

Si121094



## 7.0/8.0/8.5/9.0/10.0 kW Class 24000/32000 Btu/h Class



Outdoor Unit



Multi Type



# Service Manual Removal Procedure

# **Outdoor Unit**

Cooling Only
2MKS70JVLT
2MKS80JVLT
3MKS90EVLT
4MKS90EVMA
4MKS100EVLT
5MKS90E2V3B

 Heat Pump 2MXS70JVLT
 3MXS90EVLT
 3MXS24JVJU
 4MXS80E2V3B
 4MXS80EVMA
 4MXS100EVLT
 4MXS100EVLT
 4MXS32GVJU
 4AMX80E2V3B
 5MXS90E2V3B
 PMXS4GV2C

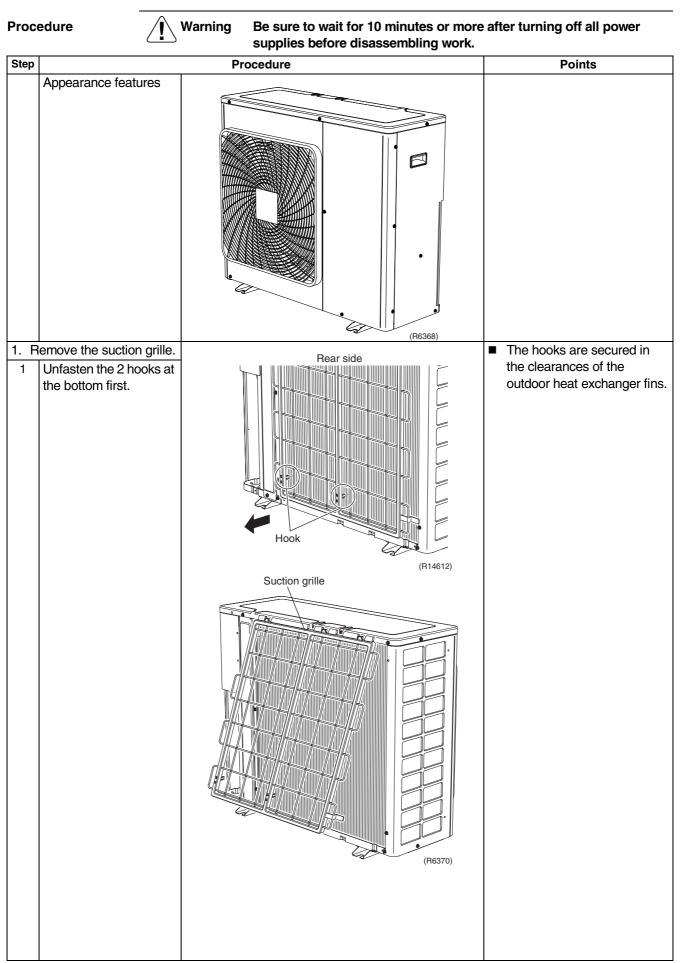
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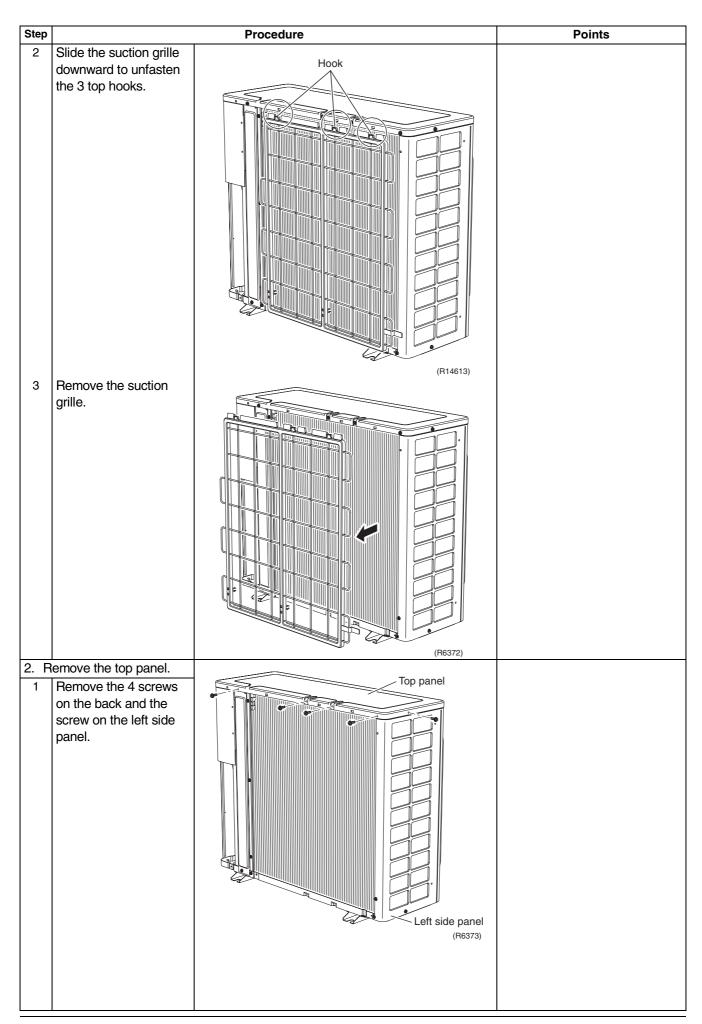
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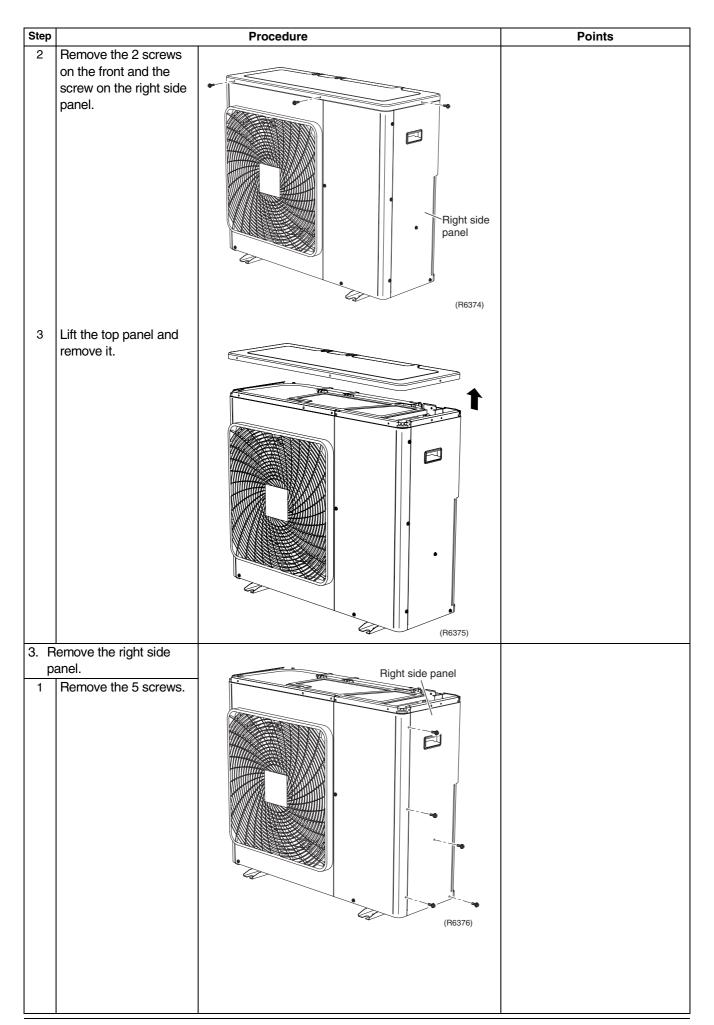


