

Si001166



5.0/6.0/7.1/8.0/9.0 kW Class 24000/28000/33000 Btu/h Class



Outdoor Unit



Pair Type



Service Manual Removal Procedure

Outdoor Unit

Applicable Models

•Cooling Only RKS24HV2S RKS28HV2S RKS33HV2S

RKS71LVMA

Heat Pump
 RXS71KVM
 RXS80KVM
 RXS90KVM
 RXS24LVJU

RXS71LVMA

RXS60LAVMA

RXS50LBVMA

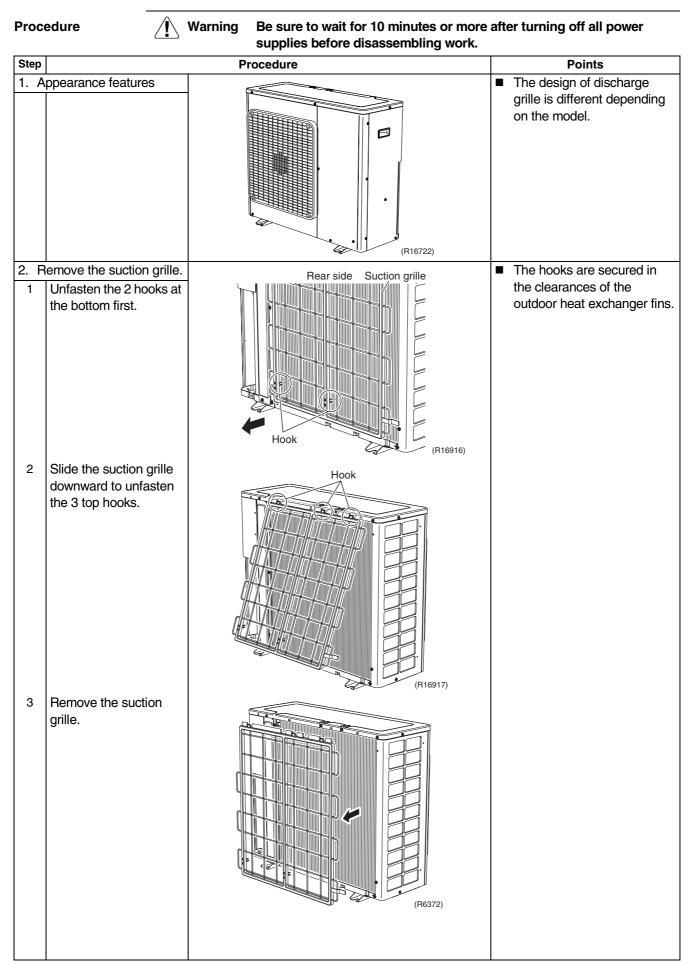
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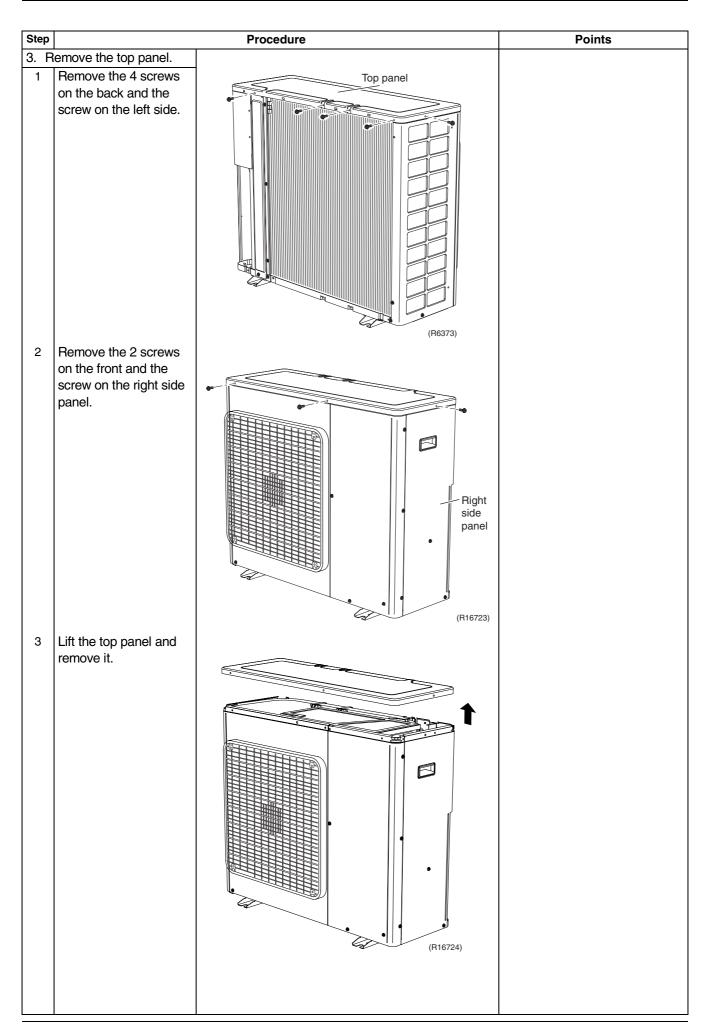
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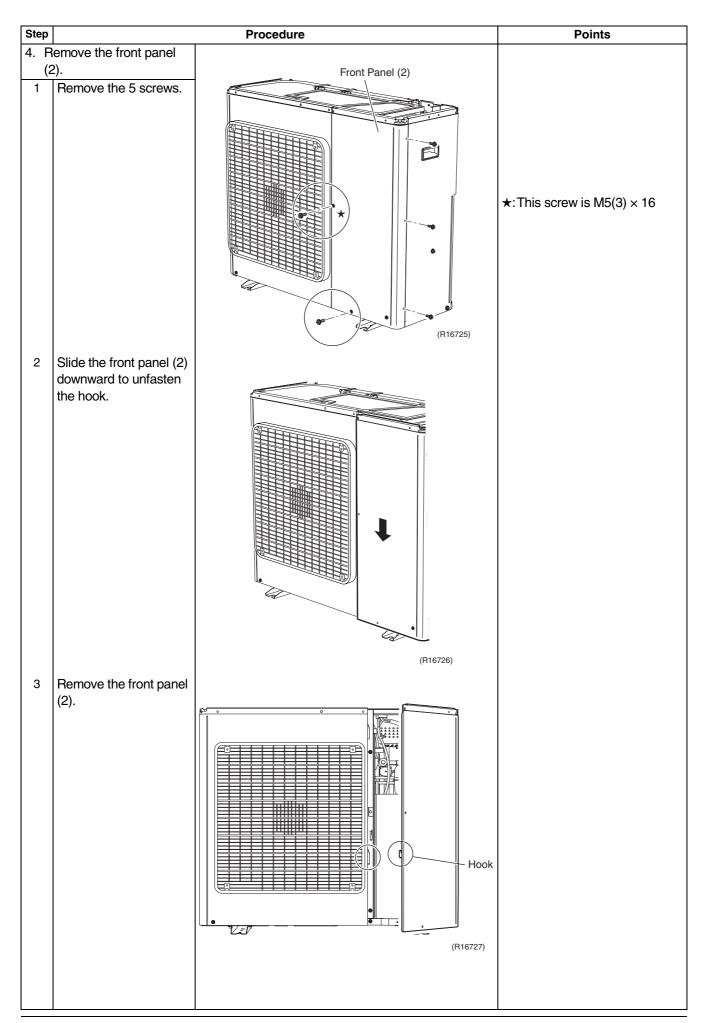


