

Si281308



3 HP Class



Inverter





Service Manual Removal Procedure

Outdoor Unit

Applicable Models

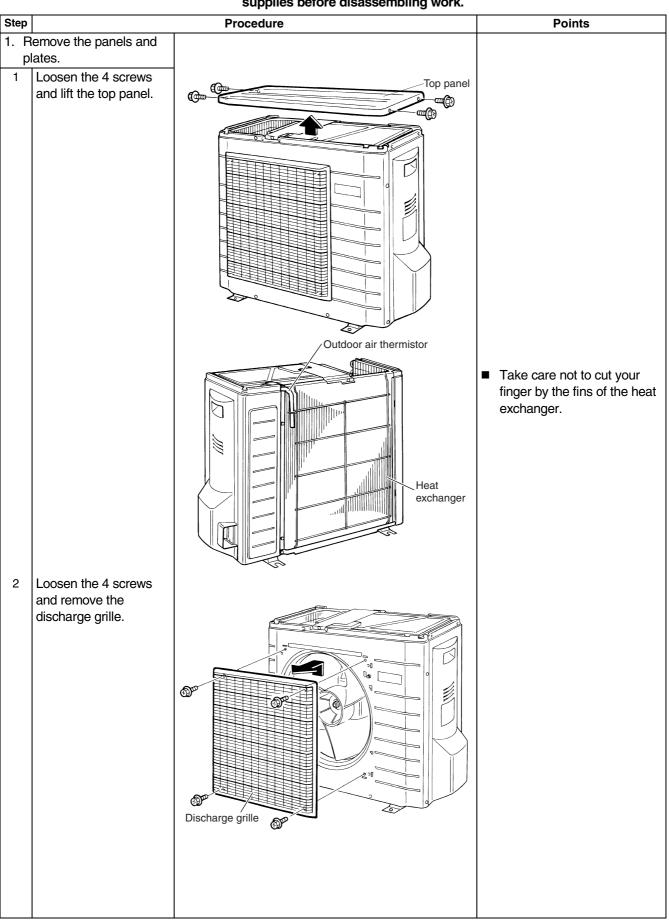
•Heat Pump RZQ72KMV2C

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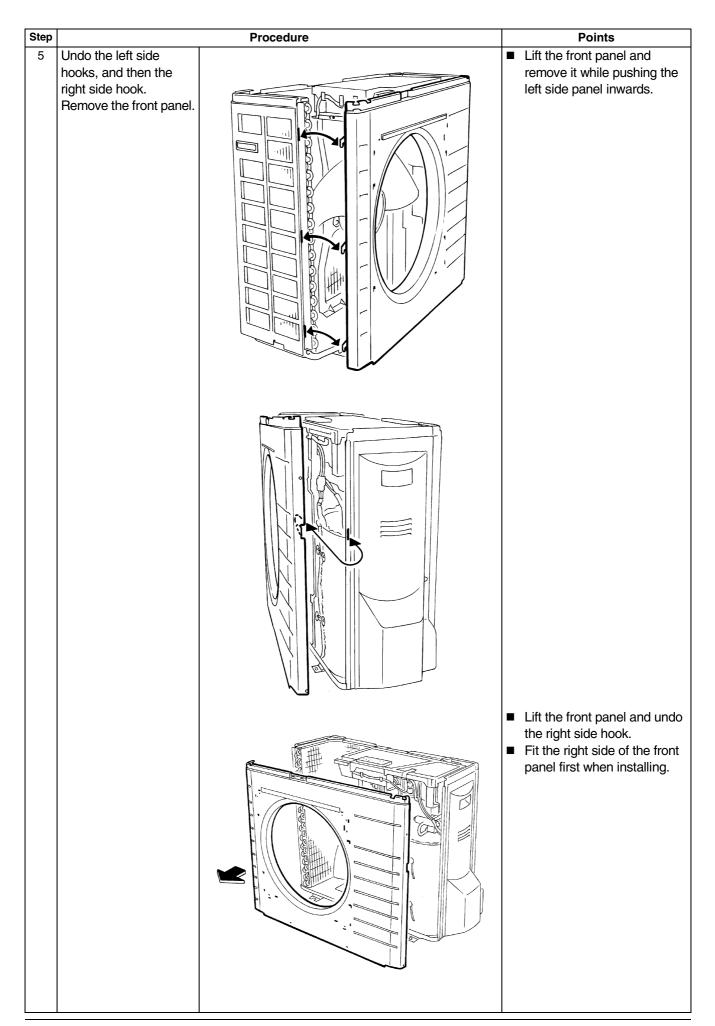
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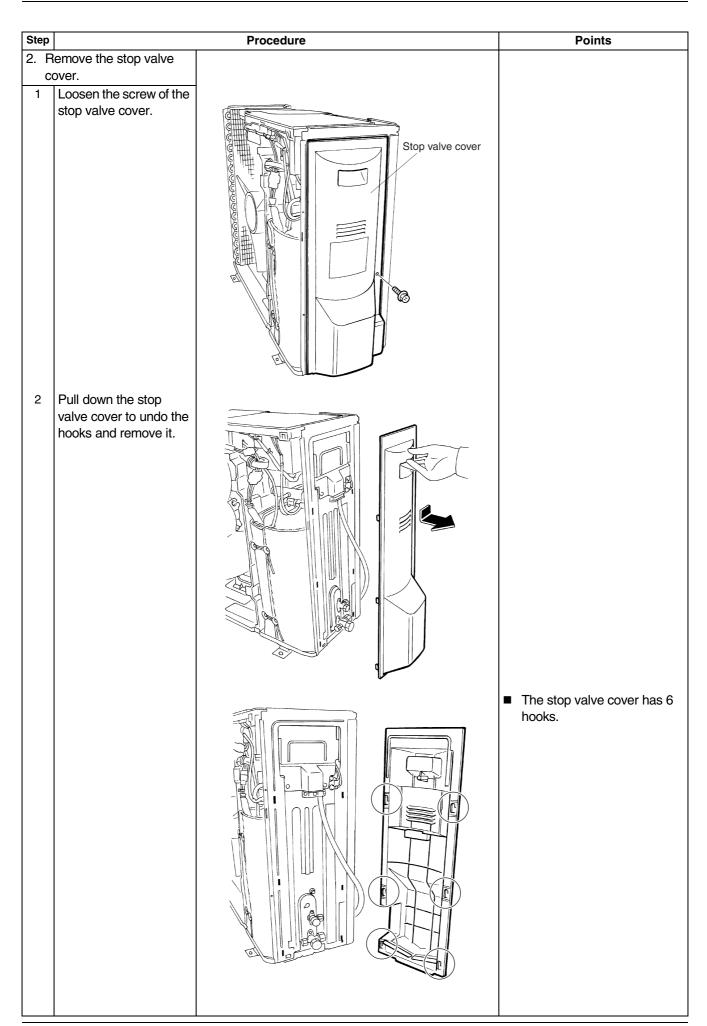
1. Procedure to Remove Panels and Plates

