



7.1/8.0/9.0 kW Class



Inverter / Hybrid

Pair Type



Service Manual Removal Procedure

Outdoor Unit

●Cooling Only RKS71FBVMA

RKS71FVMA

●Heat Pump RXS71FBVMA RXS80FBVMA

RXS71FVMA RXS80FVMA RXS90FVMA

RYN71FV1A

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

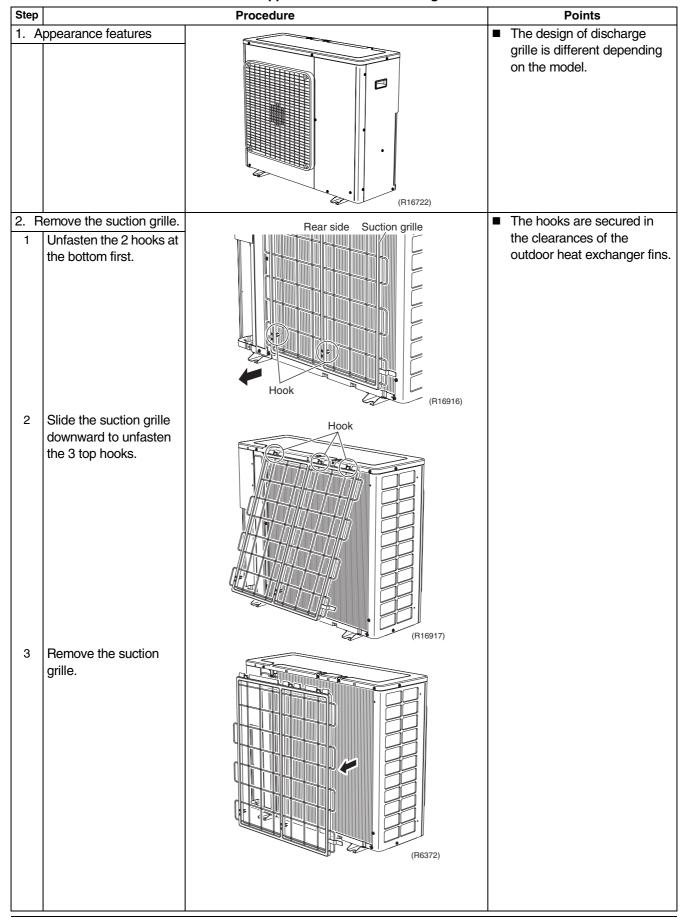
Removal of Outer Panels Si00-877

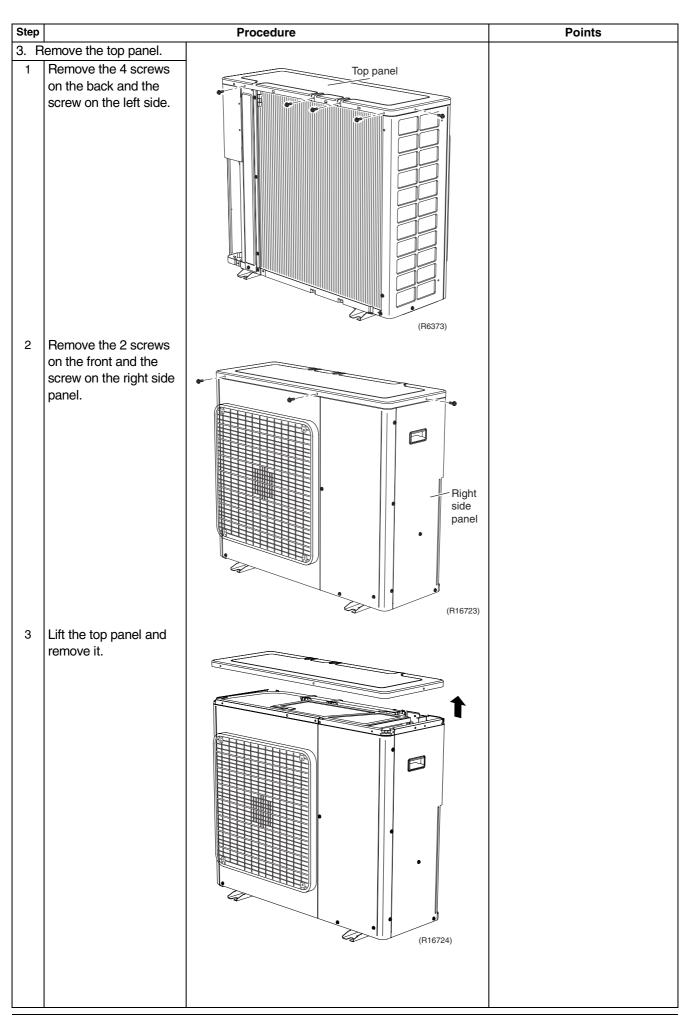
1. Removal of Outer Panels

Procedure

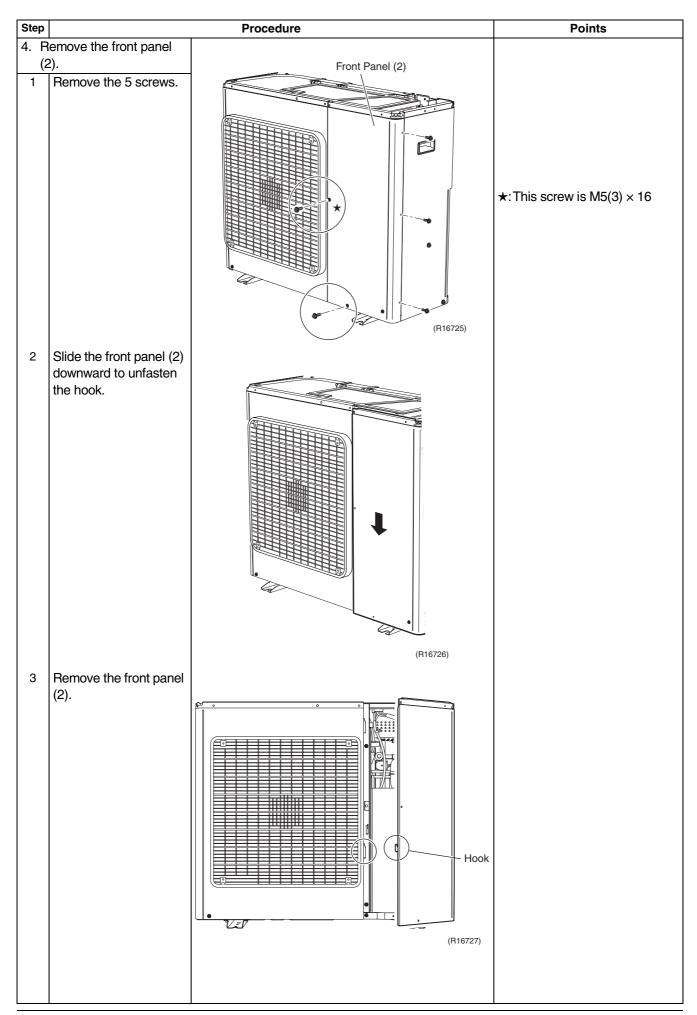
Warning

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