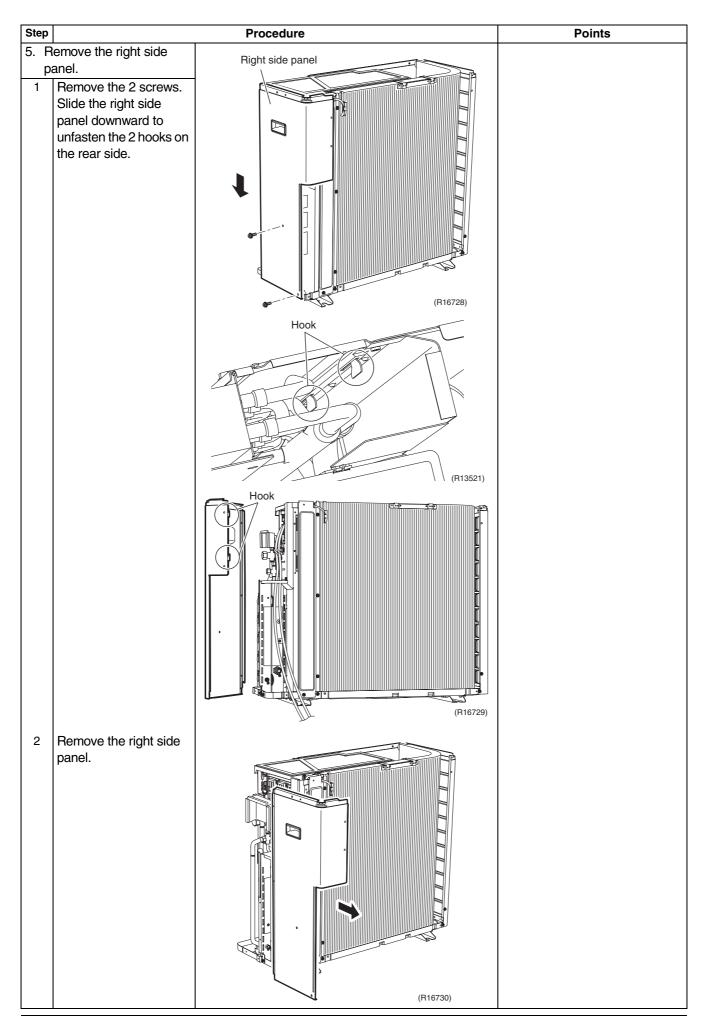
The illustrations may be slightly different depending on the model.
The illustrations are for heat pump models as representative.