Procedure

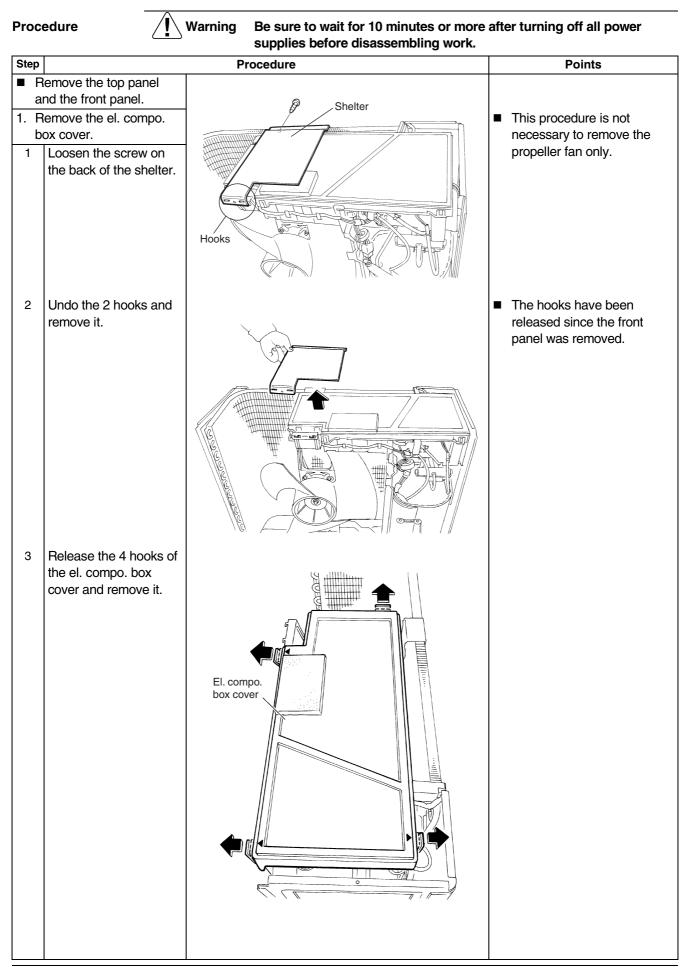


		The front grille has 4 hooks. Slide the discharge grille upwards and remove it.
he front panel.	Front panel	
Press the front panel and undo the hooks. Lift the clamp plate and remove it.	<image/>	
	Press the front panel nd undo the hooks. ift the clamp plate and	express the front panel ress the front panel Press the front panel

