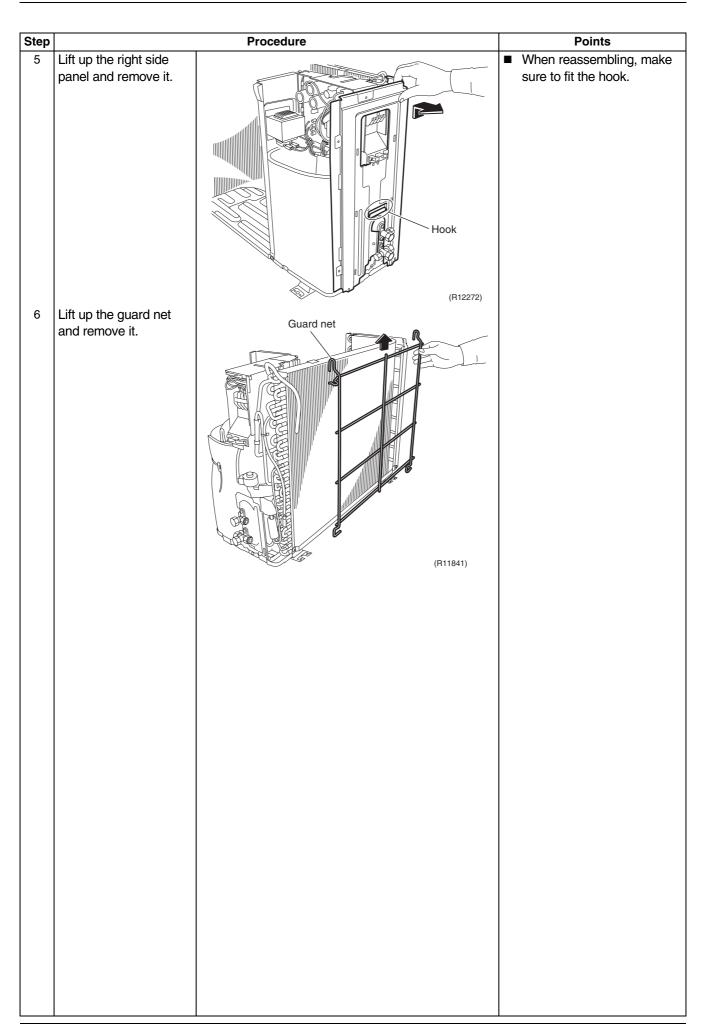






Step		Procedure	Points
8	Open the 2 hooks and release the fan motor lead wire.	(R11835)	When reassembling, put the fan motor lead wire through the back of the fan motor so as not to be entangled with the outdoor fan.  Lead wire Outdoor fan (R3249)
9	Remove the 4 screws and remove the fan motor.	Fan motor (R12311)	
	emove the right side anel.  Remove the 2 screws on the rear side.	(R12162)	



