

Si001655E

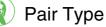


12000 Btu/h Class



Outdoor Unit







Service Manual Removal Procedure

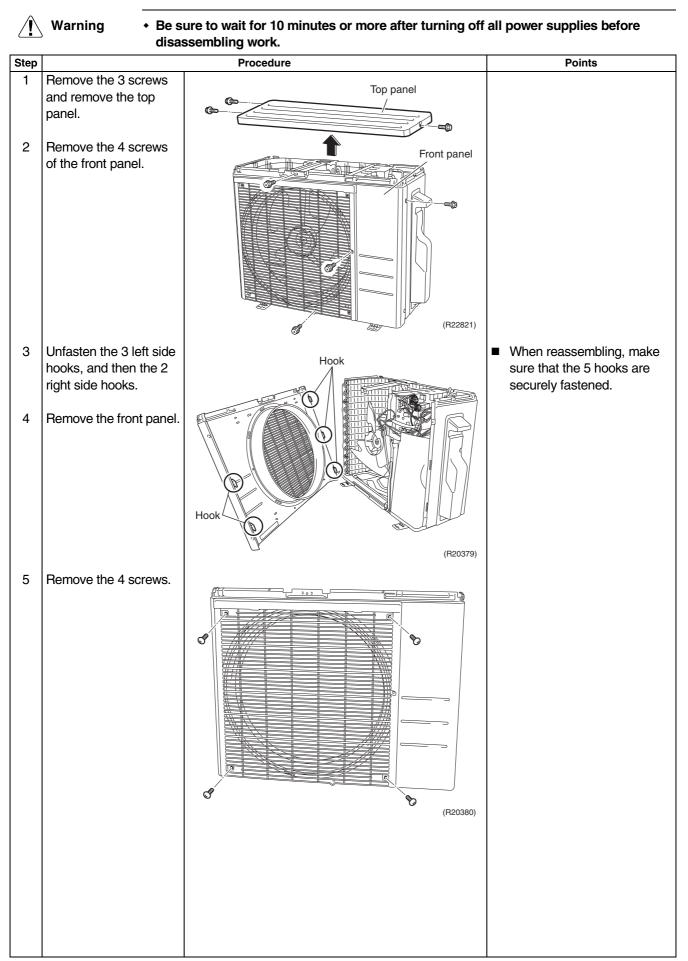
Outdoor Unit

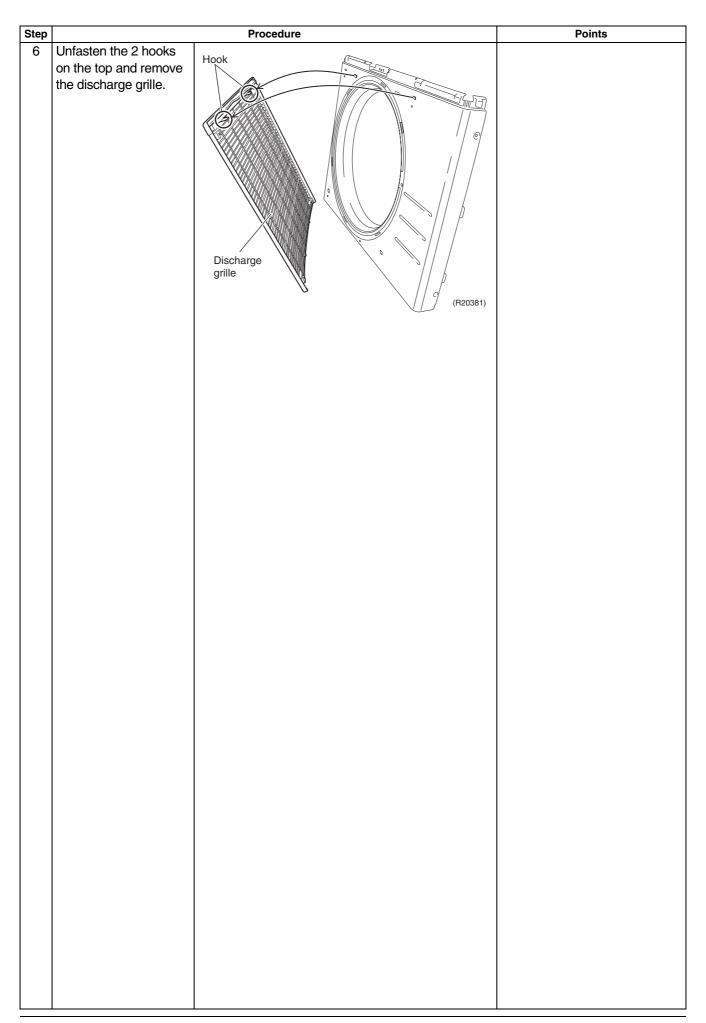
Heat Pump
RXL12QMVJU

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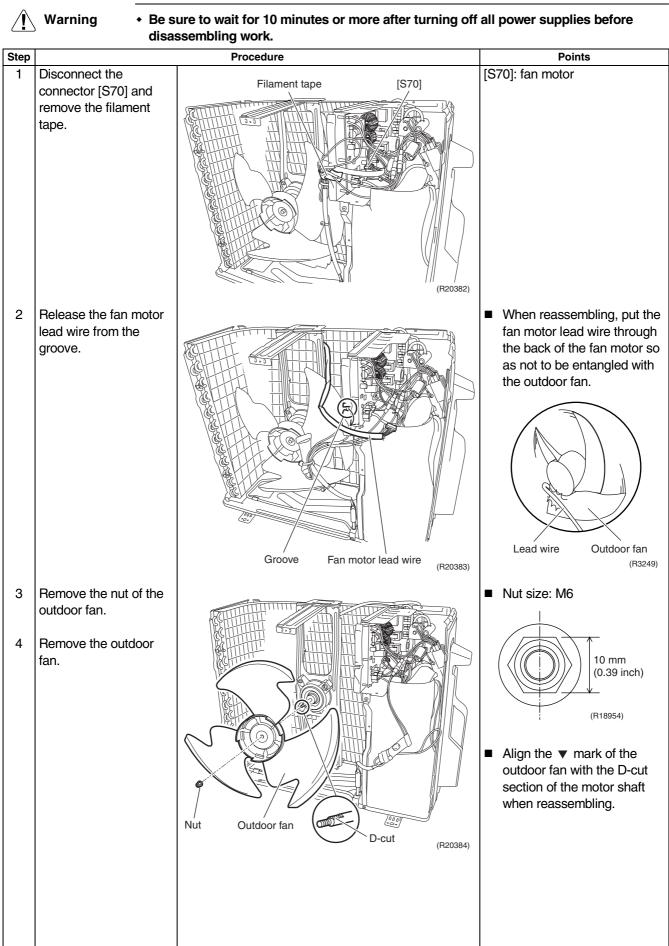
1. Outer Panels