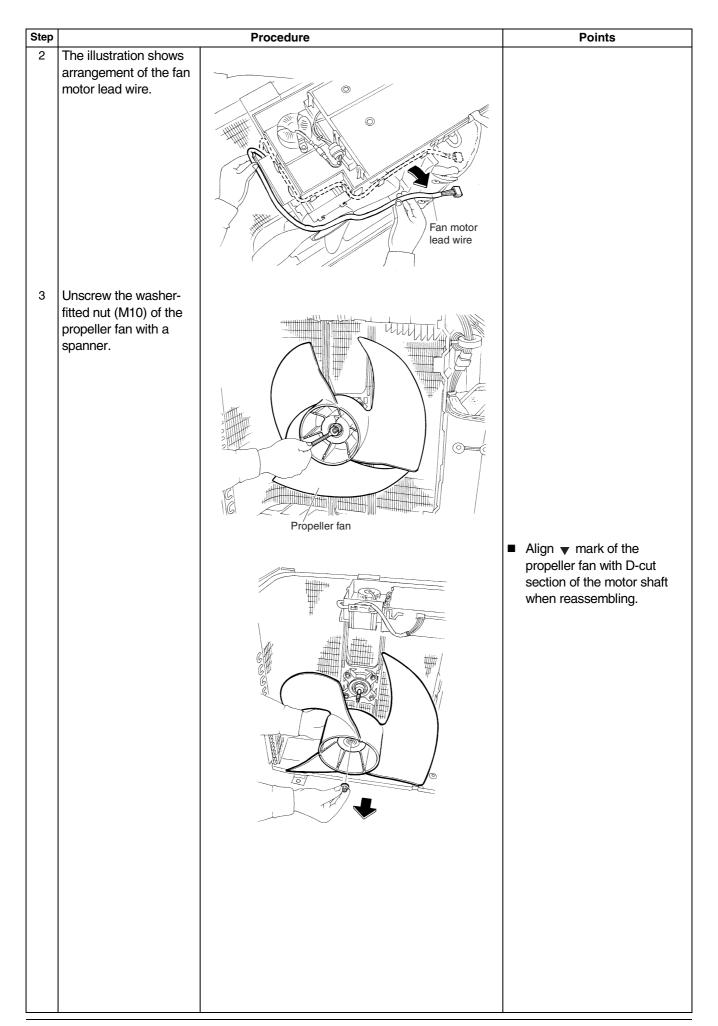




2. Procedure to Remove Fan Motor / Propeller Fan



Step	Procedure	Points
2. Remove the fan motor.		
1 Disconnect the connector for fan mo (S70).		

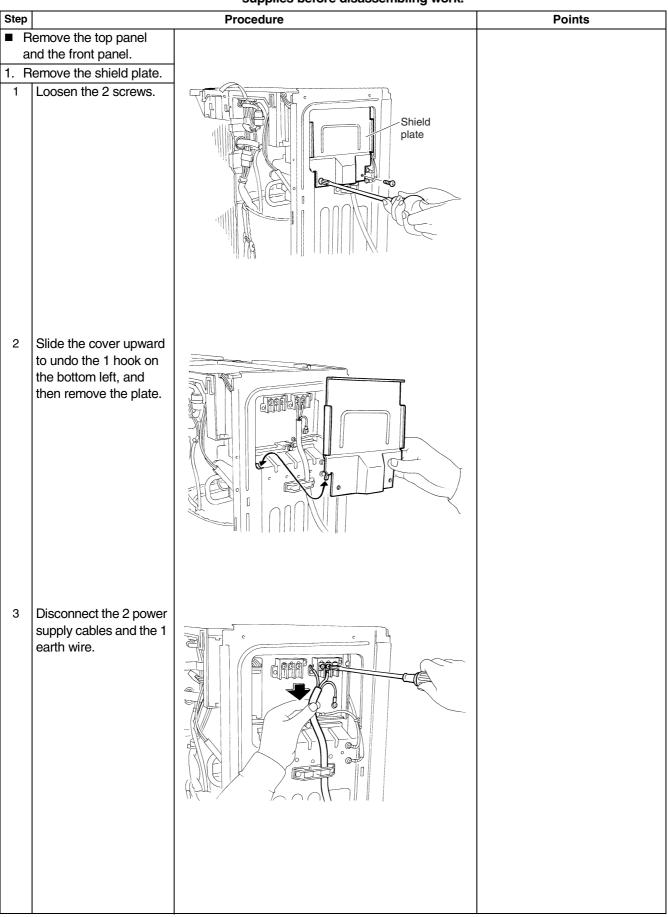


Step		Procedure	Points
4	Remove the 4 screws		
	from the fan motor.	Fan motor	
5	Pull the fan motor out.		Put the lead wire through the back of the motor when reassembling (so as not to be entangled with the propeller fan).

