



O L II V I O L III A II O A L

6.0 kW Class









Service Manual Removal Procedure

Outdoor Unit

●Heat Pump RYN60HV1A

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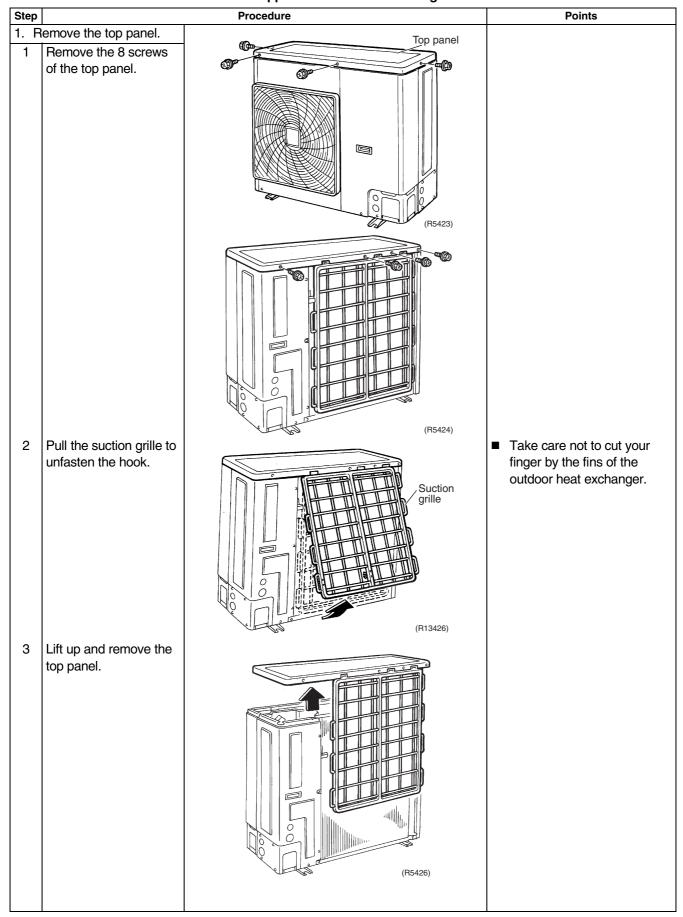
Removal of Outer Panels Si011088

1. Removal of Outer Panels

Procedure

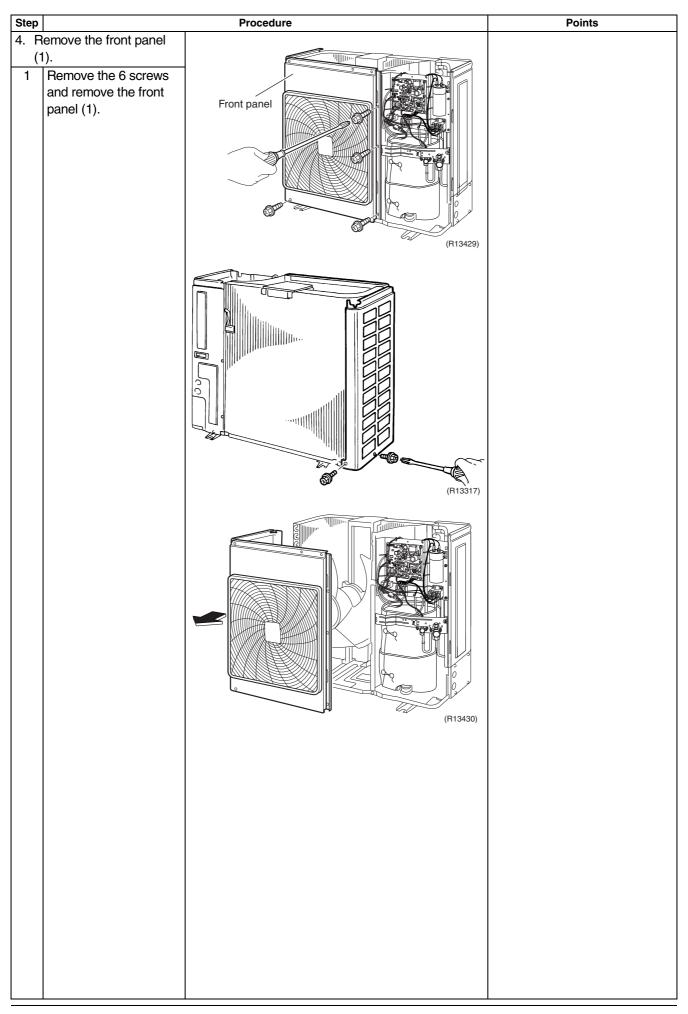
/ Warning

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



	Procedure	Points
Unfasten the hooks with a flat screwdriver and remove the suction grille.	Hook (R5427)	
Remove the screw and remove the front panel (2).	Front panel (2) (R12807)	
	(R13425)	■ When reassembling, fit the 5 hooks.
Remove the screw. Release the 3 hooks and remove the piping cover (front).	Piping cover (R13428) (front)	
	a flat screwdriver and remove the suction grille. Remove the front panel 2). Remove the screw and remove the front panel (2). Remove the screw. Release the 3 hooks and remove the piping	a flat screwdriver and remove the suction grille. Remove the front panel (2). Remove the front panel (2). Remove the piping cover ront). Remove the screw. Release the 3 hooks and remove the piping cover (front).