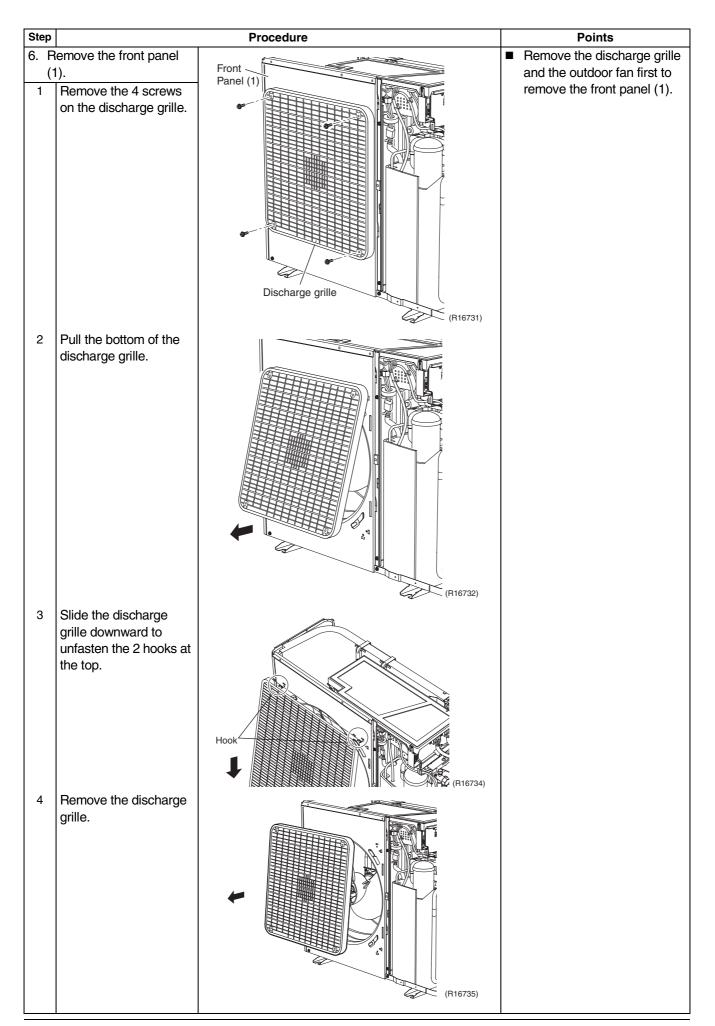
1. Removal of Outer Panels



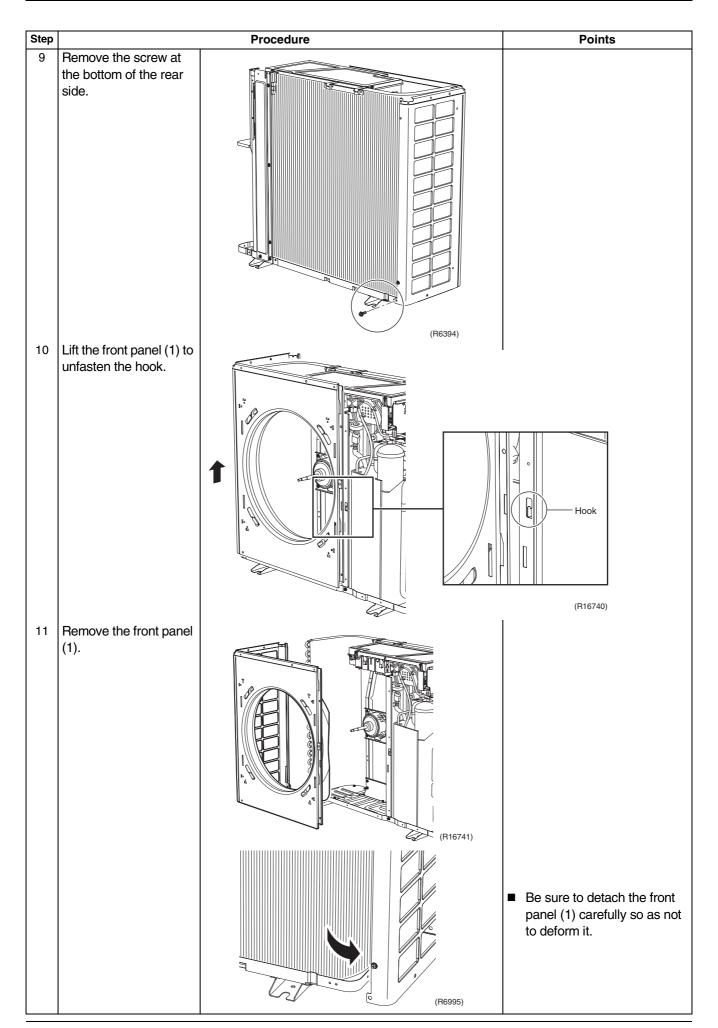




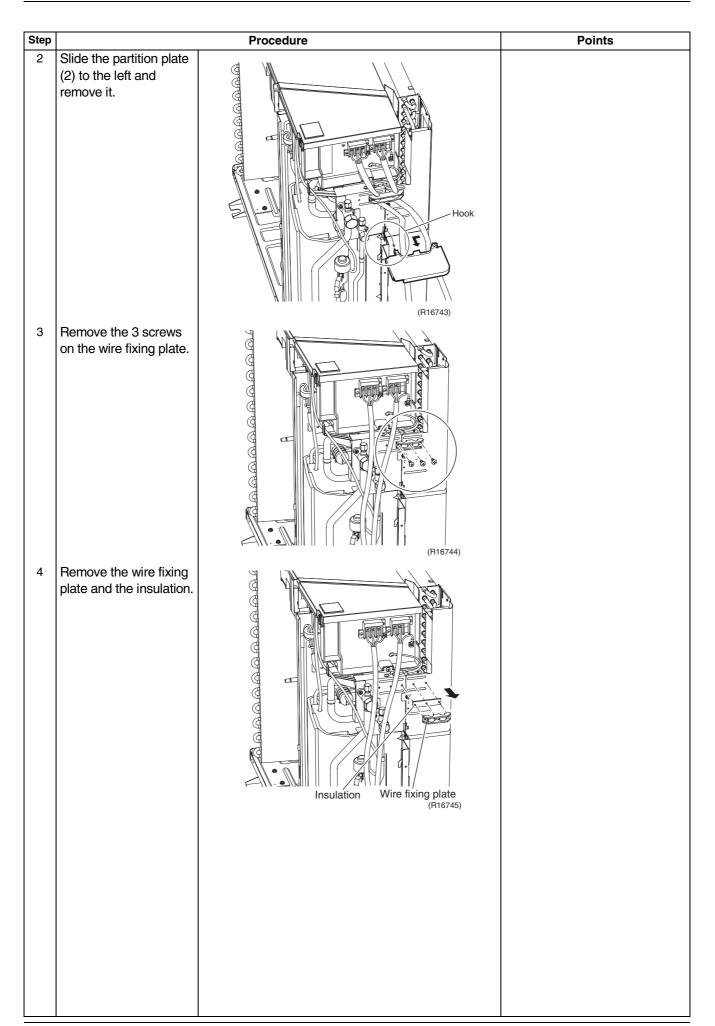


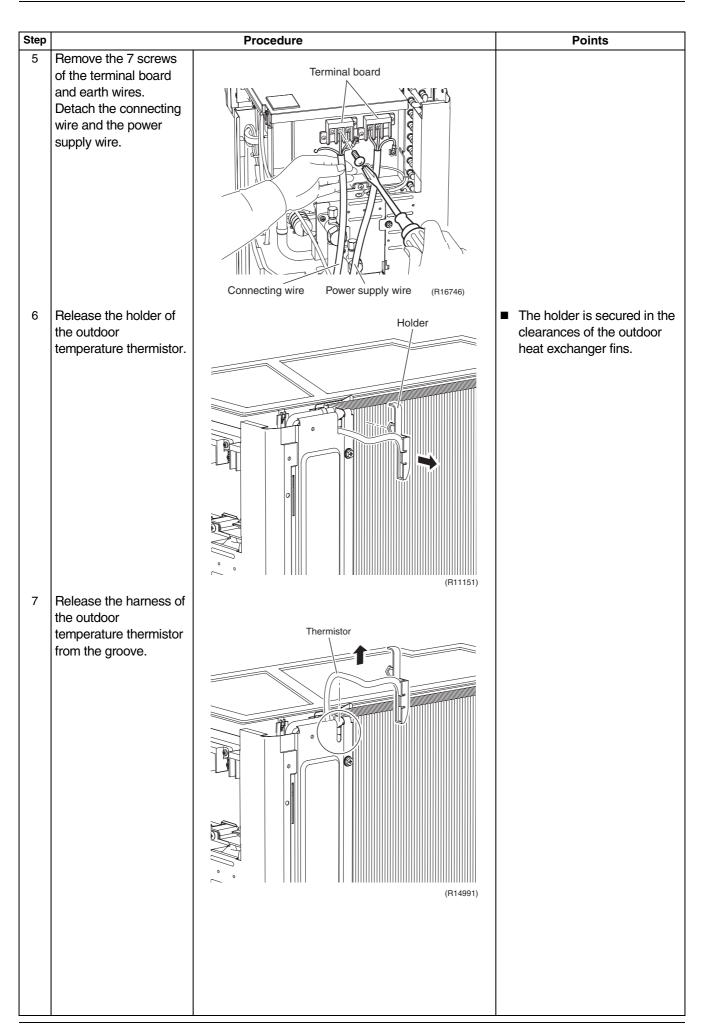


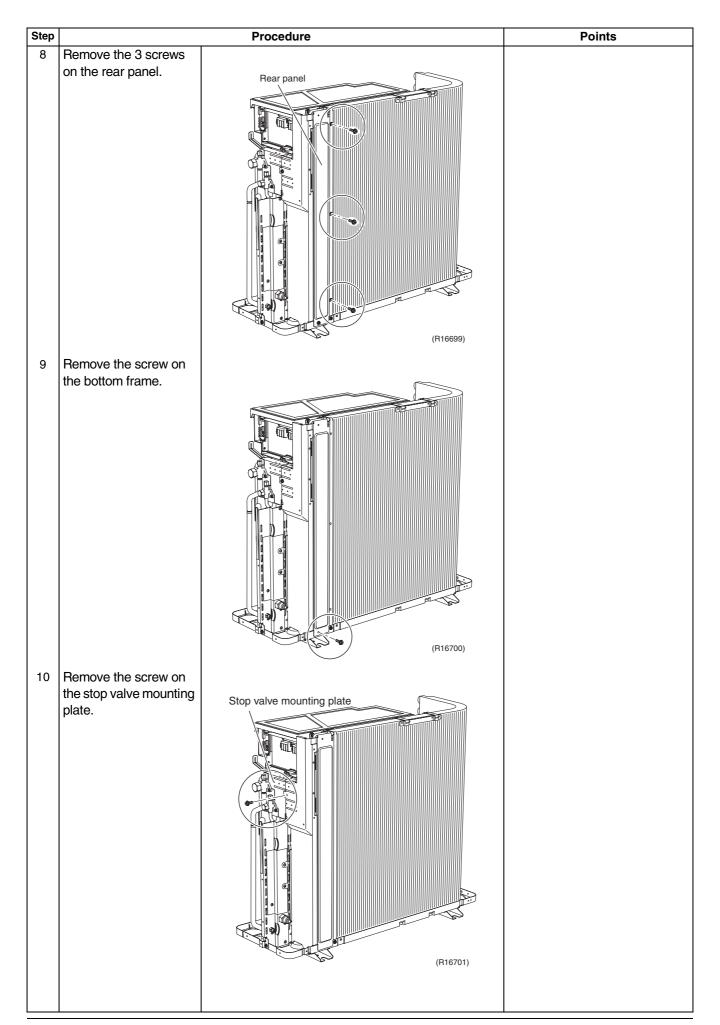
Step		Procedure	Points
5	Remove the nut of the		Nut size : M8
	outdoor fan.	Outdoor fan (R16736)	(R12301)
6	Remove the 2 screws on the partition plate (1).	(R16737)	
7	Remove the screw at		
