



SERVICE MANUAL

4.2/4.6 kW Class









Service Manual Removal Procedure

Outdoor Unit

●Cooling Only RKS42G2V1B

●Heat Pump ARXS42G2V1B

RXS42G2V1B

RXS46GV2C

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

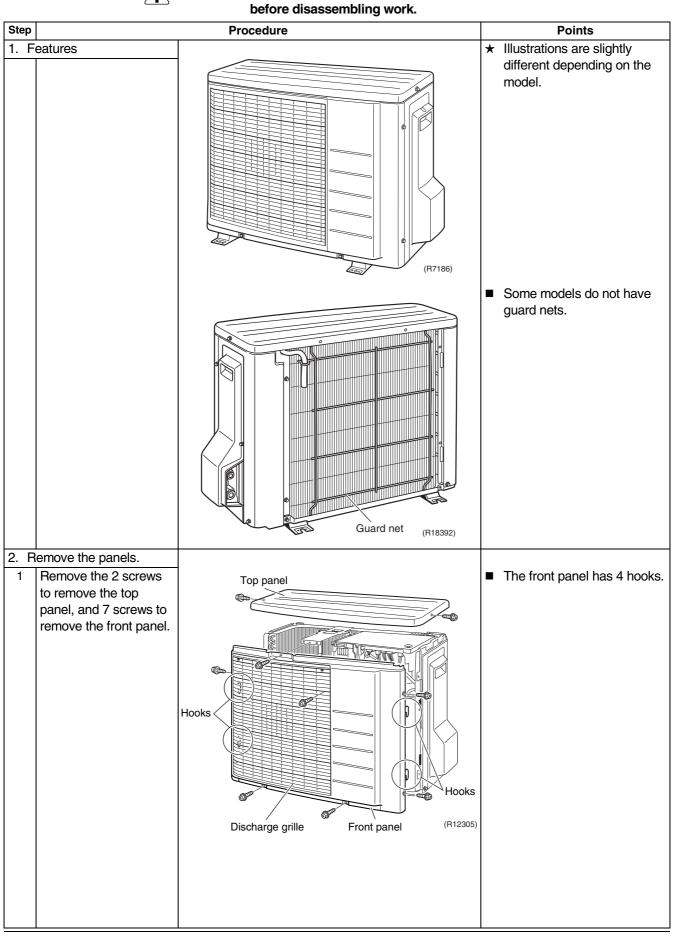
Removal of Outer Panels Si00-873

Be sure to wait 10 minutes or more after turning off all power supplies

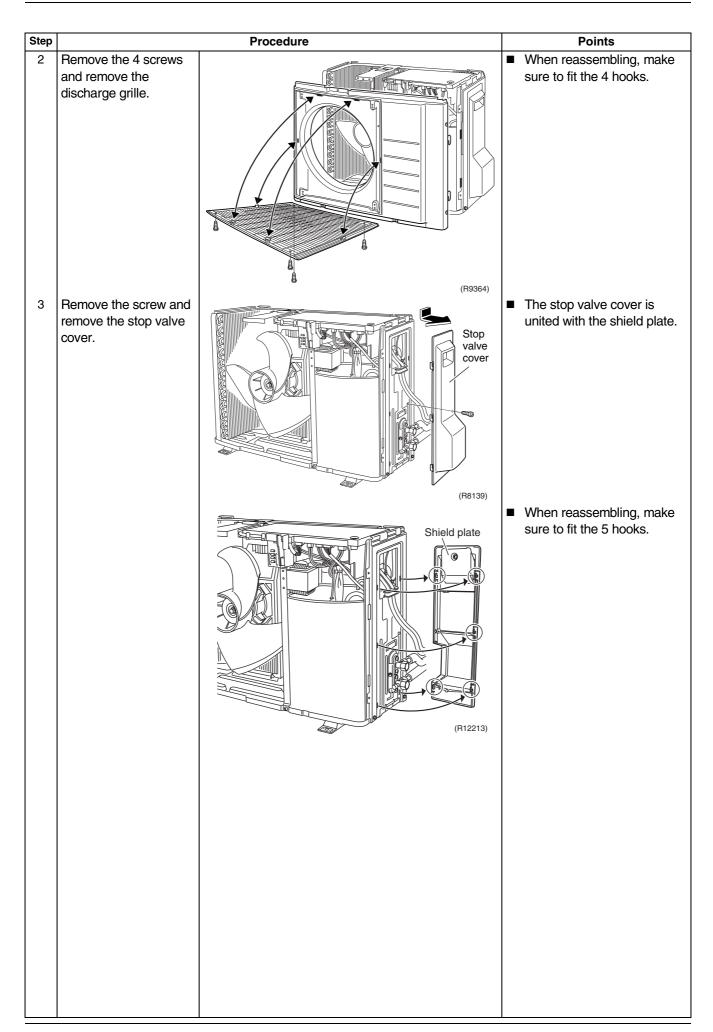