Removal of Outer Panels Si011088

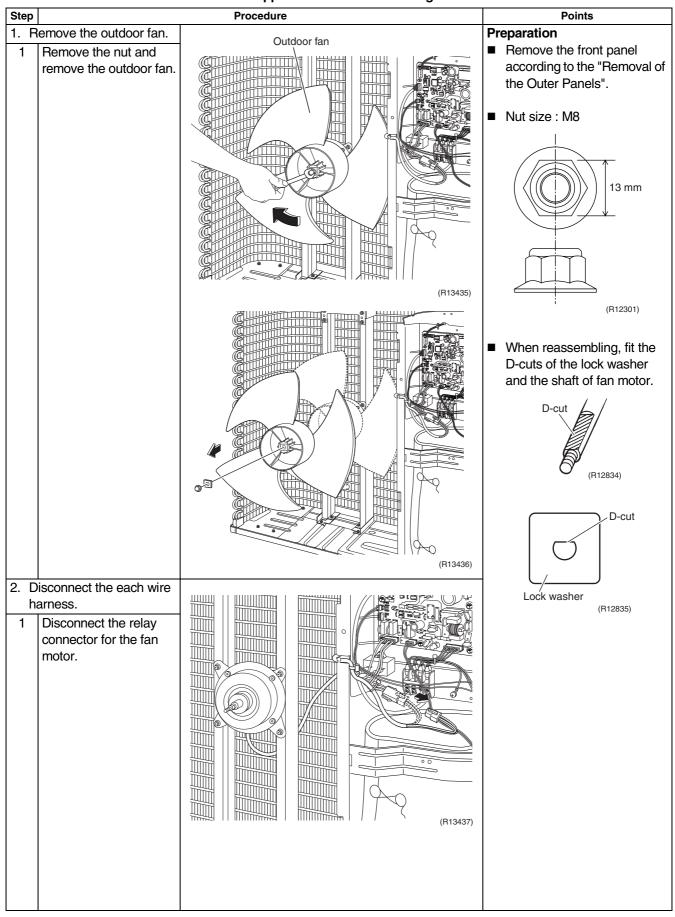


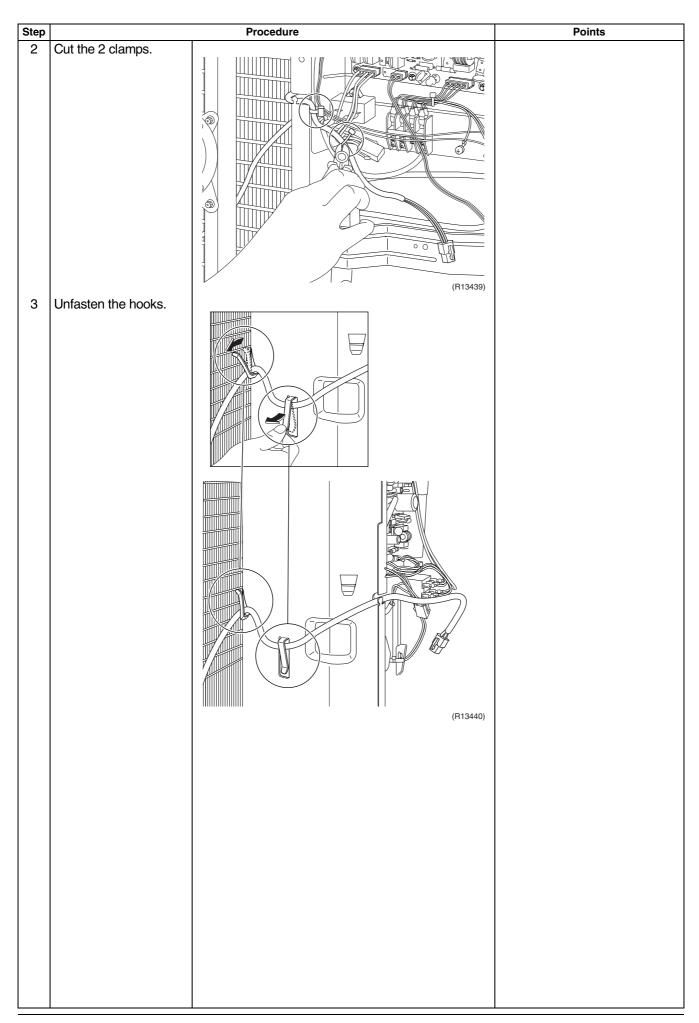
2. Removal of Outdoor Fan / Fan Motor