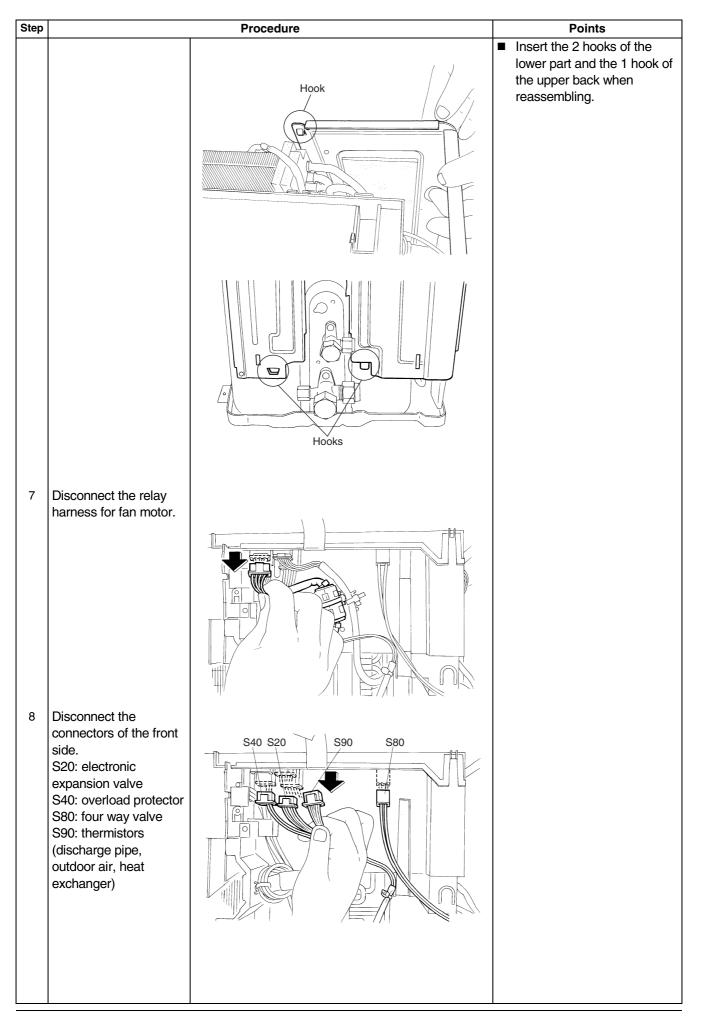
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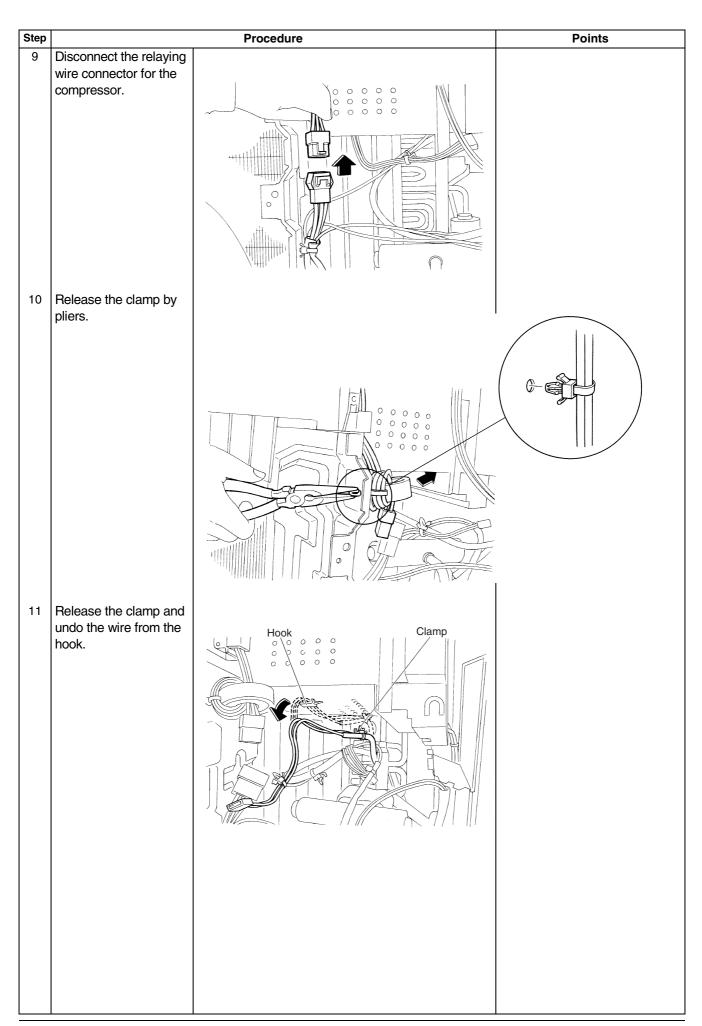
3. Procedure to Remove El. Compo. Box