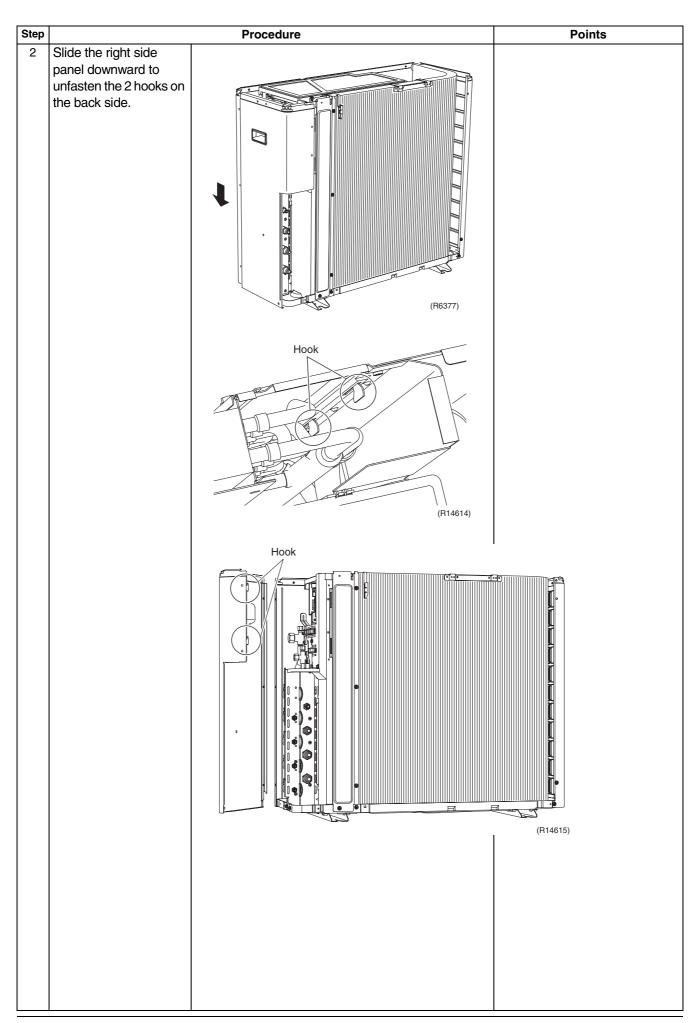
The illustrations may be slightly different depending on the model.The illustrations are for heat pump models as representative.