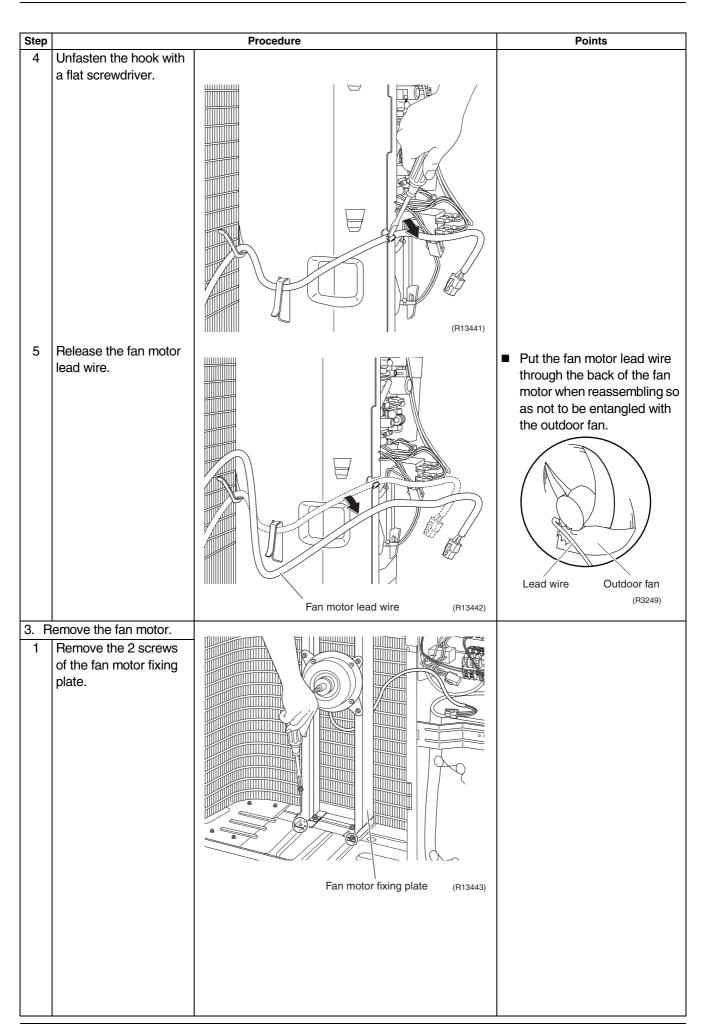
Procedure

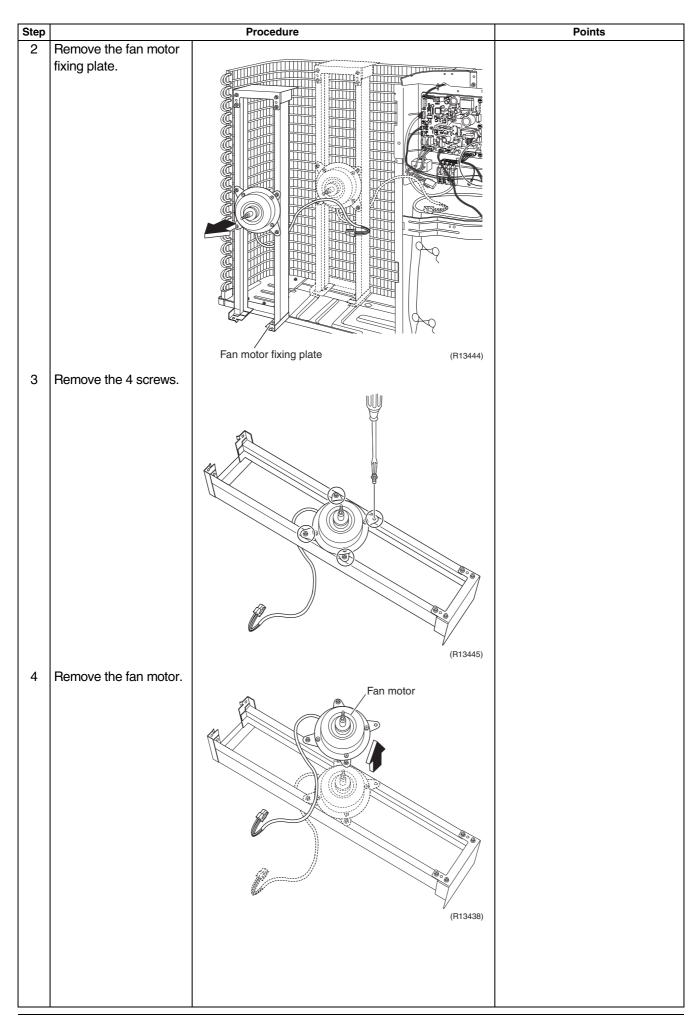
Warning

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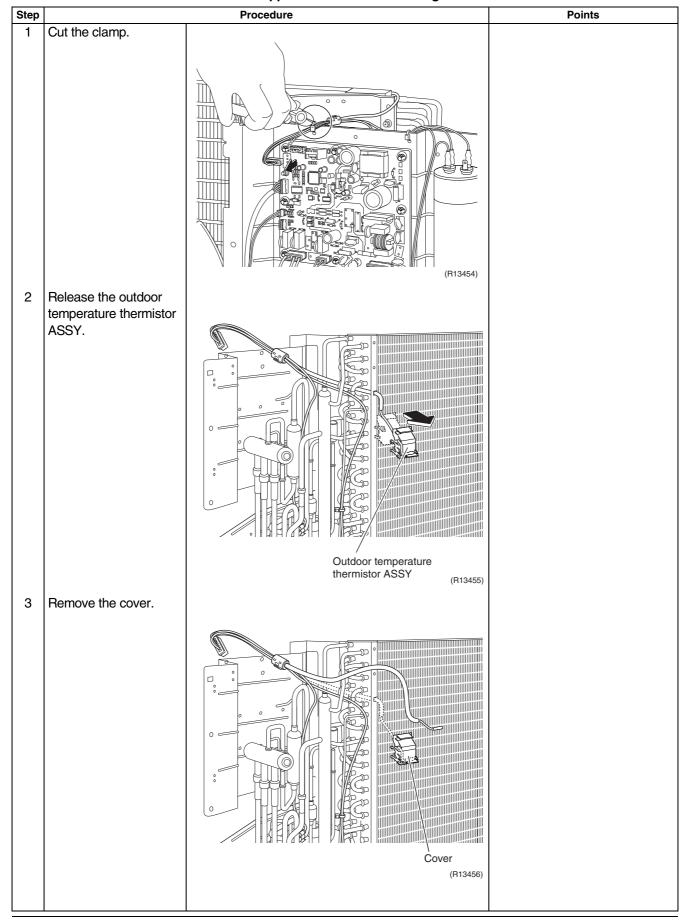