	the bottom left of the front.	Partition plate (1)	
8	Remove the screw at the bottom of the left side.	(H16739)	

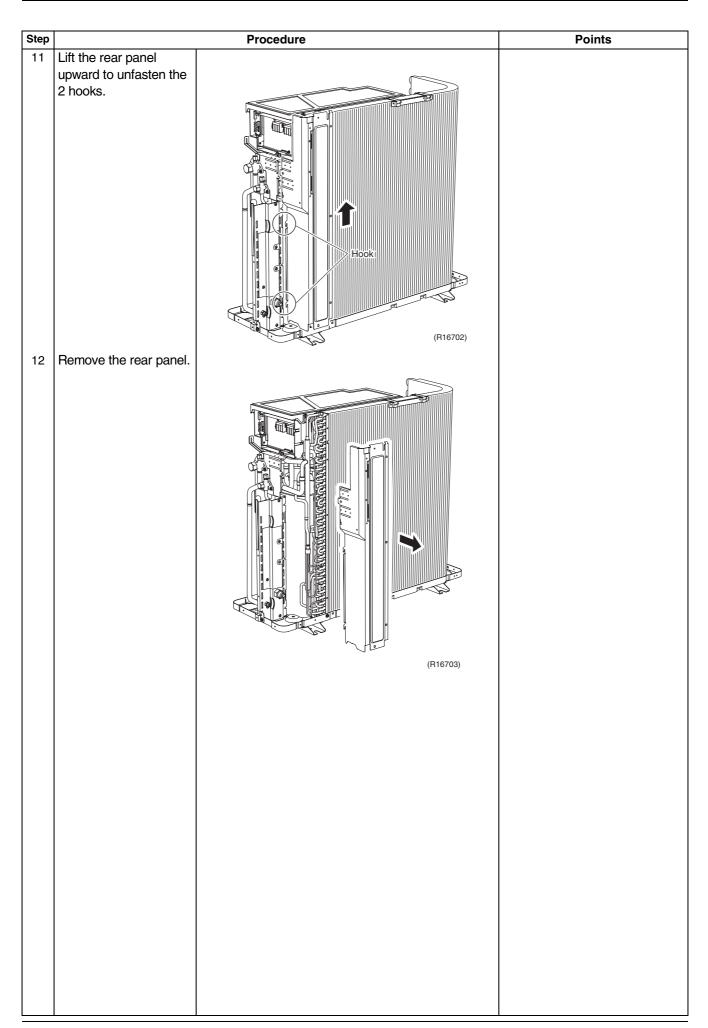


Step		Procedure	Points
7. R	emove the shield plate.		
	The U.S. models only)		
1	Remove the 2 screws, and remove the shield plate ASSY.	Rear panel Shield plate ASSY (R16599)	
2	Release the clamps of the connection wire.		
8 B	emove the rear panel.		
1	Remove the screw on the partition plate (2).	Periadra Periadra	