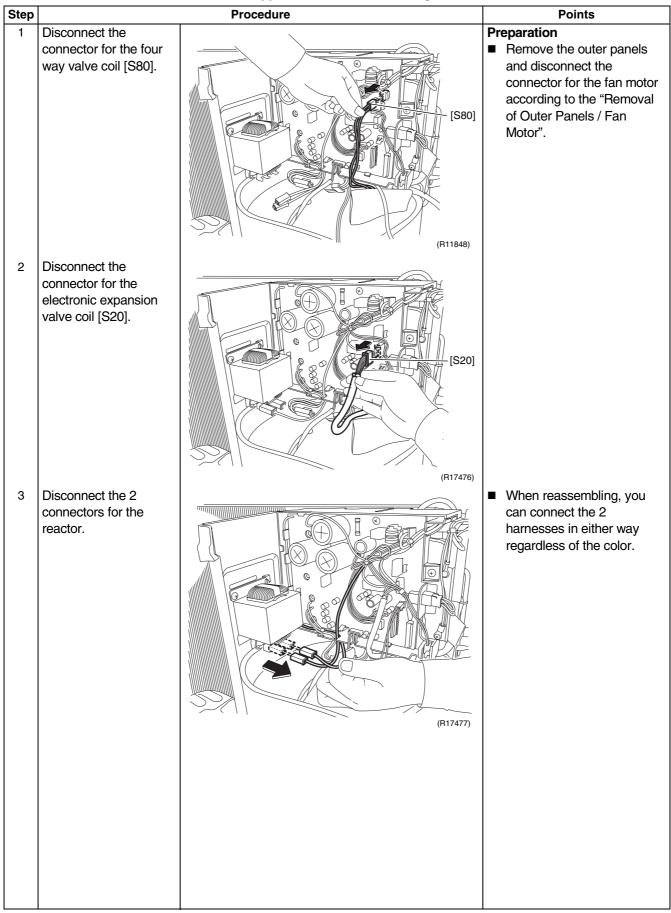


Si001156 Removal of Electrical Box

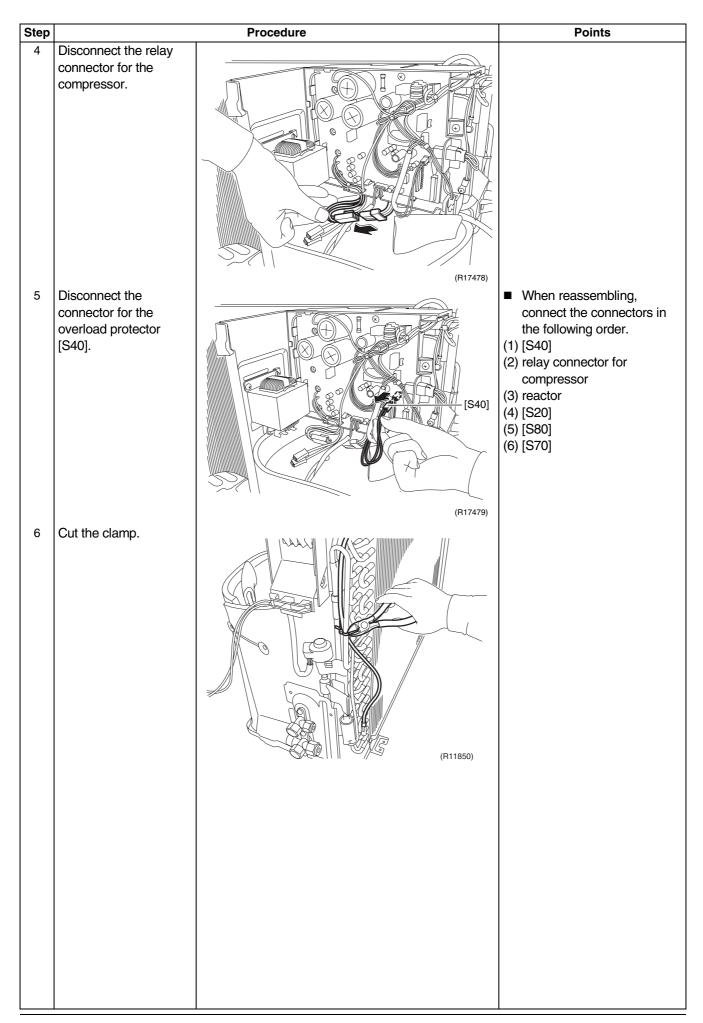
## 2. Removal of Electrical Box

#### **Procedure**

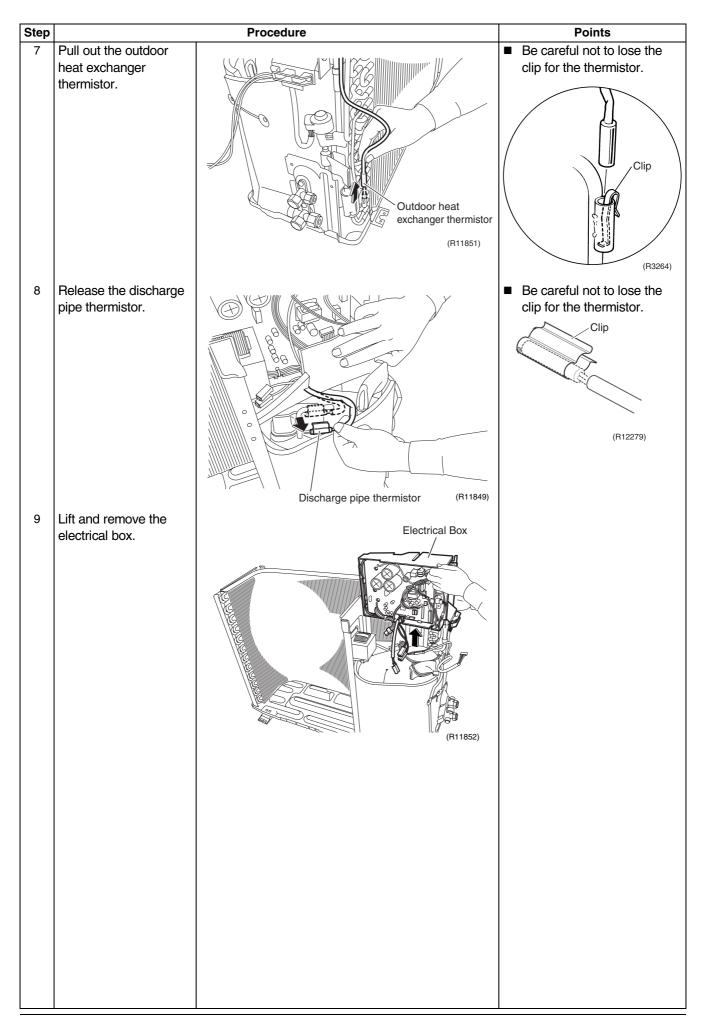
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Removal of Electrical Box Si001156