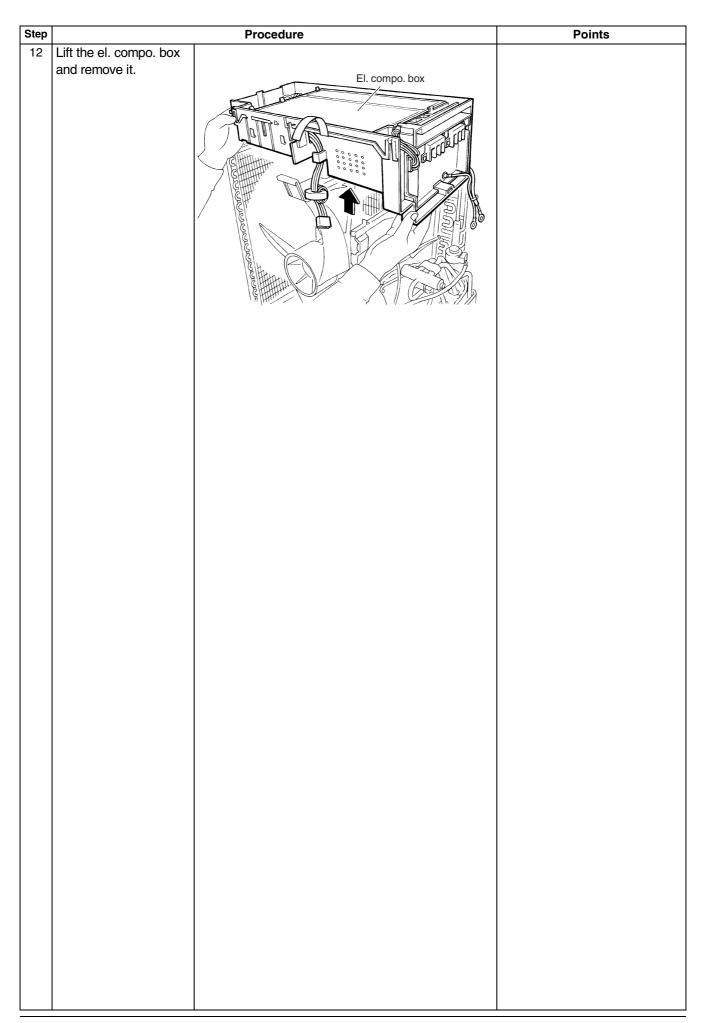
Procedure



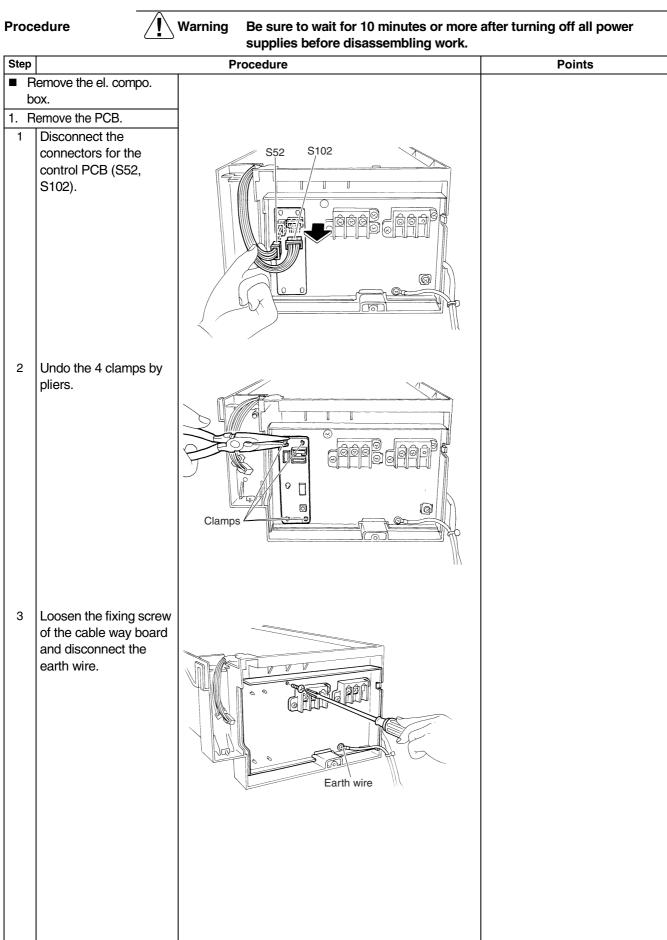
Step		Procedure	Points
4	Disconnect the 2 earth		
	wires.	Earth wires	
5	Loosen the 3 screws of the right side panel.		
		Right side panel	
6	Loosen the fixing screw of the el. compo. box.		