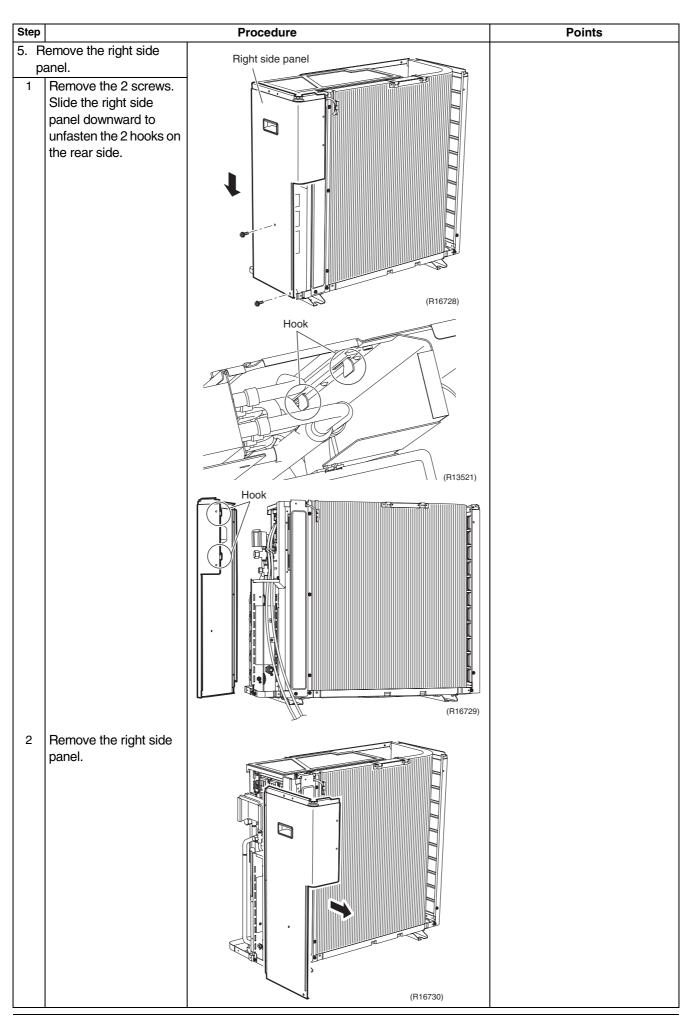




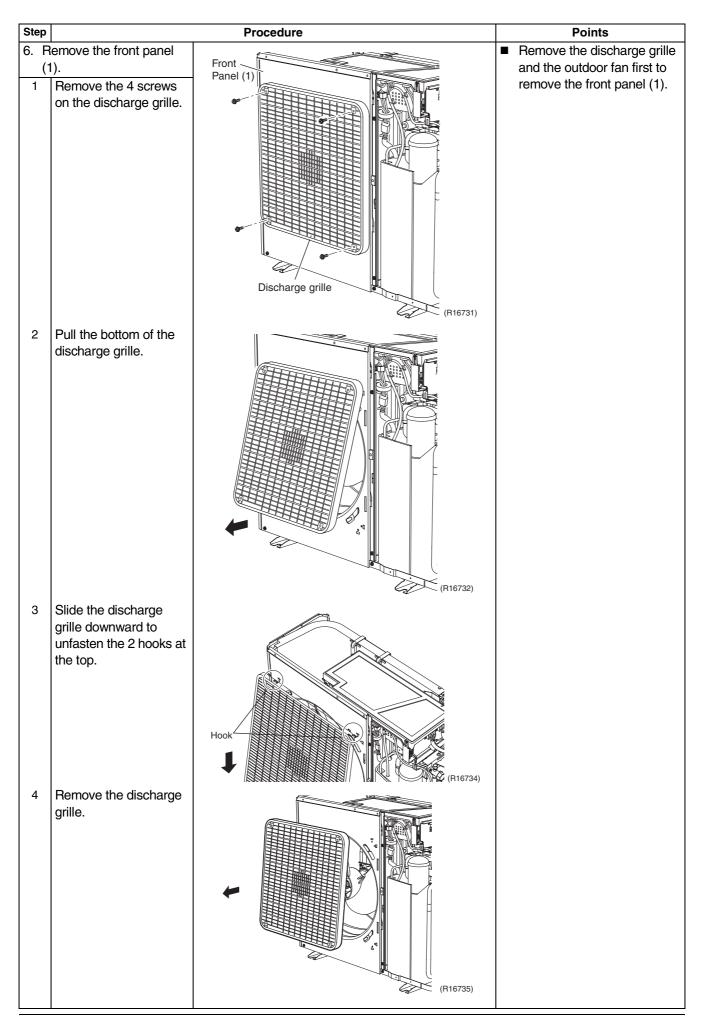
Removal of Outer Panels Si00-877

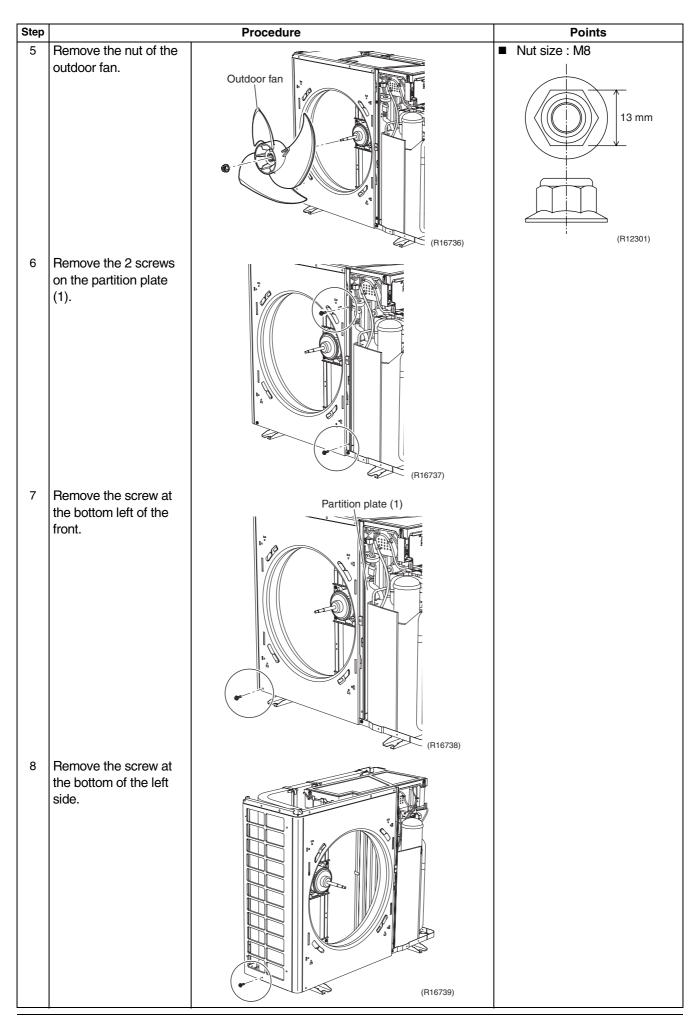


Removal of Outer Panels

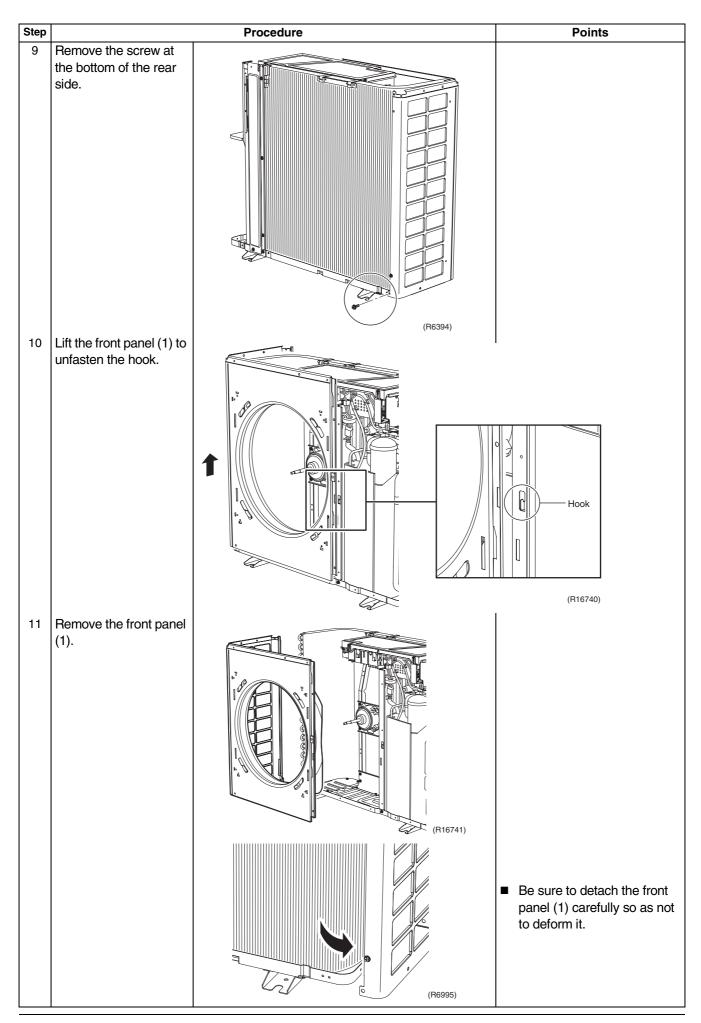


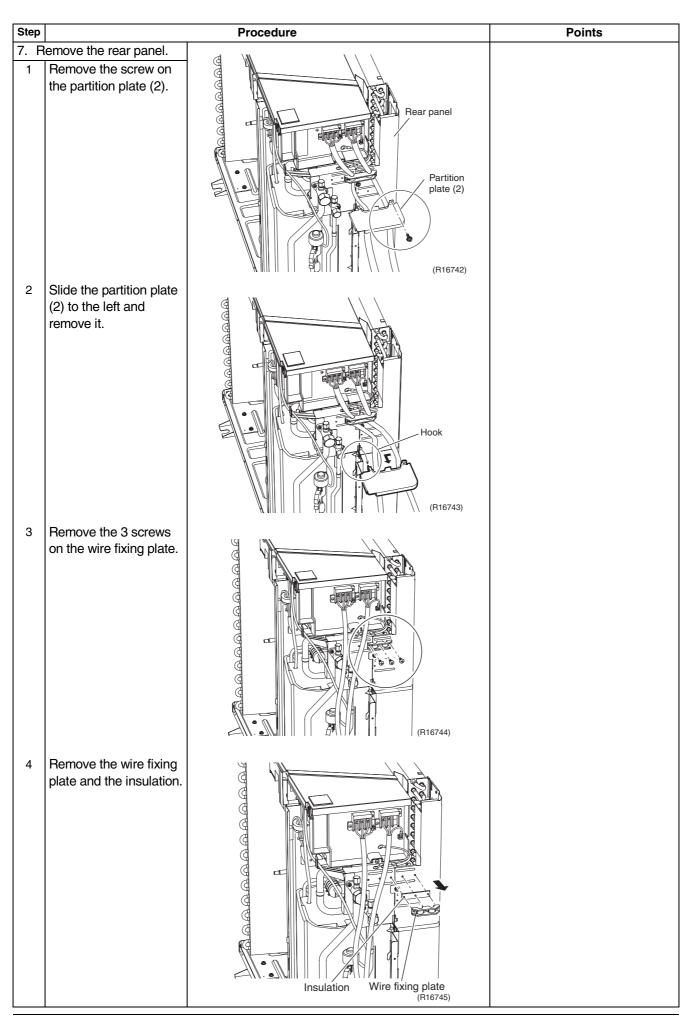