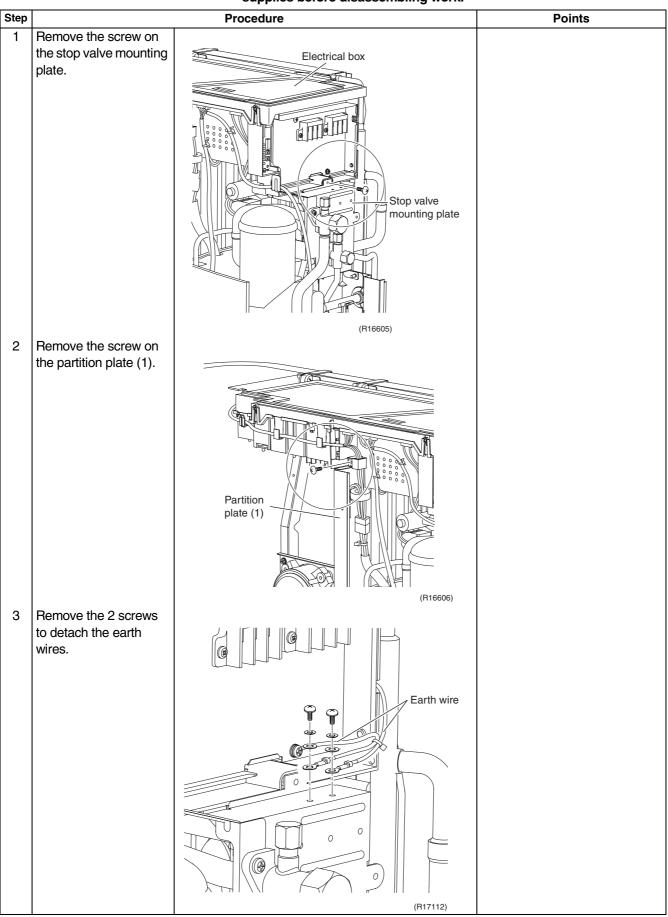




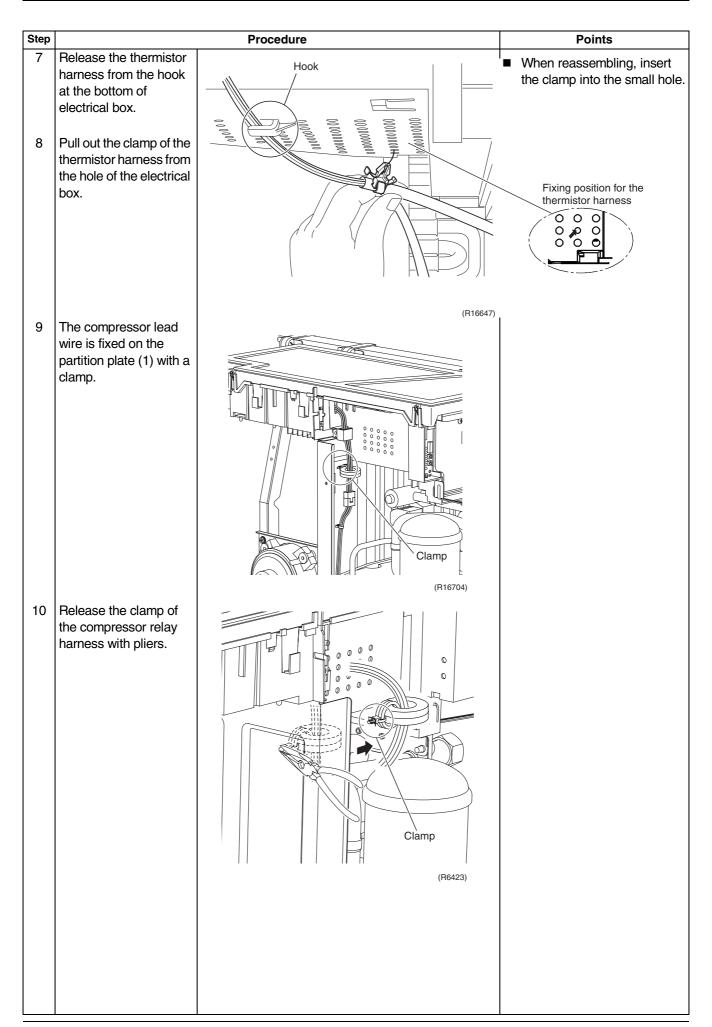
2. Removal of Electrical Box

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

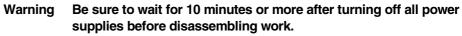


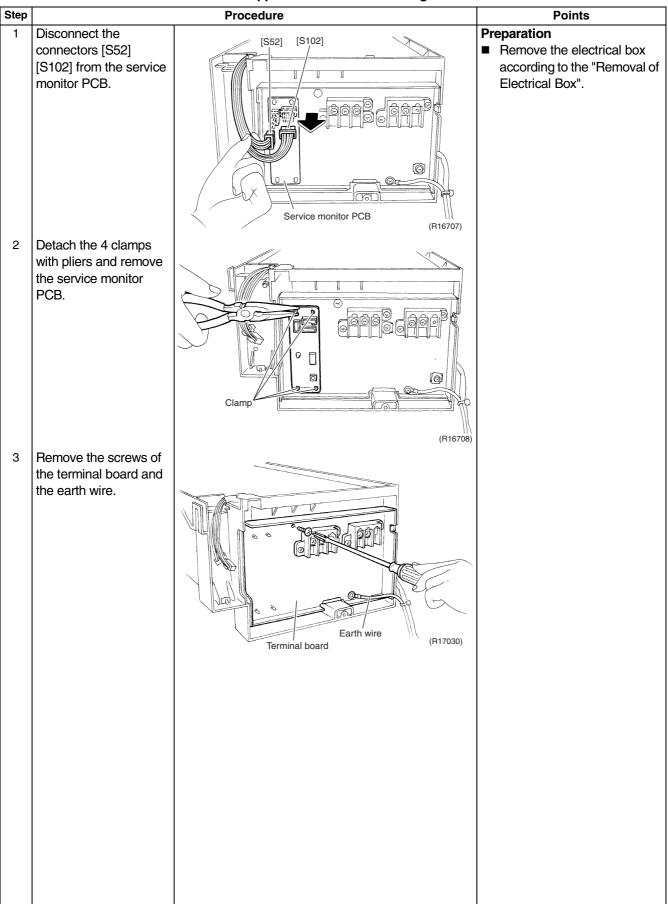
Step		Procedure	Points
4	Disconnect the connector for the fan motor [S70].	(F708)	
5	Release the fan motor lead wire from the 5 hooks.	Image: Constrained state stat	★: When reassembling, do not use these 2 hooks.
6	Disconnect the connectors of the front side.	Image: A constrained of the second of the	 [S20]: electronic expansion valve coil [S40]: overload protector [S80]: four way valve coil [S90]: thermistors When reassembling, insert the clamp of the thermistor ASSY harness into the hole as below. O O O