4. Procedure to Remove PCB

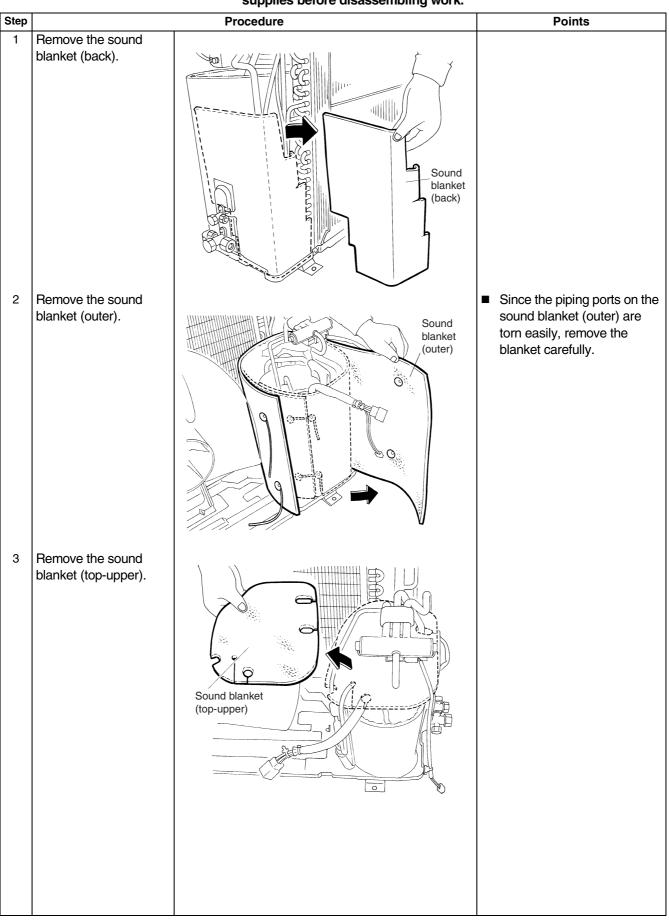


Step		Procedure	Points
4	Undo the hook on the		
	right.		
5	Open the cable way board.		
	board.		
6	Disconnect the harnesses.		1: Black 2: White
			2: Write 3: Red L1: Black L2: Brown N1: White N2: Blue
7	Disconnect the 2 harnesses for the reactor (HR1, HR2).	HR1 HR2	

Step		Procedure	Points
8	Loosen the 3 fixing		
8	screws for the main PCB.		
9	Undo the 4 hooks.	Y	
		Hooks	
10	Lift up and remove the PCB.		