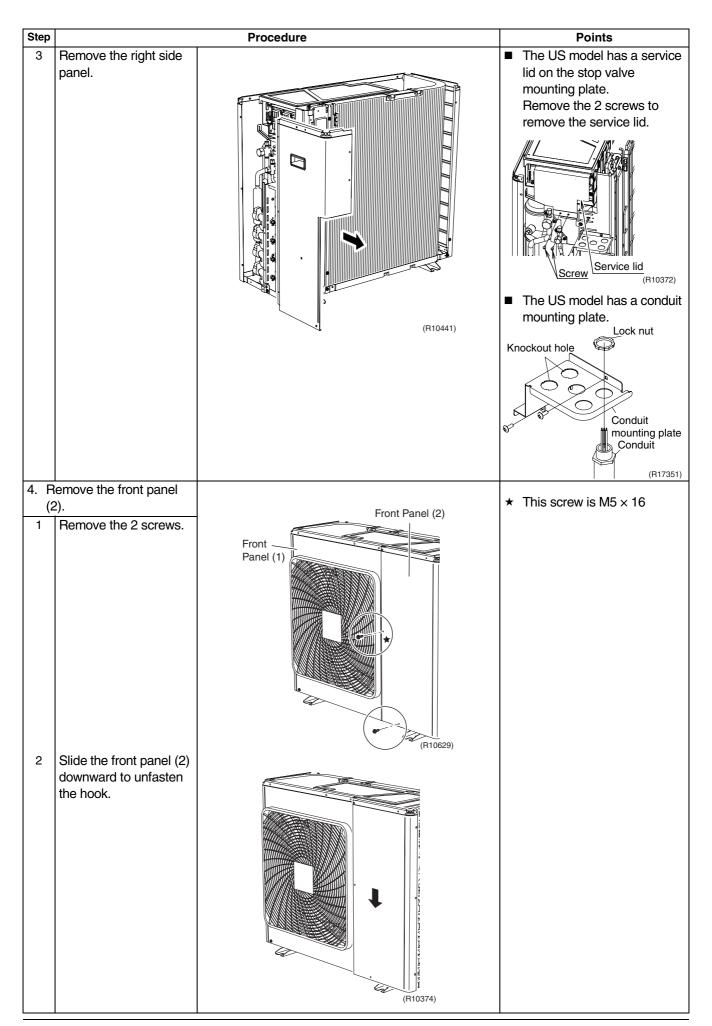
#### 1. Removal of Outer Panels







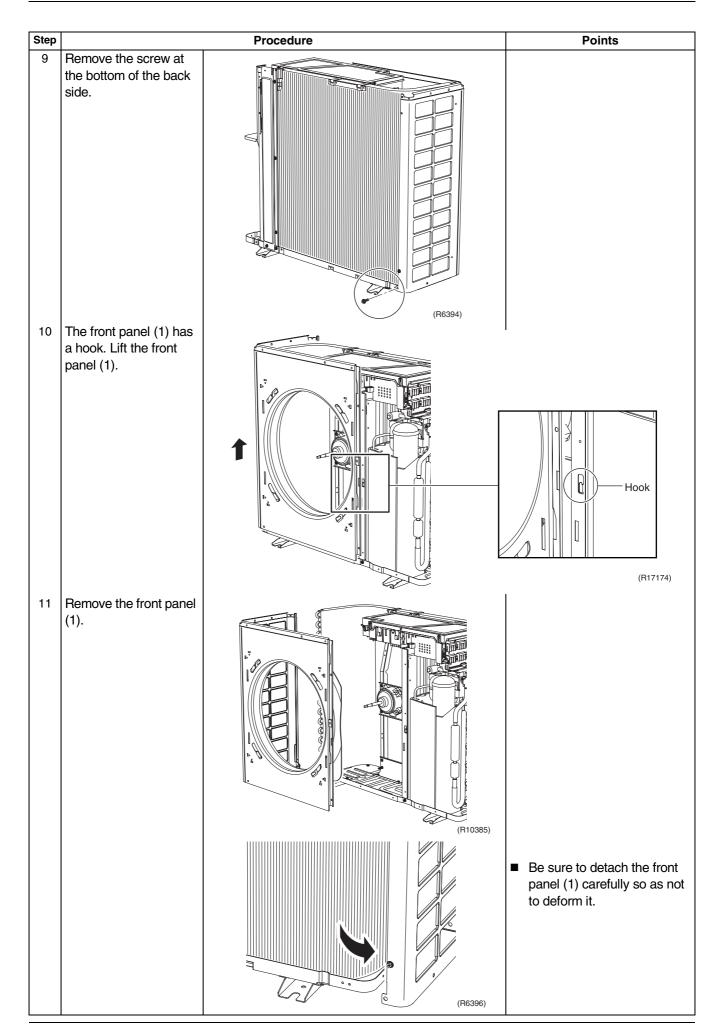


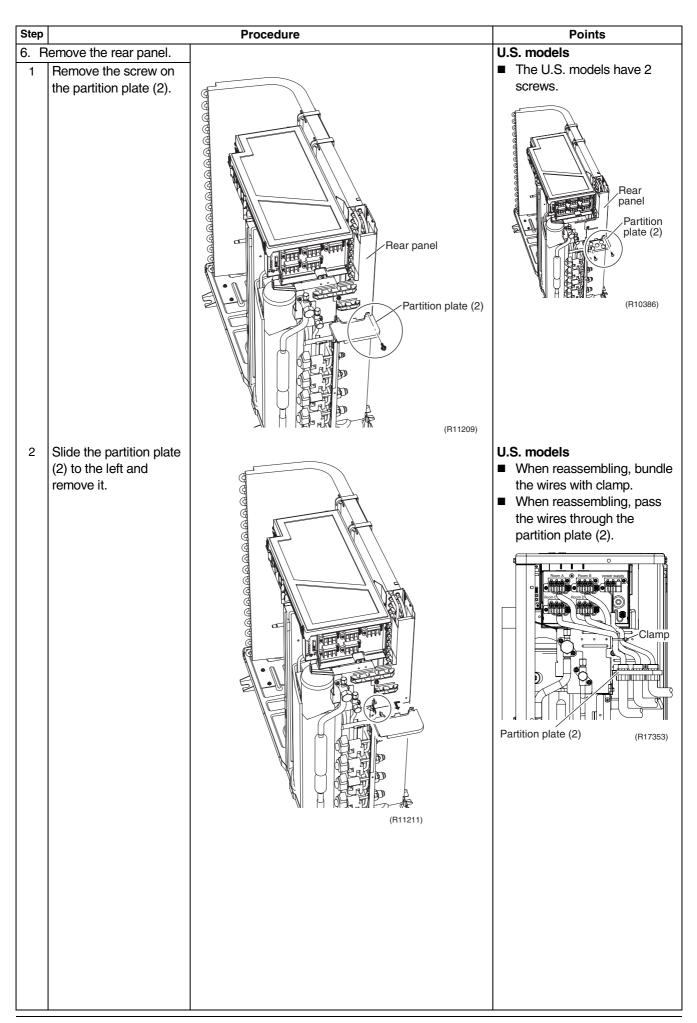


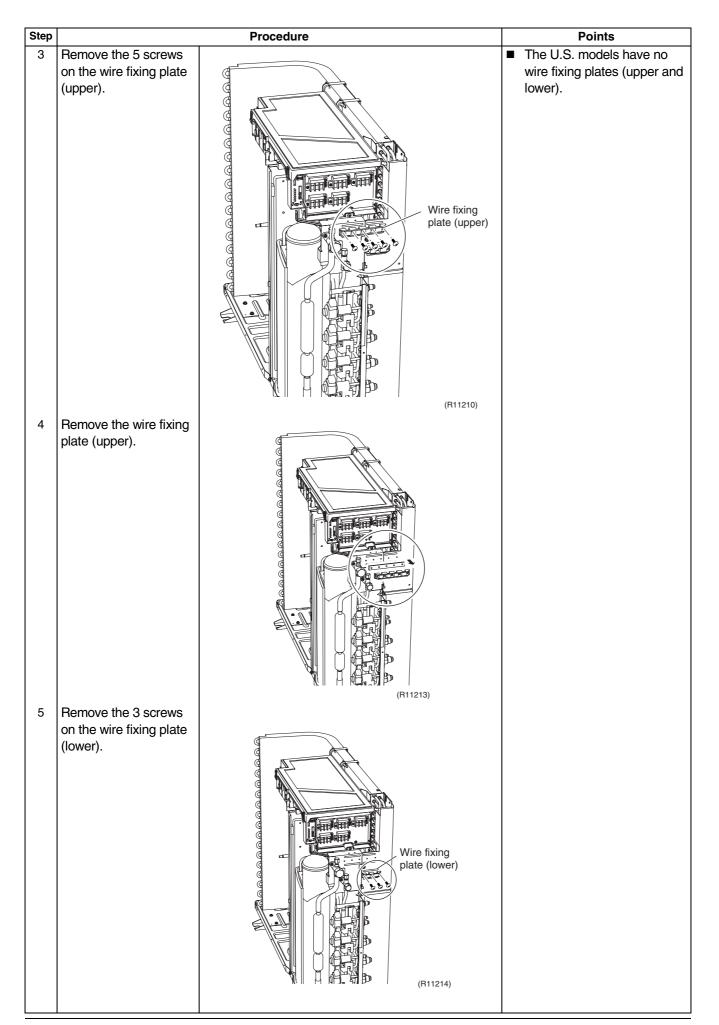
Step		Procedure	Points
		(R6383)	
3	Remove the front panel (2).		
	emove the front panel		Remove the discharge grille and outdoor fan first to
1	). Remove the 4 screws on the discharge grille.	Front Panel (1)	remove the front panel (1).
2	Pull the bottom of the discharge grille.	(H10376)	

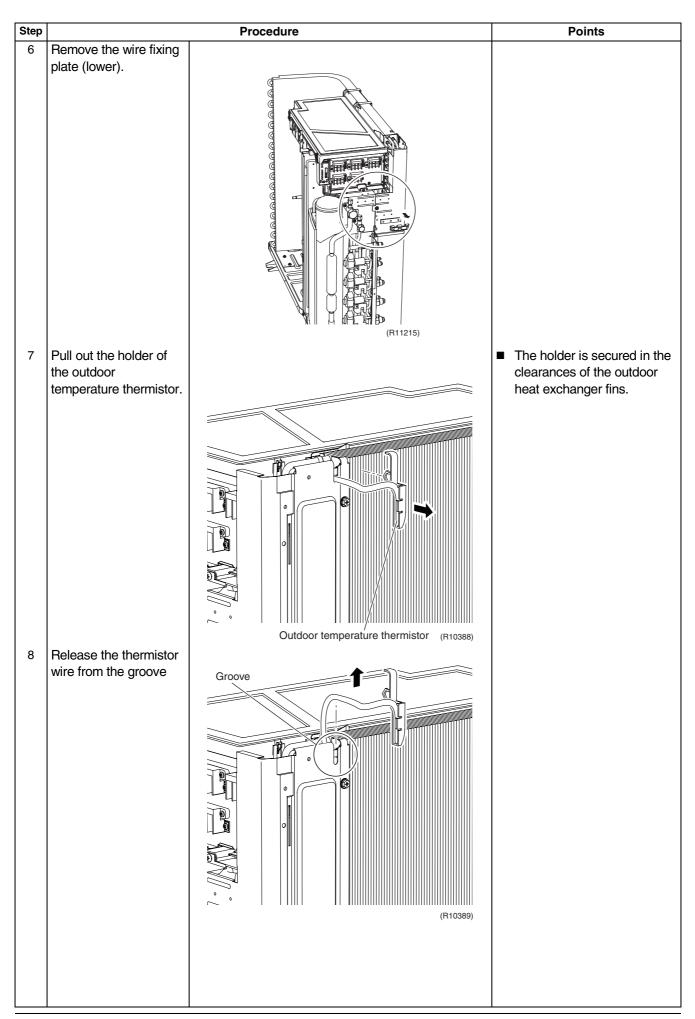
Step		Procedure	Points
3	Slide the discharge grille downward to unfasten the 2 hooks at the top.	Hook	
4	Remove the discharge grille.		
5	Remove the nut and remove the outdoor fan.	(R10380)	■ Nut size : M8
		Outdoor fan ® ® (R10381)	<ul> <li>(R12301)</li> <li>When reassembling, align the ▼ mark of the outdoor fan with the D-cut section of the motor shaft.</li> </ul>

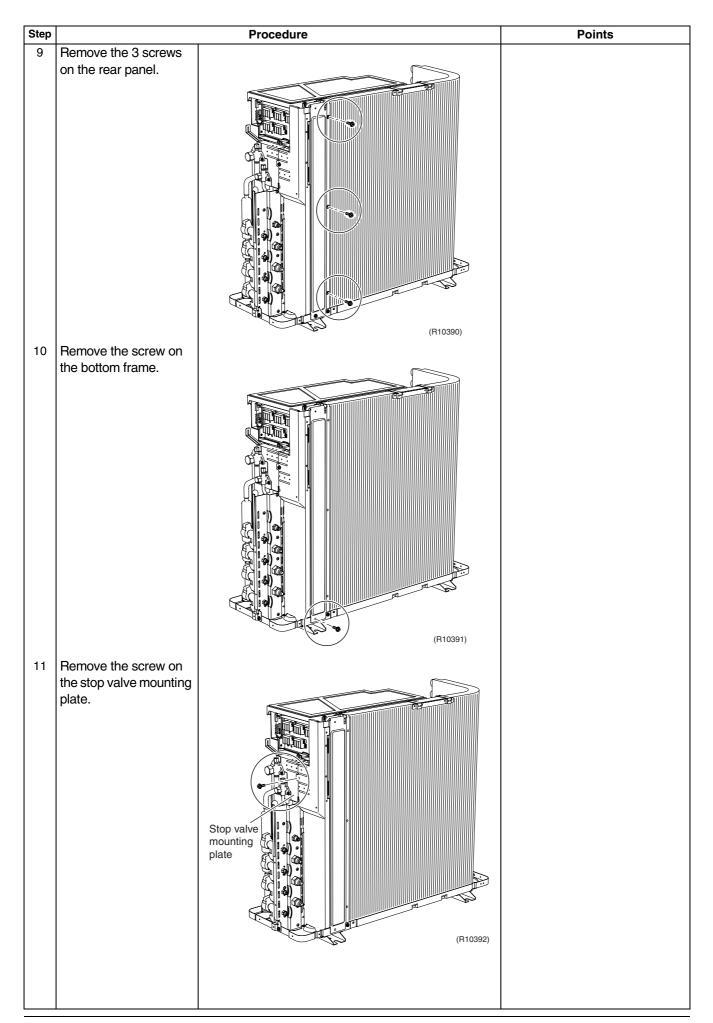
Step		Procedure	Points
	Remove the 2 screws		
	on the partition plate	Partition plate (1)	
	(1).		
	Remove the screw at the bottom left of the front panel (1).	Fitosas)	
	Remove the screw at the bottom of the left side.	<image/>	