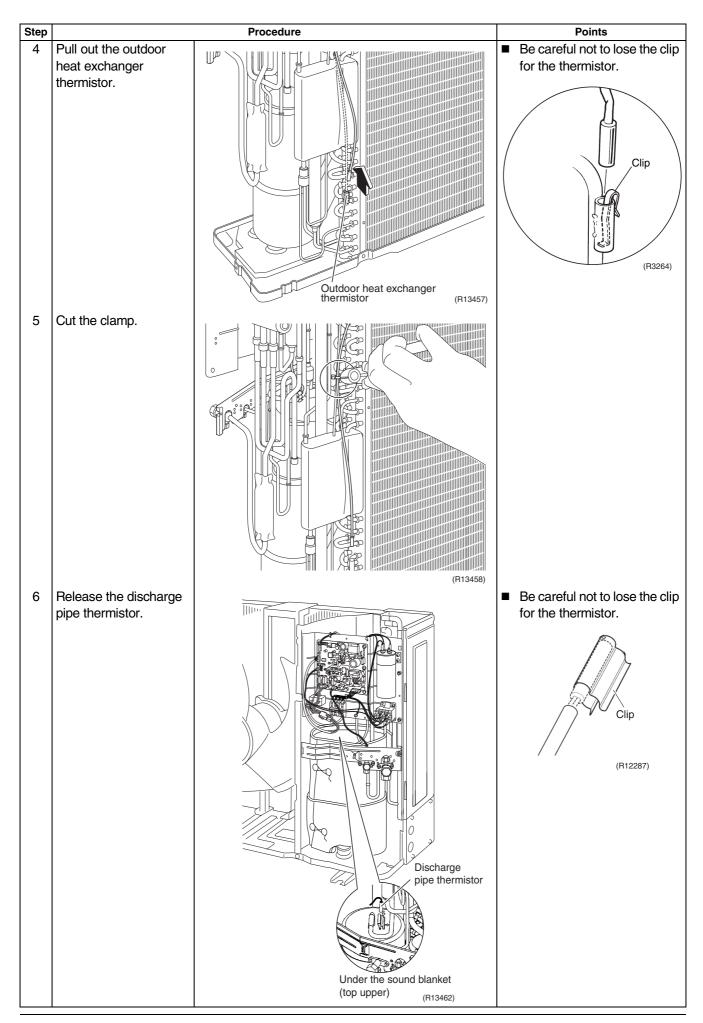
3. Removal of Thermistor ASSY

Procedure

Warning

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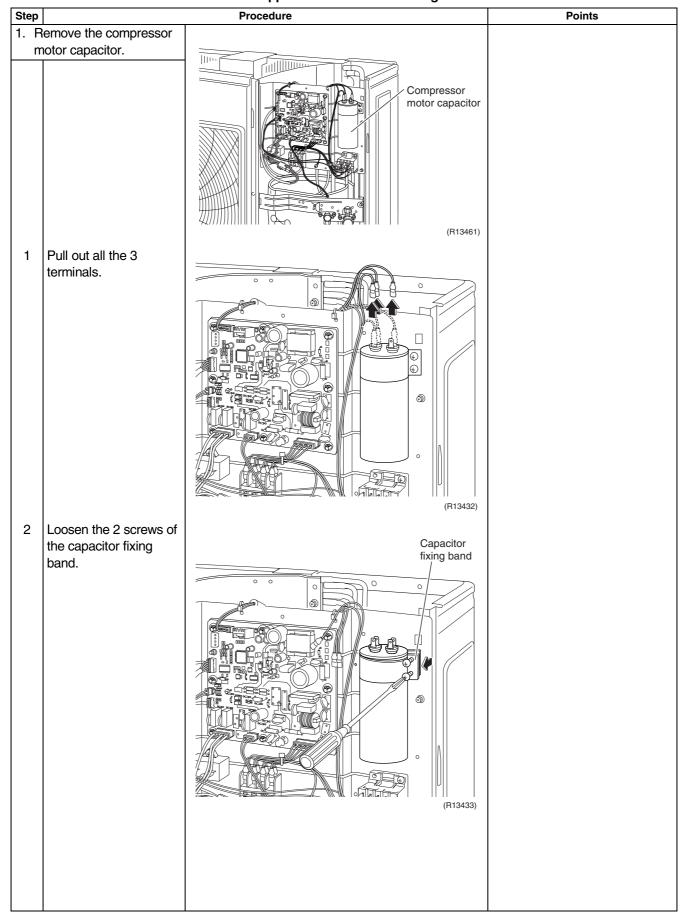