1. Removal of Outer Panels

Warning

Procedure



Si00-873 Removal of Outer Panels



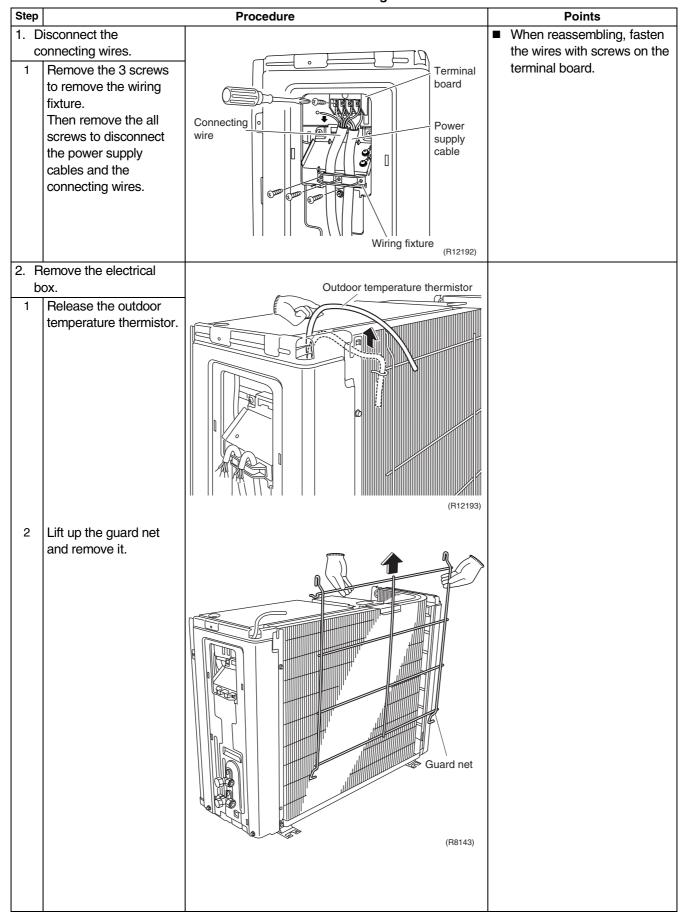
Removal of Electrical Box Si00-873

2. Removal of Electrical Box

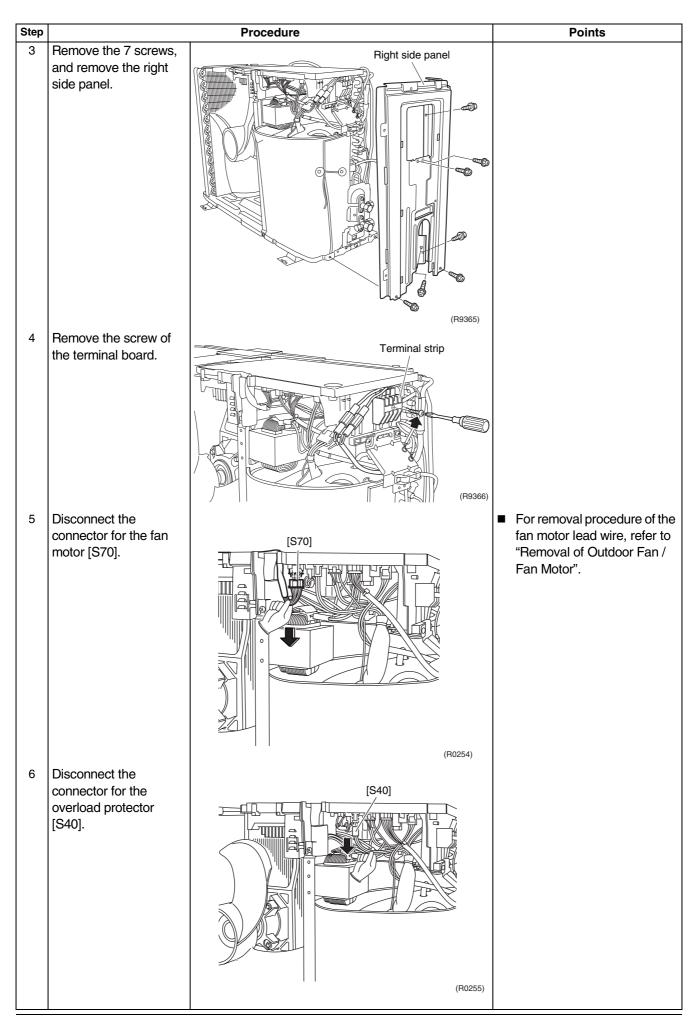
Procedure

/ Warning

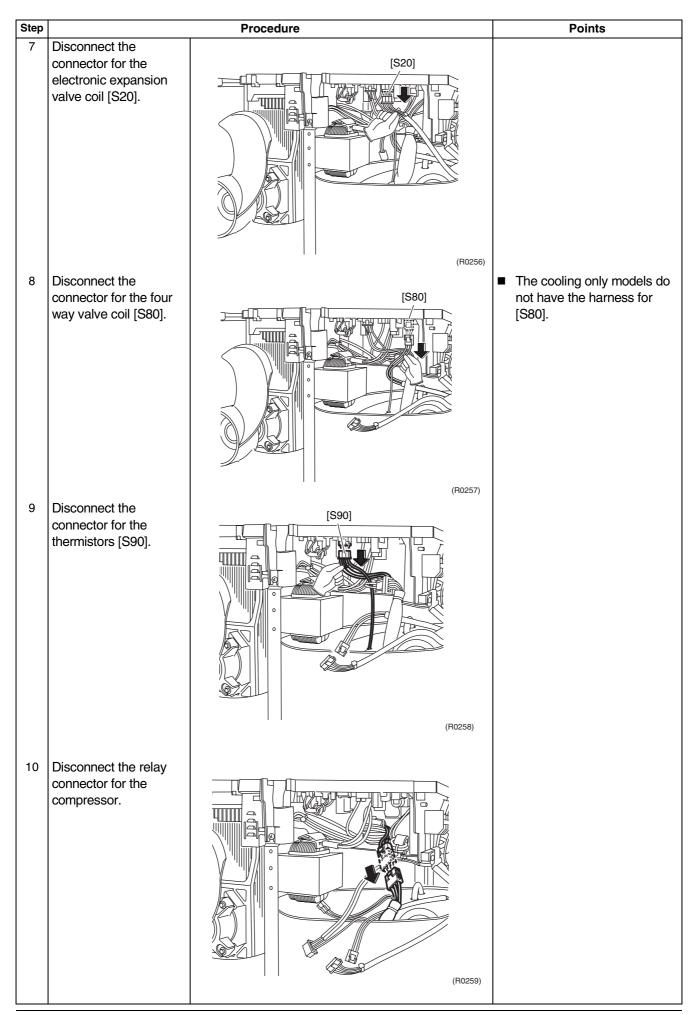
Be sure to wait 10 minutes or more after turning off all power supplies before disassembling work.