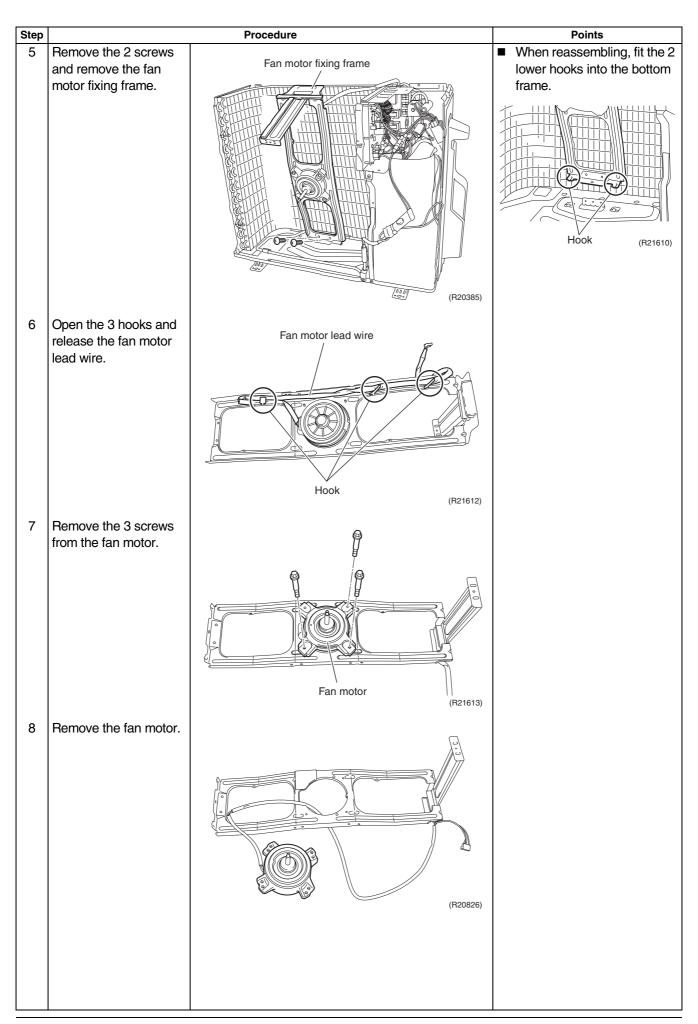




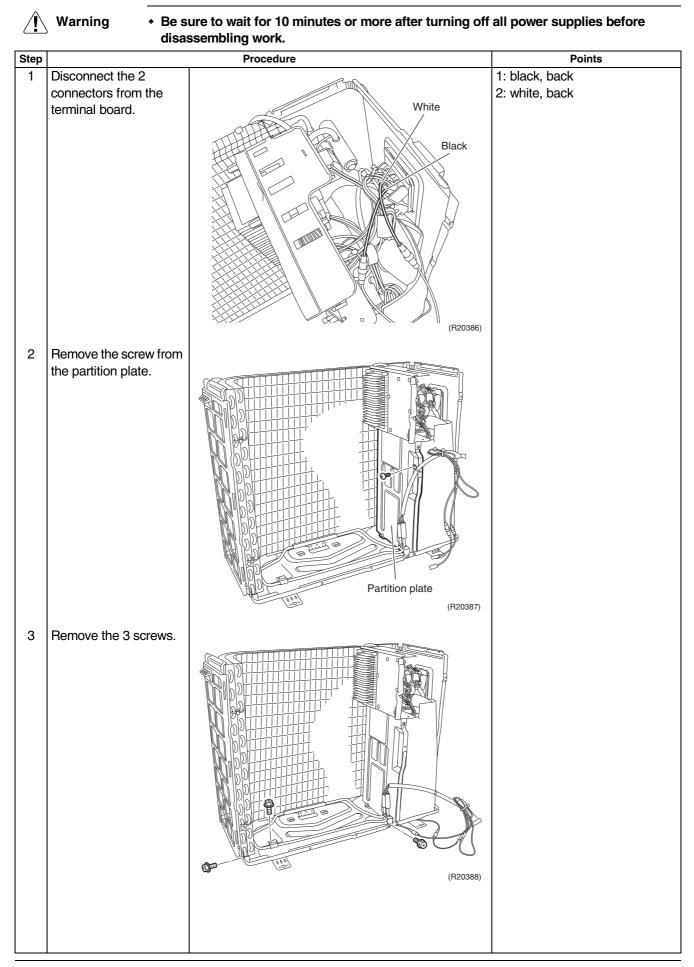
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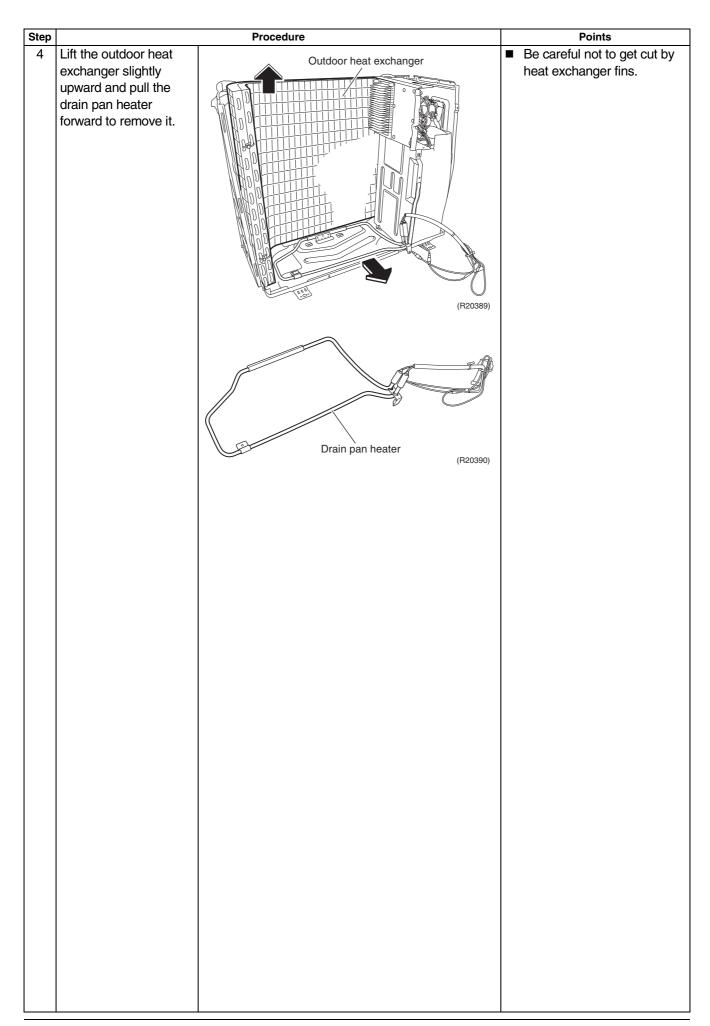
2. Outdoor Fan / Fan Motor