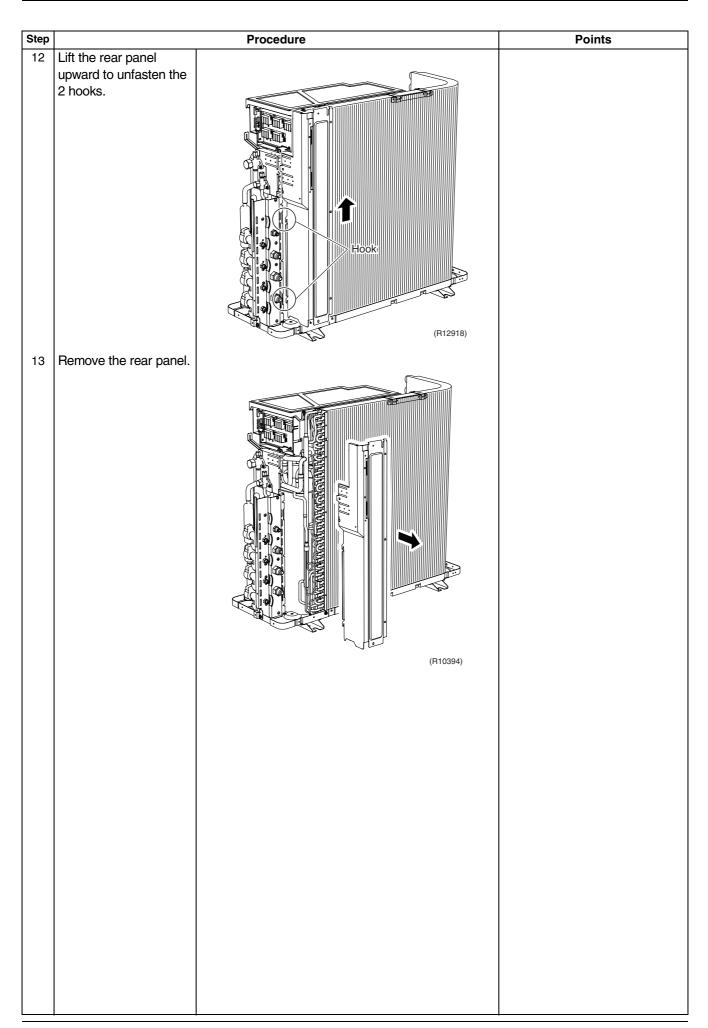




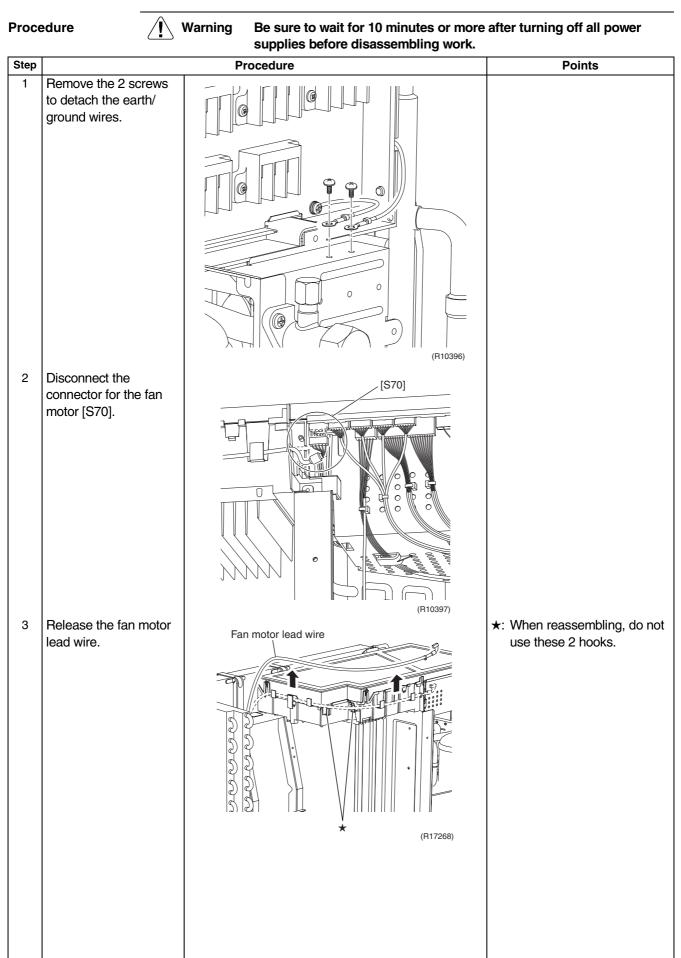


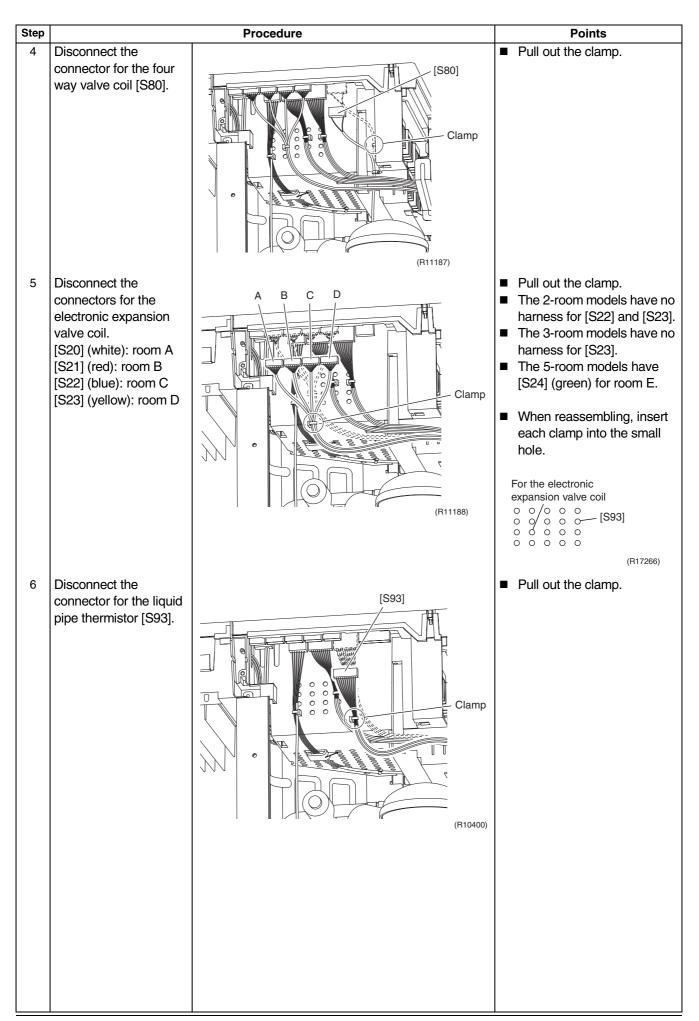


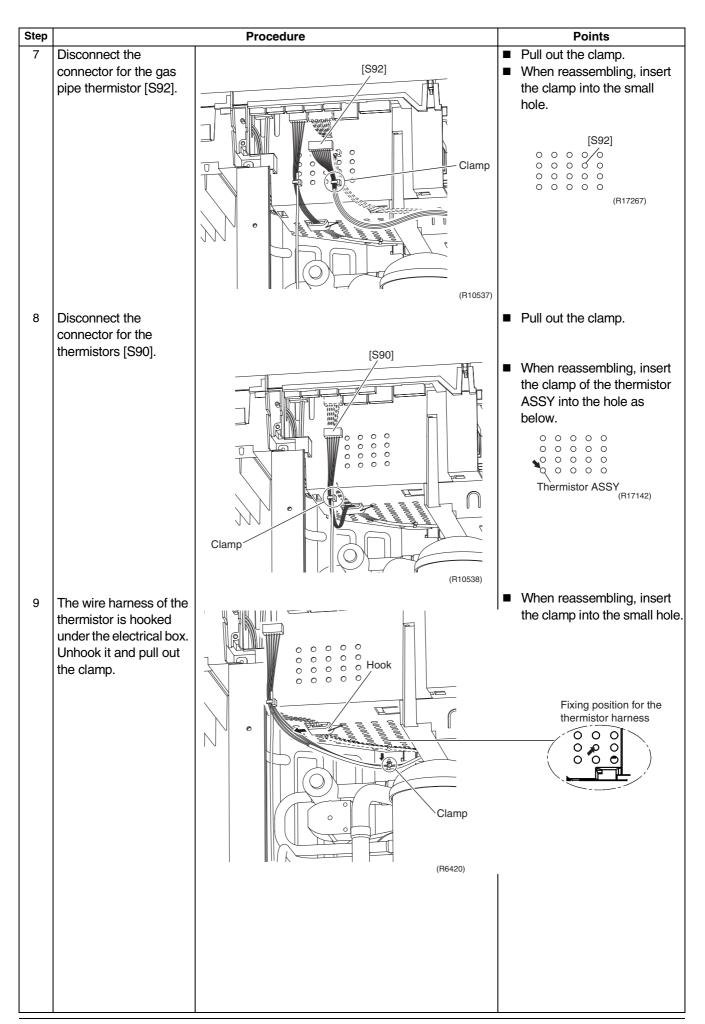


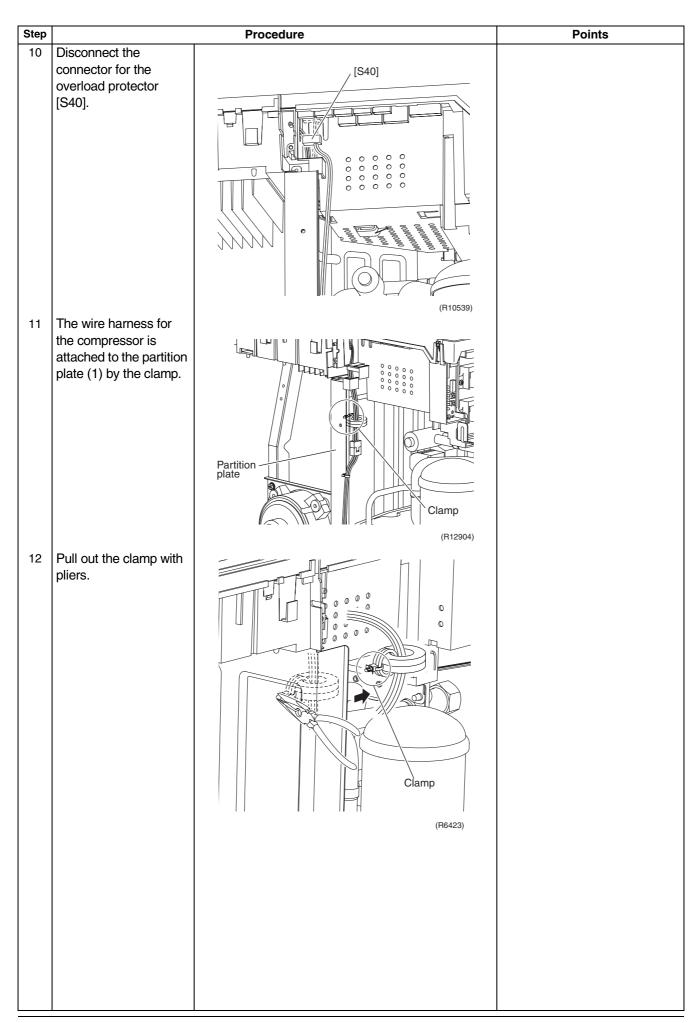


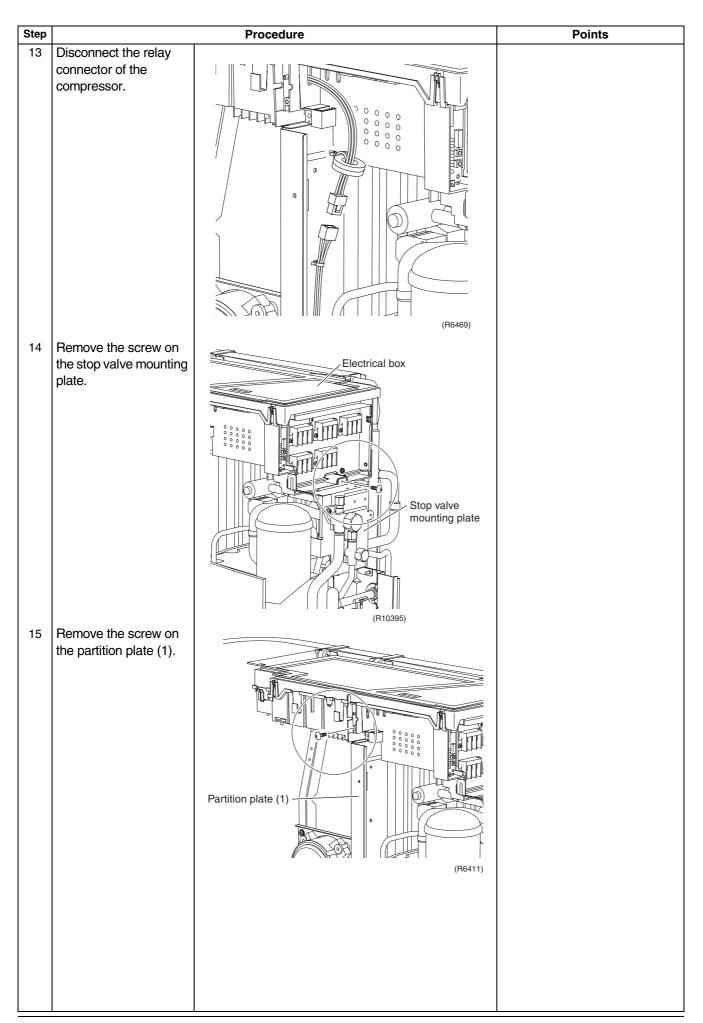
#### 2. Removal of Electrical Box

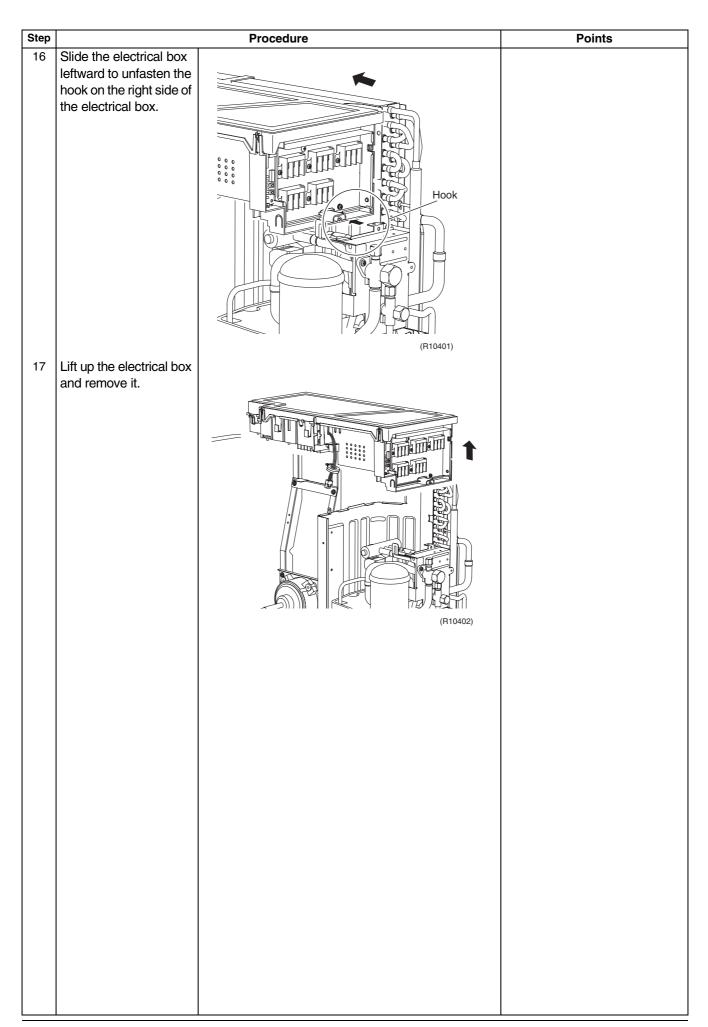








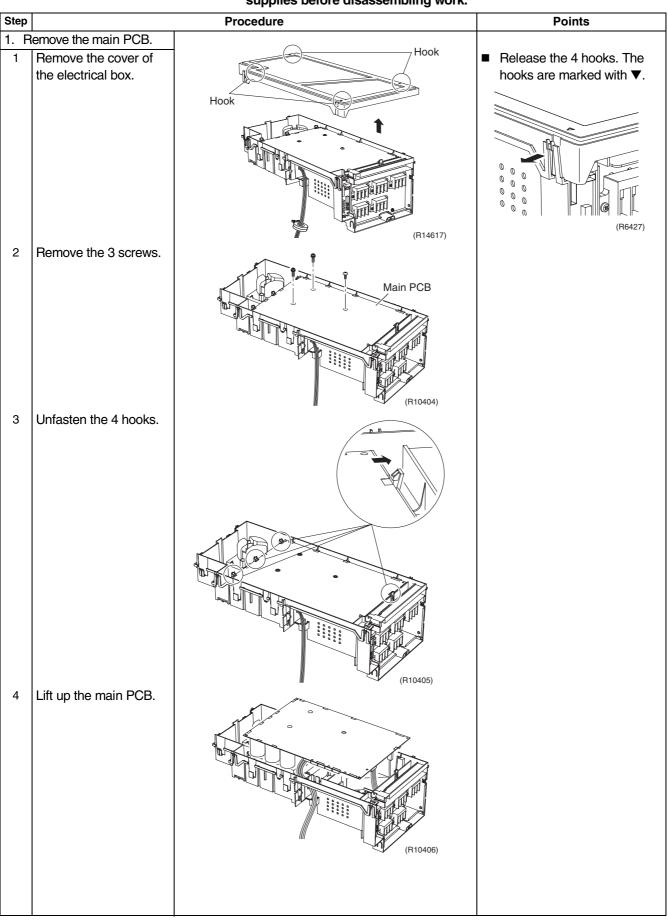




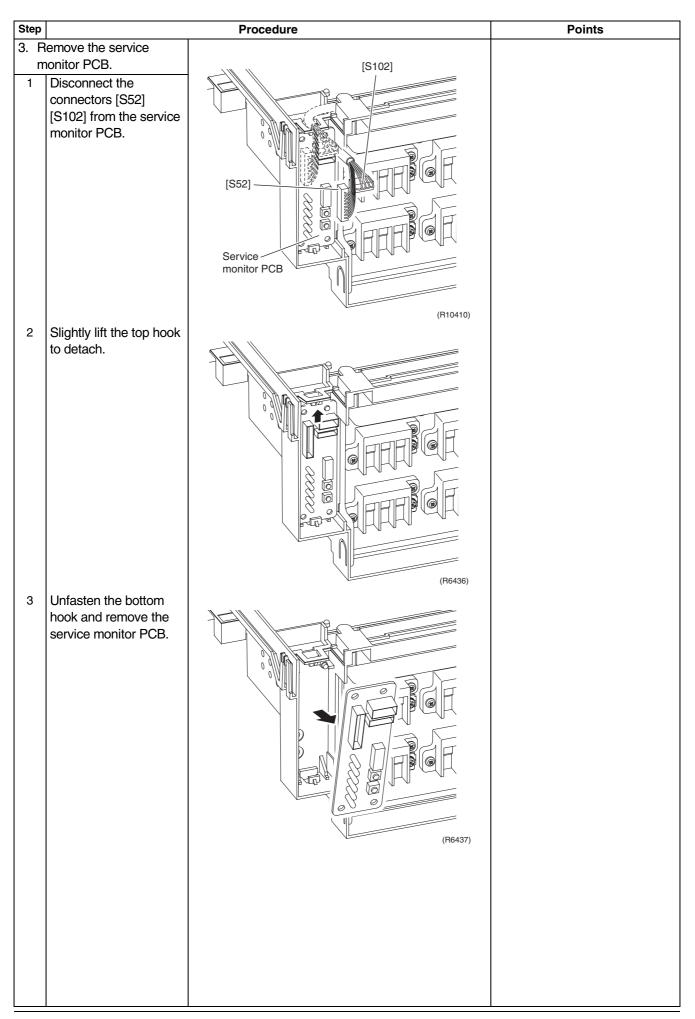