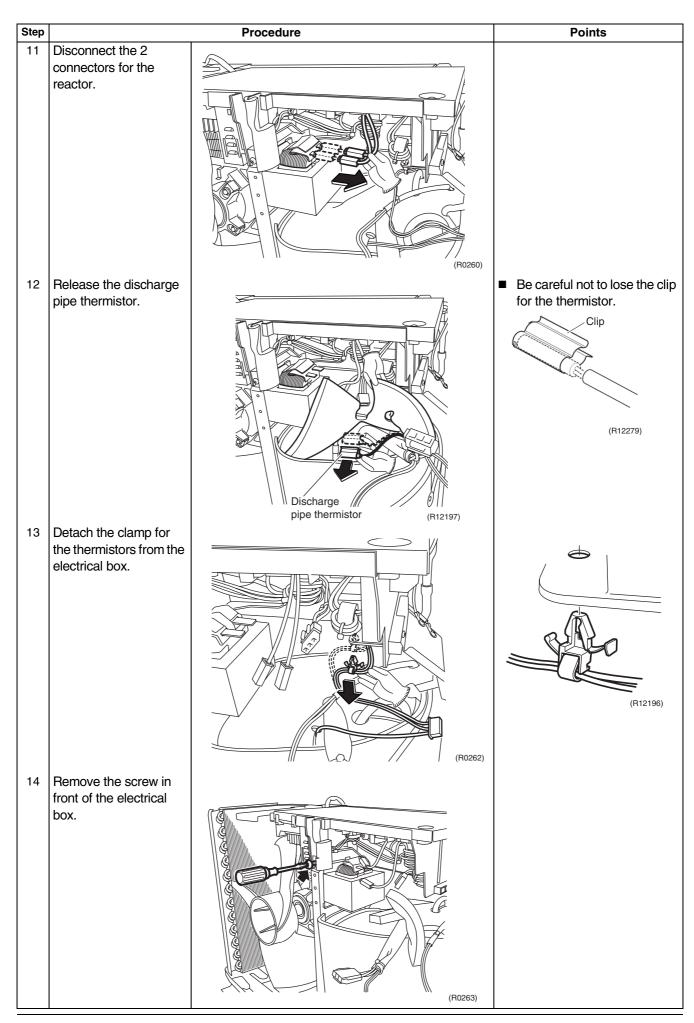
Si00-873 Removal of Electrical Box



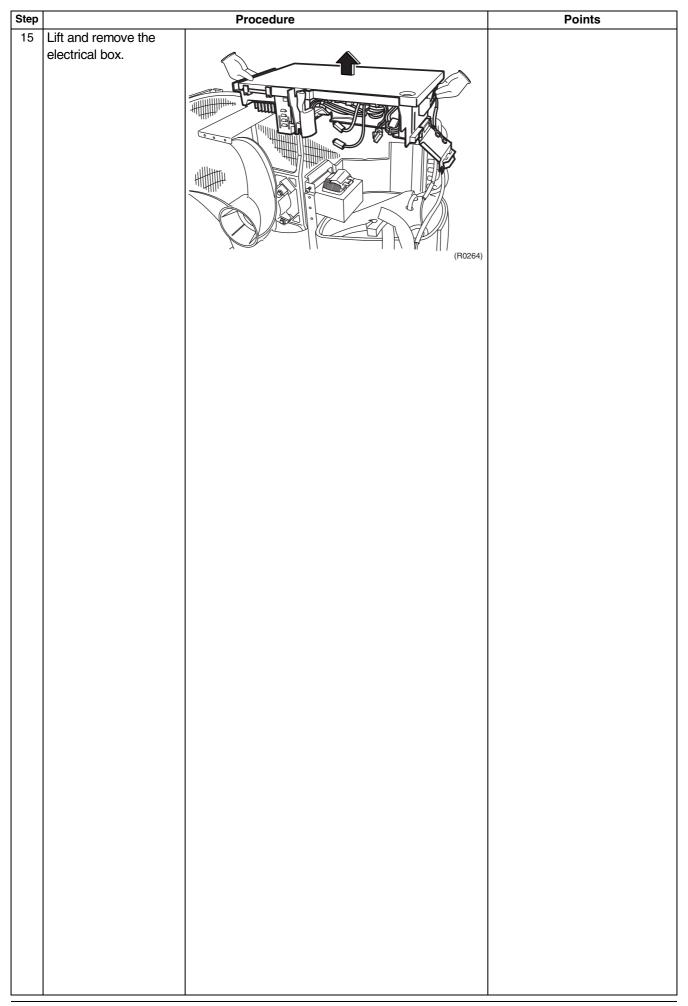
Removal of Electrical Box Si00-873



Si00-873 Removal of Electrical Box



Removal of Electrical Box Si00-873



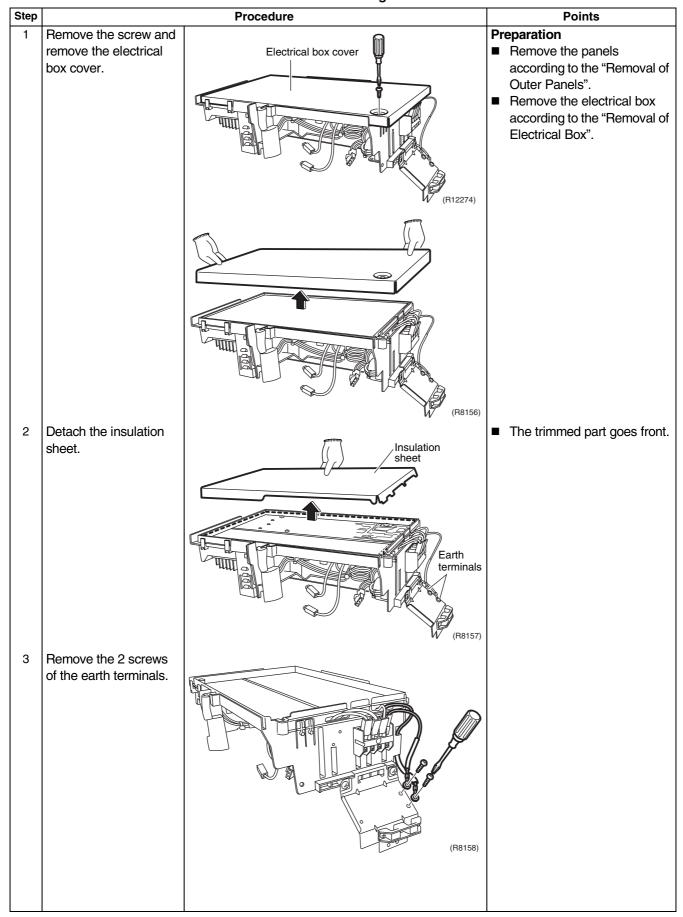