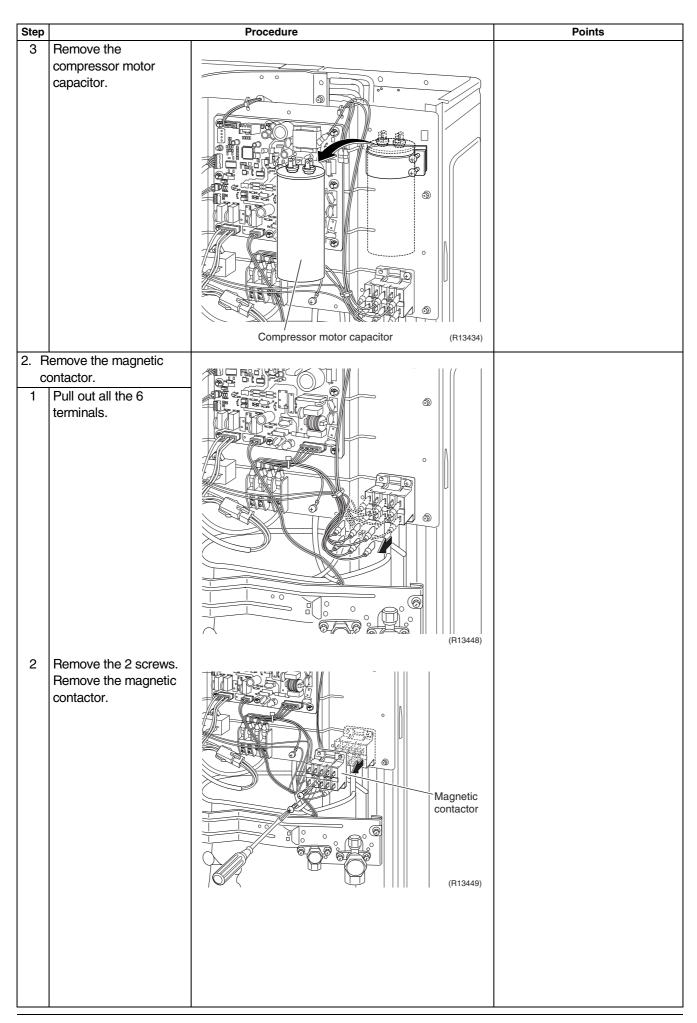
4. Removal of Electrical Components

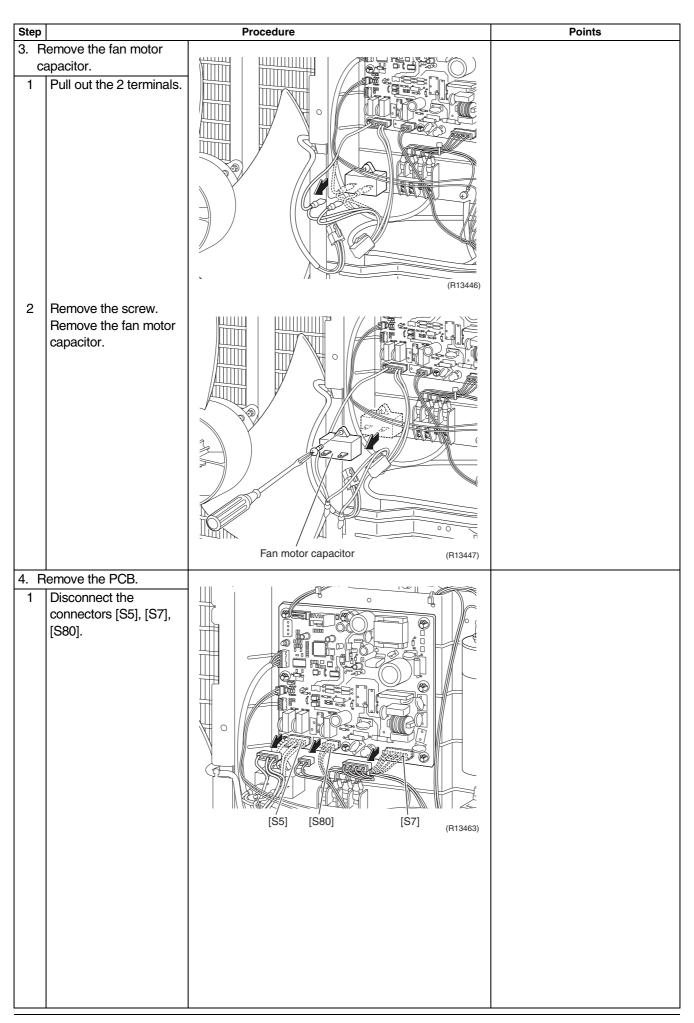
Procedure

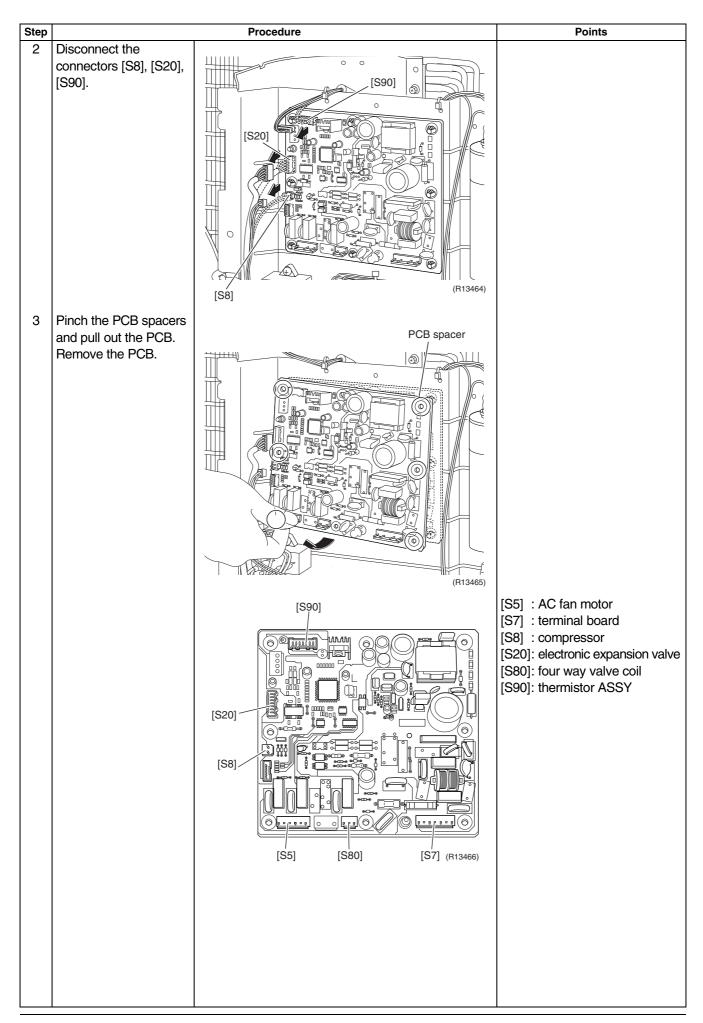
/ Warning

