



SERVICE MANUAL

2.5/3.5/4.2 kW Class 9000/12000/15000 Btu/h Class









Service Manual Removal Procedure

Outdoor Unit

Applicable Models

Cooling Only

RKD09HV2S

RKD12HV2S

RKD15HV2S

RKD25GVM

RKD35GVM

RKD42GVM

RKD25GVM4

RKD35GVM4

RKD42GVM4

●Heat Pump RXS25KVM RXS35KVM

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	Removal of Compressor	
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Note:

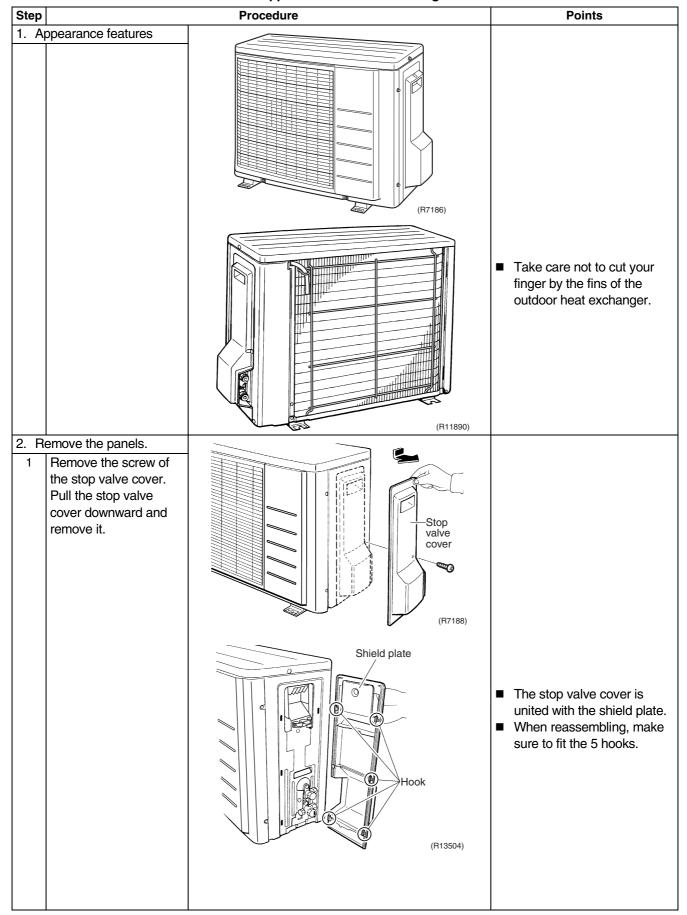
- The illustrations may be slightly different depending on the model.
- The illustrations are for heat pump models as representative.