Si00-873 Removal of PCB

3. Removal of PCB

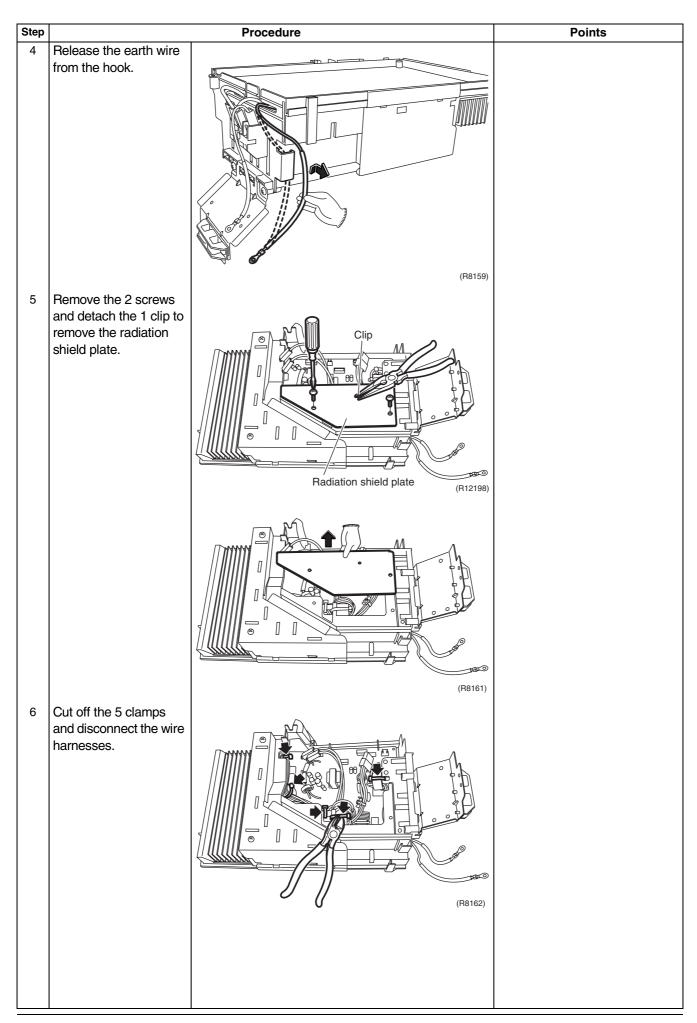
Procedure

/ Warning

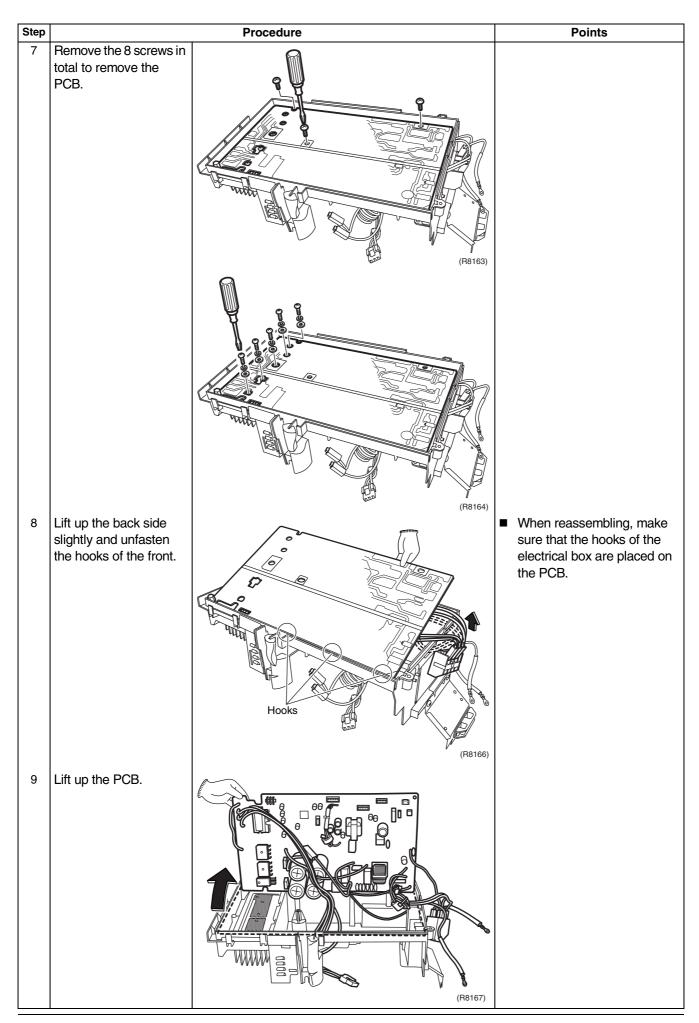
Be sure to wait 10 minutes or more after turning off all power supplies before disassembling work.



