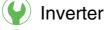




SERVICE MANUAL

2.5/3.5/4.2 kW Class









Service Manual Removal Procedure

Outdoor Unit

Cooling Only

RKS25EBVMV RKS35EBVMV

RKS25GVM4 RKS35GVM4

RKS25GVMV RKS35GVMV

RKS25JVMG RKS35JVMG

RKD25GVMV RKD35GVMV RKD42GVMV

RKD25HVMV RKD35HVMV RKD42HVMV ●Heat Pump

RXS25EBVMV RXS35EBVMV

RXS25GVMV RXS35GVMV

Table of Contents

1.	Outer Panels	2
2.	Fan Motor	4
3.	Electrical Box	6
4.	PCB	8
5.	Reactor / Partition Plate	9
6.	Sound Blankets	10
7.	Four Way Valve	11
8.	Compressor	13



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

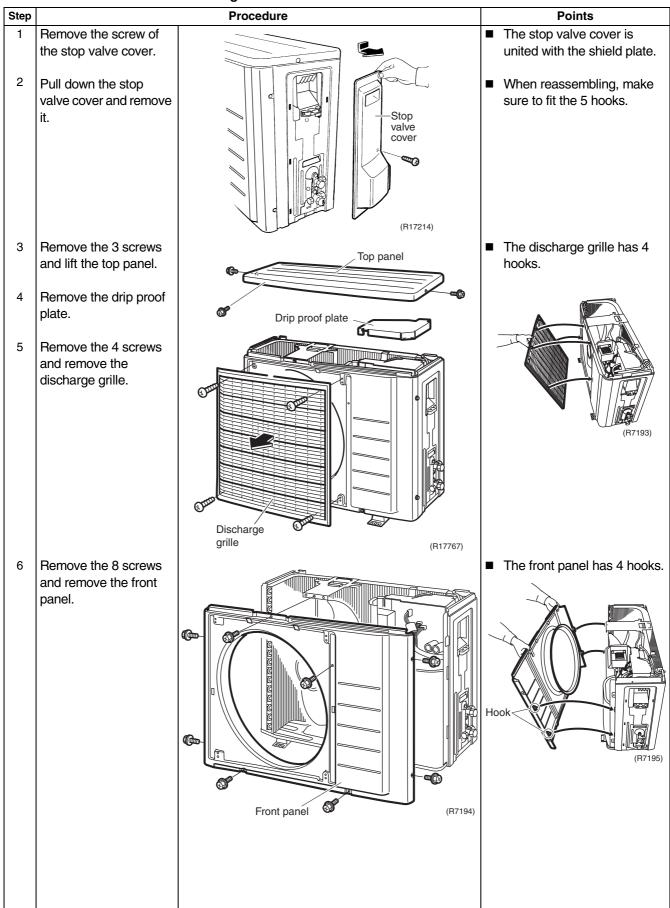
Outer Panels Si001267EB

1. Outer Panels

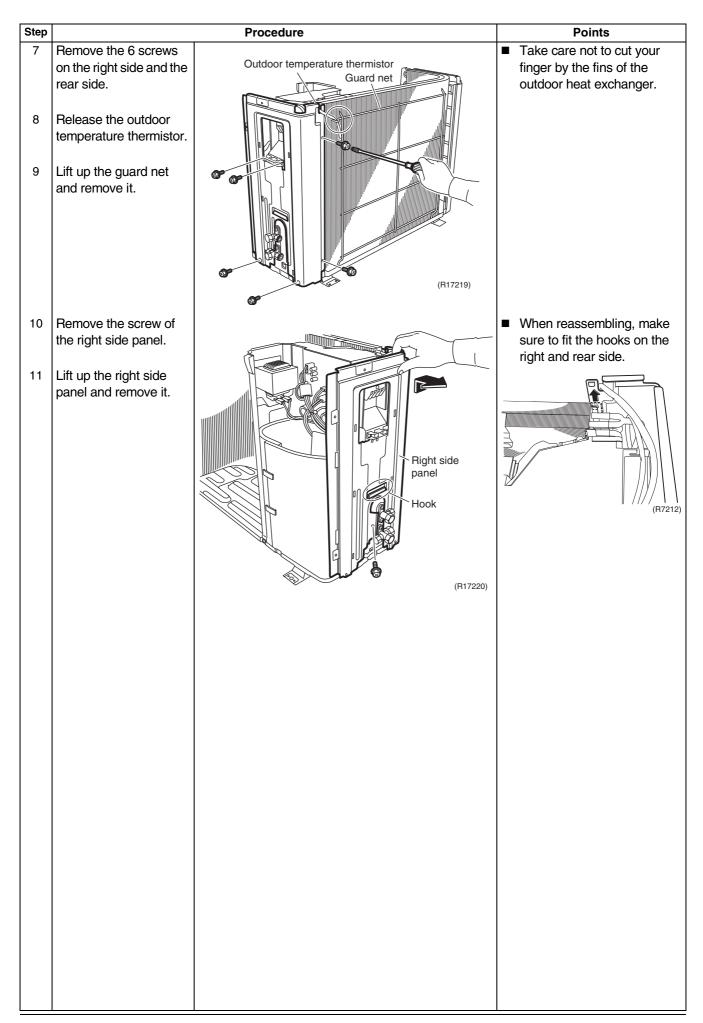


Warning

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



Si001267EB Outer Panels



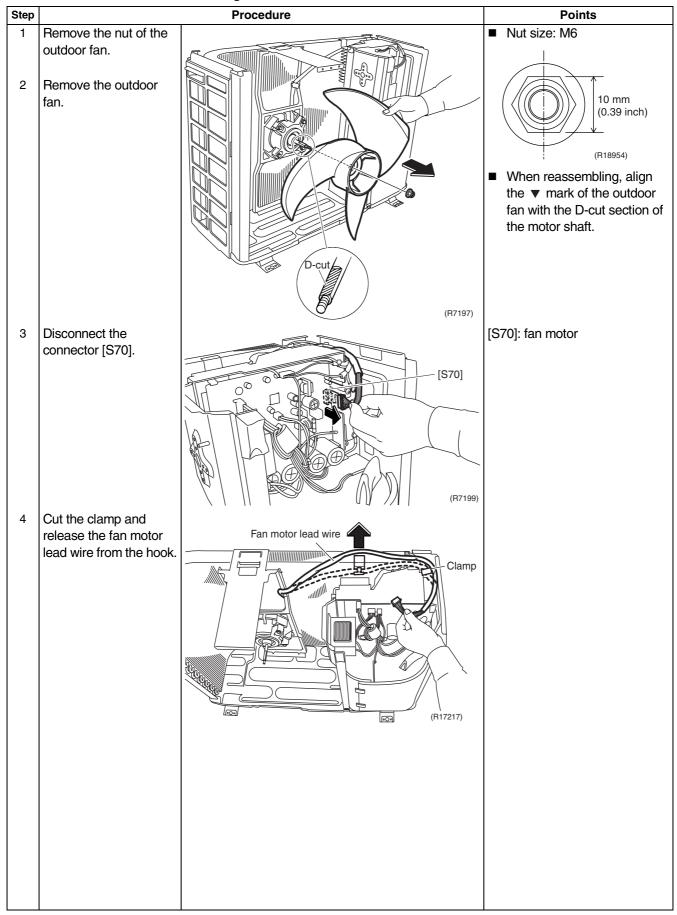
Fan Motor Si001267EB

2. Fan Motor

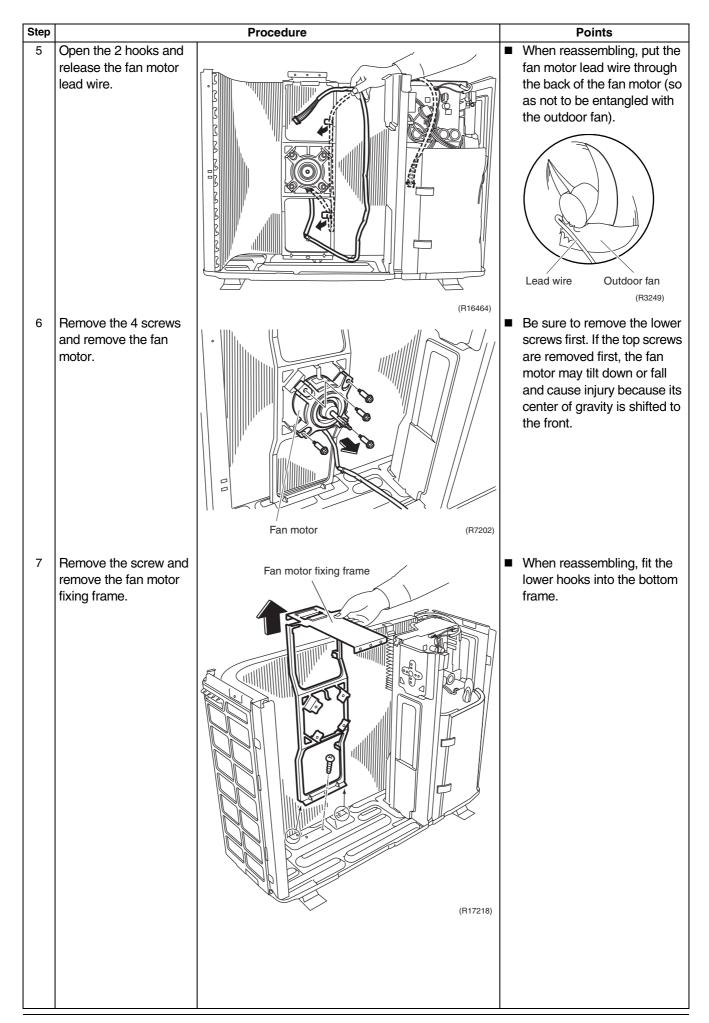


Warning

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



Si001267EB Fan Motor



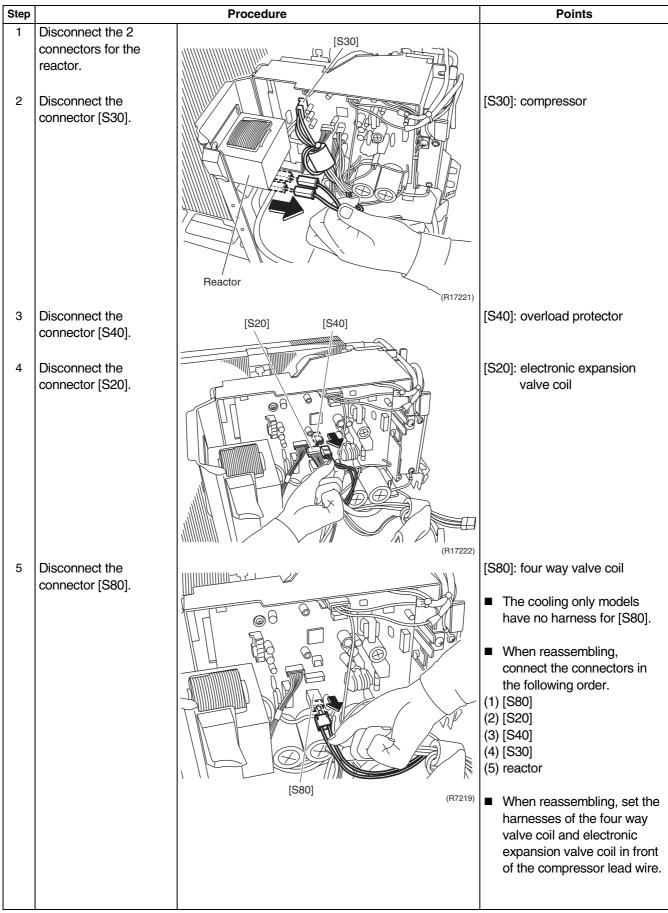
Electrical Box Si001267EB