### 3. Removal of PCBs

#### Procedure

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



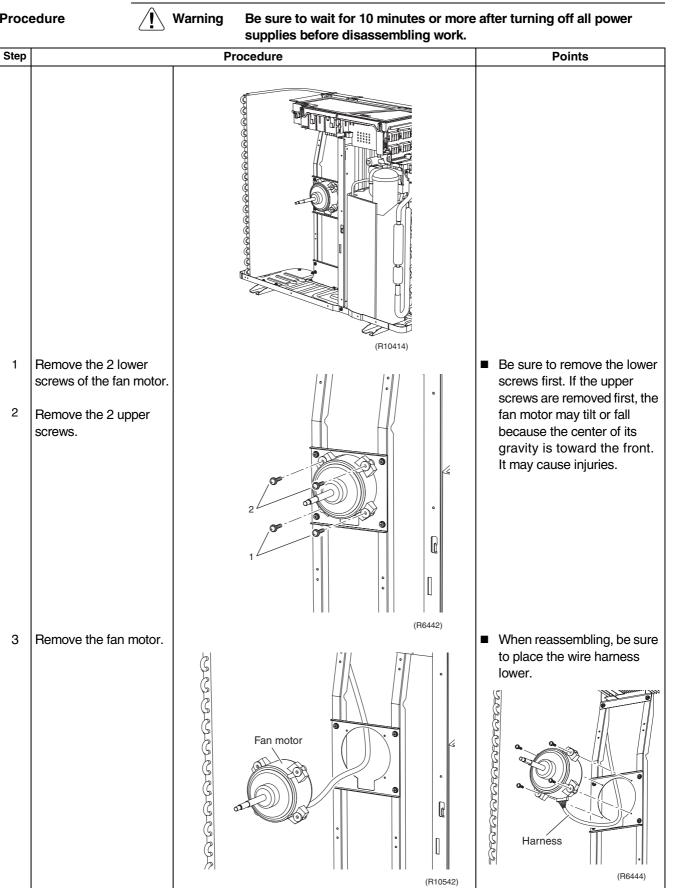
Step		Procedure	Points
5	Disconnect the	U(red) V(yellow) W(blue) [S51] [S101]	[S51] [S101] : service monitor
6	connectors.	(HR2)(blue) (HR1)(white) (HR1)(white) (Brown) (R10407) (R10407) (R10408)	PCB [S10] : terminal board (transmission) [HR1] [HR2] : reactor [AC1] [AC2] : terminal board (power supply) [U] [V] [W] : compressor
2. R	emove the reactor.	Reactor	
1	Remove the screw.	(R10409)	
2	Remove the 3 screws and lift the reactor upward to remove it.	(F6434)	



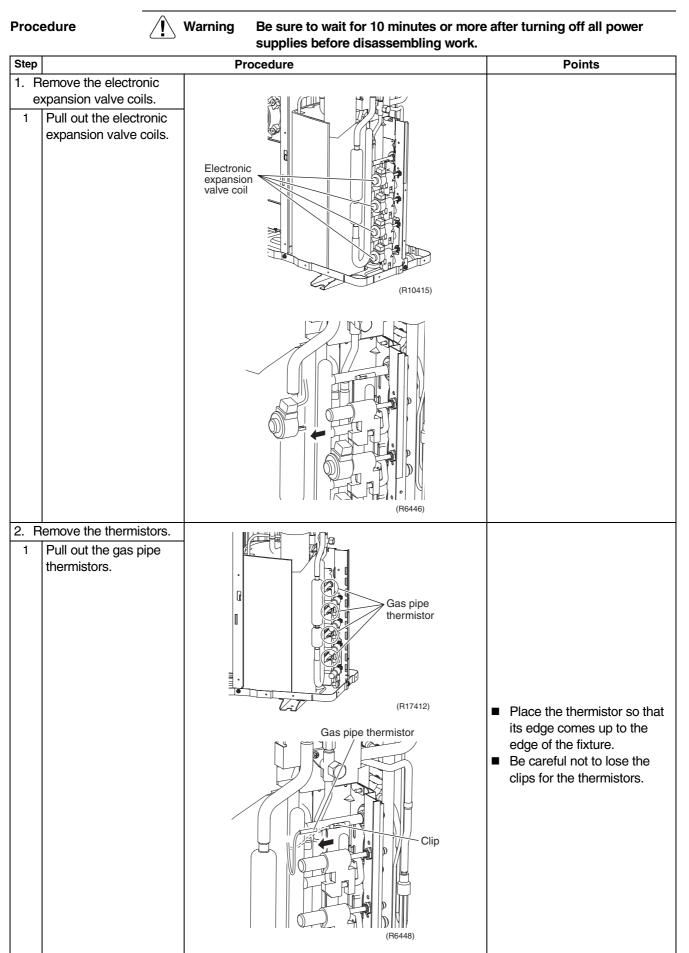
Step		Procedure	Points
	emove the terminal		
	oard.		
1	Remove the screw.	Terminal board	
2	Unfasten the hook.		
		(F10412)	
3	Remove the terminal		
	board.		