5. Procedure to Remove Sound Blanket

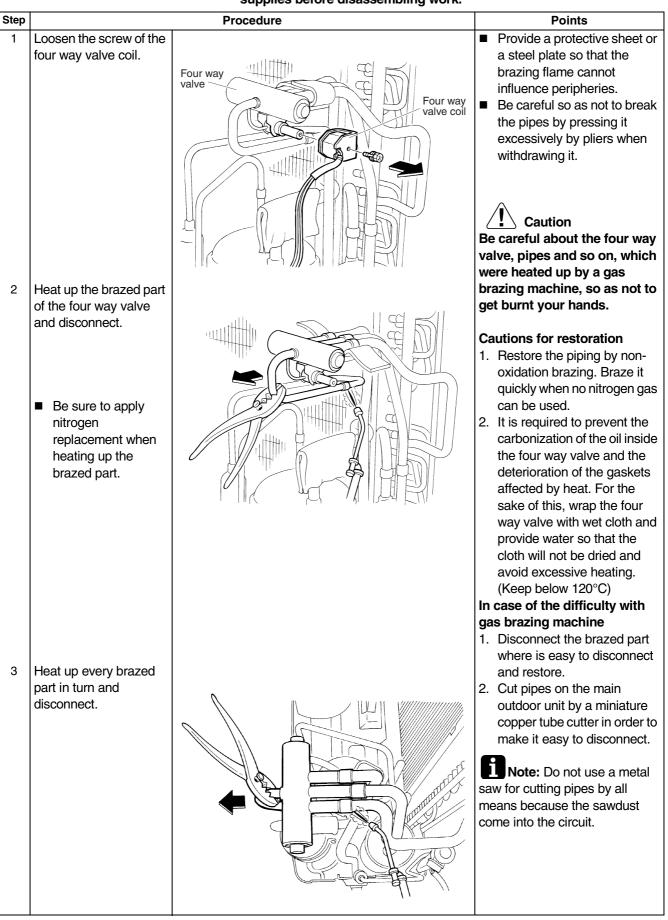
Procedure



Step		Procedure	Points
4	Remove the sound		
	blanket (top-lower).	Sound blanket (top-lower)	
5	Remove the sound blanket (inner).	Sound blanket (inner)	Since the piping ports on the sound blanket (inner) are torn easily, remove the blanket carefully.
6	Release the discharge pipe thermistor.	Clip Discharge pipe thermistor	Pay attention to the direction of the clip so as not to touch the lead wire of the thermistor when reassembling.
7	Cut the clamp by nippers. Disconnect the outdoor unit heat exchanger thermistor.	Clamp	 Clamps should be always available. Fix it as it was before.

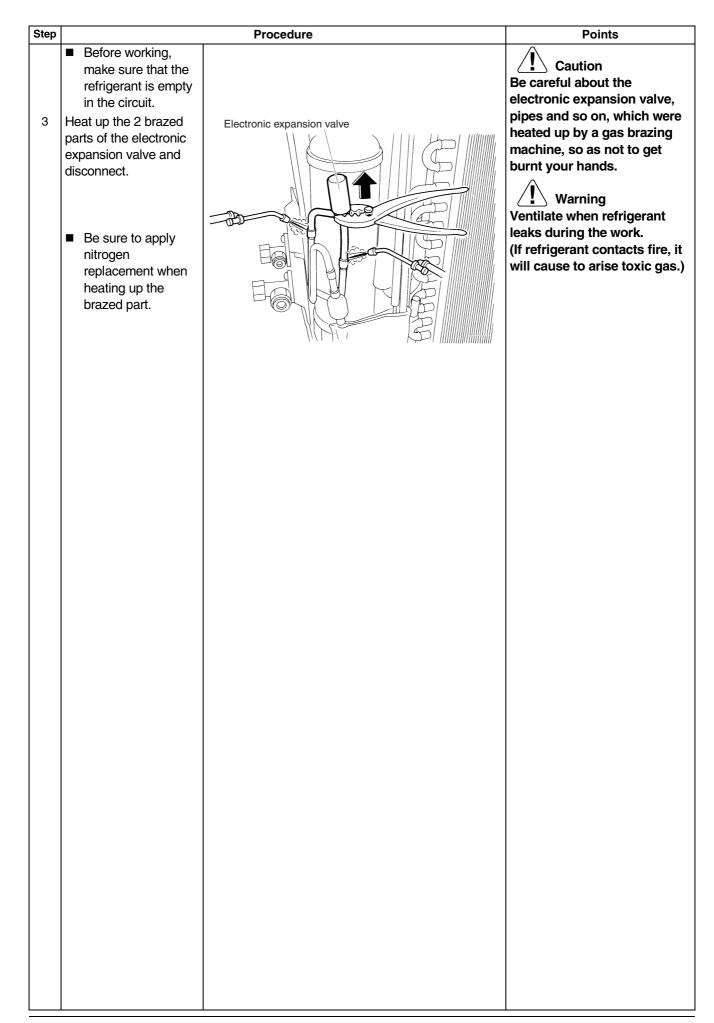
6. Procedure to Remove Four Way Valve

Procedure



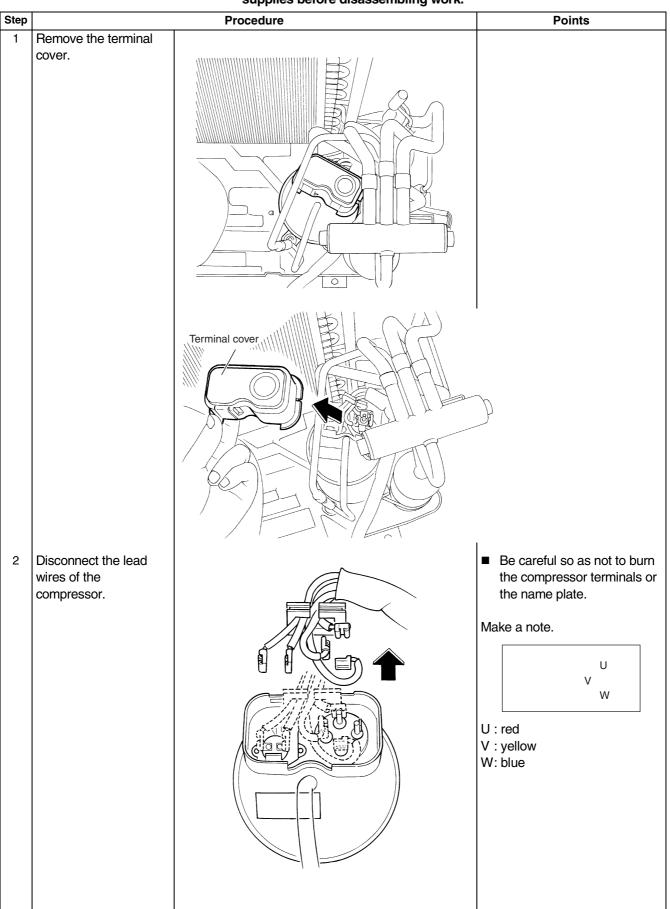
7. Procedure to Remove Electronic Expansion Valve