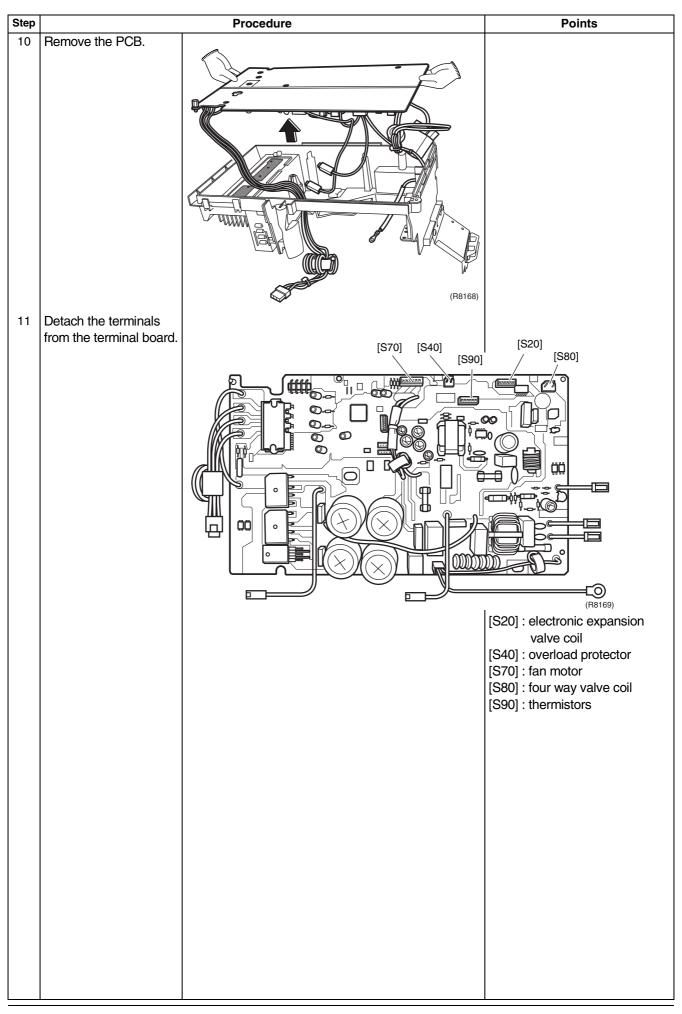
Removal of PCB Si00-873



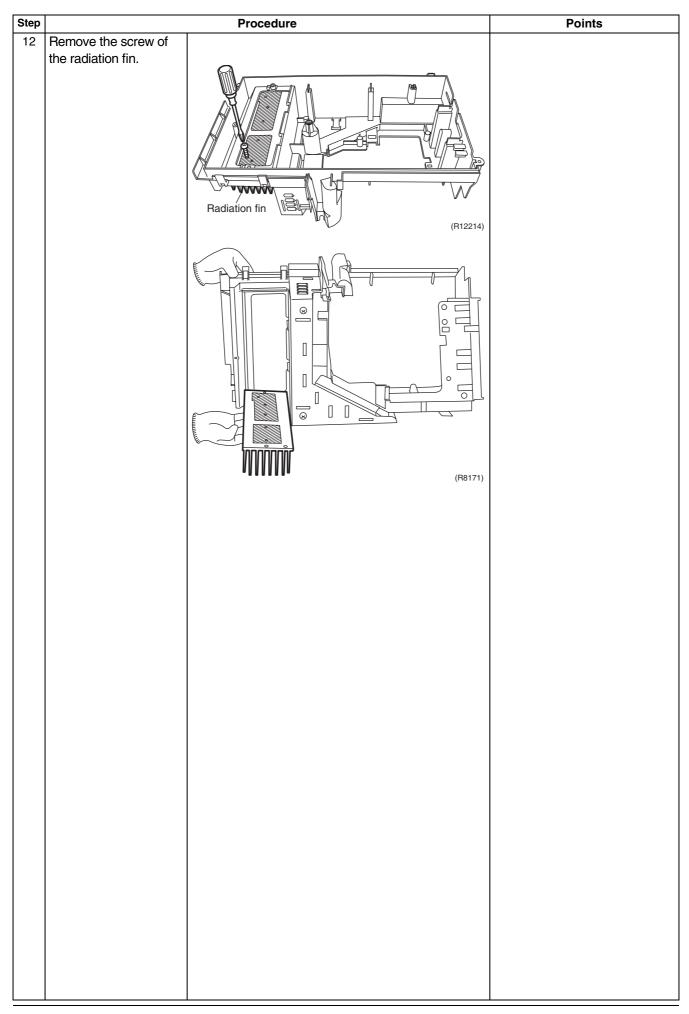
Si00-873 Removal of PCB



Removal of PCB Si00-873



Si00-873 Removal of PCB

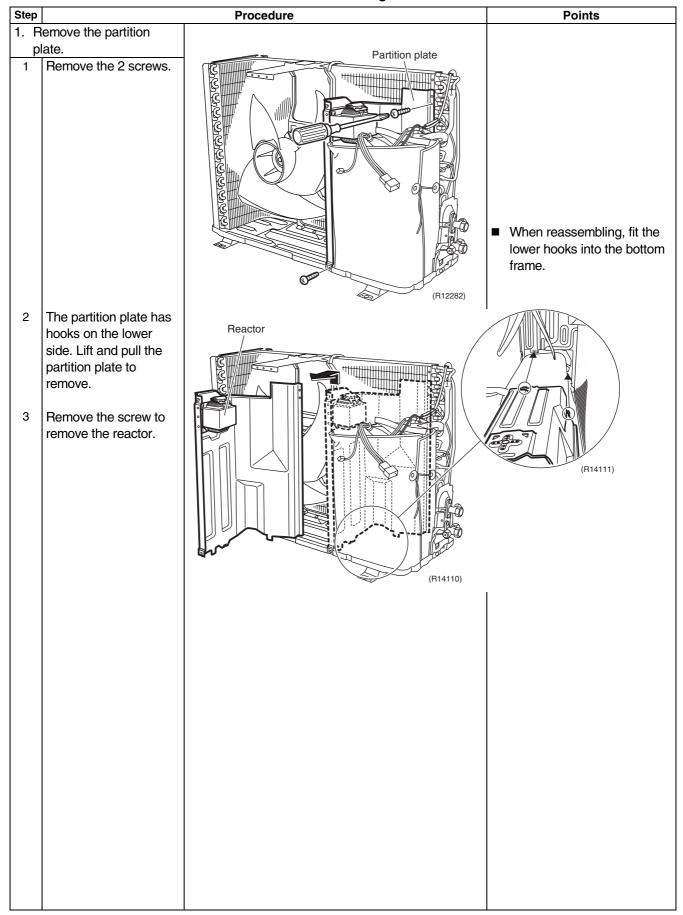


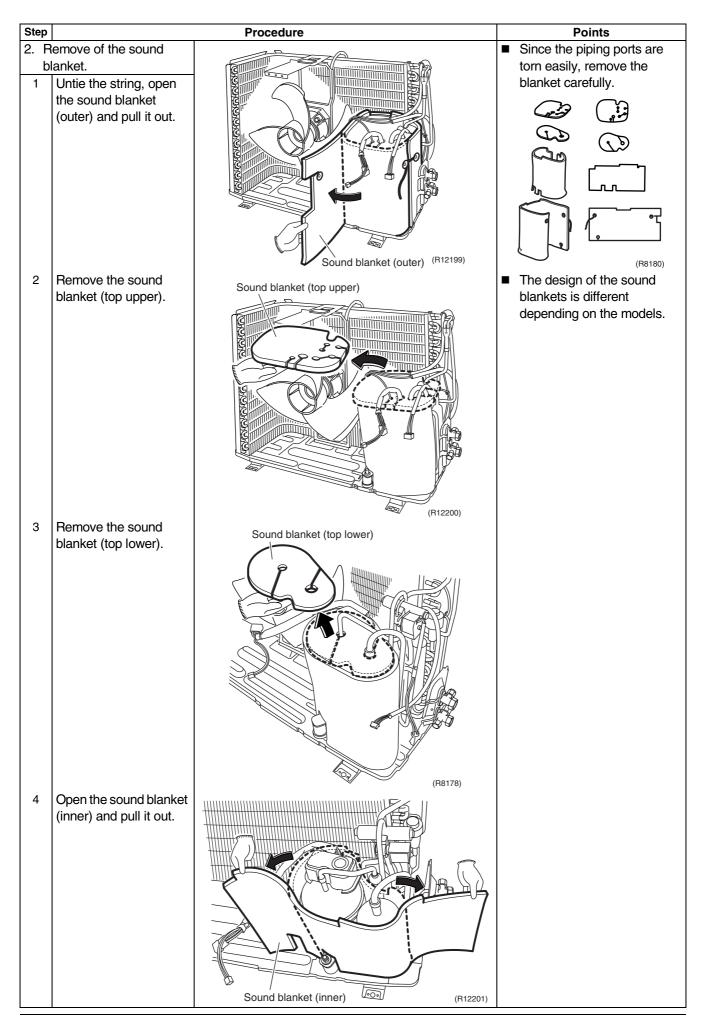
4. Removal of Partition Plate / Sound Blankets