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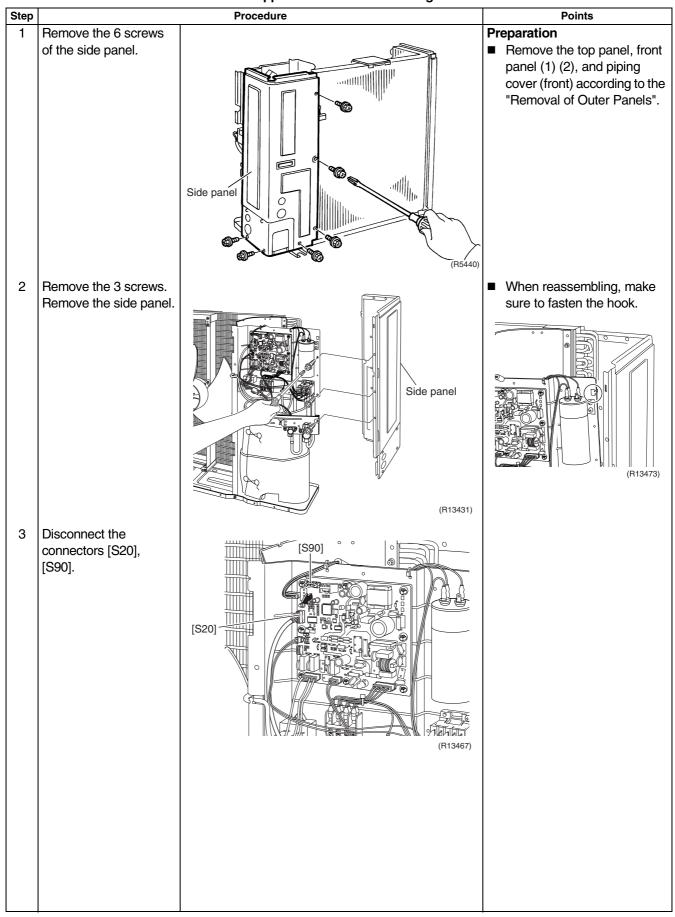


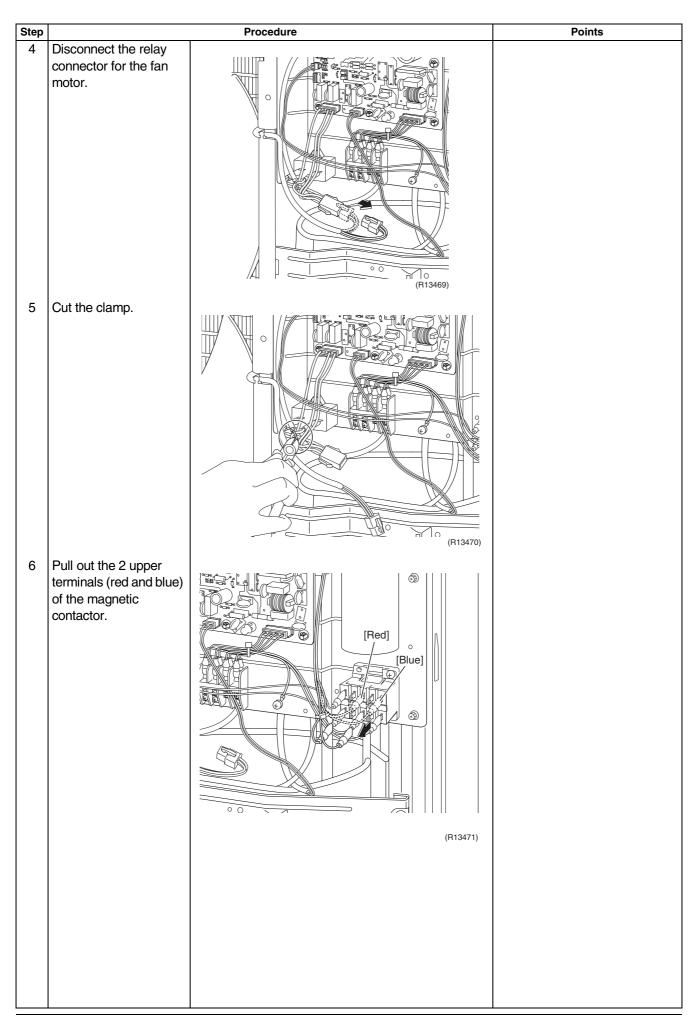
5. Removal of Electronic Expansion Valve