Si001156 Removal of Electrical Box



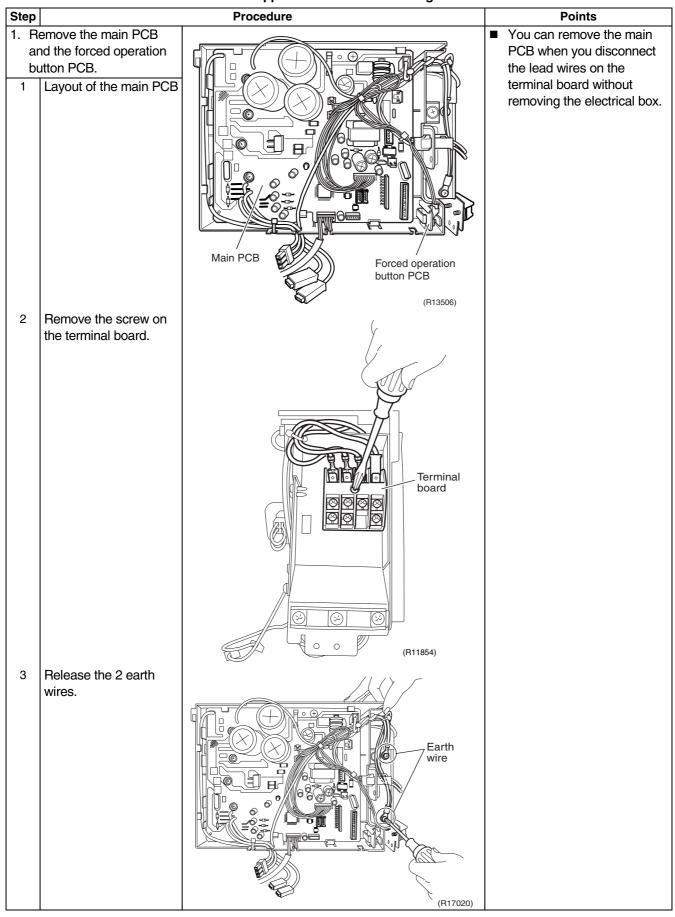
Removal of PCBs Si001156

## 3. Removal of PCBs

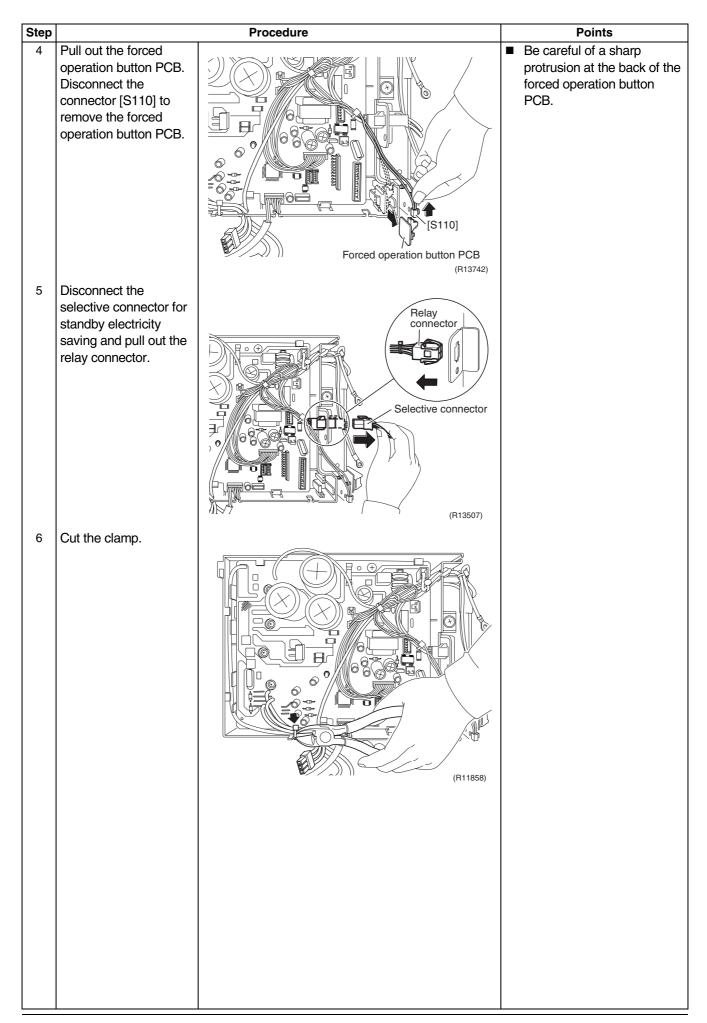
#### **Procedure**

Warning

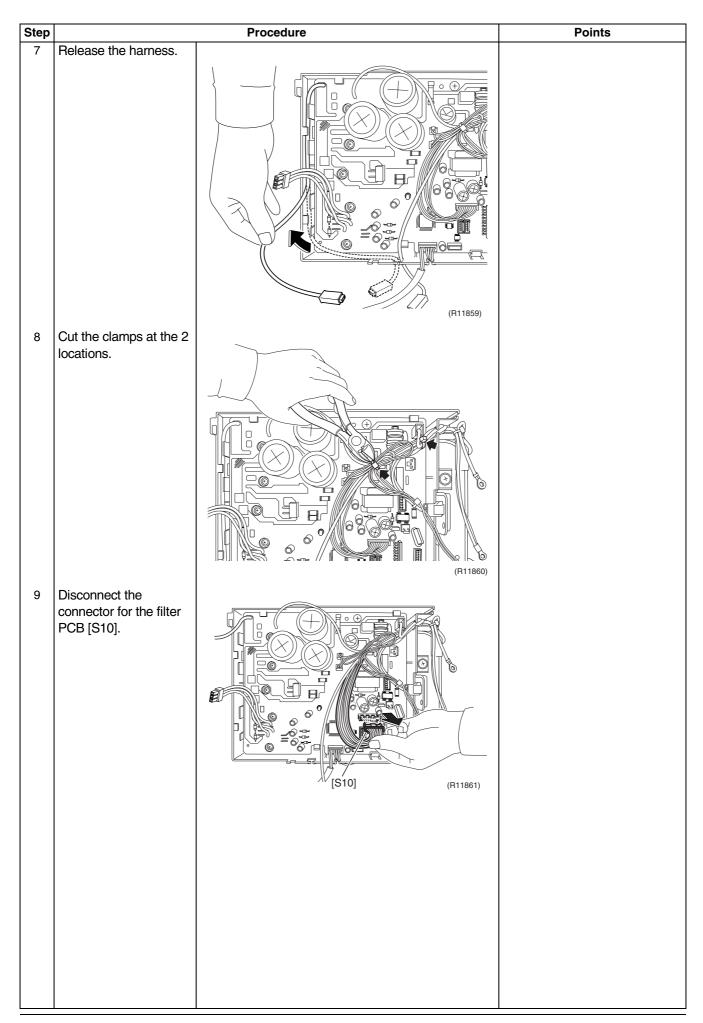
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