3. Drain Pan Heater (Option)

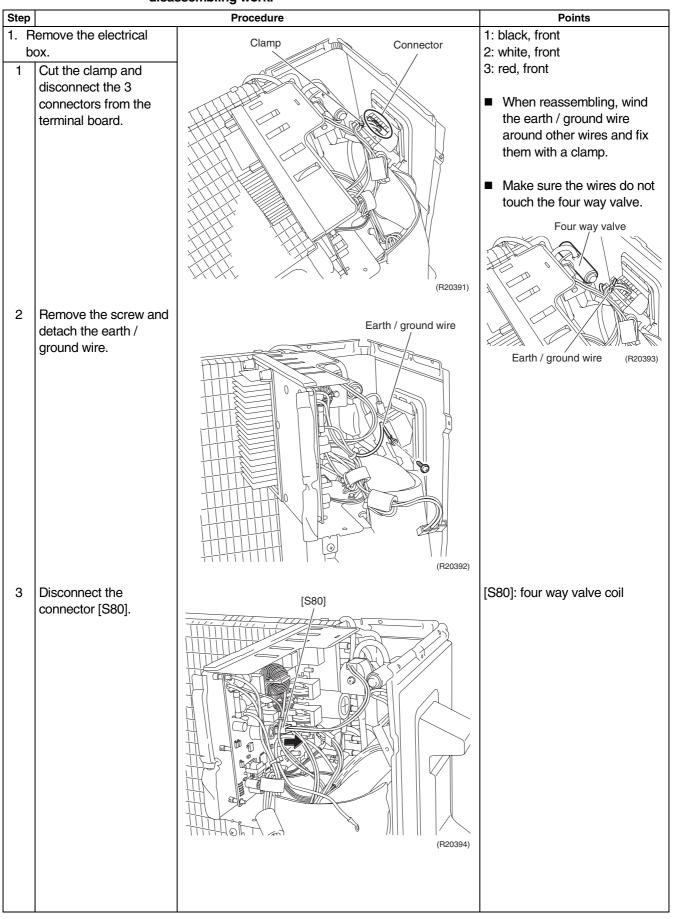


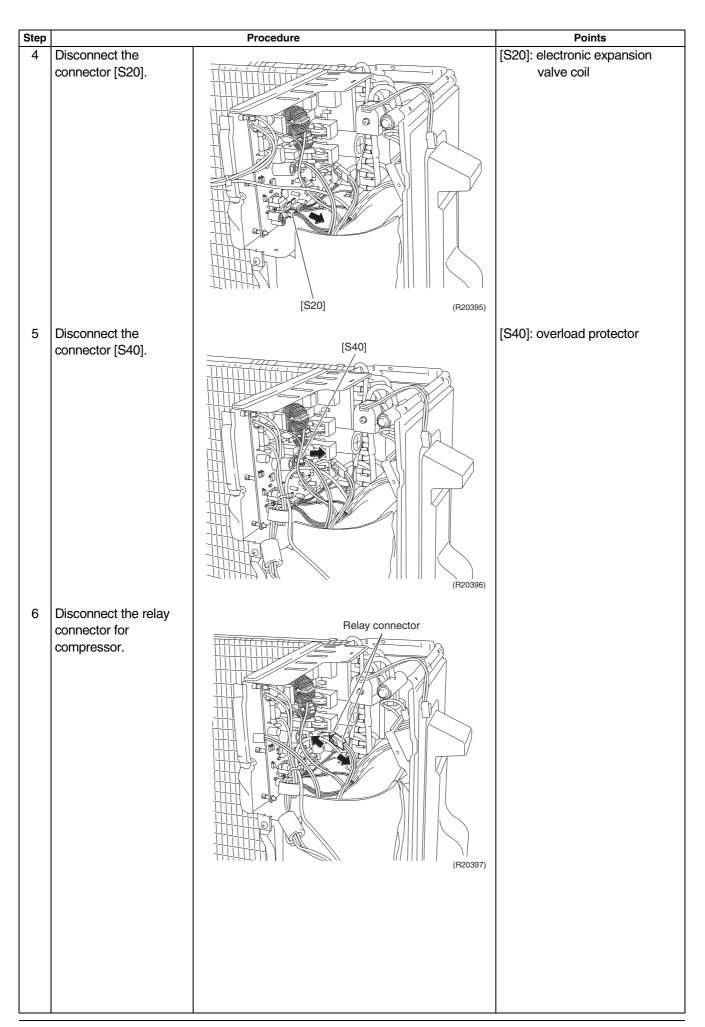


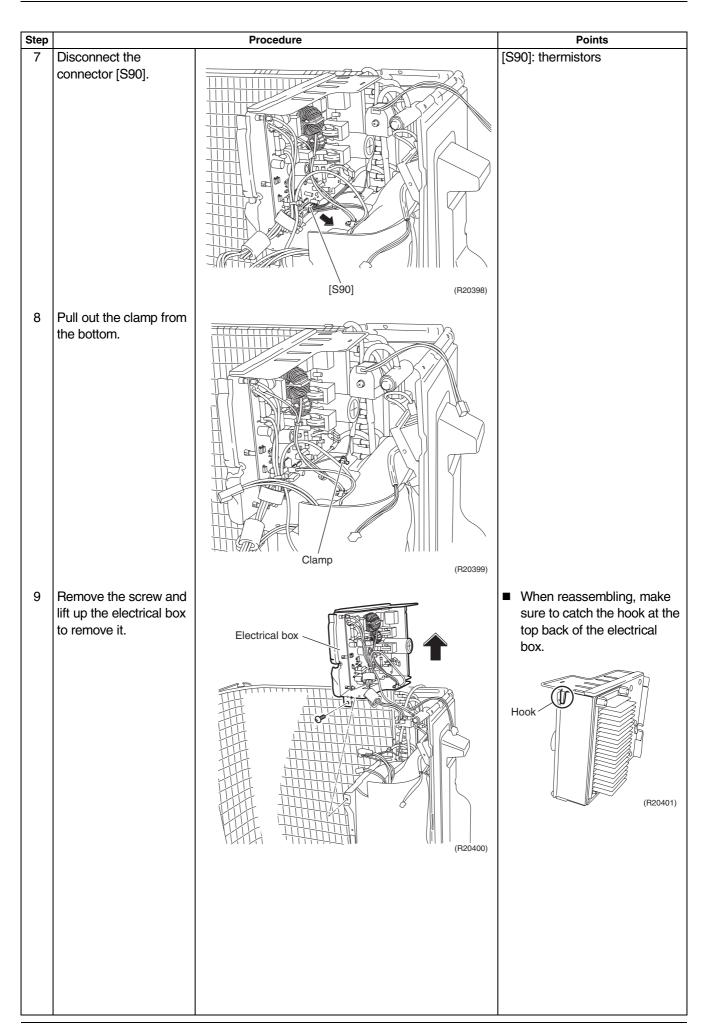
4. Electrical Box / PCB



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

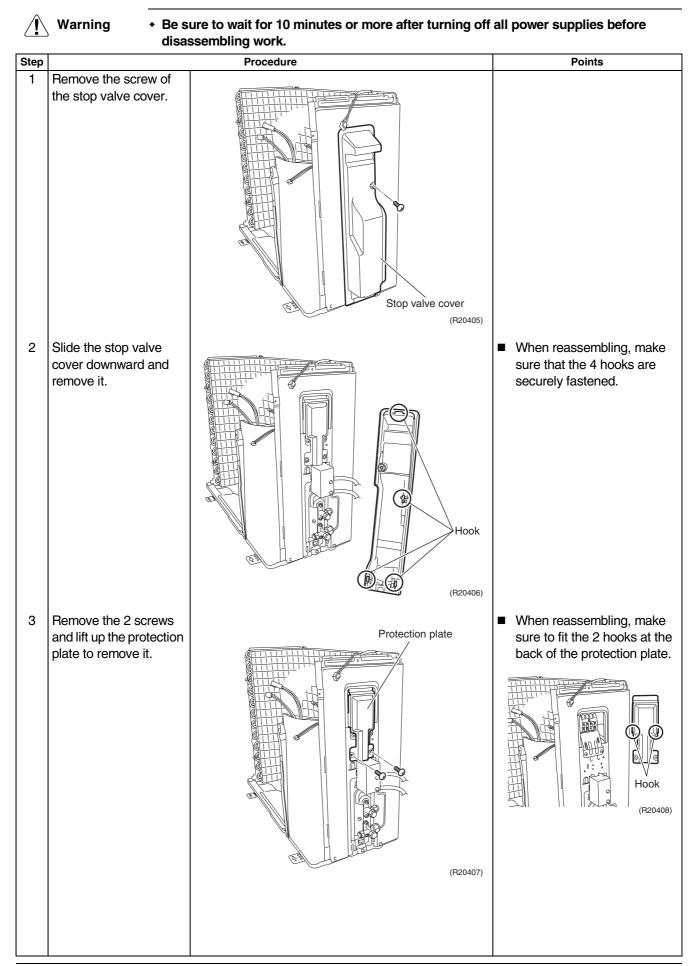