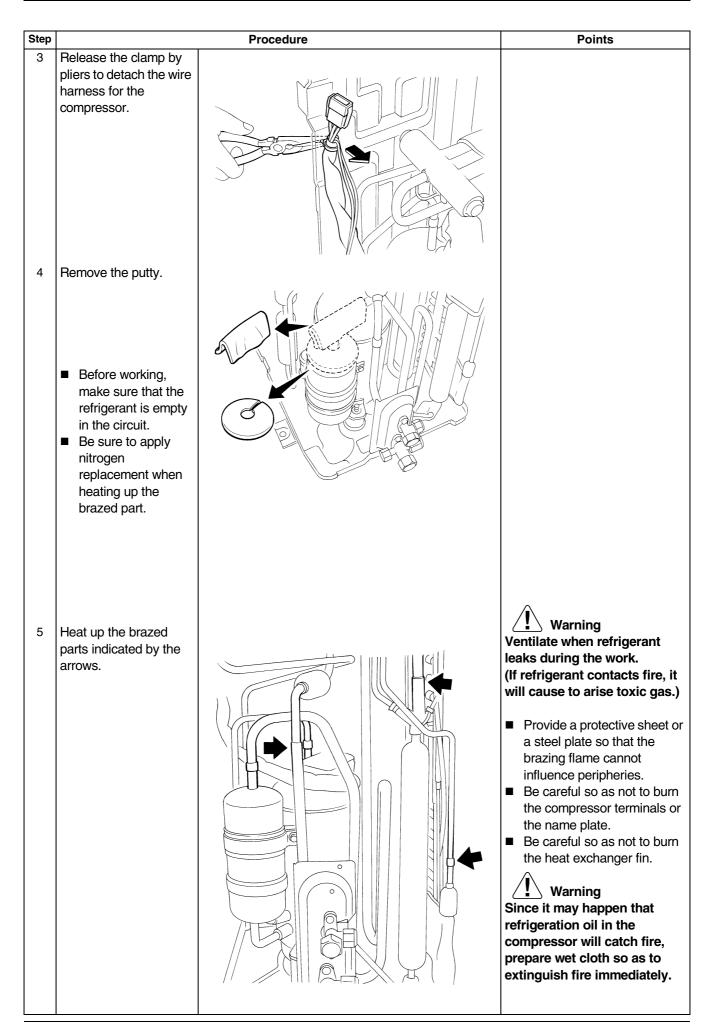
Be sure to wait for 10 minutes or more after turning off all power Procedure Warning supplies before disassembling work. Step Procedure Points Remove the electronic 1 expansion valve coil. Electronic expansion valve coil '||im•• 2 Remove the sheets of putty.



8. Procedure to Remove Compressor







Step		Procedure	Points
6	Unscrew the nut of the		
	compressor.		
7	 Before working, make sure that the refrigerant is empty in the circuit. Be sure to apply nitrogen replacement when heating up the brazed part. Heat up the brazed part of the discharge side and disconnect. 		 Warning Wentilate when refrigerant leaks during the work. (If refrigerant contacts fire, it will cause to arise toxic gas.) 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 or the name plate.
8	Heat up the brazed part of the suction side and disconnect. Lift the compressor up and remove it.		 Be careful so as not to burn the heat exchanger fin. Warning Since it may happen that refrigeration oil in the compressor will catch fire, prepare wet cloth so as to extinguish fire immediately.

Revision History

Month / Year	Version	Revised contents
01 / 2013	Si281308	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.



JMI-0107

Dealer

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JQA-1452

Organization: DAIKIN INDUSTRIES (THAILAND) LTD.

Scope of Registration: THE DESIGN/DEVELOPMENT AND MANUFACTURE OF AIR CONDITIONERS AND THE COMPONENTS INCLUDING COMPRESSORS USED FOR THEM



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