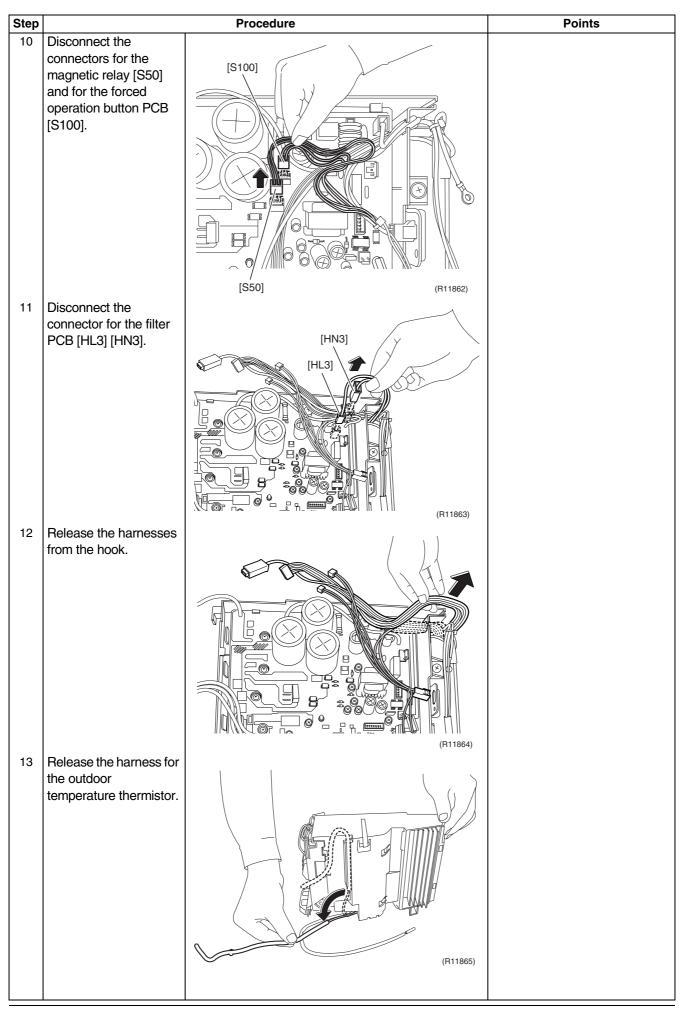
Si001156 Removal of PCBs



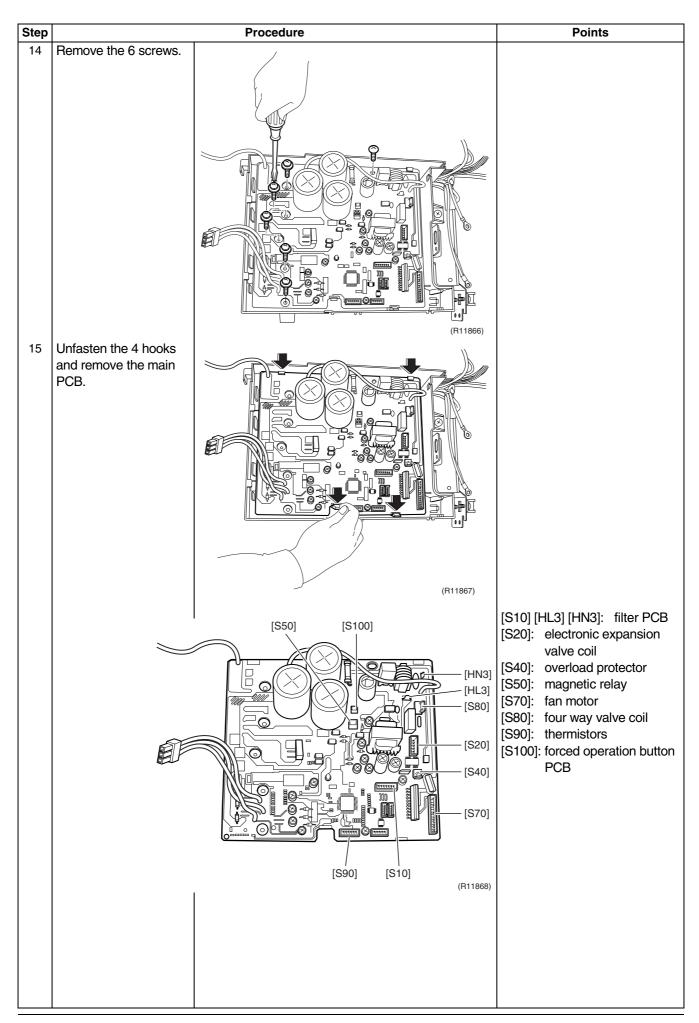
Removal of PCBs Si001156



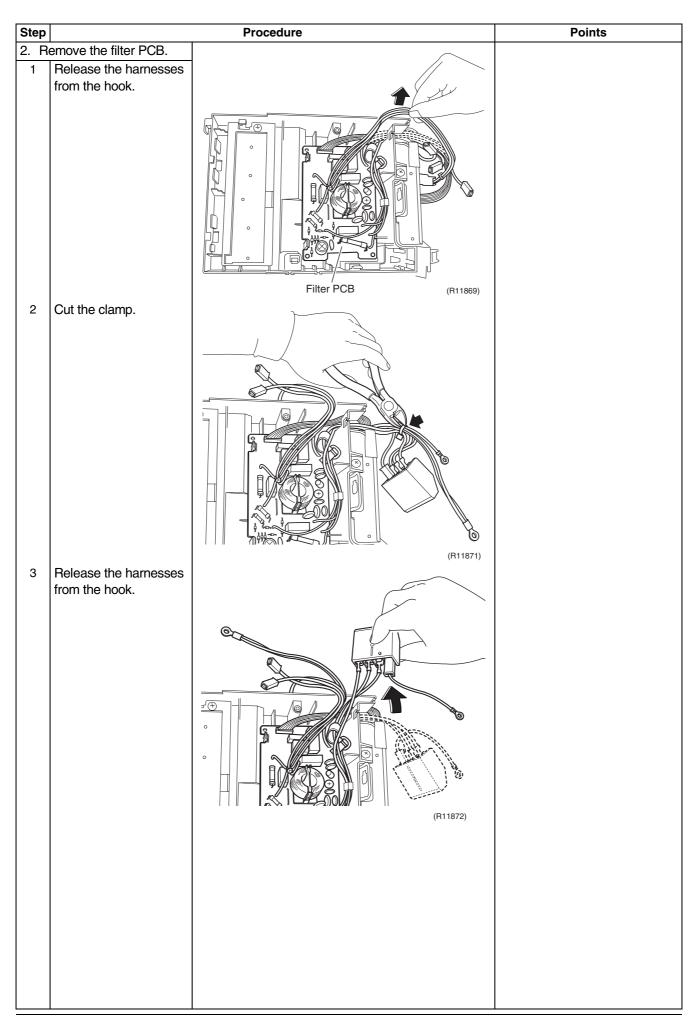
Si001156 Removal of PCBs



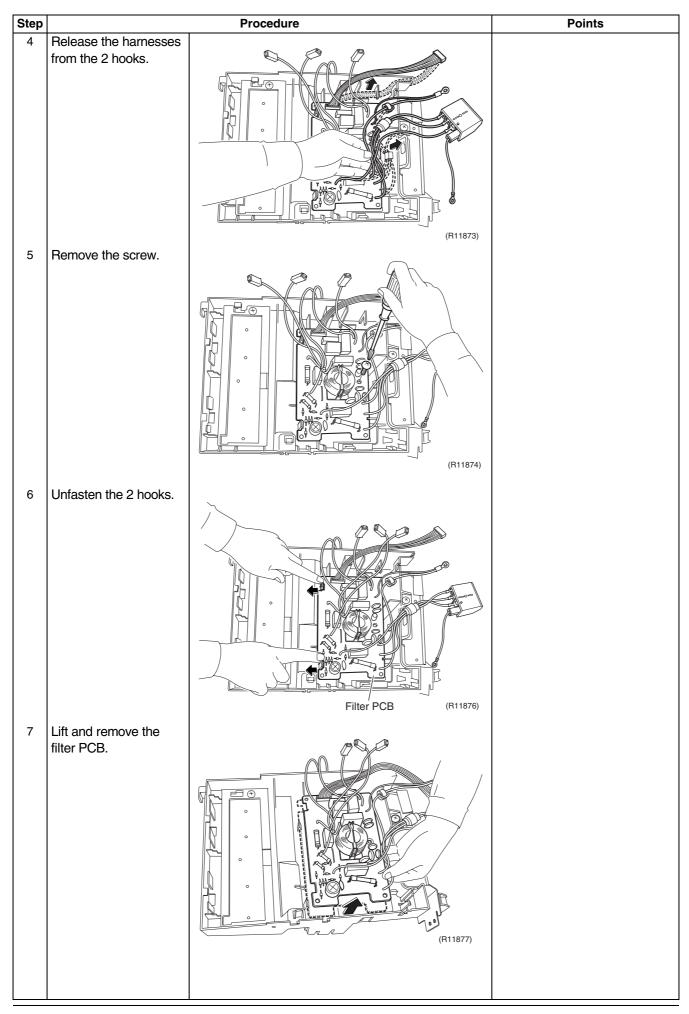
Removal of PCBs Si001156