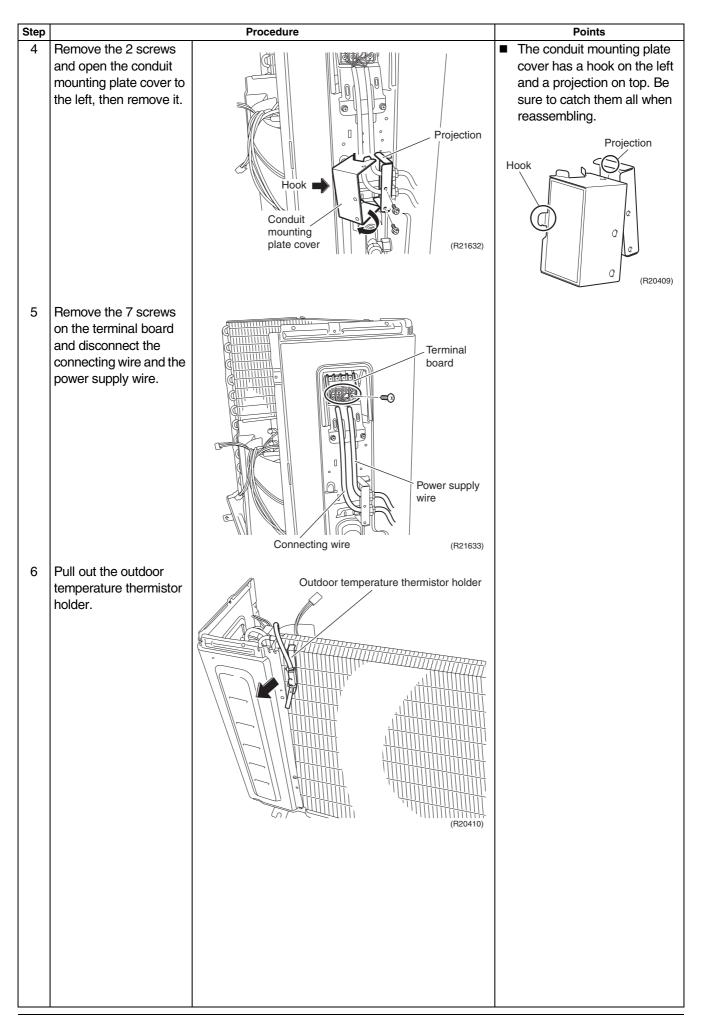


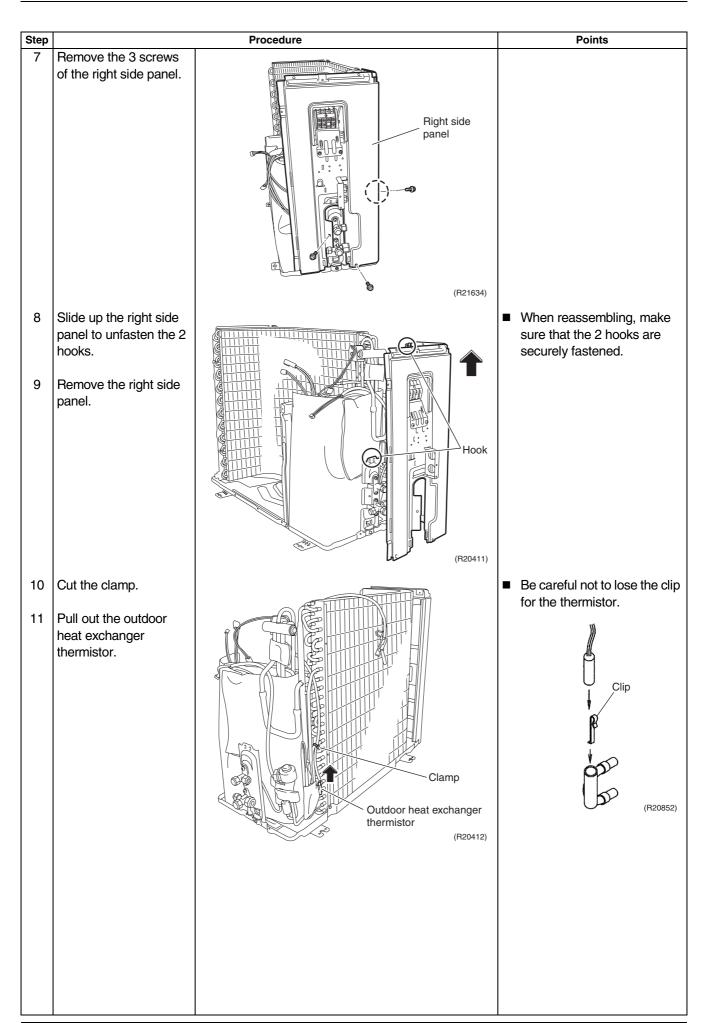


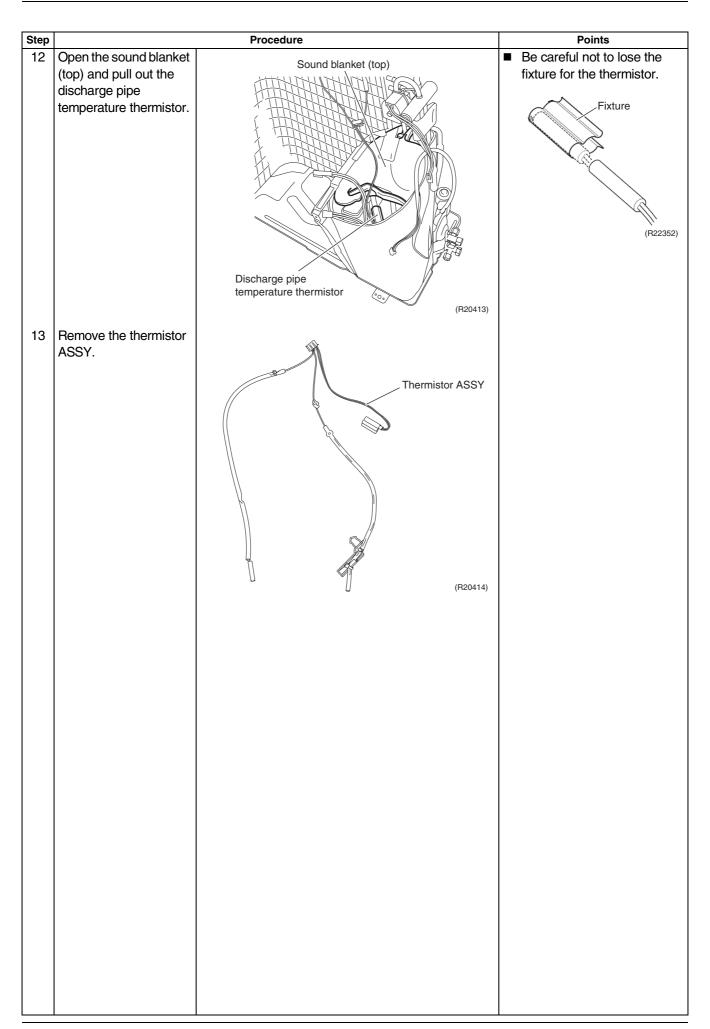
| Step | | Procedure | Points |
|------|--|----------------------------|--------|
| | emove the PCB. | | |
| 1 | Remove the earth / ground screw. | Earth/ground screw (B2042) | |
| 2 | Remove the 5 screws | | |
| _ | of the PCB. | Hook | |
| 3 | Unfasten the 2 spacers and the 3 hooks from the PCB. | Spacer Hock (B20403) | |
| 4 | Remove the PCB. | PCB | |
| | | (R20404 | |