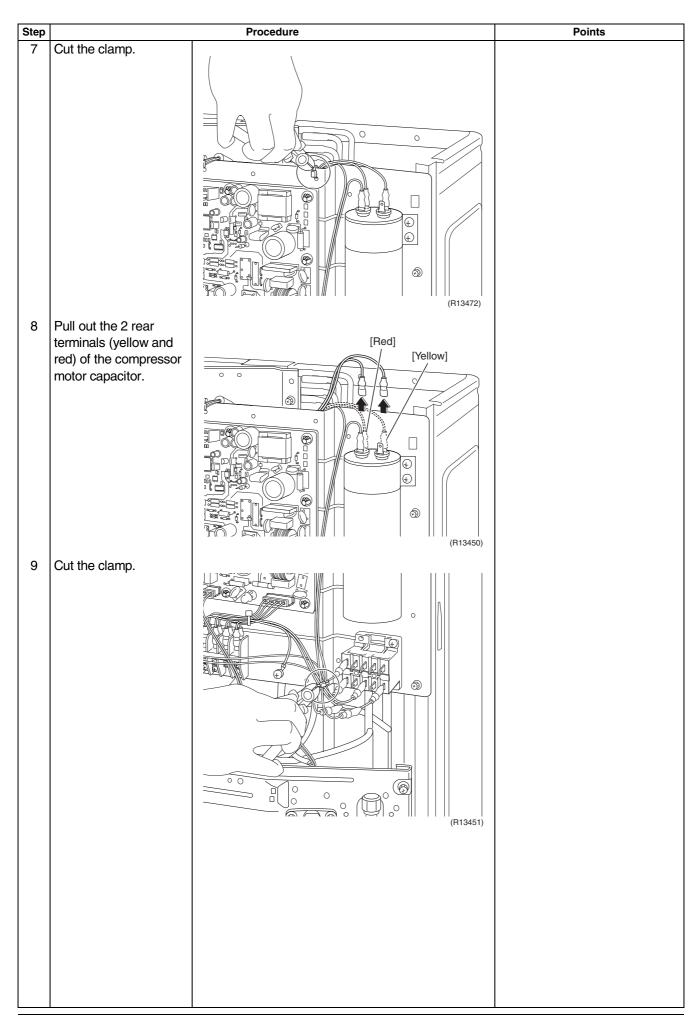
Procedure

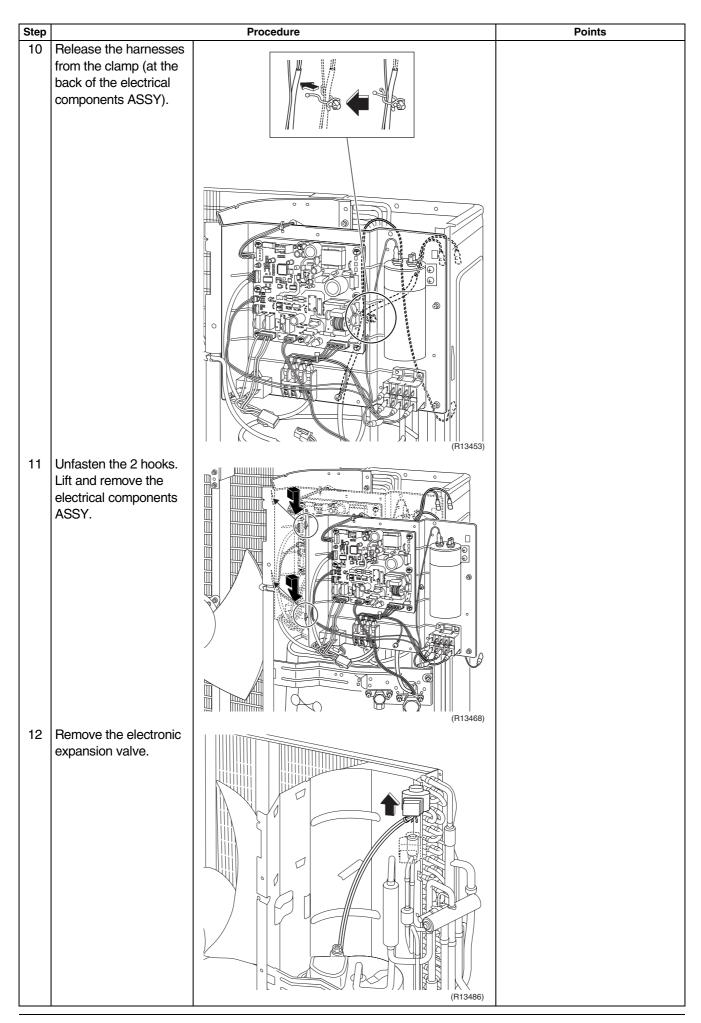
/ Warning Be

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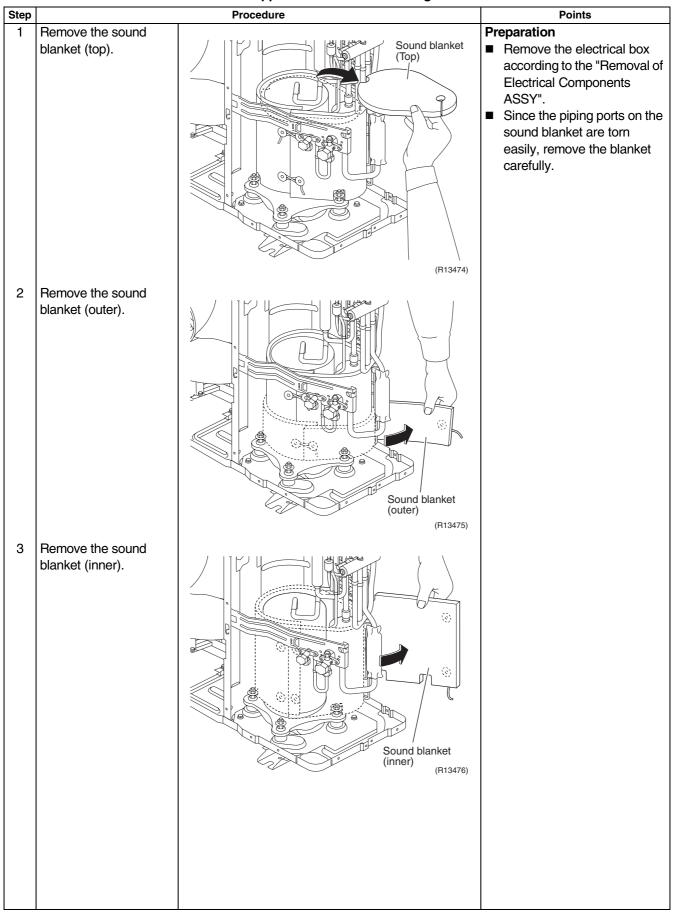