3. Electrical Box

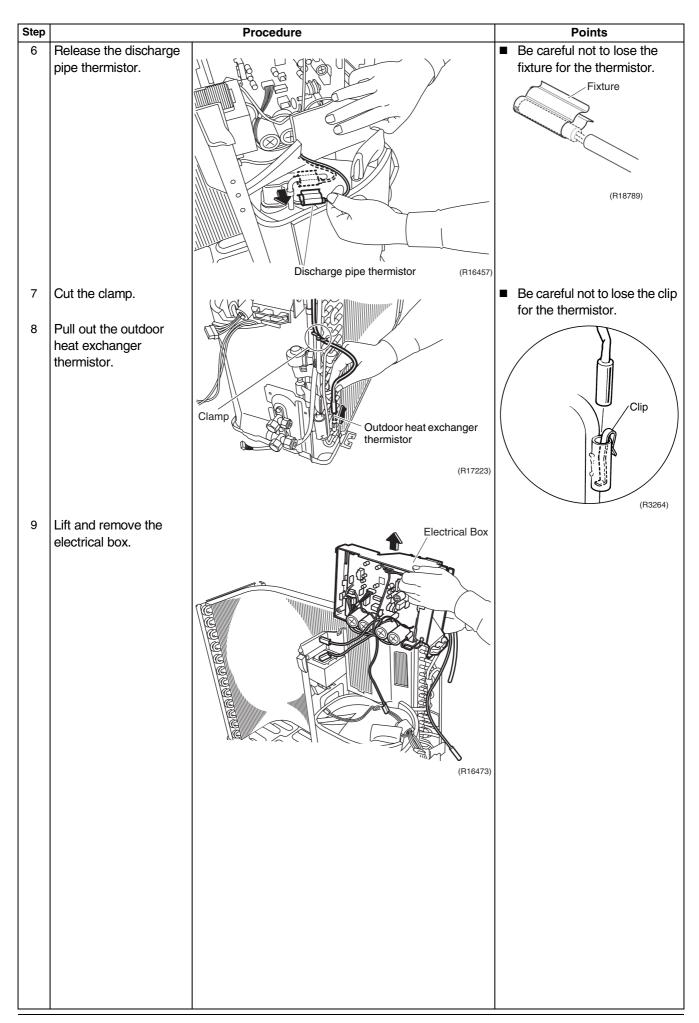


Warning

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



Si001267EB Electrical Box



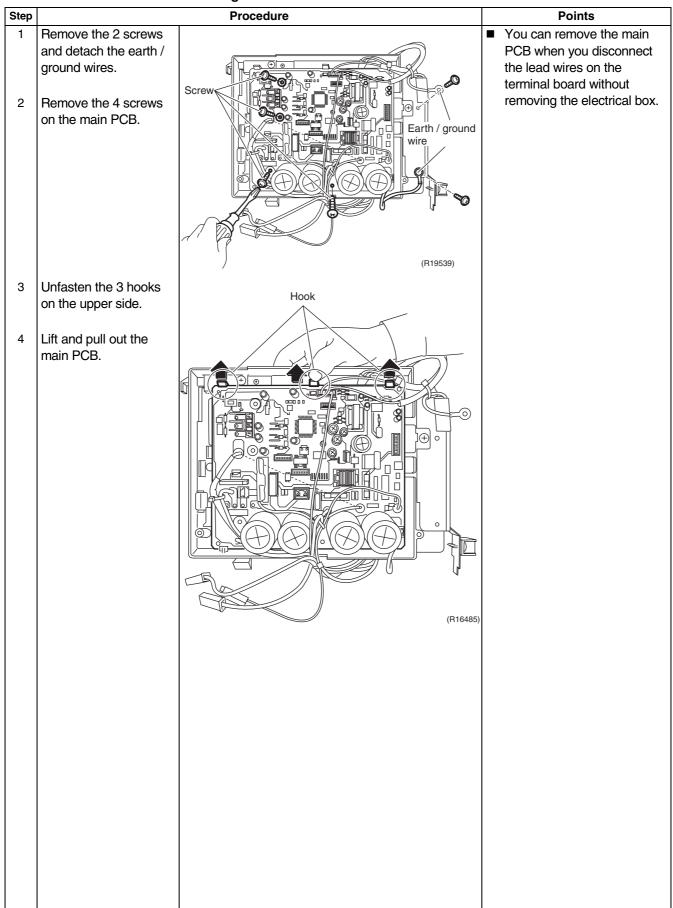
PCB Si001267EB

4. PCB



Warning

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



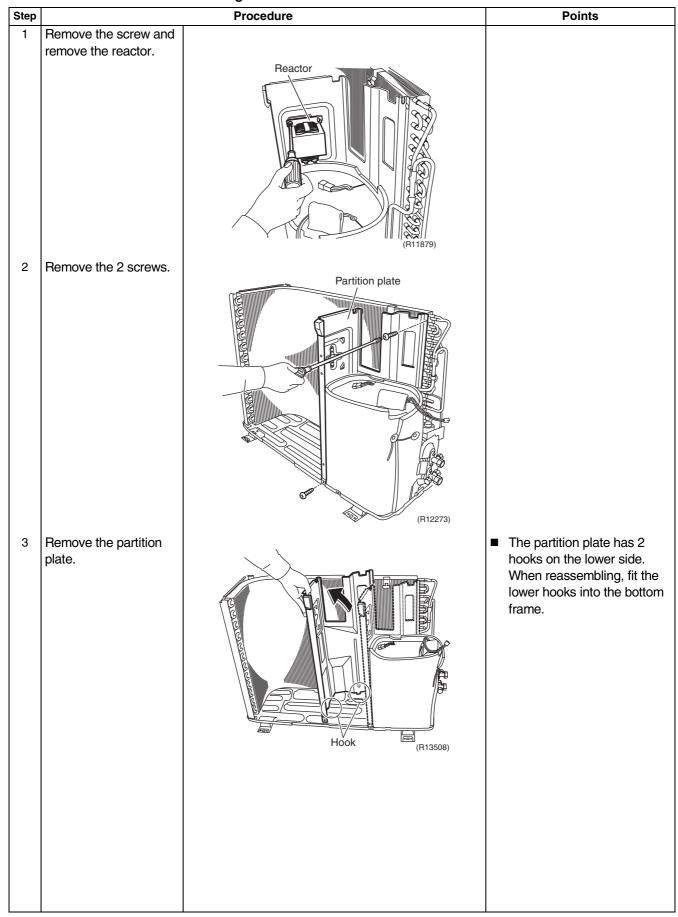
Si001267EB Reactor / Partition Plate

5. Reactor / Partition Plate



Warning

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



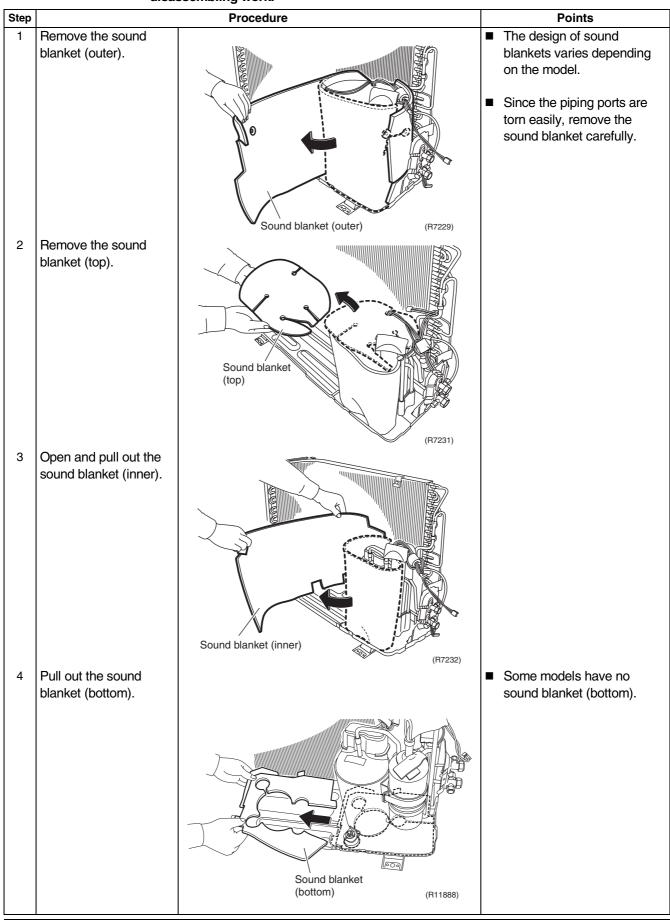
Sound Blankets Si001267EB

6. Sound Blankets