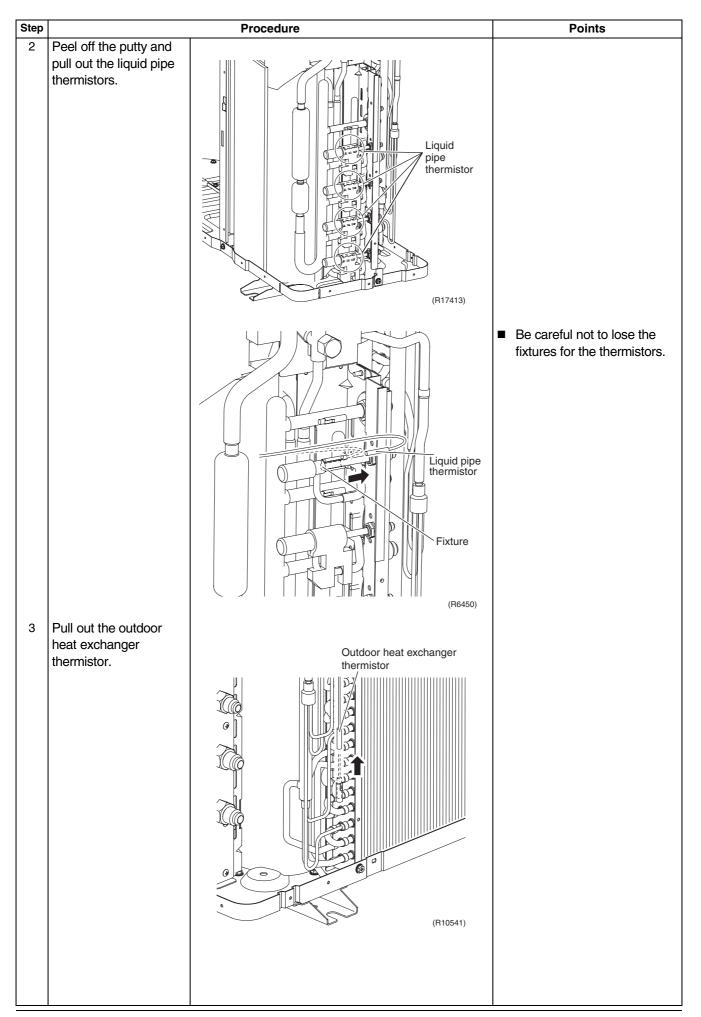
#### 4. Removal of Fan Motor

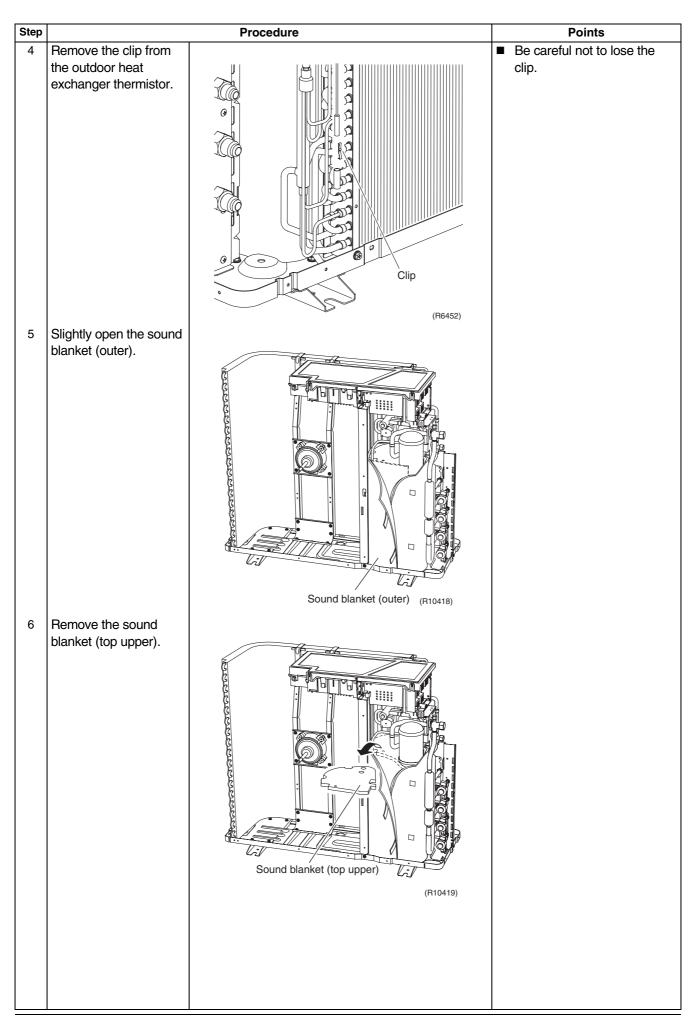
Procedure



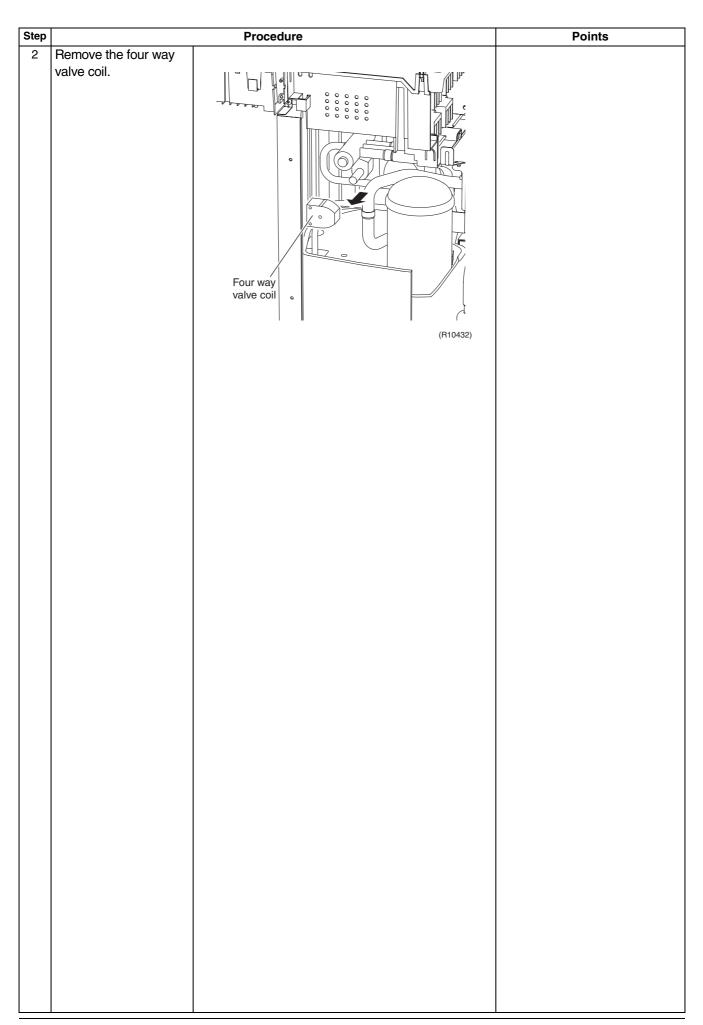
#### 5. Removal of Coils / Thermistors







Step		Procedure	Points
7	Remove the discharge		
8	pipe thermistor. Remove the fixture.	e Discharge pipe thermistor (R10420)	
		Fixture (B10430)	
3. R va 1	emove the four way alve coil. Remove the screw.	<image/> <image/>	