Si001156 Removal of PCBs



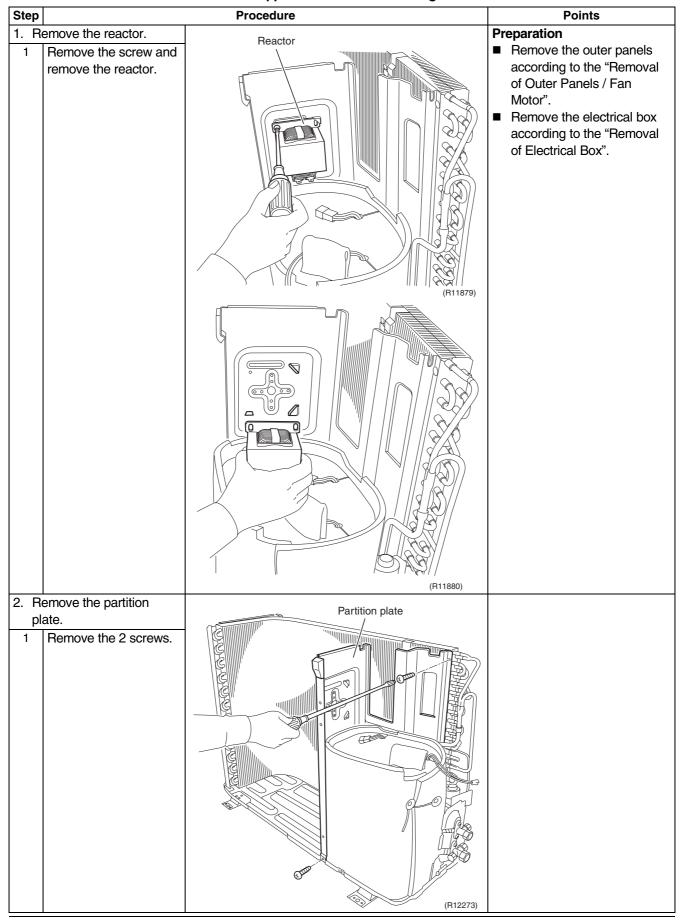
Removal of PCBs Si001156



## 4. Removal of Reactor / Partition Plate

**Procedure** 

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



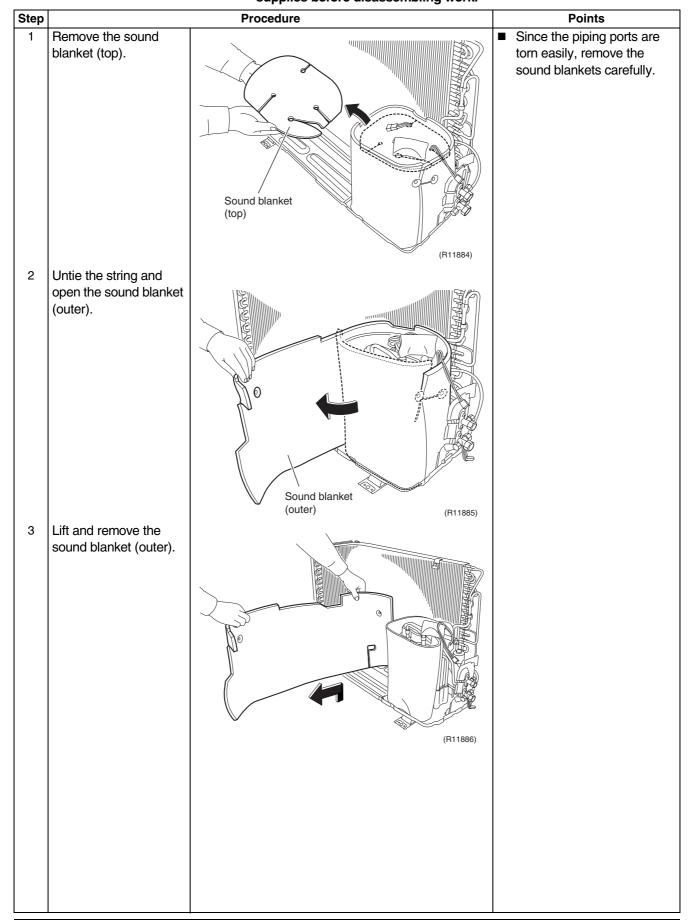
Cton	1	Dunandura	Deinte
2	The partition plate has 2 hooks on the lower side. Lift and pull the partition plate to remove.	Procedure  Hook (R13508)	When reassembling, fit the lower hooks into the bottom frame.  ■ When reassembling, fit the lower hooks into the bottom frame.