Removal of Outer Panels Si00-877



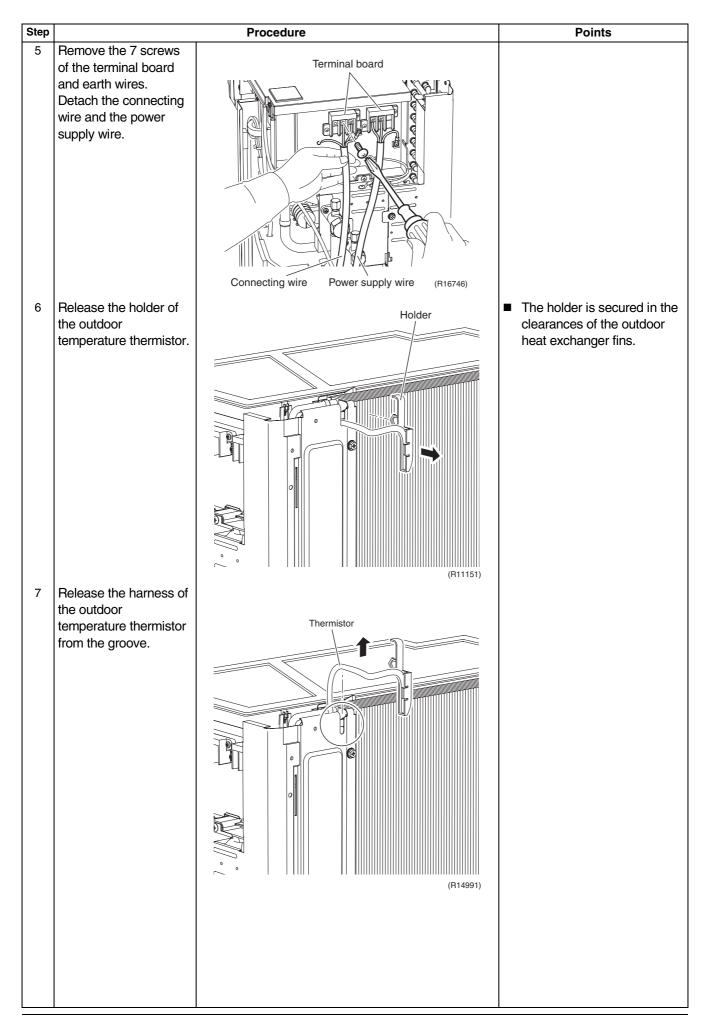


Removal of Outer Panels Si00-877

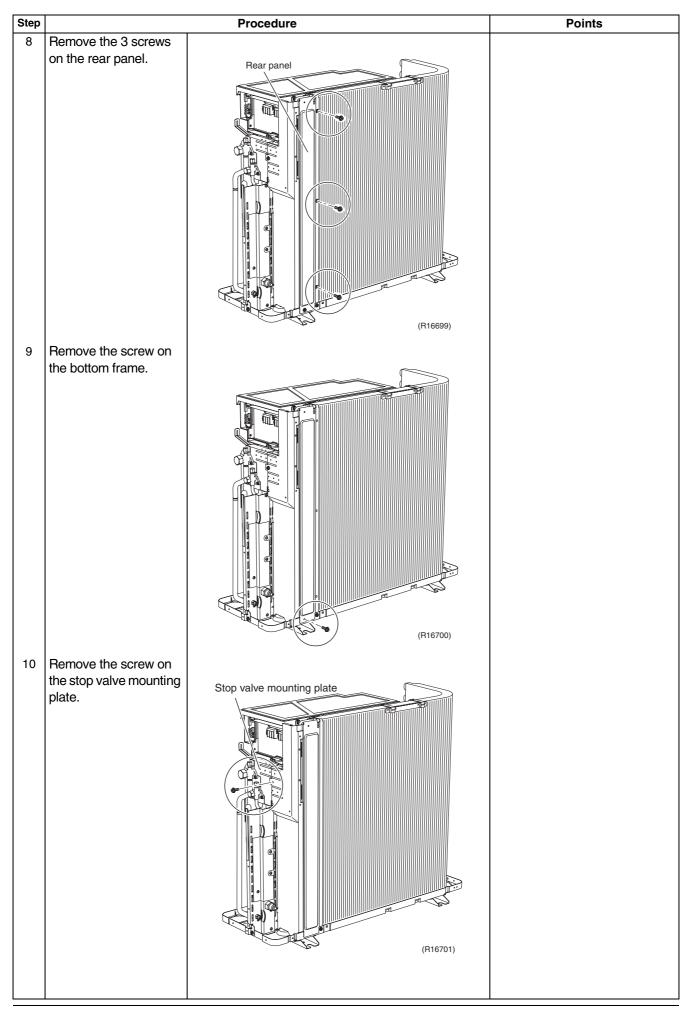




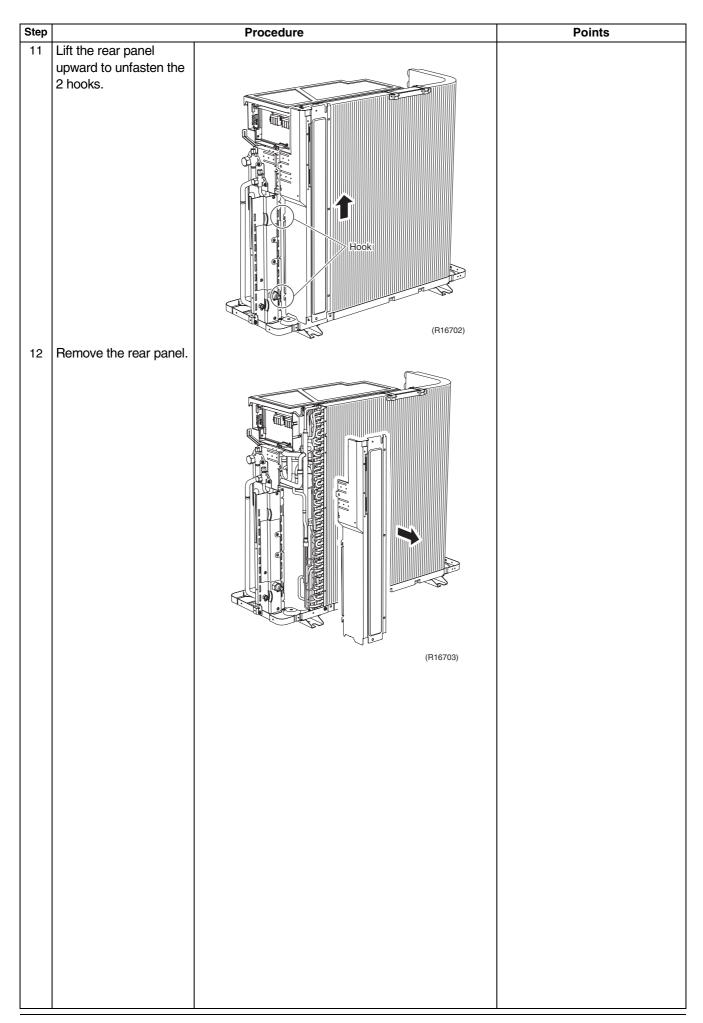
Removal of Outer Panels Si00-877



Removal of Outer Panels



Removal of Outer Panels Si00-877