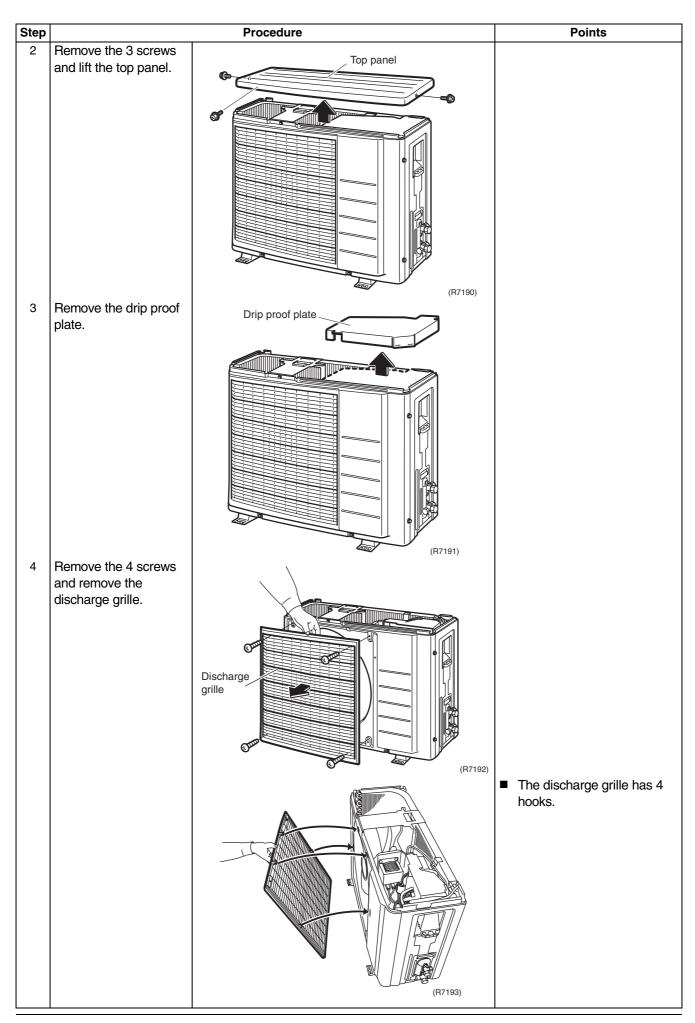
1. Removal of Outer Panels / Fan Motor

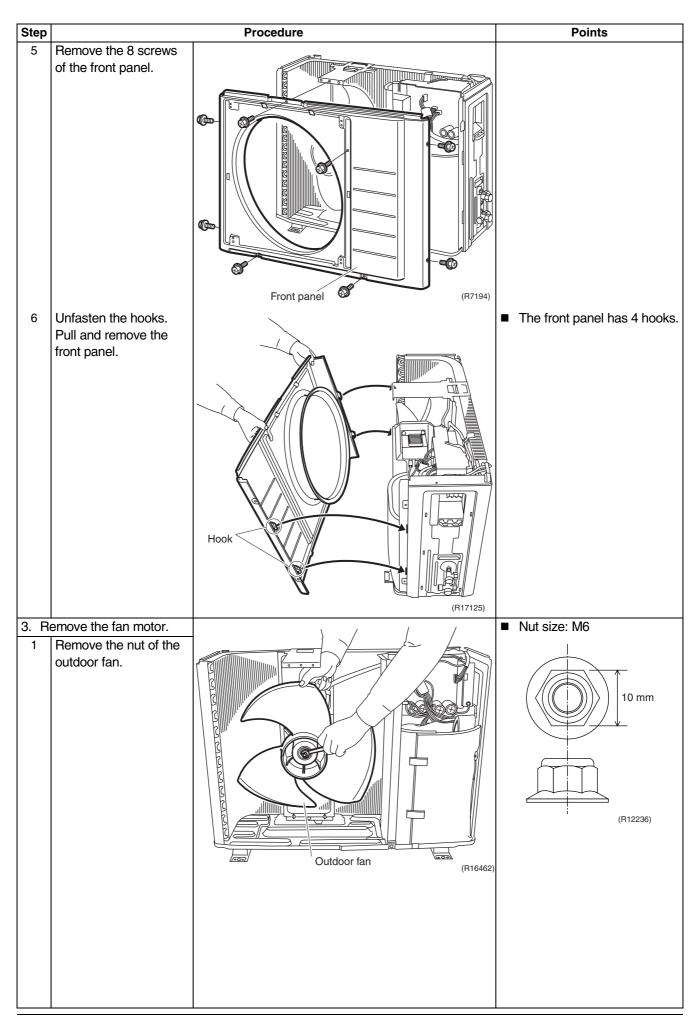
Procedure