5. Thermistor ASSY

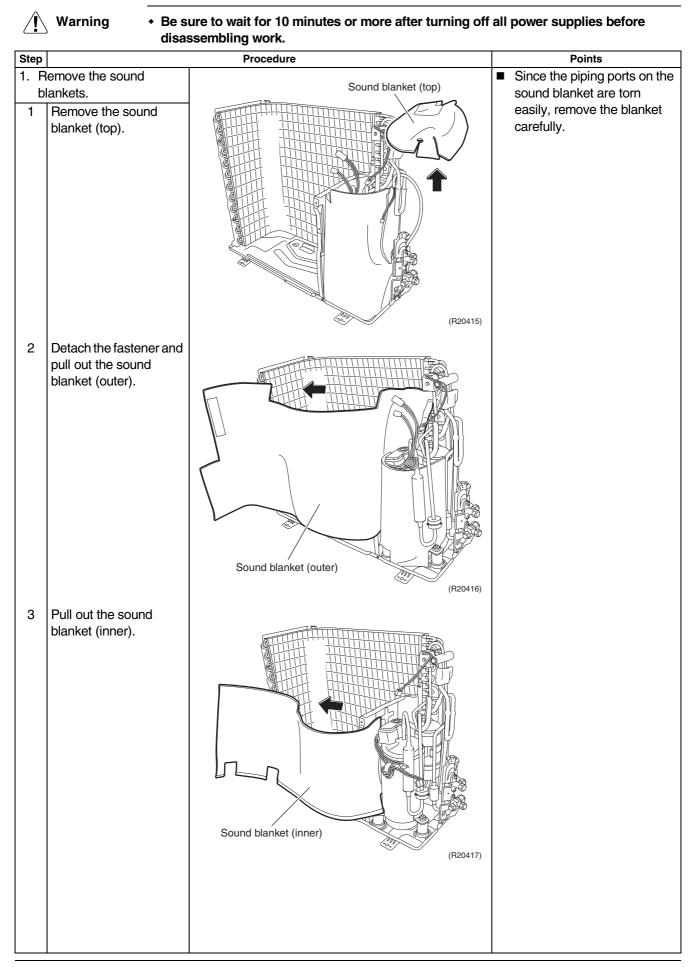








6. Sound Blankets / Partition Plate



| Step | | Procedure | Points |
|-----------|---|-----------|--|
| | Remove the partition | | |
| <u></u> 1 | Remove the 2 screws. | (F2018) | |
| 2 | Lift up the partition plate and remove it. | | When reassembling, fit the hook on the bottom frame. |

7. Electronic Expansion Valve Coil / 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.)

Caution

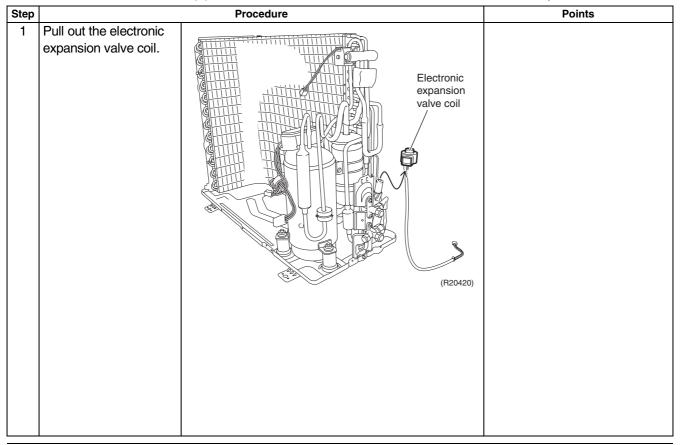
• From the viewpoint of global environment protection, do not discharge the refrigerant gas in the atmosphere. Make sure to collect all the refrigerant gas.