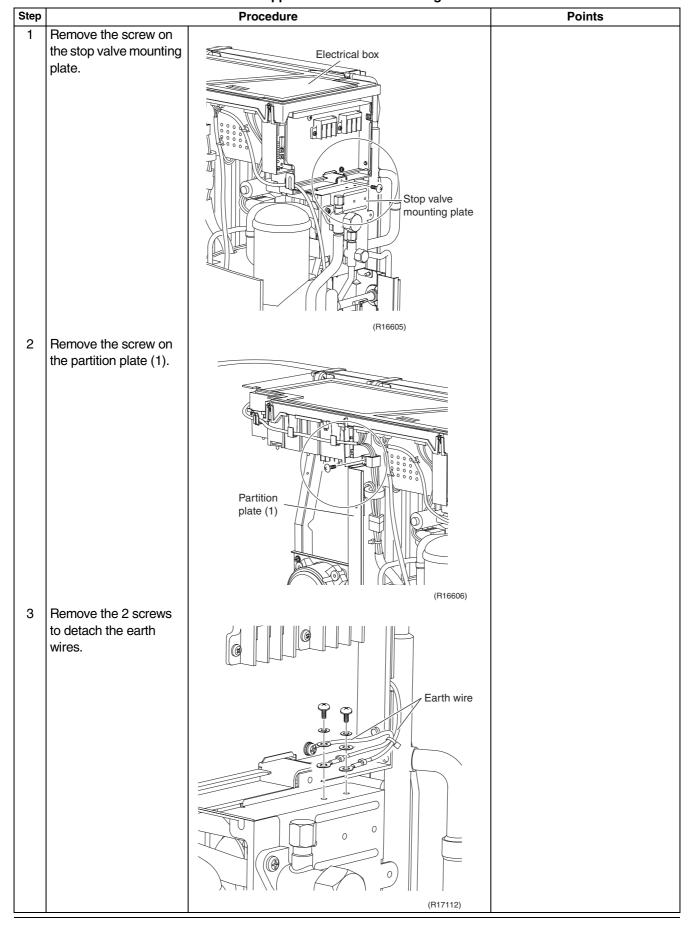
Si00-877 Removal of Electrical Box

2. Removal of Electrical Box

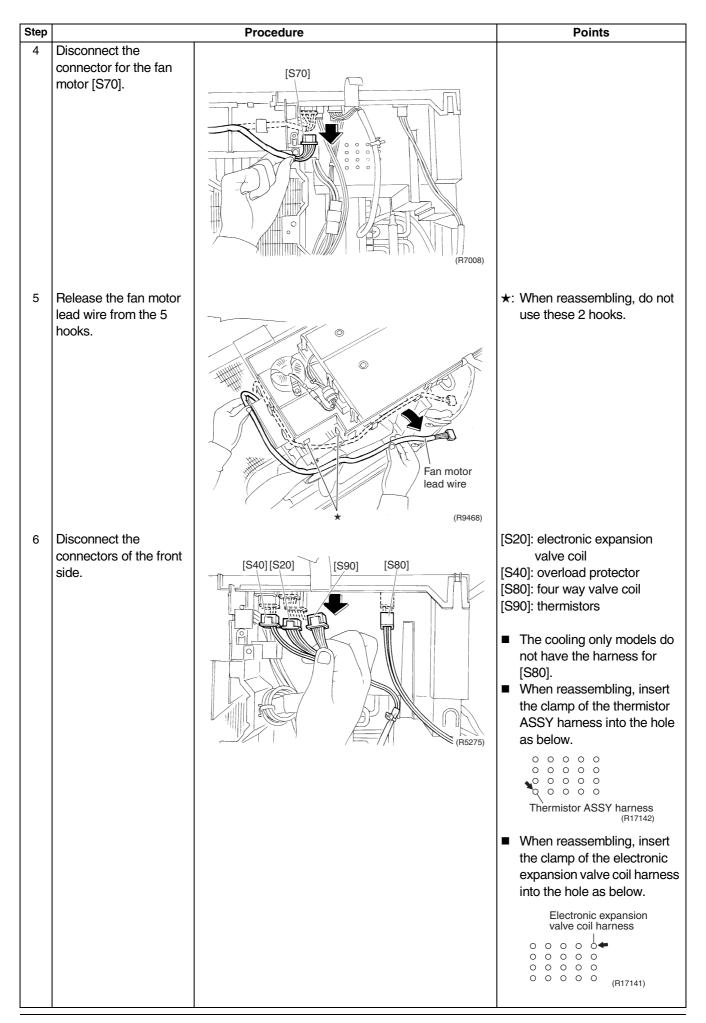
Procedure

/ Warning

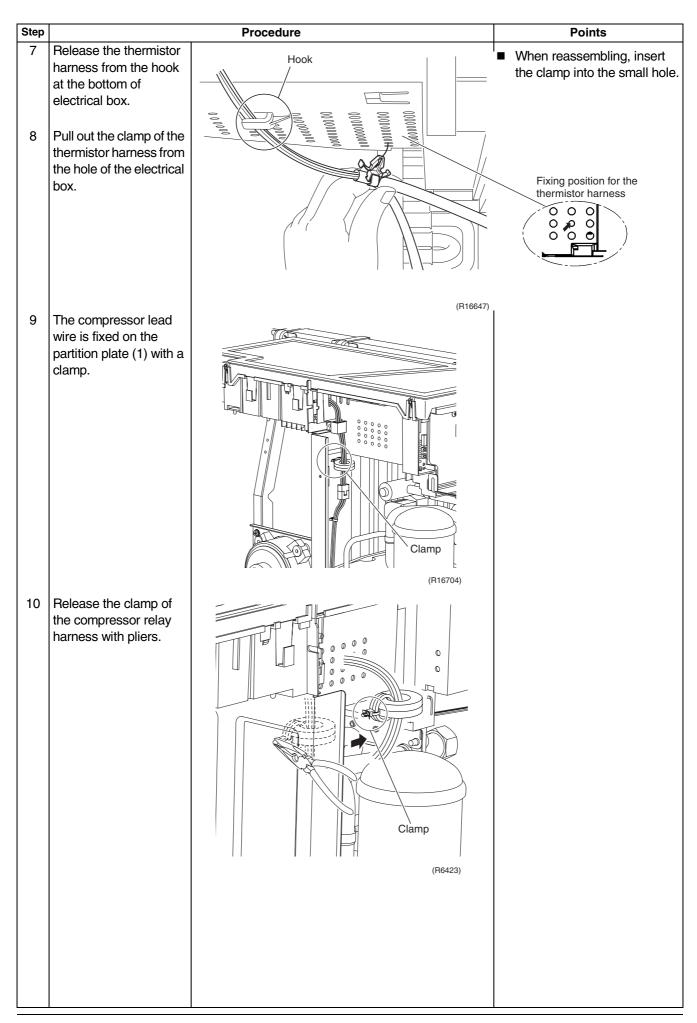
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