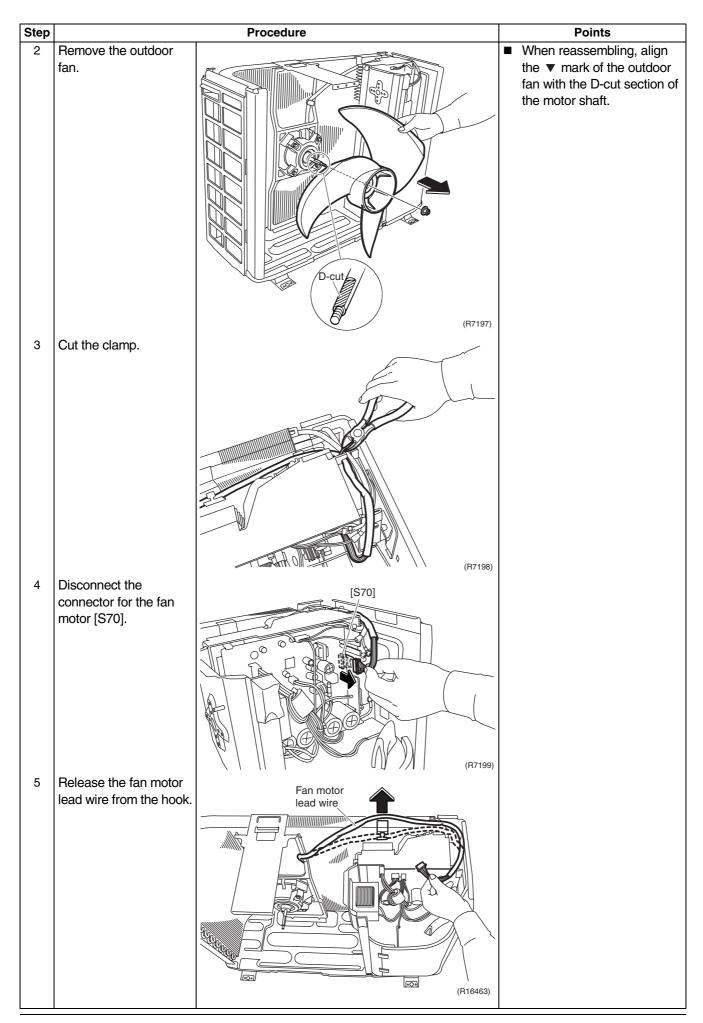
Warning

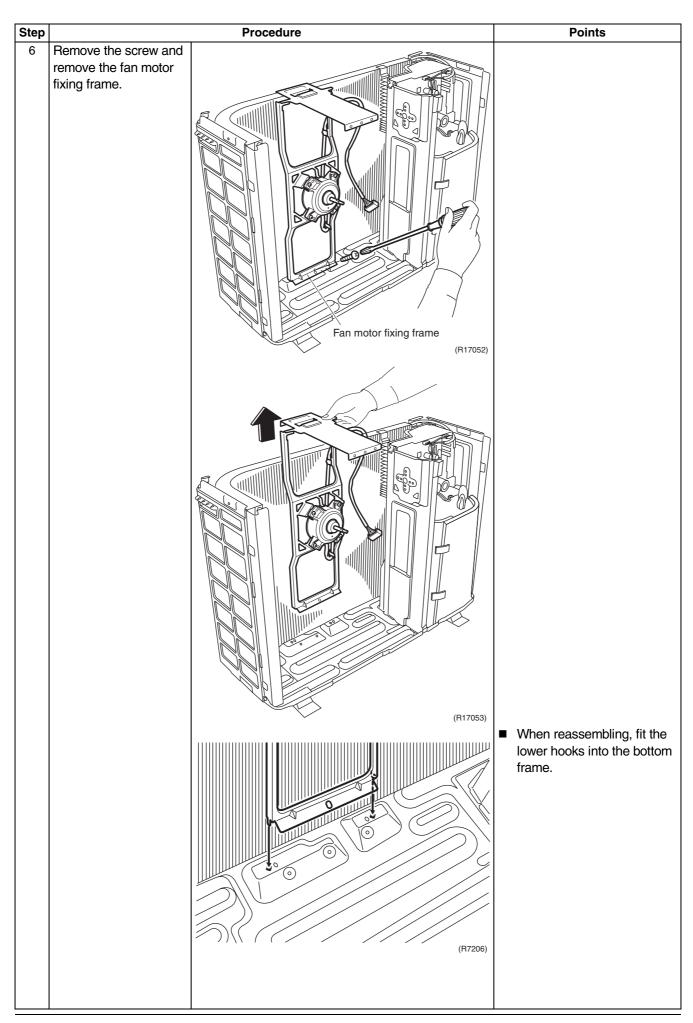
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