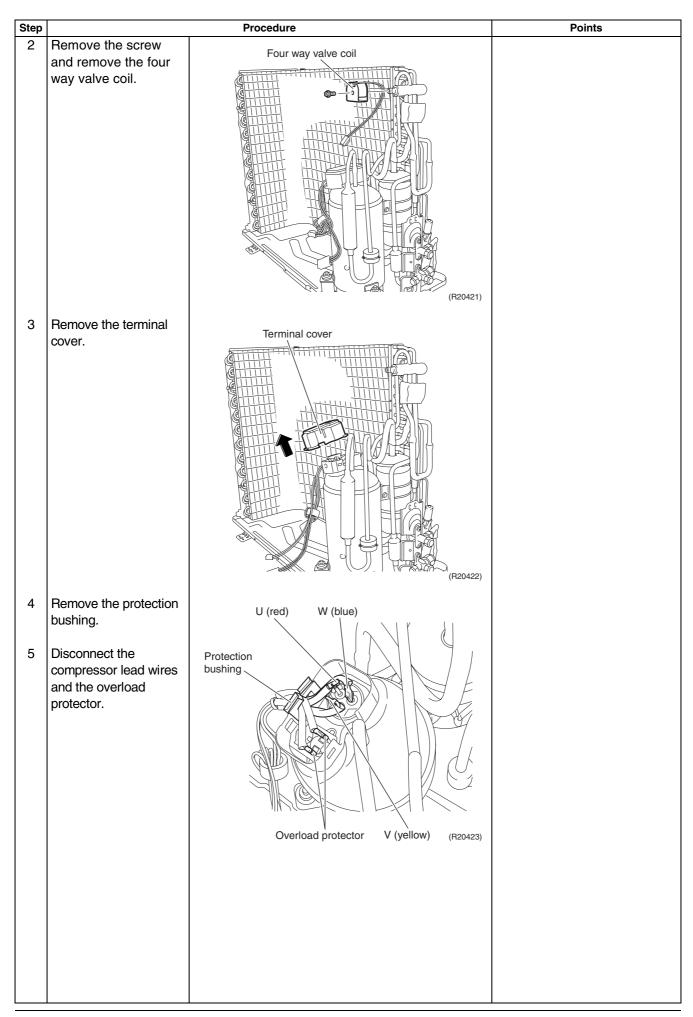
Cautions for restoration

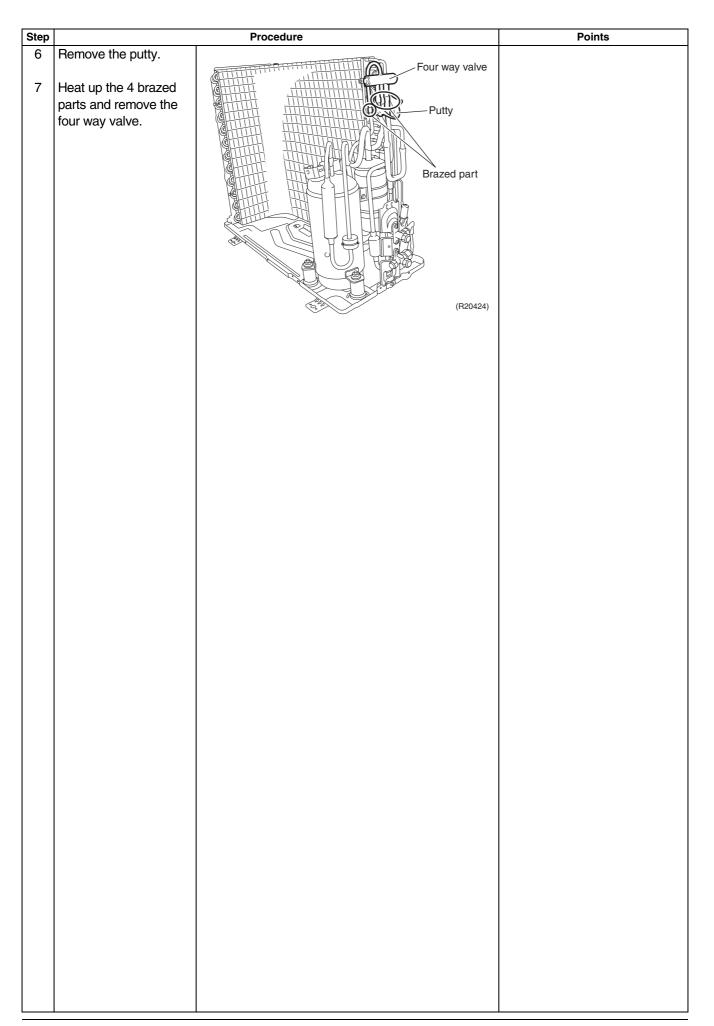
- 1. Restore the piping by non-oxidation brazing.
- It is required to prevent the carbonization of the oil inside the four way valve and the deterioration of the gaskets affected by heat. (Keep below 120°C (248°F).) For the sake of this, wrap the four way valve with wet cloth and provide water so that the cloth does not dry.

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.



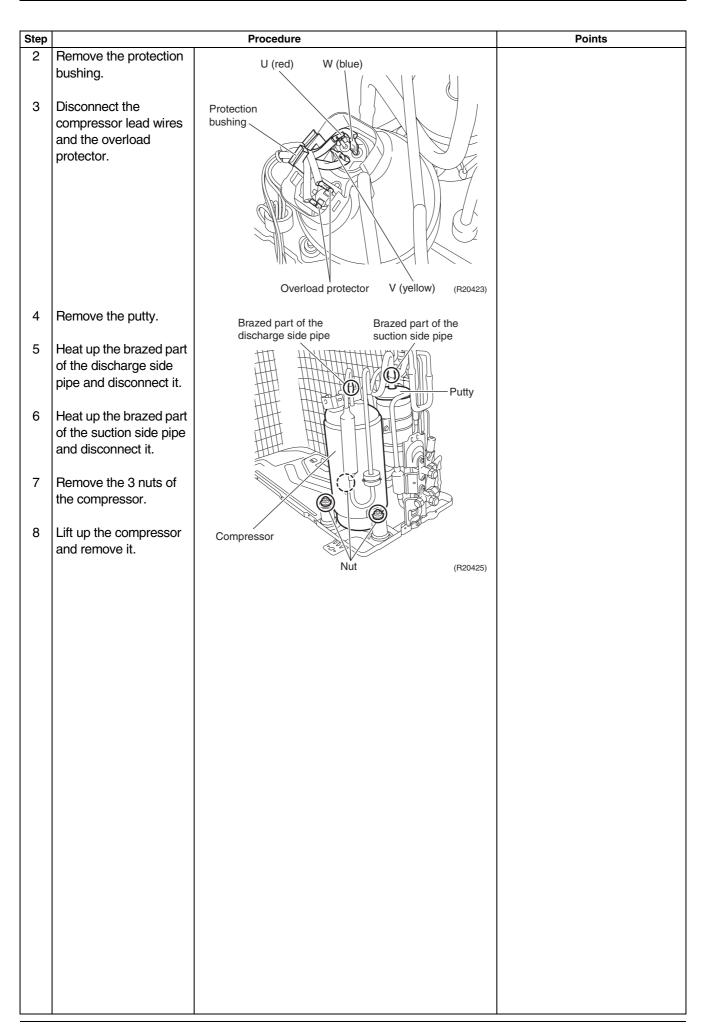




8. Compressor Warning · Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work. Be careful not to get yourself burnt with the pipes and other parts that are heated by the gas brazing machine. If the refrigerant gas leaks during work, ventilate the room. (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.
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| Step | | Procedure | Points |
|------|----------------------------|----------------|--------|
| 1 | Remove the terminal cover. | Terminal cover | |



Revision History

| Month / Year | Version | Revised contents |
|--------------|-----------|------------------|
| 03 / 2016 | Si001655E | 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

 Air conditioners should not be installed in areas where corrosive gases, such as acid gas or alkaline gas, are produced.
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.

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