Procedure

<u>∕</u> Warning

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



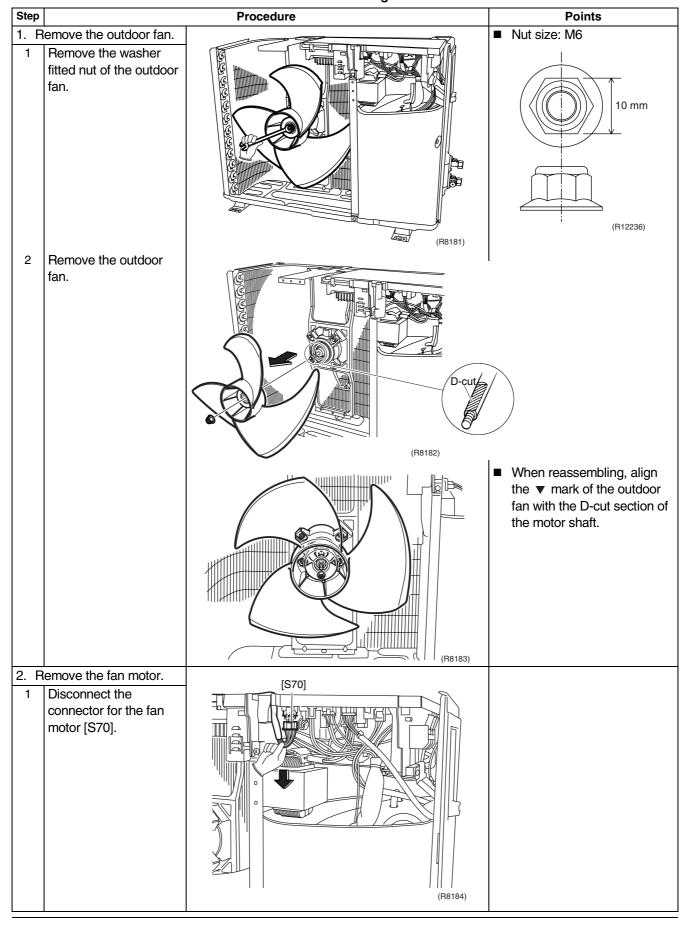


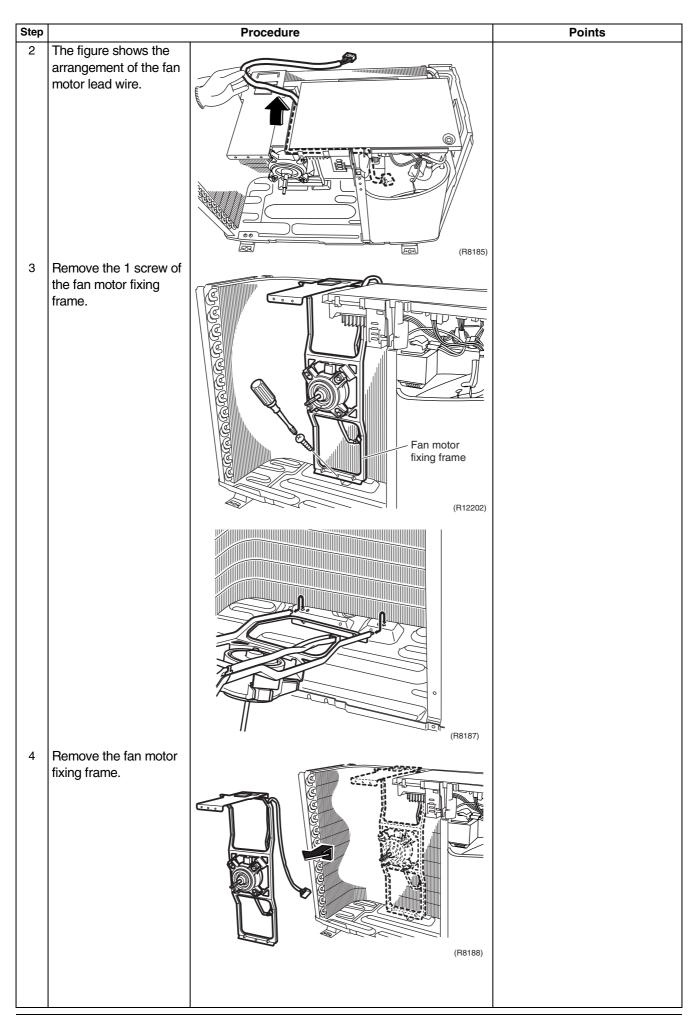
5. Removal of Outdoor Fan / Fan Motor

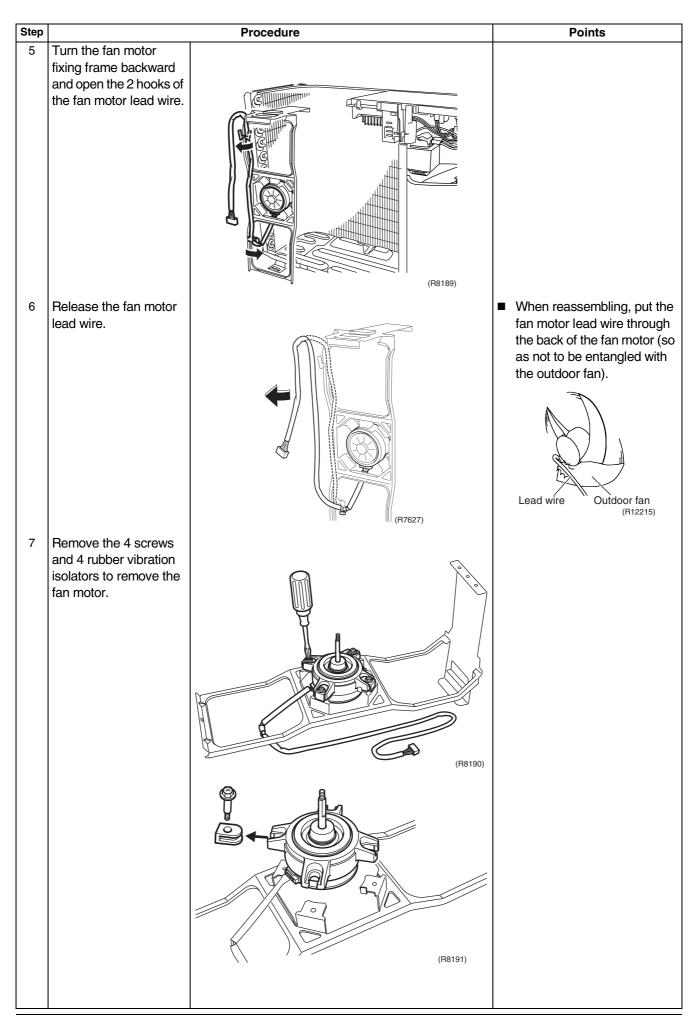
Procedure

<u>∕</u> Warning

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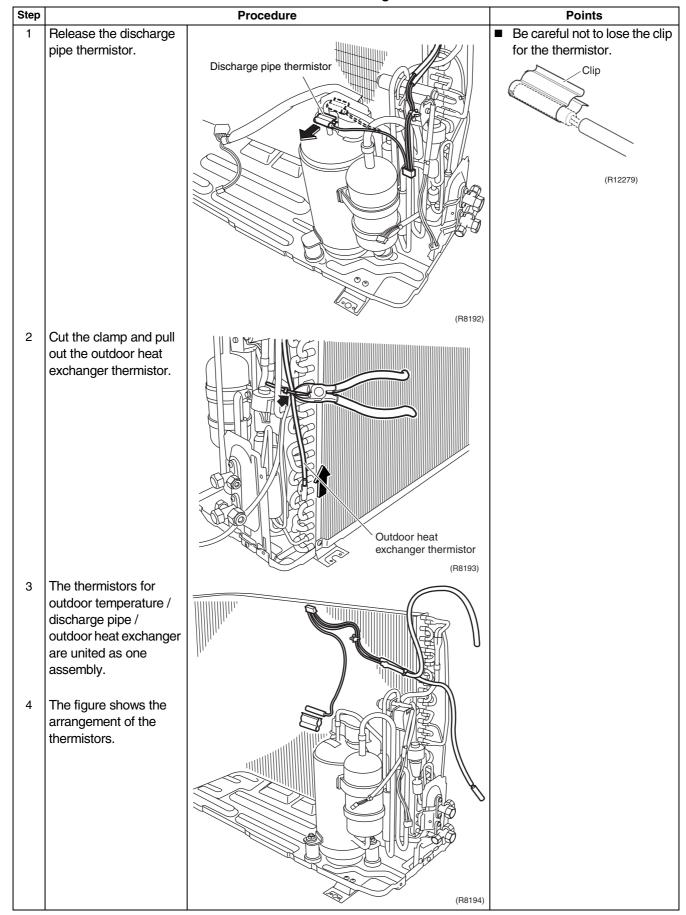
Si00-873 Removal of Thermistors

6. Removal of Thermistors

Procedure

Warning

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

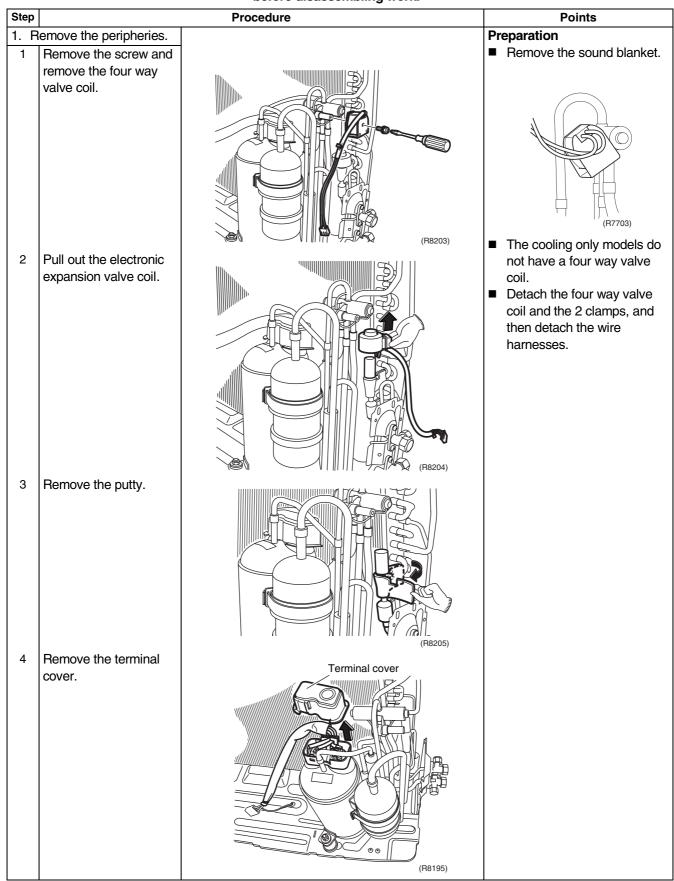


7. Removal of Four Way Valve / Electronic Expansion Valve

Procedure

Warning

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



Step **Procedure Points** ■ Before working, make sure that the refrigerant gas is empty in the circuit. ■ Be sure to apply nitrogen replacement when heating up the brazed part. 2. Remove the four way valve and electronic expansion valve. Heat up the 2 brazed parts of the electronic expansion valve and remove it. Caution (R8206) Heat up the brazed parts of the four way valve. Pull the pipe with pliers and disconnect. and restore. (R8208)

Warning 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.)