Warning

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



Si001267EB Four Way Valve

7. Four Way Valve



Warning

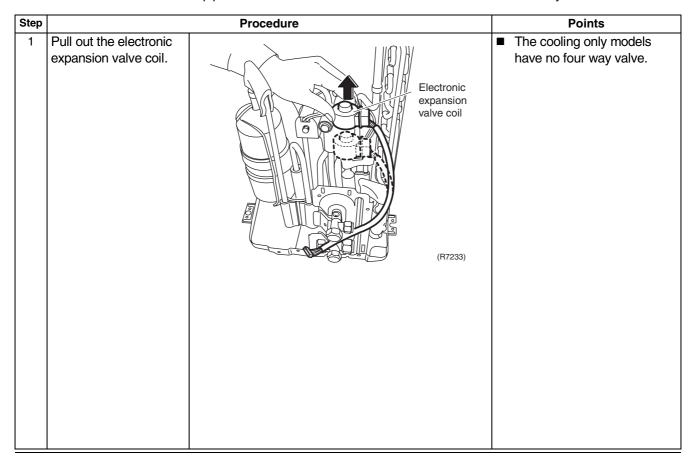
- Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.
- Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine.
- If the refrigerant gas leaks during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.)



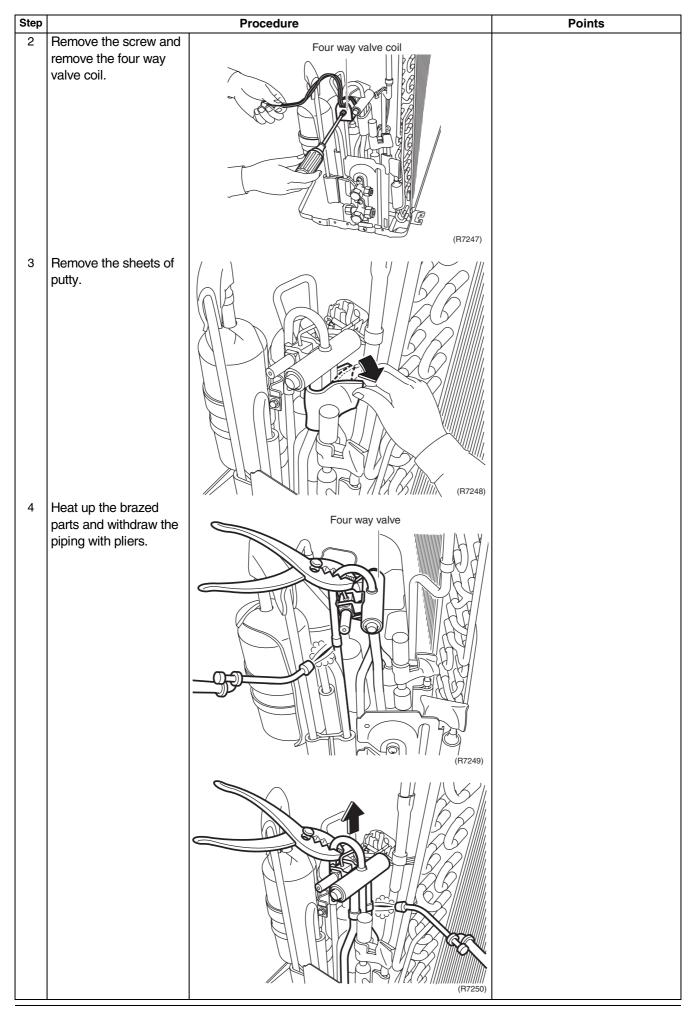
- From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.
- · Cautions for restoration
 - 1. Restore the piping by non-oxidation brazing.
 - It is required to prevent the carbonization of the oil inside the four way valve and the
 deterioration of the gaskets affected by heat. (Keep below 120°C (248°F).) For the sake of
 this, wrap the four way valve with wet cloth and provide water so that the cloth does not
 dry.



- . 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.
- 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.
- Be careful so as not to burn the compressor terminals, the name plate, the outdoor heat exchanger fin.
- In case of difficulty with gas brazing machine.
 - 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.



Four Way Valve Si001267EB



Si001267EB Compressor

8. Compressor



Warning

- Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.
- Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine.
- If the refrigerant gas leaks during work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas may be generated.)
- Since it may happen that the refrigerant oil in the compressor catches fire, prepare wet cloth so as to extinguish fire immediately.