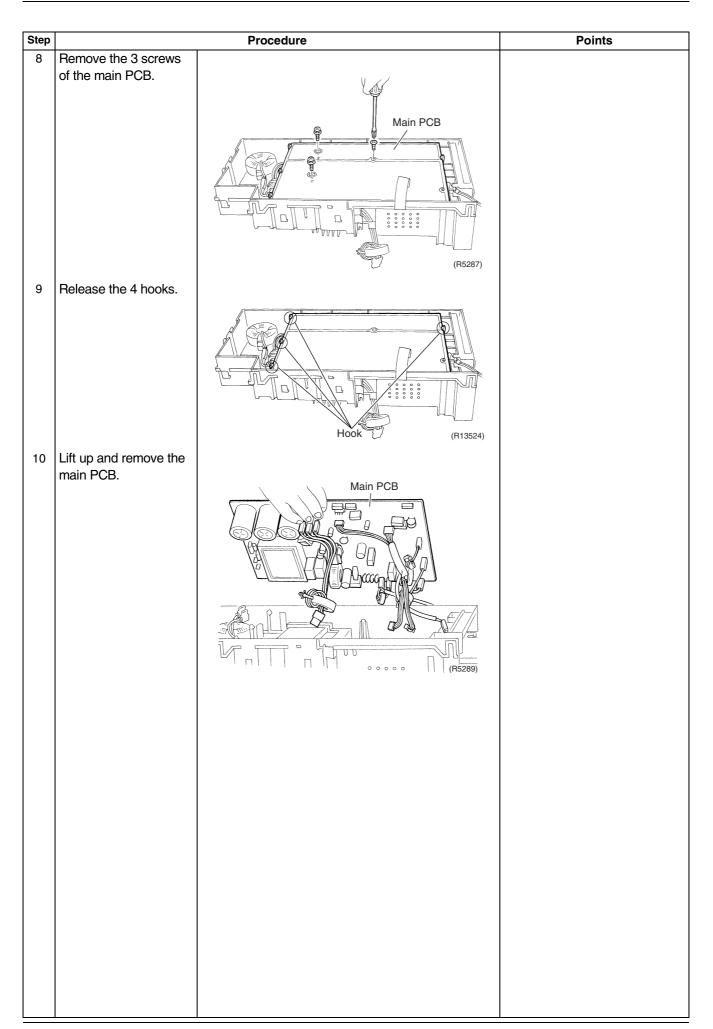
Step		Procedure	Points
11	Disconnect the relay		
	connector for the compressor.	(R6469)	
12	Slide the electrical box to the left to unfasten the hook on the right side of the box.	<image/>	
13	Lift up the electrical box and remove it.	<image/>	

3. Removal of PCBs



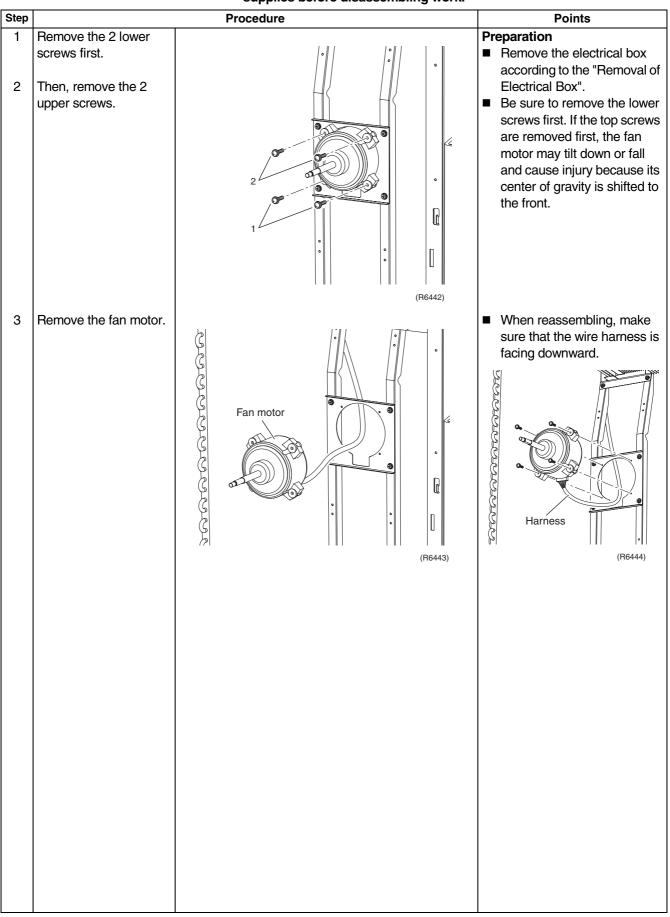


Step		Procedure	Points
4	Unfasten the hook on		
5	the right. Open the terminal	P P P P P P P P P P P P P P P P P P P	
	board.	(R16710)	
6	Disconnect the harnesses.	L2 V V V V V V V V V V V V V	1: Black 2: White 3: Red L1: Black L2: Brown N1: White N2: Blue
7	Disconnect the 2 harnesses for the reactor [HR1] [HR2].	(HR1) [HR2] Ferrite core	 [HR1] : White [HR2] : Blue The harness for [HR2] has a ferrite core.