Removal of Sound Blankets Si011088

6. Removal of Sound Blankets

Procedure

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

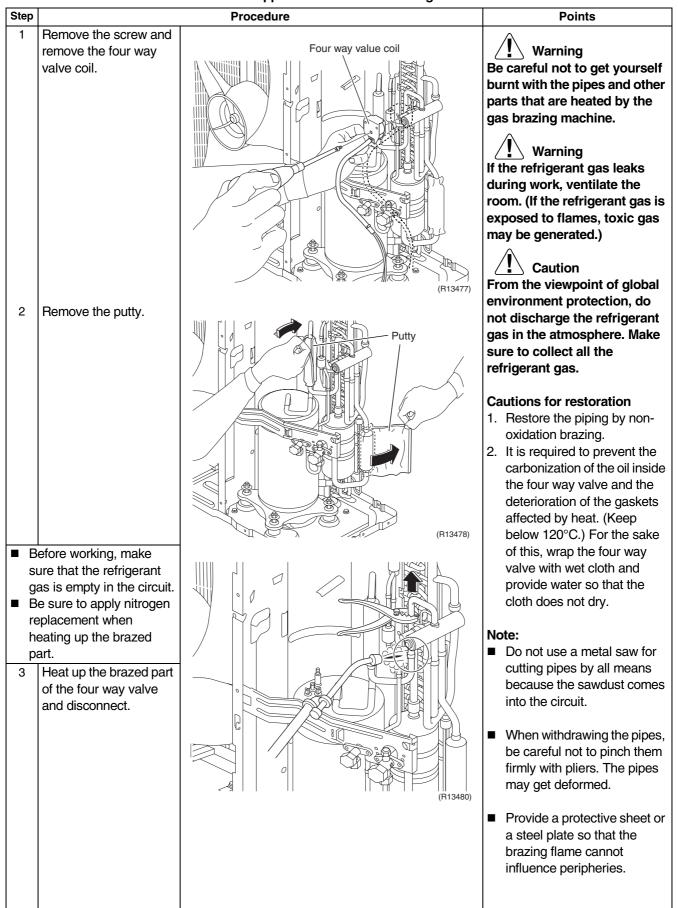


7. Removal of Four Way Valve

Procedure

Warning

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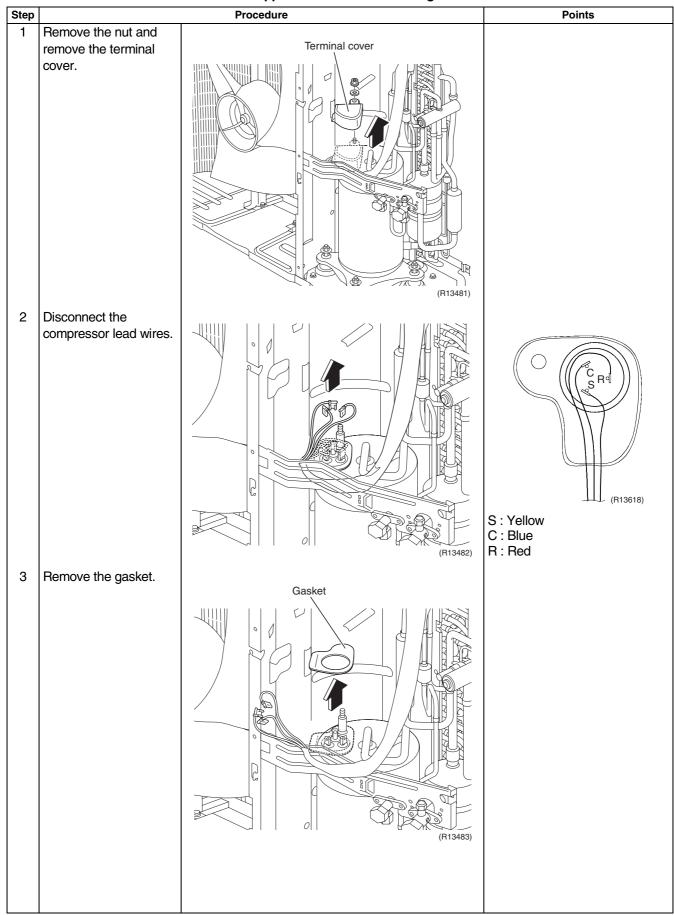
Step		Procedure	Points
4 Hea	eat up every brazed art in turn and sconnect.	(R13479)	

8. Removal of Compressor

Procedure

/ Warning

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



Removal of Compressor Si011088

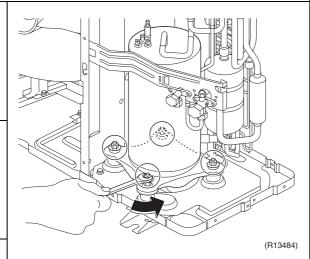
Procedure

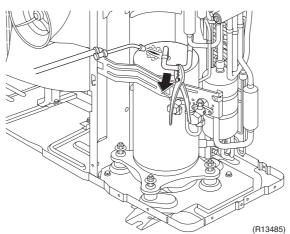
Step 4 Remove the 4 nuts of the compressor.

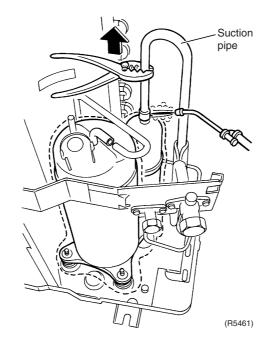
- Before working, make sure that the refrigerant is empty in the circuit.
- Be sure to apply nitrogen replacement when heating up the brazed part.
 - 5 Heat up the brazed part of the discharge side and disconnect.
- 6 Heat up the brazed part of the suction side and disconnect.

Note:

- 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 heat exchanger fins.







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 refrigerant gas.

Cautions for restoration

- 1. Restore the piping by non-oxidation 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 brazing machine

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

Revision History

Month / Year	Version	Revised contents
01 / 2013	Si011088	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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