Removal of Sound Blankets

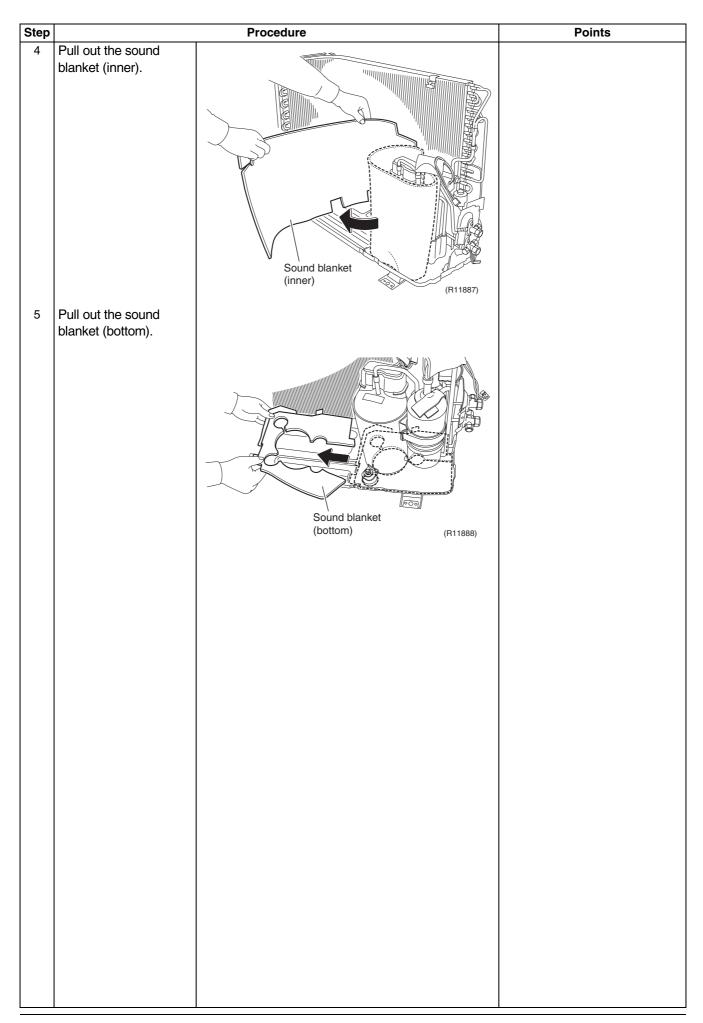
## 5. Removal of Sound Blankets

**Procedure** 

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



Removal of Sound Blankets Si001156

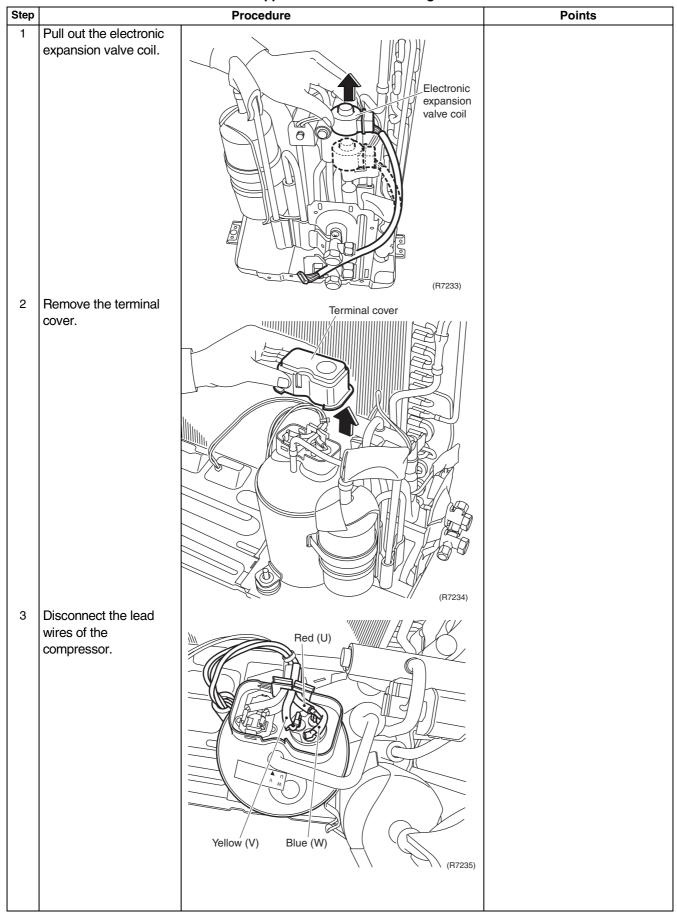


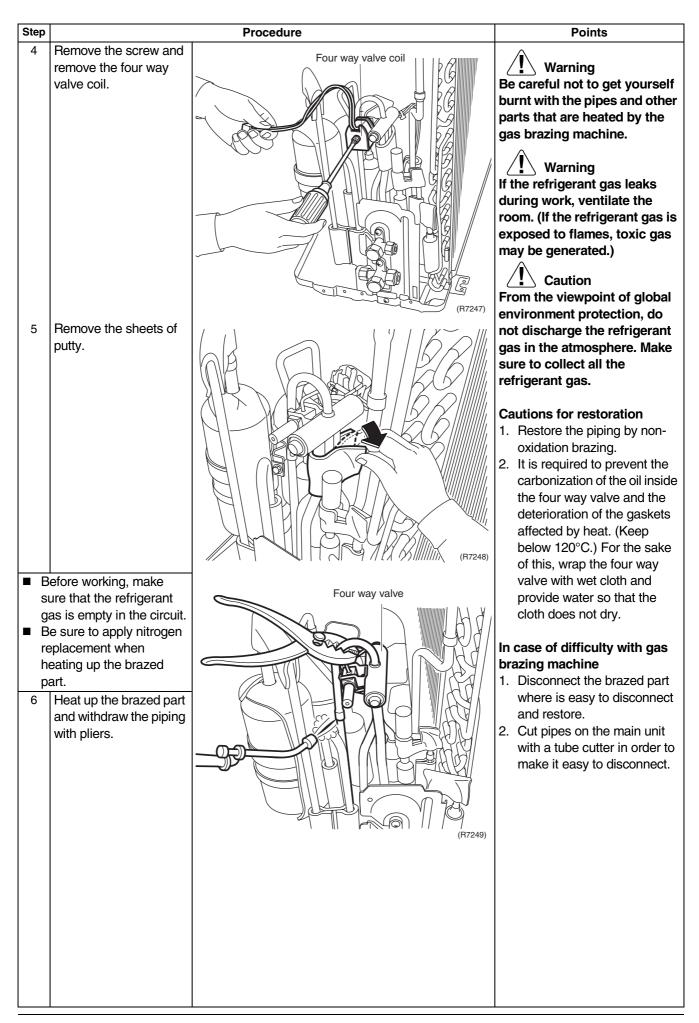
## 6. Removal of Four Way Valve

**Procedure** 

**Warning** 

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





Step	Procedure	Points
	(K7250	Note:  ■ Do not use a metal saw for cutting pipes by all means because the sawdust comes into the circuit.  ■ When withdrawing the pipes, be careful not to pinch them firmly with pliers. The pipes may get deformed.  ■ Provide a protective sheet or

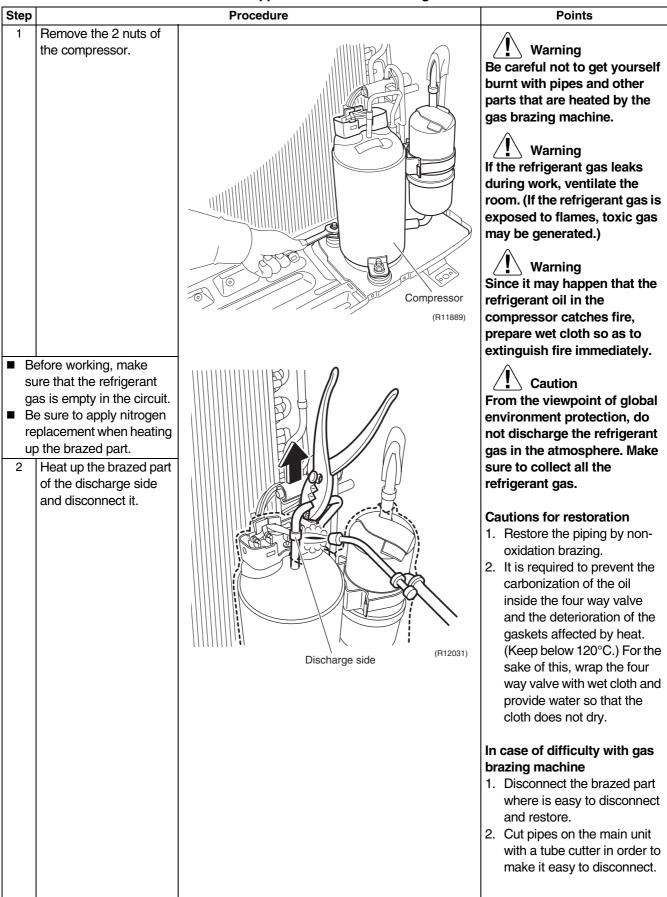
Removal of Compressor Si001156

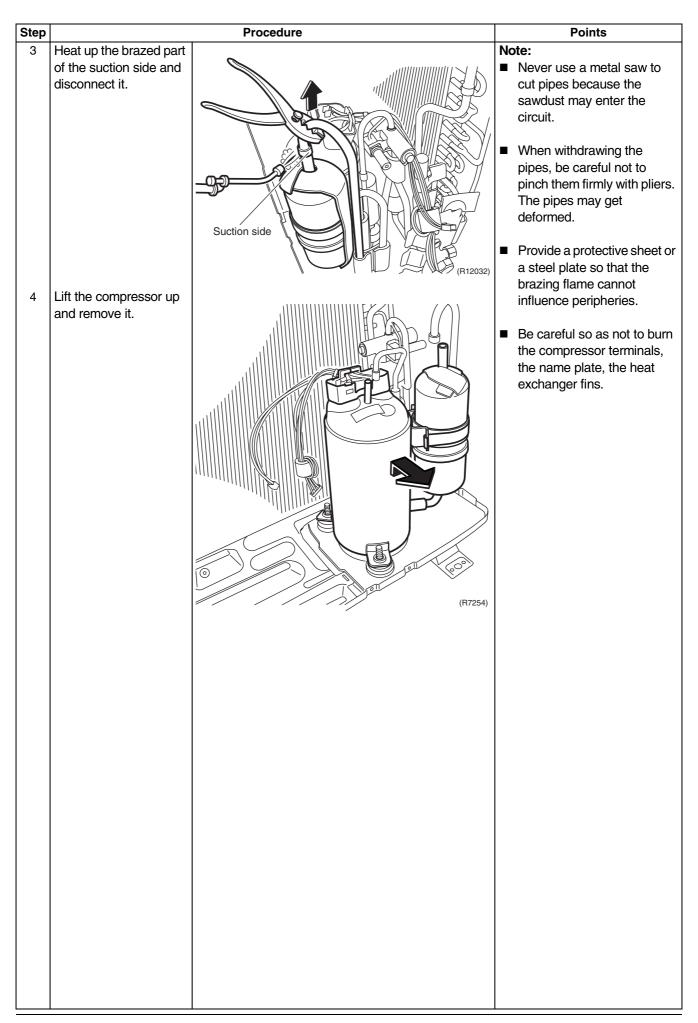
## 7. Removal of Compressor

#### **Procedure**

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
08/2012	Si001156	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/

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