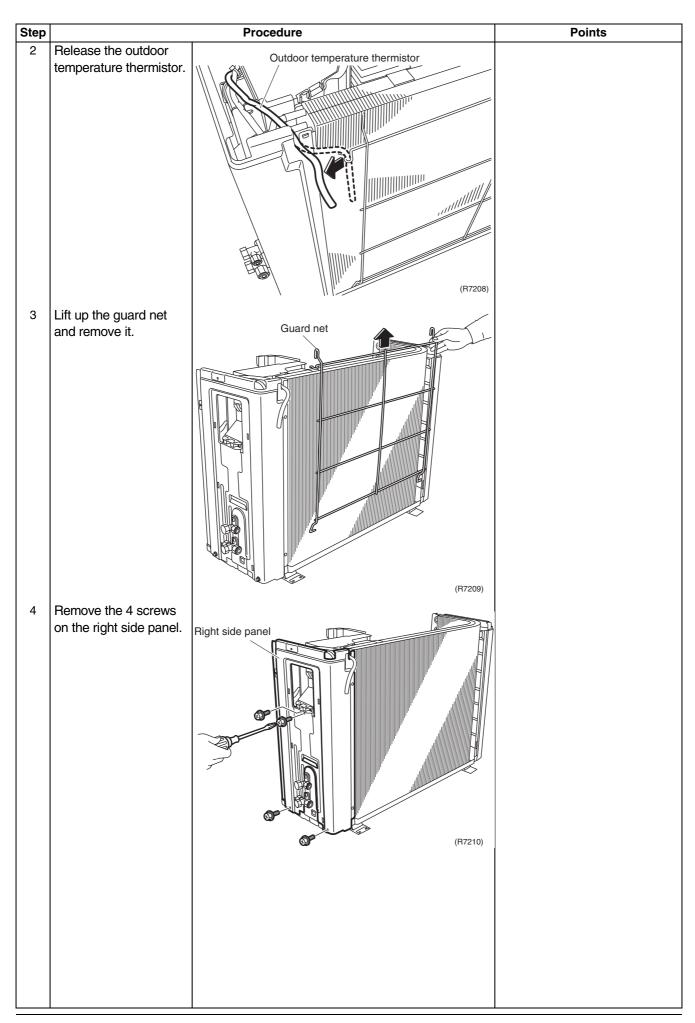


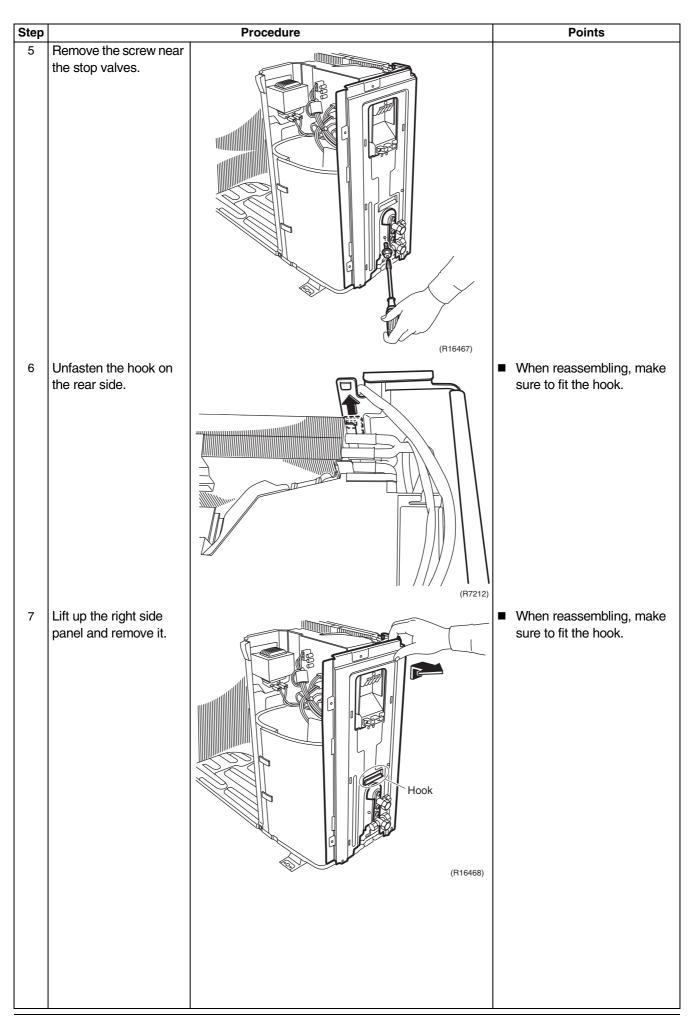






Step		Procedure	Points
7	Open the 2 hooks and release the fan motor lead wire.	(R11835)	When reassembling, put the fan motor lead wire through the back of the fan motor so as not to be entangled with the outdoor fan. Lead wire Outdoor fan (R3249)
8	Remove the 4 screws and remove the fan motor.	Fan motor (R17133)	
	Remove the right side anel. Remove the 2 screws on the rear side.	(R7207)	