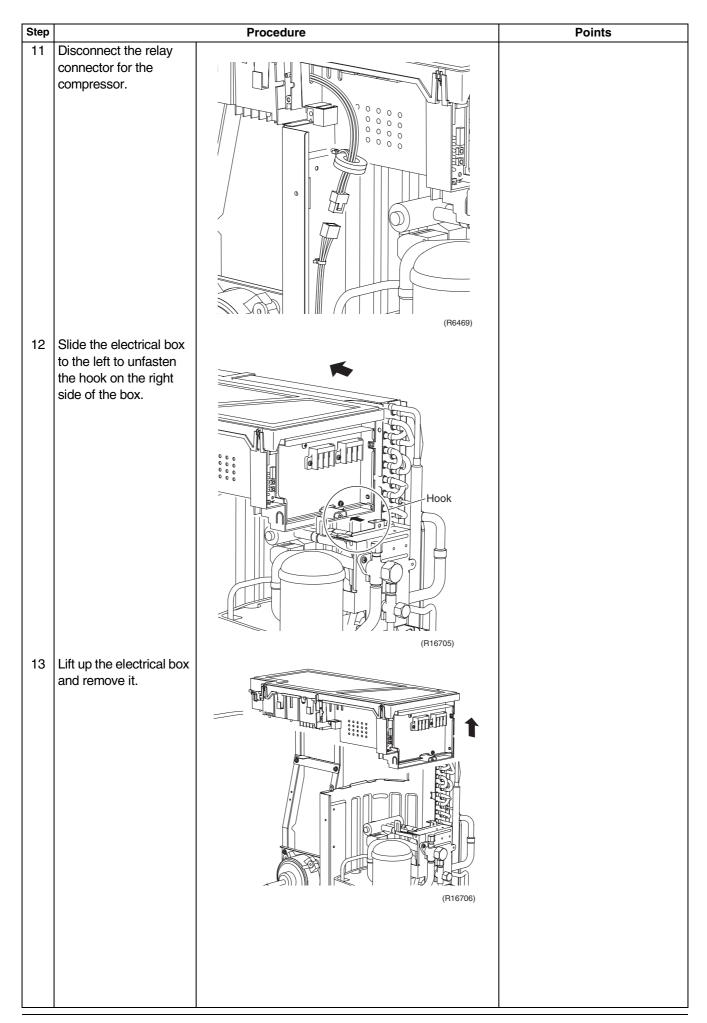
Removal of Electrical Box Si00-877



Si00-877 Removal of Electrical Box



Removal of Electrical Box Si00-877



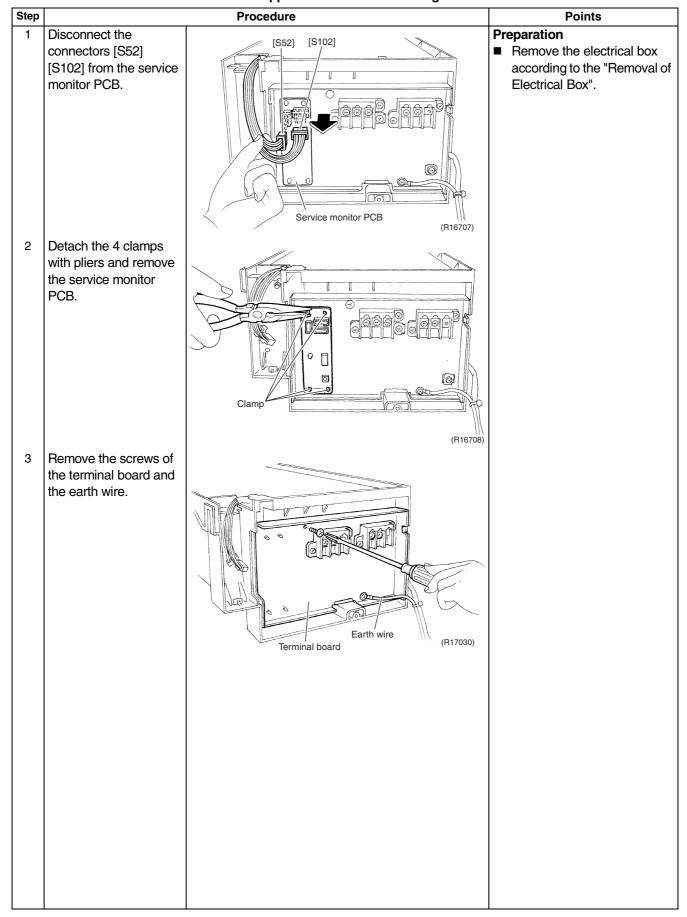
Si00-877 Removal of PCBs

3. Removal of PCBs

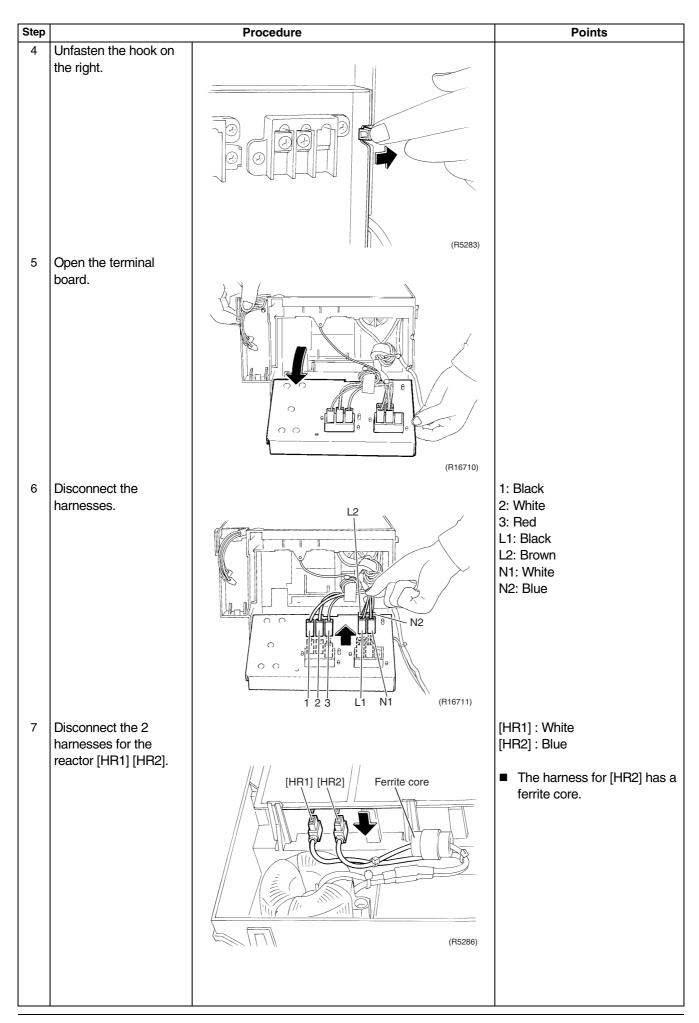
Procedure

Warning

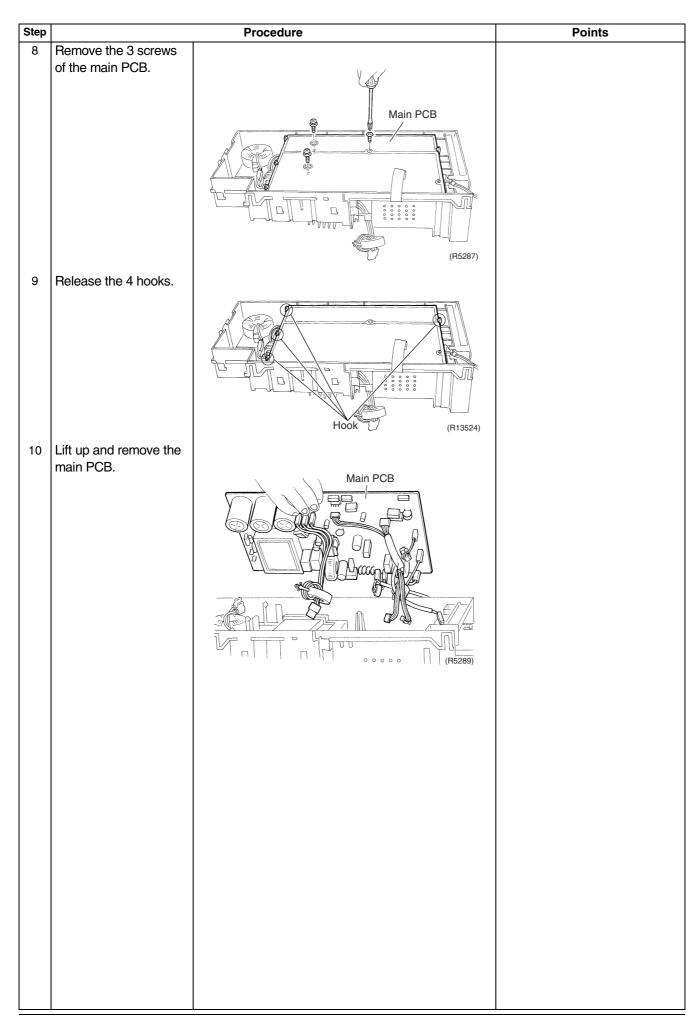
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Removal of PCBs Si00-877