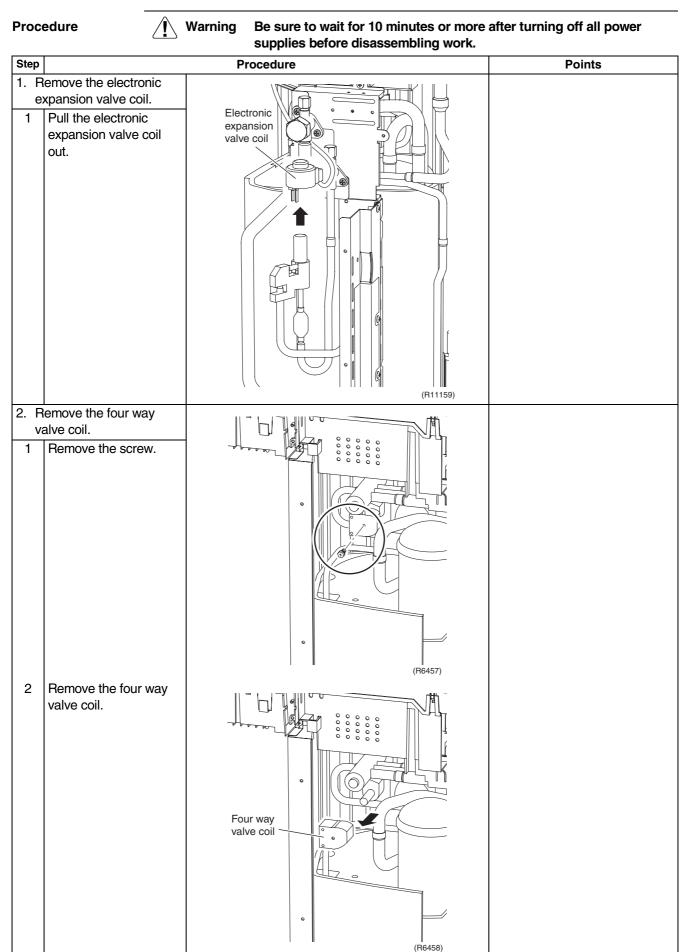


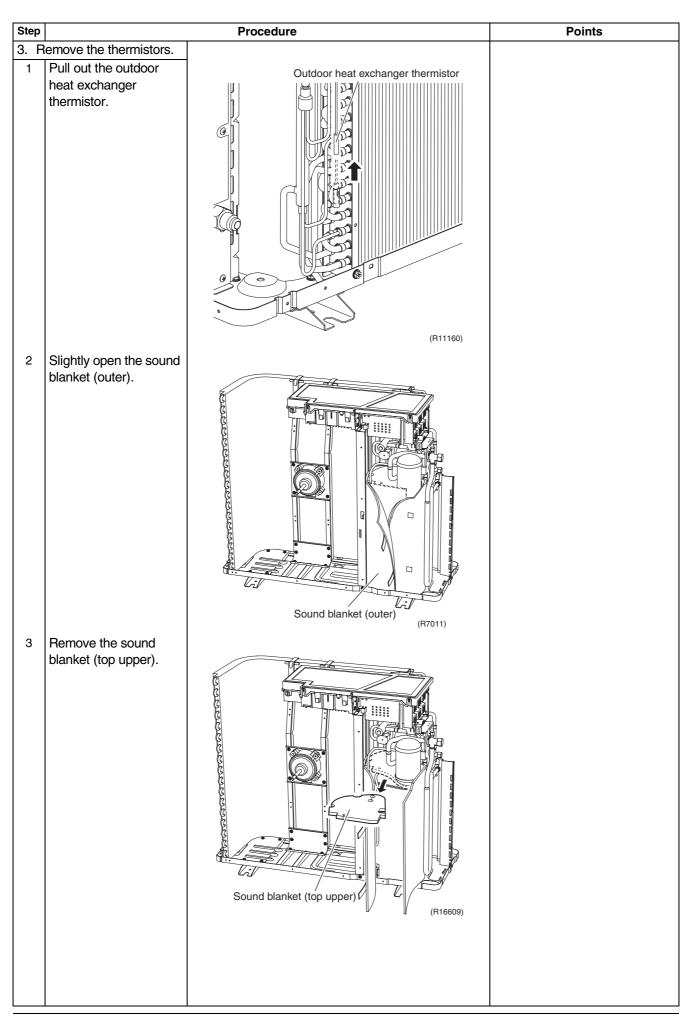
4. Removal of Fan Motor

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



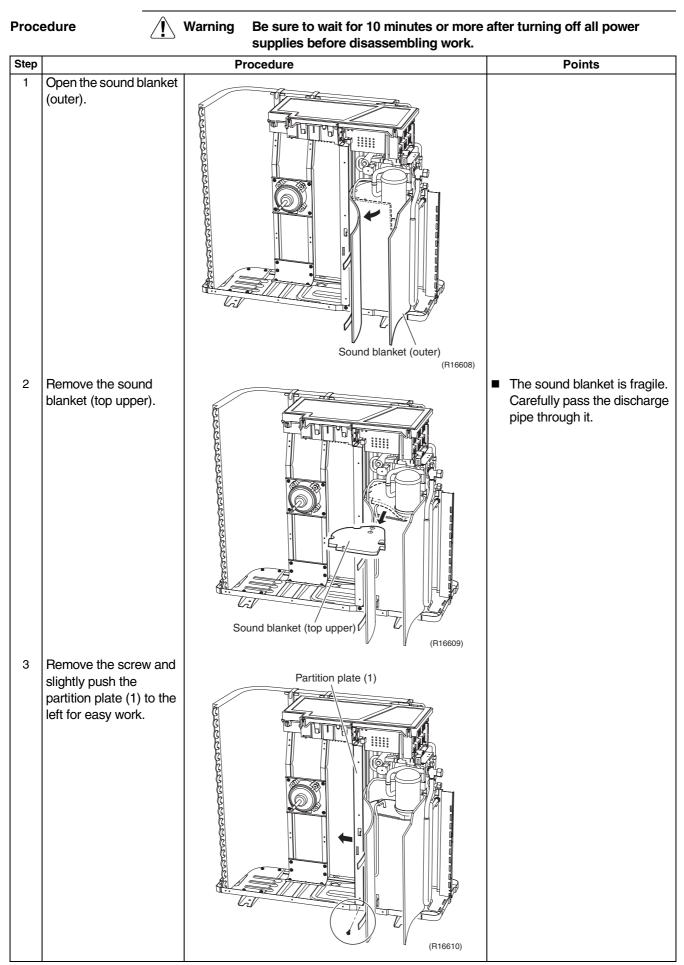
5. Removal of Coils / Thermistors

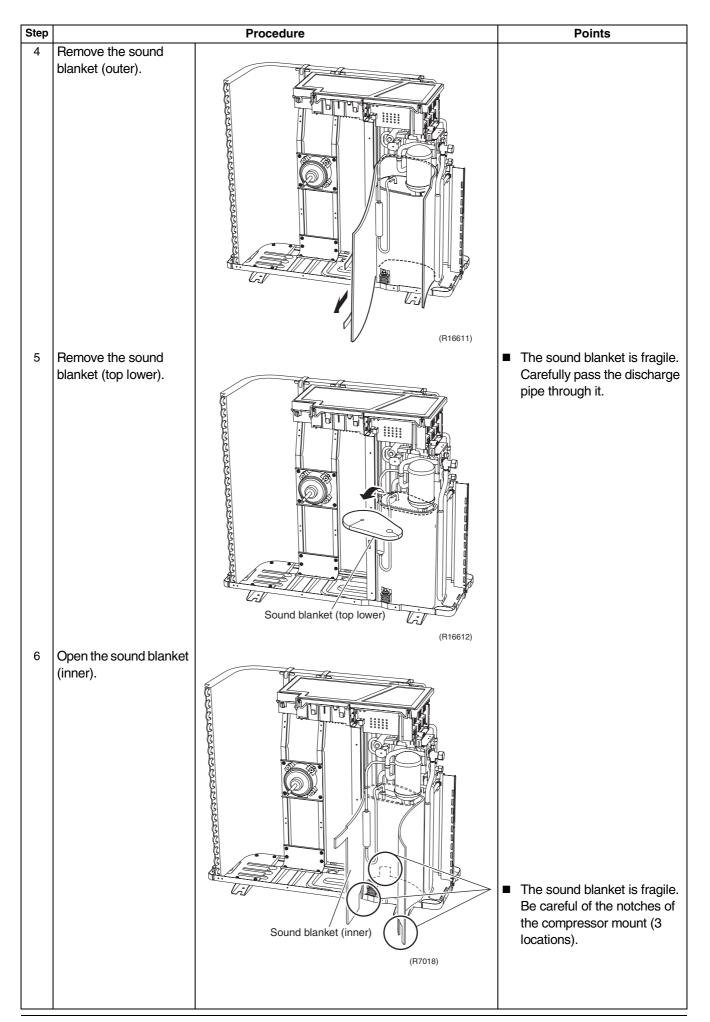


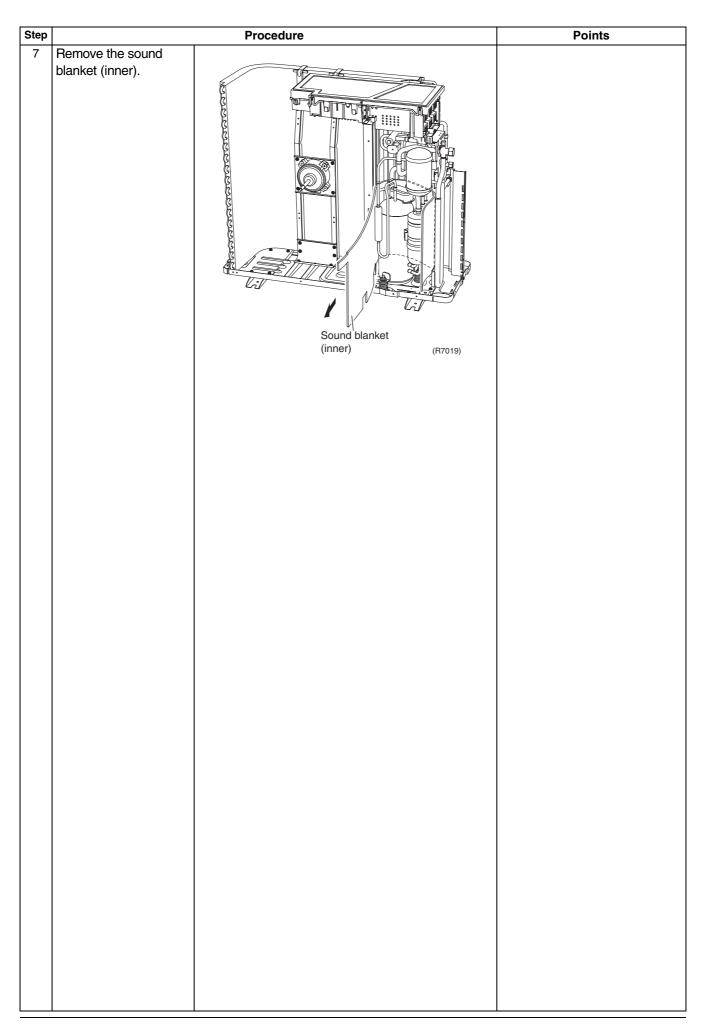


Step		Procedure	Points