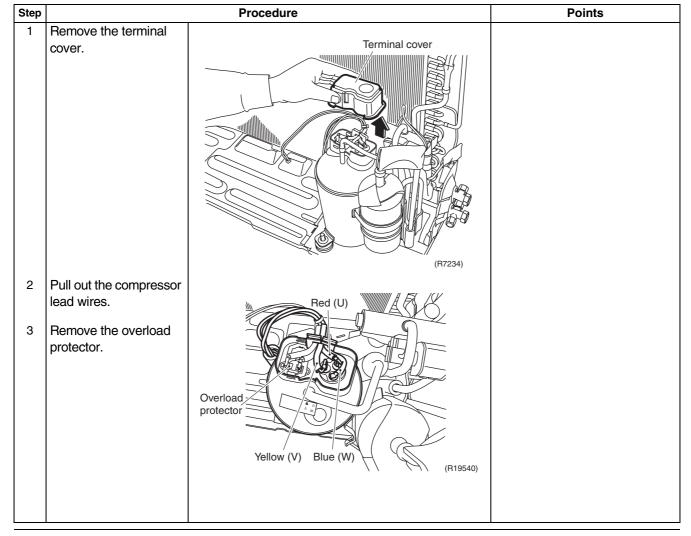
Caution

- From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.
- Restore the piping by non-oxidation brazing.

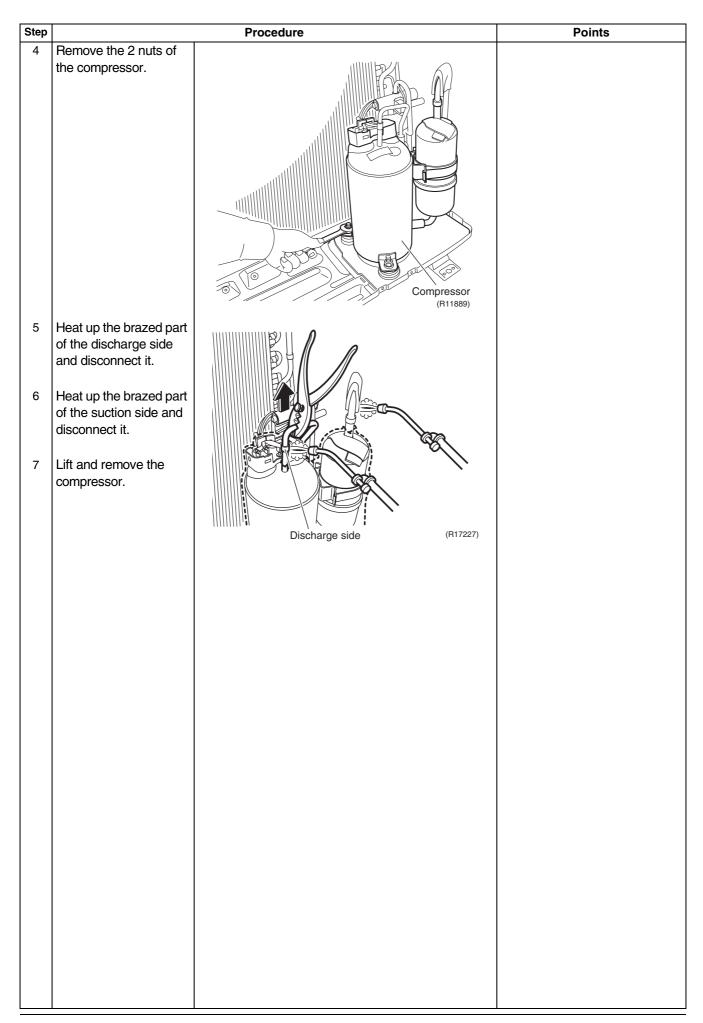


Note

- 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.
- 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.
- Be careful so as not to burn the compressor terminals, the name plate, the outdoor heat exchanger fin.
- · In case of difficulty with gas brazing machine.
 - 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.



Compressor Si001267EB



Revision History

Month / Year	Version	Revised contents
09 / 2012	Si001267	First edition
11 / 2013	Si001267EA	Model addition: RKS25/35GVM4, RKS25/35GVMV, RKS25/35JVMG
02 / 2014	Si001267EB	Model addition: RXS25/35GVMV, RKD25/35/42HVMV



- 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

©All rights reserved