Si00-877 Removal of PCBs



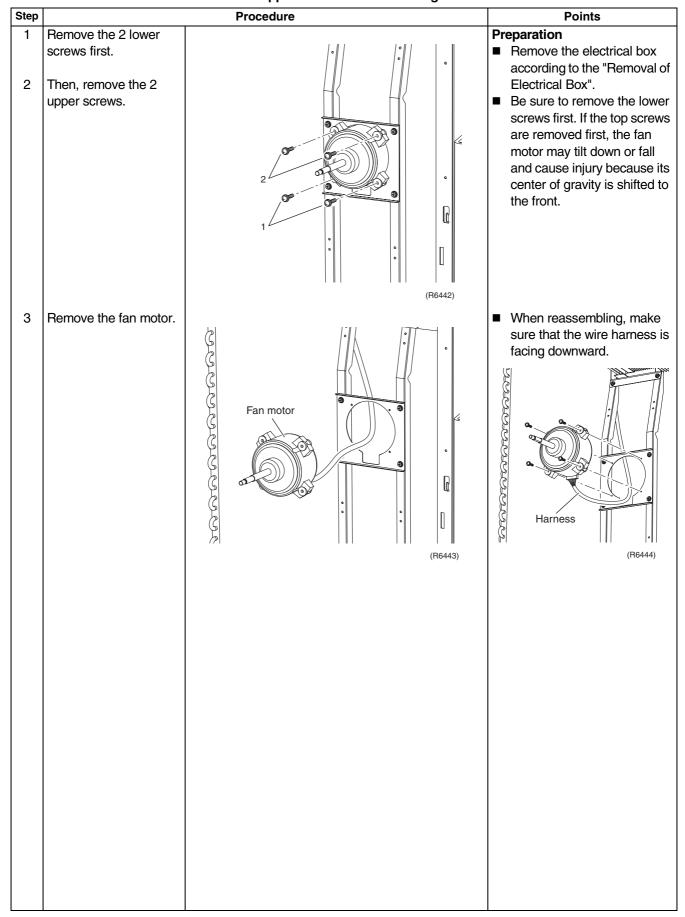
Removal of Fan Motor Si00-877

4. Removal of Fan Motor

Procedure

Warning

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

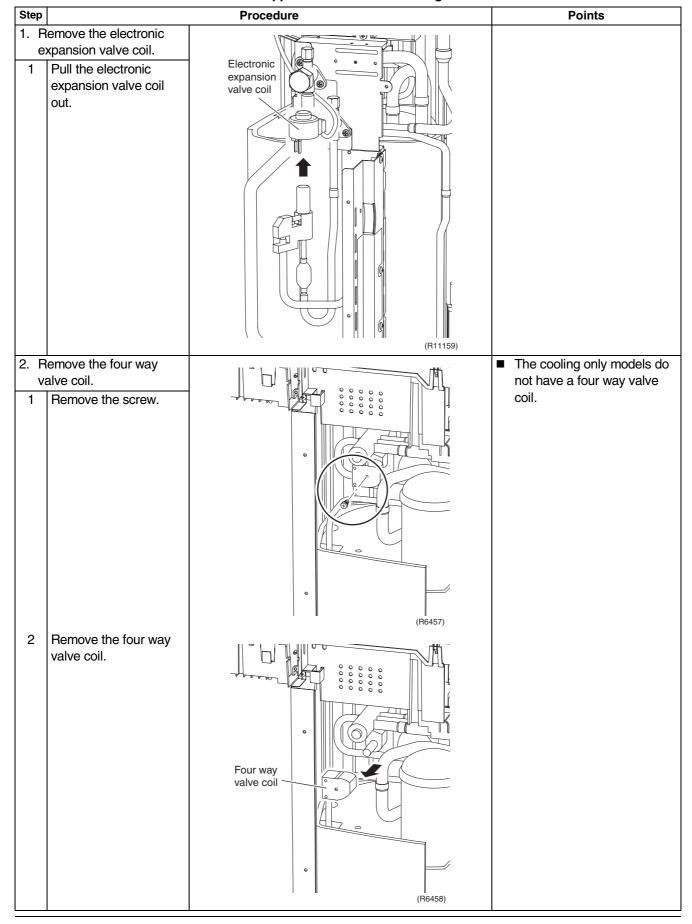


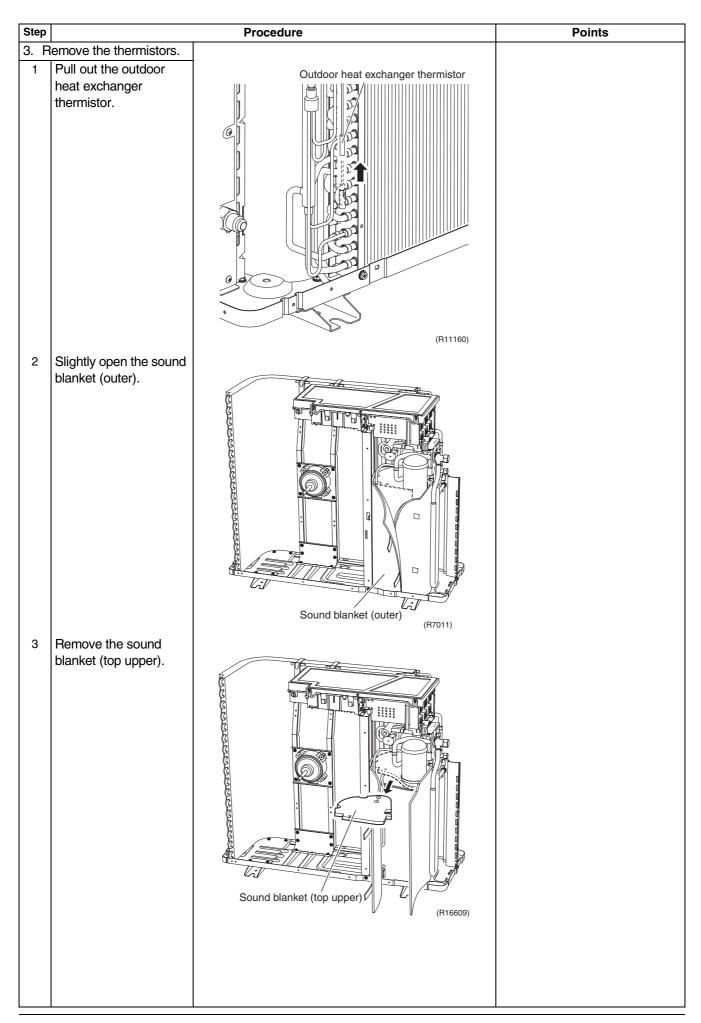
5. Removal of Coils / Thermistors

Procedure

Warning

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Step		Procedure	Points
4	Remove the discharge		
	Remove the discharge pipe thermistor.	Procedure Discharge pipe thermistor (R9469)	Points