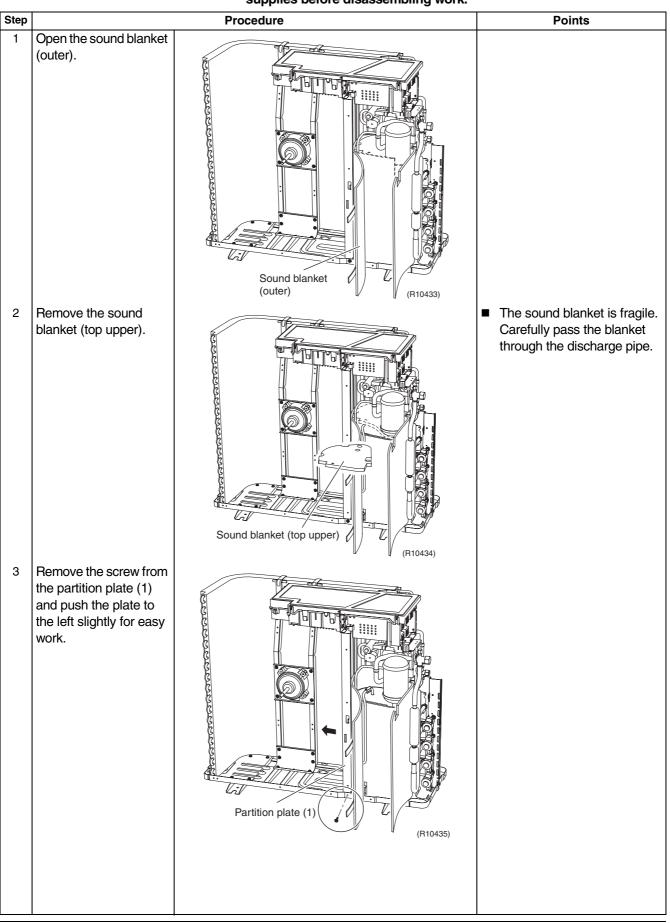


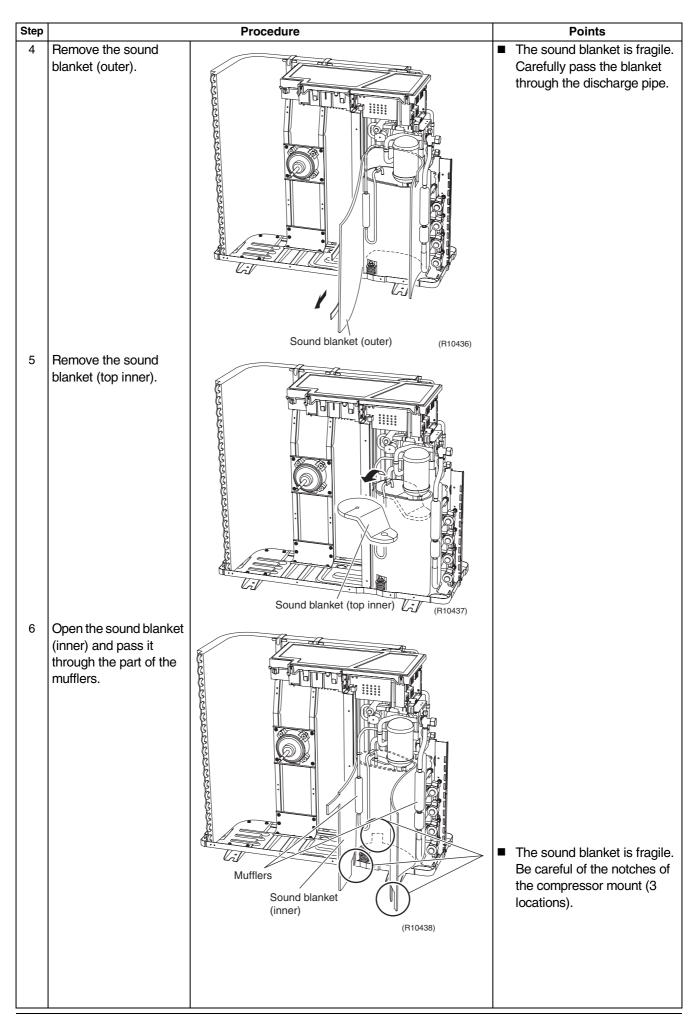
#### 6. Removal of Sound Blankets

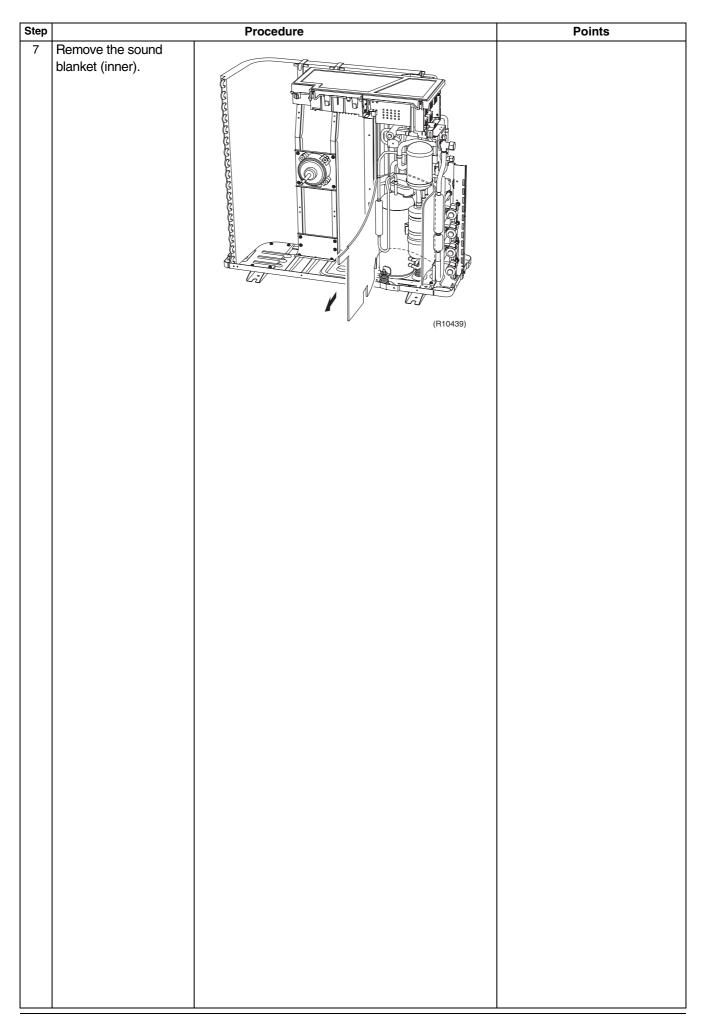
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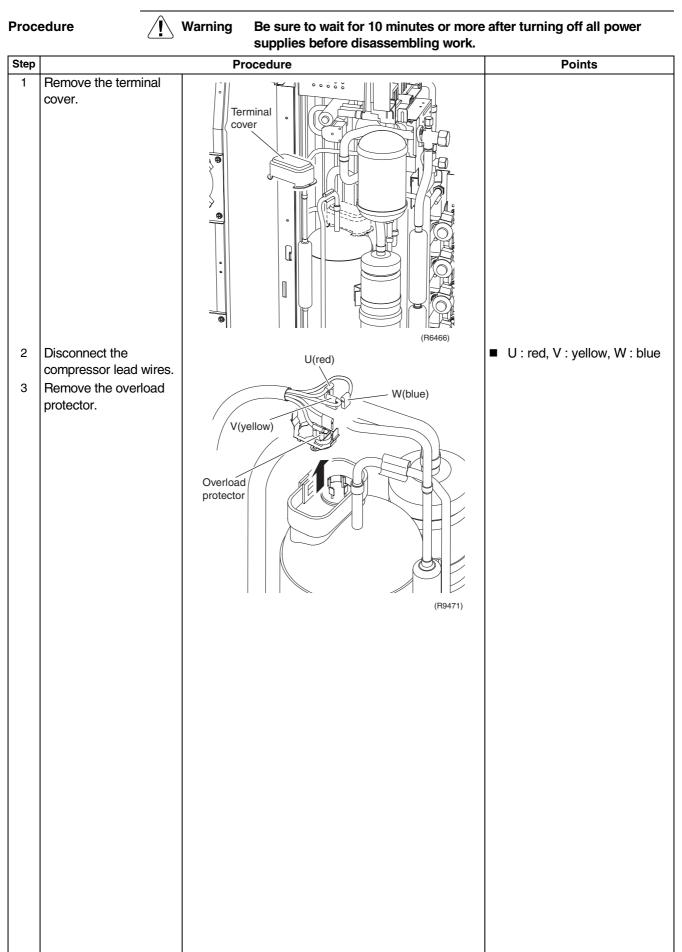
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

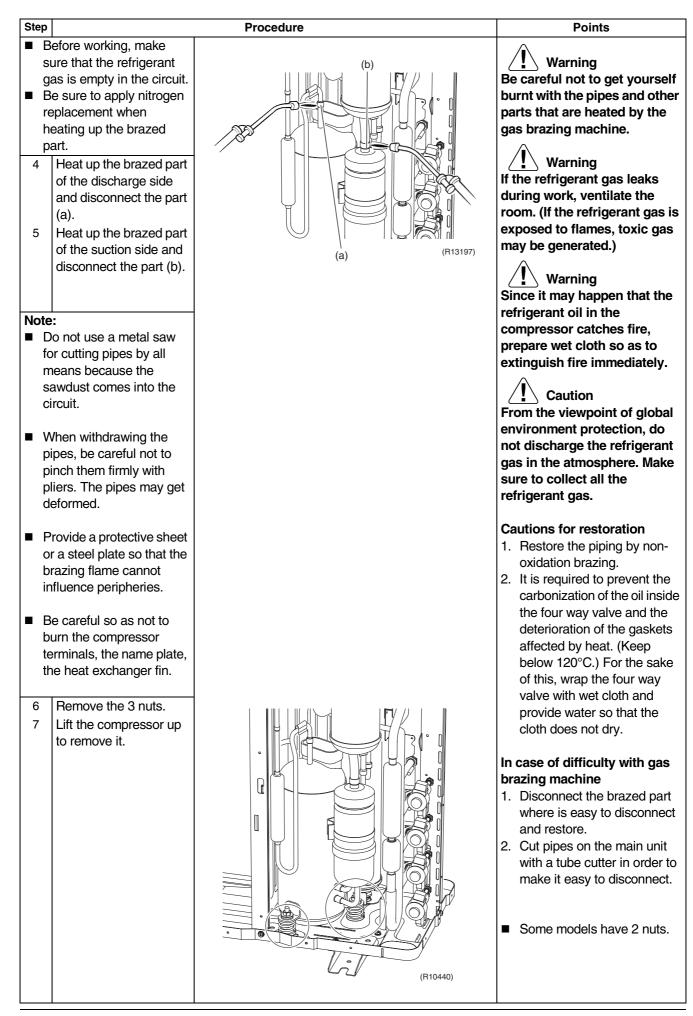






#### 7. Removal of Compressor





### **Revision History**

Month / Year	Version	Revised contents
01 / 2013	Si121094	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