From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.

Cautions for restoration

- 1. Restore the piping by nonoxidation brazing.
- 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 valve with wet cloth and provide water so that the cloth does not dry.

In case of difficulty with gas brazing machine

- 1. Disconnect the brazed part where is easy to disconnect
- 2. Cut pipes on the main unit with a tube cutter in order to make it easy to disconnect.

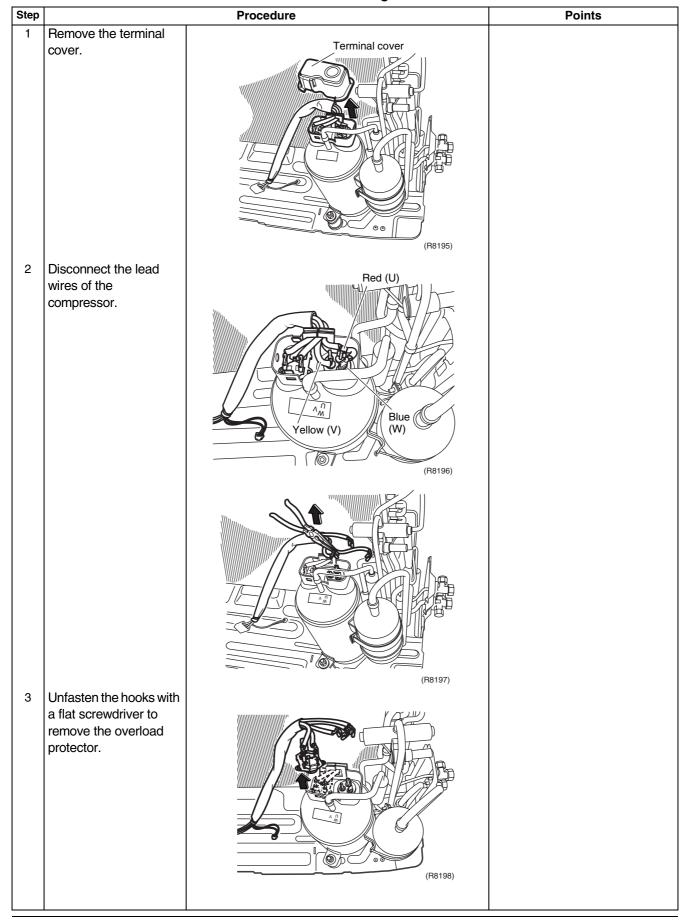
Step	Procedure	Points
- Стер	(FSCO)	Note: Do not use a metal saw for cutting pipes by all means because the sawdust comes into the circuit. When withdrawing the pipes, be careful not to pinch them firmly with pliers. The pipes may get deformed. Provide a protective sheet or a steel plate so that the brazing flame cannot influence peripheries.

8. Removal of Compressor

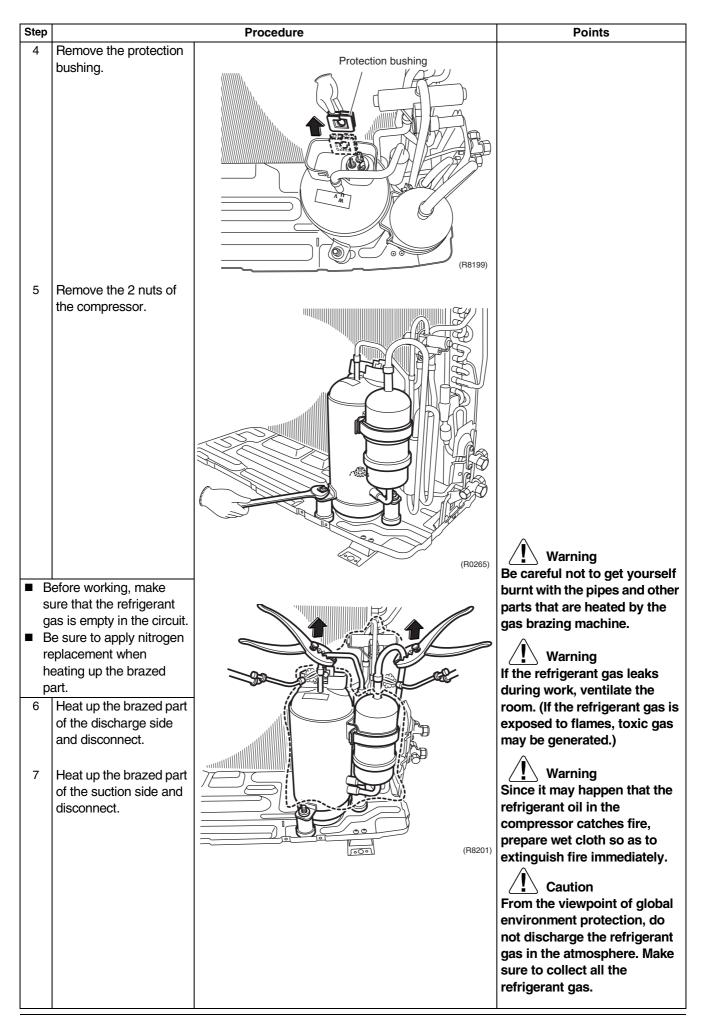
Procedure

! Warning

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



Removal of Compressor Si00-873



Step Procedure	Points
to remove. 1. Restore oxidation carbonization for this, valve with provide cloth do line case of brazing maint at make it Note: Do not use carefirmly with a turn with a tu	sees the brazed part is easy to disconnect tore. The session of the main unit sube cutter in order to easy to disconnect. The session of the main unit sube cutter in order to easy to disconnect. The session of the session of the sawdust comes of the sawdust c

Revision History

Month / Year	Version	Revised contents
06 / 2013	Si00-873	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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