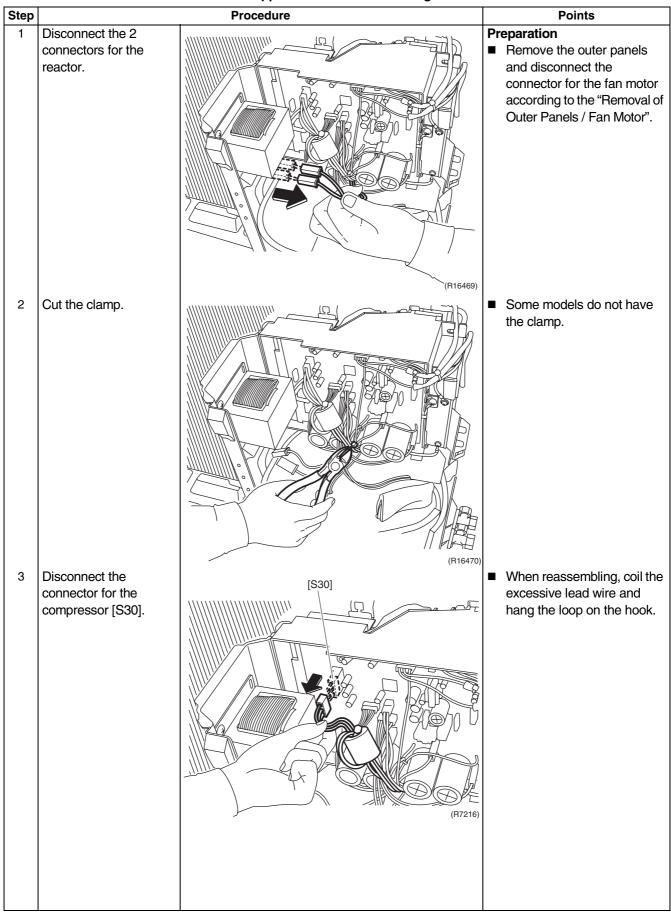


Removal of Electrical Box Si001154

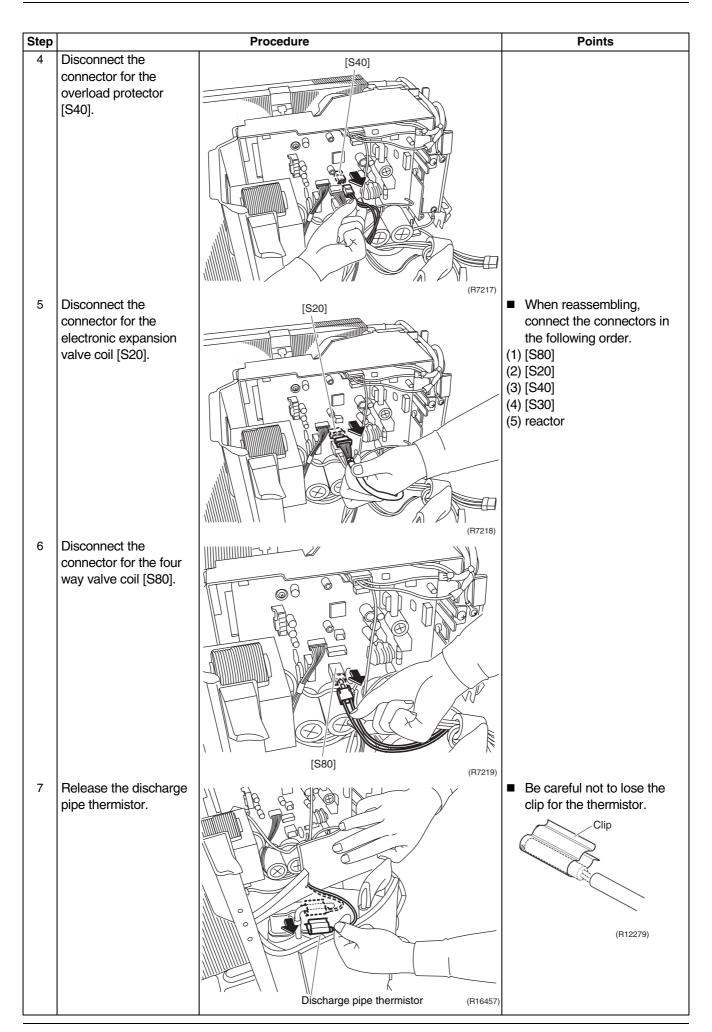
2. Removal of Electrical Box

Procedure

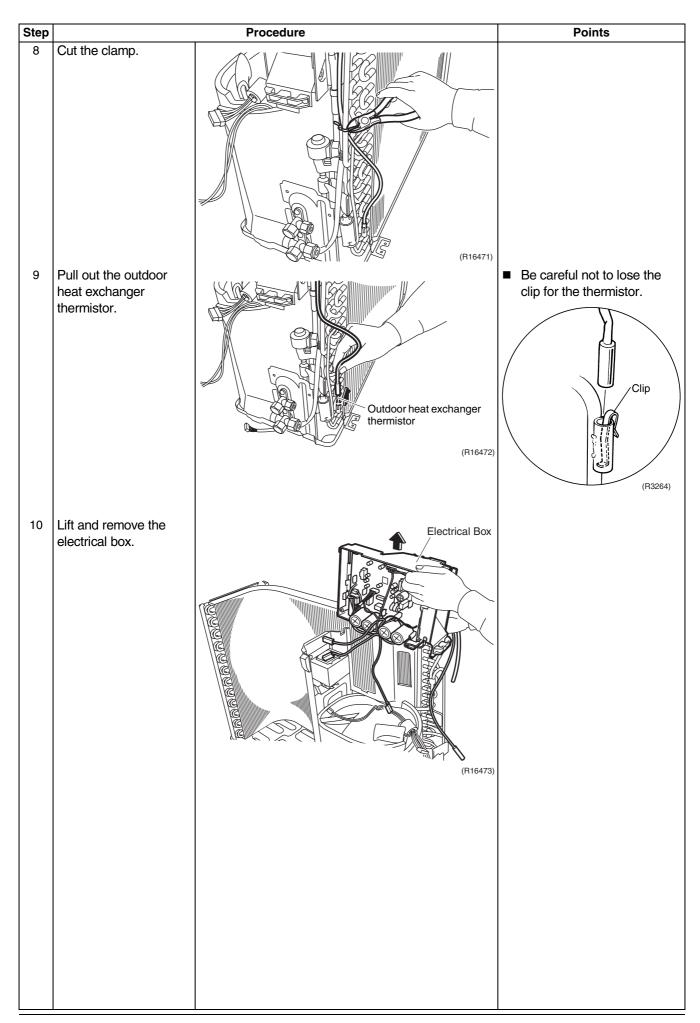
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