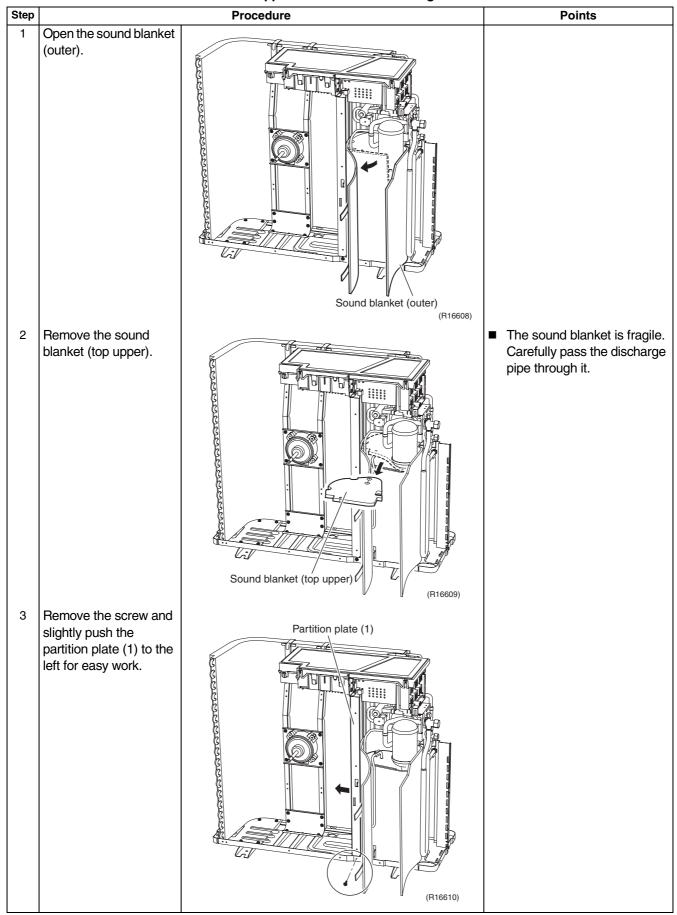
Removal of Sound Blankets Si00-877

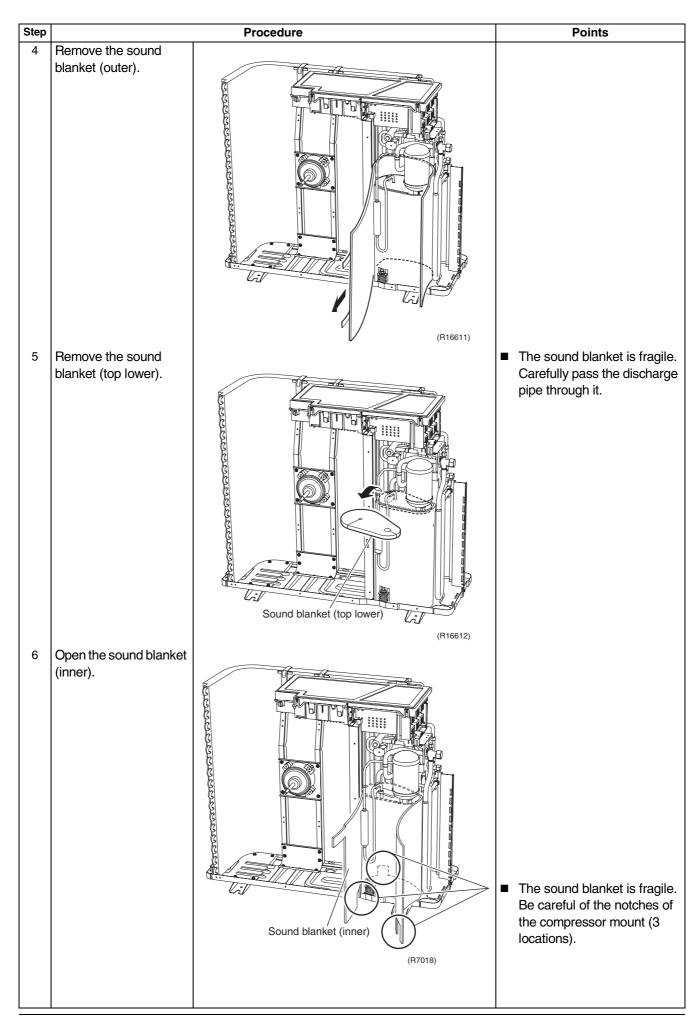
6. Removal of Sound Blankets

Procedure

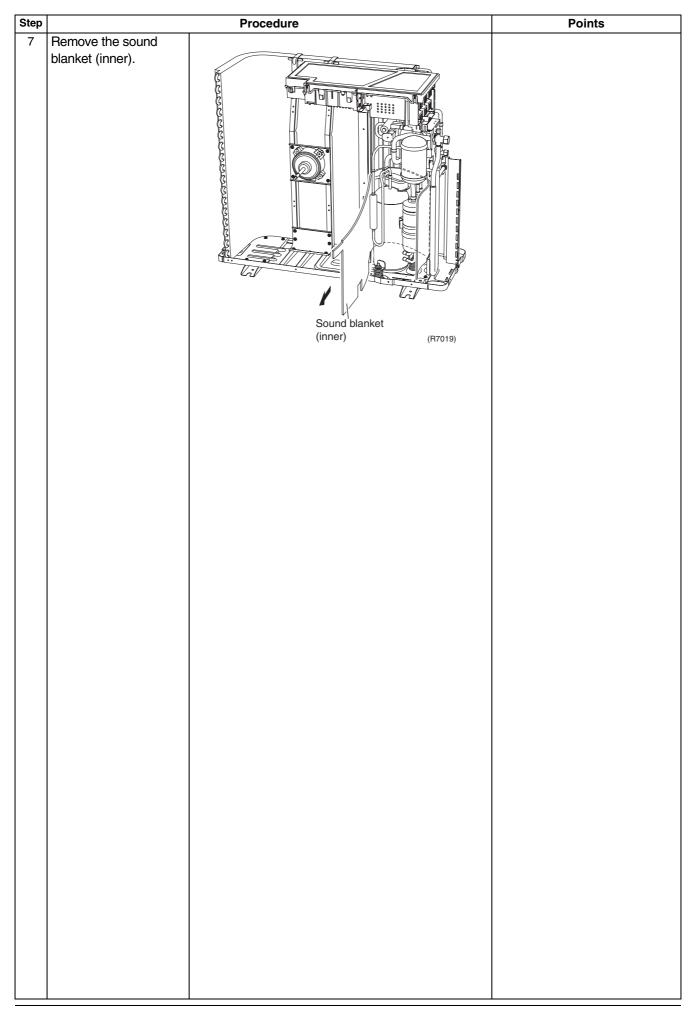
Warning

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Removal of Sound Blankets Si00-877

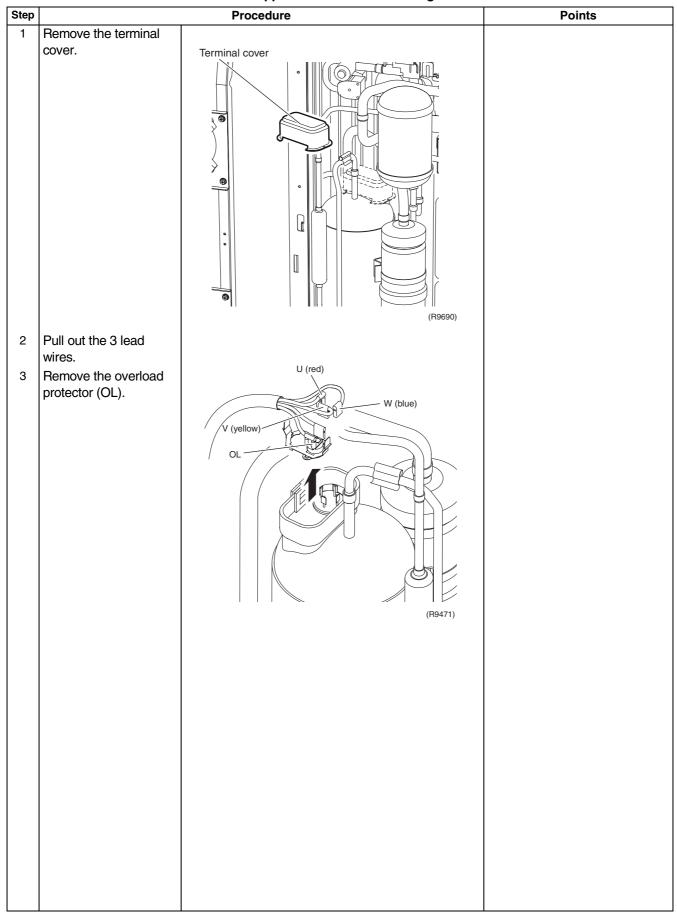


7. Removal of Compressor

Procedure

Warning

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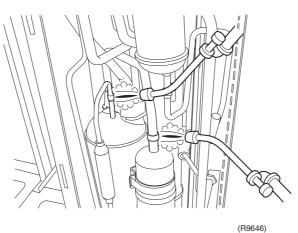
Removal of Compressor Si00-877

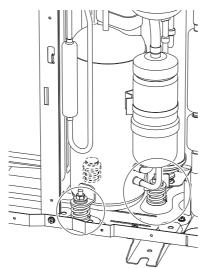
Procedure

Step

- 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.
- Heat up the brazed part and withdraw the piping with pliers.

5





Remove the 2 nuts.

Points

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.)

Warning Since it may happen that the refrigerant oil in the compressor catches fire. prepare wet cloth so as to extinguish fire immediately.

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

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

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

- for cutting pipes by all means because the circuit.
- pipes, be careful not to pinch them firmly with deformed.
- brazing flame cannot influence peripheries.
- Be careful so as not to burn the compressor terminals, the name plate, the heat exchanger fin.

Note:

refrigerant gas. (R9472) ■ Do not use a metal saw sawdust comes into the ■ When withdrawing the pliers. The pipes may get brazing machine ■ Provide a protective sheet or a steel plate so that the

Revision History

Month / Year	Version	Revised contents
06 / 2013	Si00-877	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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