4	Remove the discharge pipe thermistor.	Procedure Image: Imag	Points

6. Removal of Sound Blankets



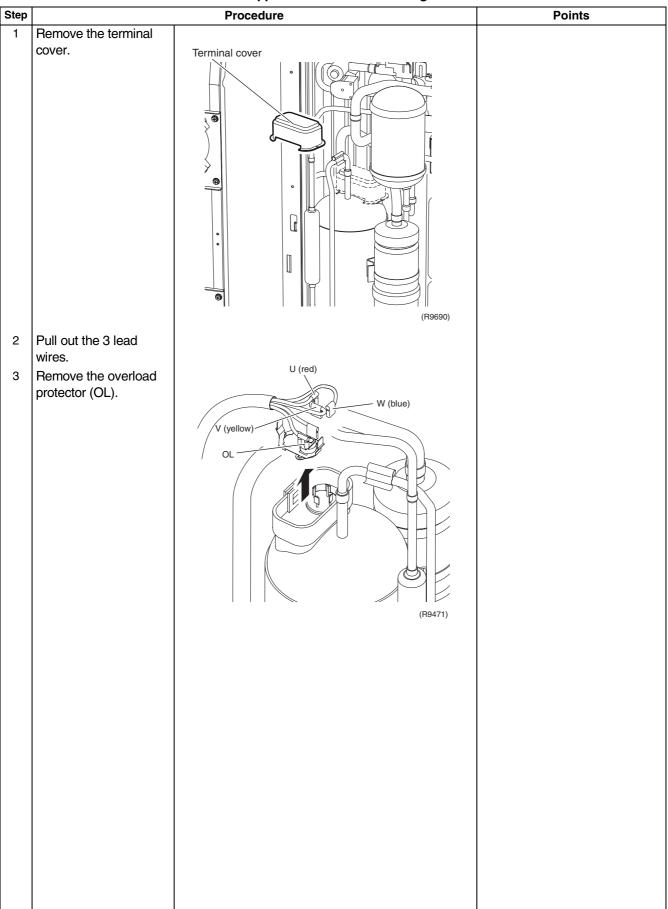


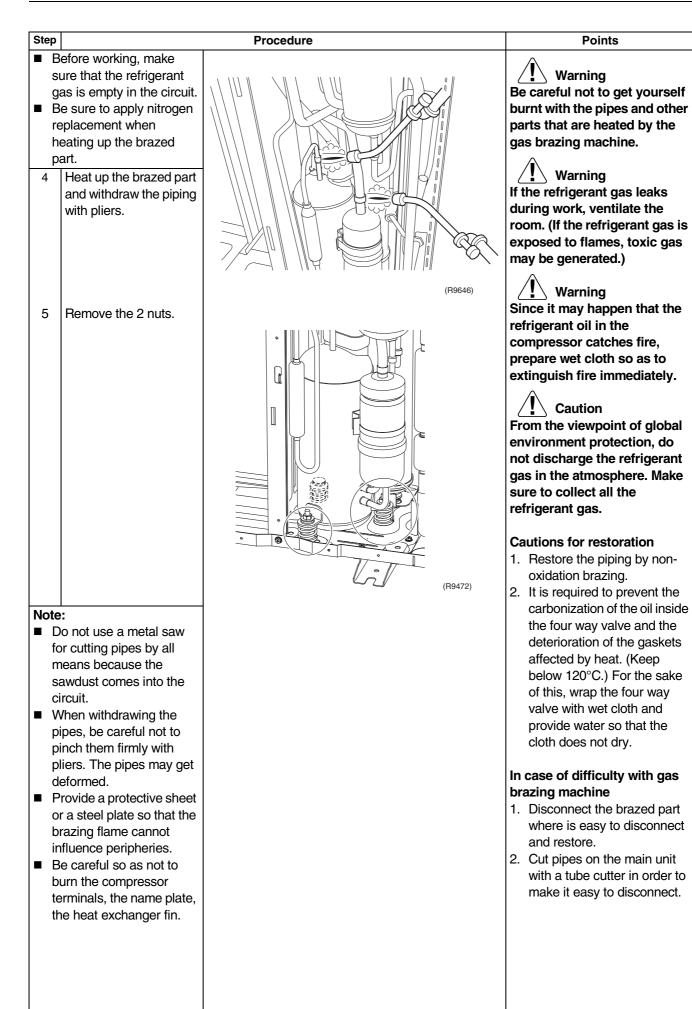


7. Removal of Compressor

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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	Si001166	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/ @All rights reserved