Si001154 Removal of Electrical Box



Removal of Electrical Box Si001154



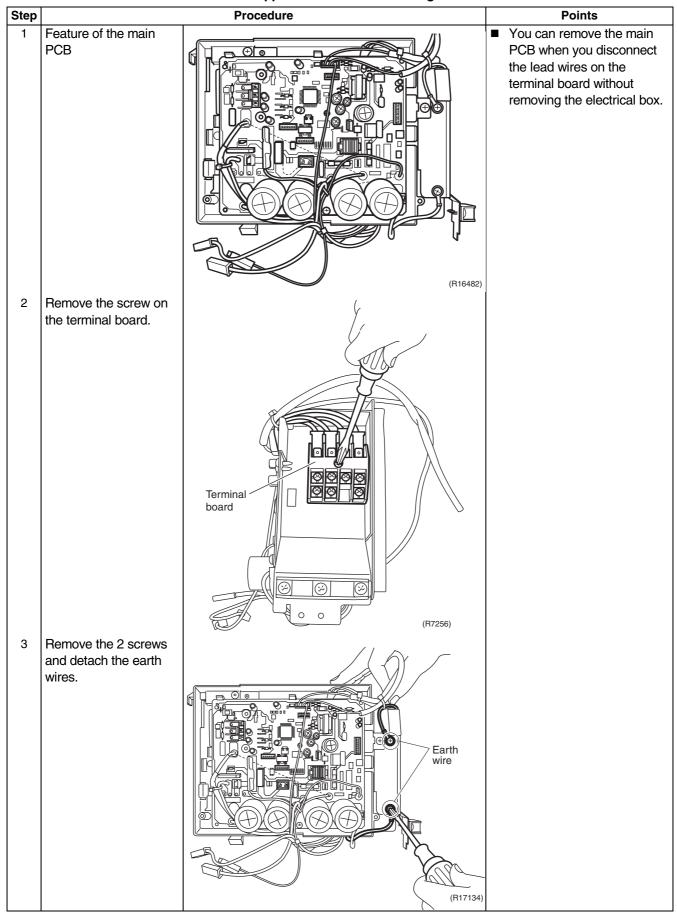
Si001154 Removal of PCB

3. Removal of PCB

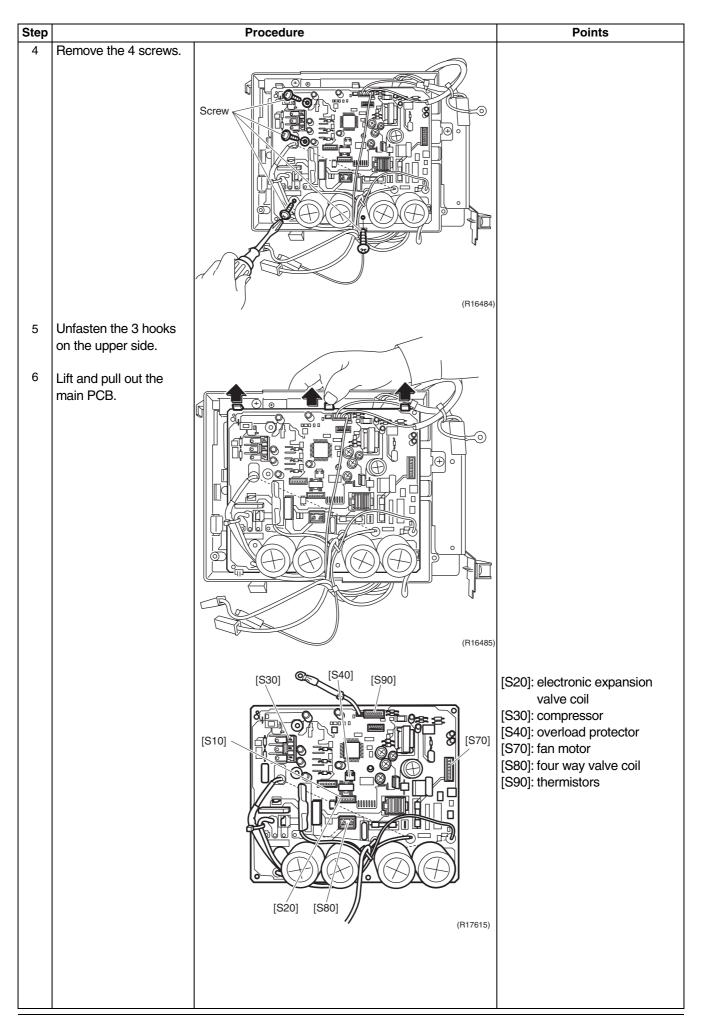
Procedure

/ Warning

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



Removal of PCB Si001154

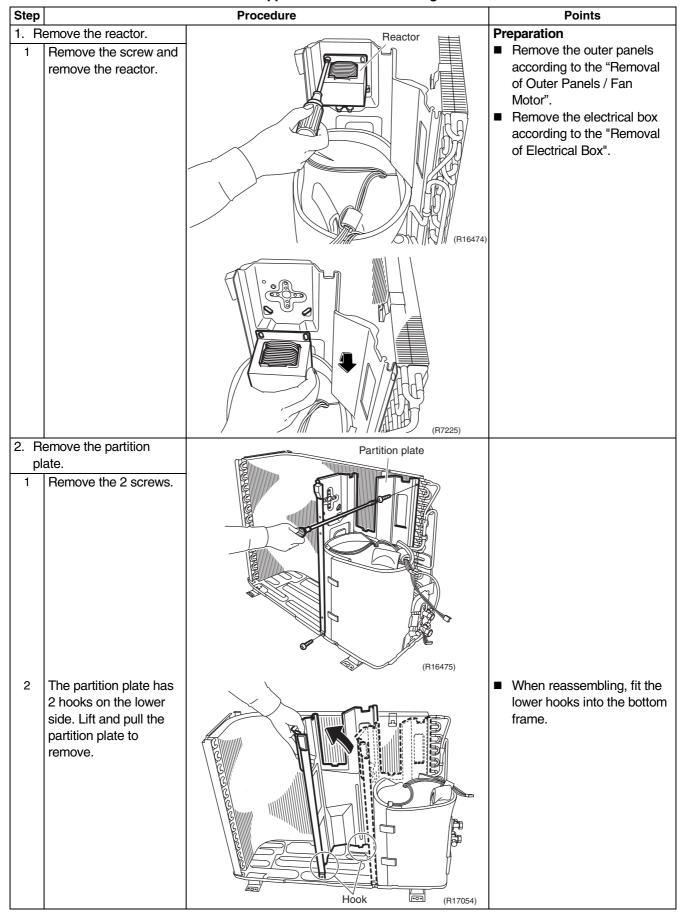


4. Removal of Reactor / Partition Plate

Procedure

Warning

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



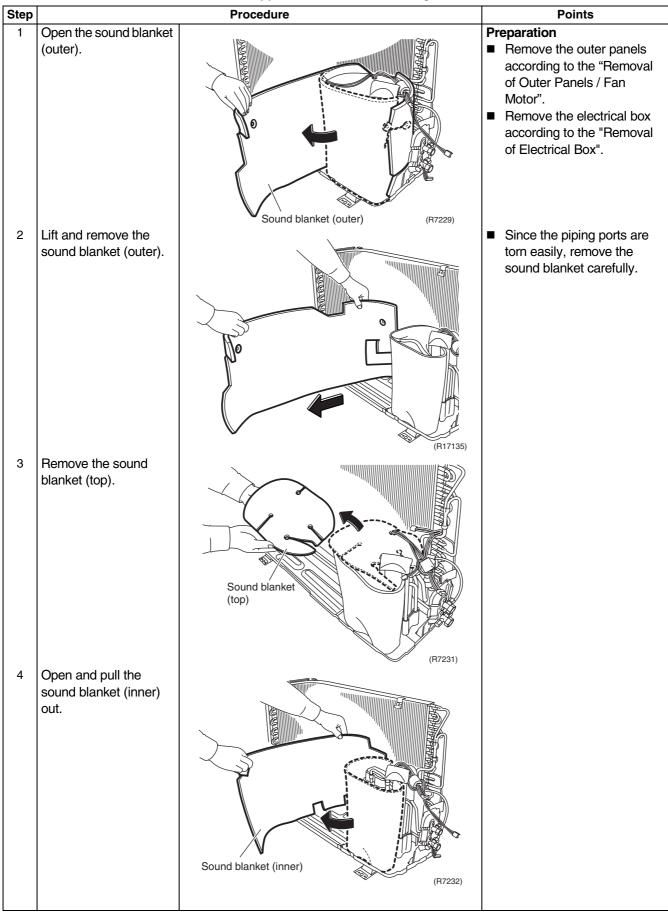
Removal of Sound Blankets Si001154

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.

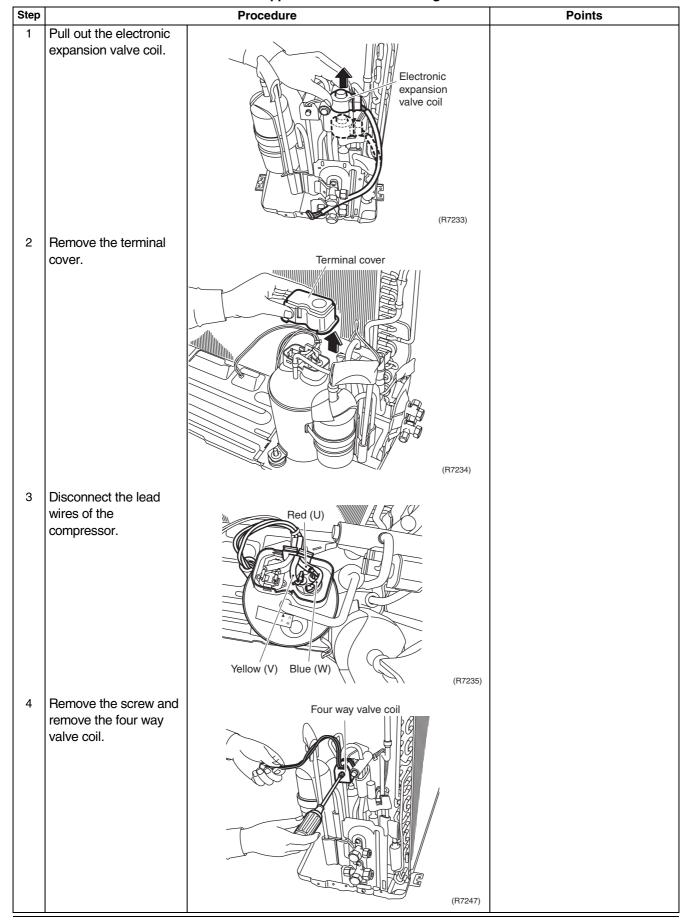


6. Removal of Four Way Valve

Procedure

Warning

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



Step **Procedure Points** Remove the sheets of Warning putty. Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine. **☑** Warning If the refrigerant gas leaks during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.) (R7248) Caution From the viewpoint of global ■ Before working, make environment protection, do Four way valve sure that the refrigerant not discharge the refrigerant gas is empty in the circuit. gas in the atmosphere. Make ■ Be sure to apply nitrogen sure to collect all the replacement when refrigerant gas. heating up the brazed Cautions for restoration Heat up the brazed part 1. Restore the piping by nonand withdraw the piping oxidation brazing. with pliers. 2. It is required to prevent the carbonization of the oil inside the four way valve and the deterioration of the gaskets affected by heat. (Keep below 120°C.) For the sake of this, wrap the four way Note: valve with wet cloth and Never use a metal provide water so that the saw to cut pipes cloth does not dry. because the sawdust may enter In case of difficulty with gas the circuit. brazing machine 1. Disconnect the brazed part ■ When withdrawing where is easy to disconnect the pipes, be careful and restore. not to pinch them 2. Cut pipes on the main unit firmly with pliers. with a tube cutter in order to The pipes may get make it easy to disconnect. deformed. ■ Provide a protective sheet or a steel plate so that the brazing flame cannot influence peripheries.

Removal of Compressor

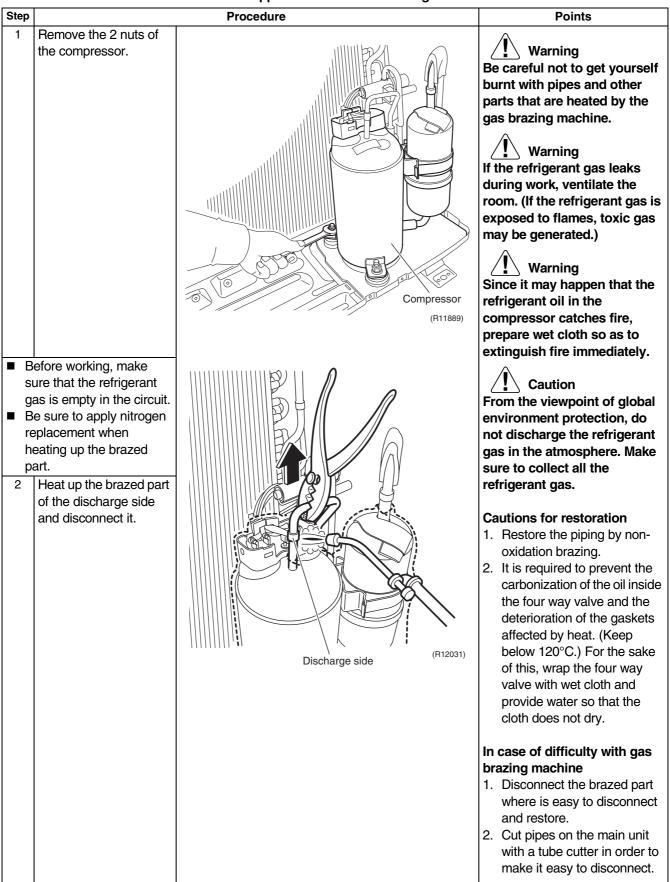
7. Removal of Compressor

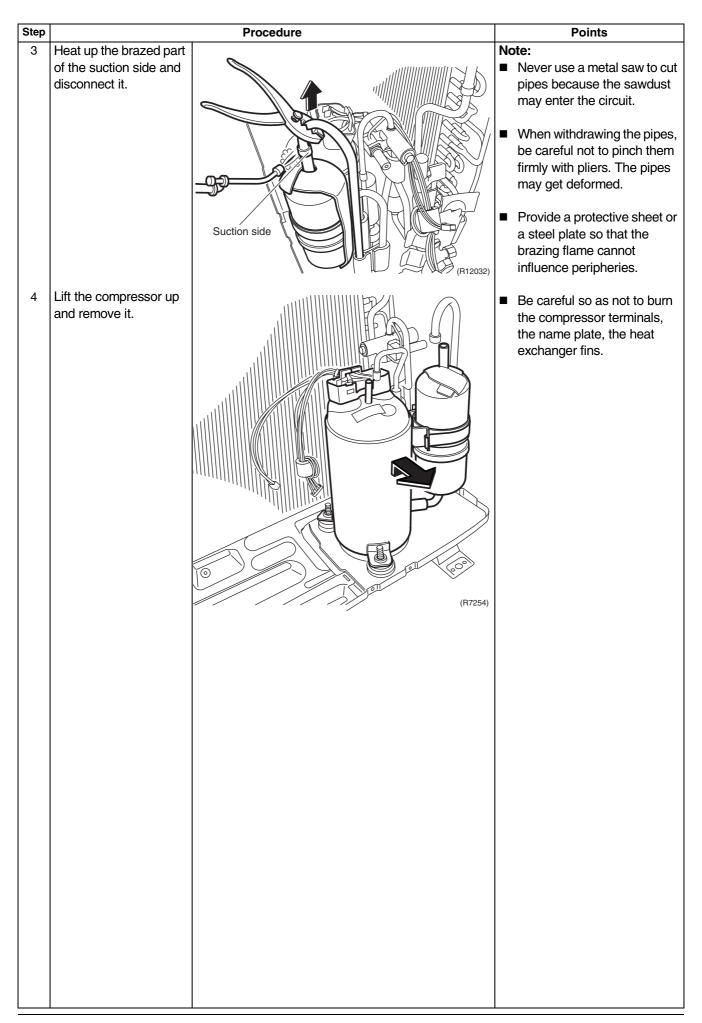
Procedure

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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	Si001154	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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