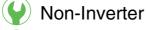




### 2.5/3.5 kW Class









# Service Manual Removal Procedure

## **Outdoor Unit**

●Cooling Only RN25HV1A RN35HV1A ●Heat Pump RYN35HV1A

# **Table of Contents**

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The illustrations may be slightly different depending on the model.	

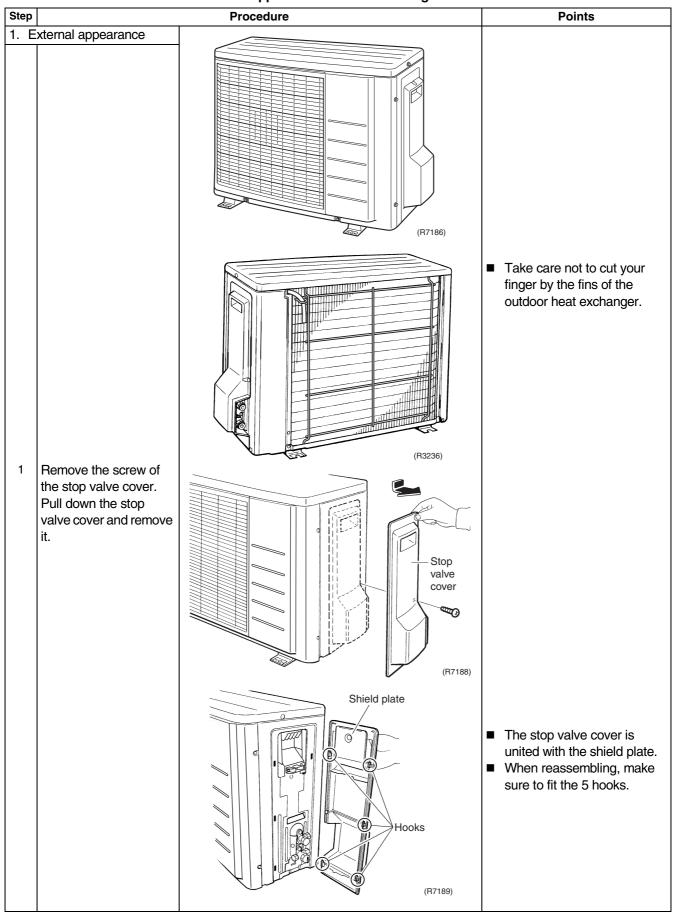
Note:

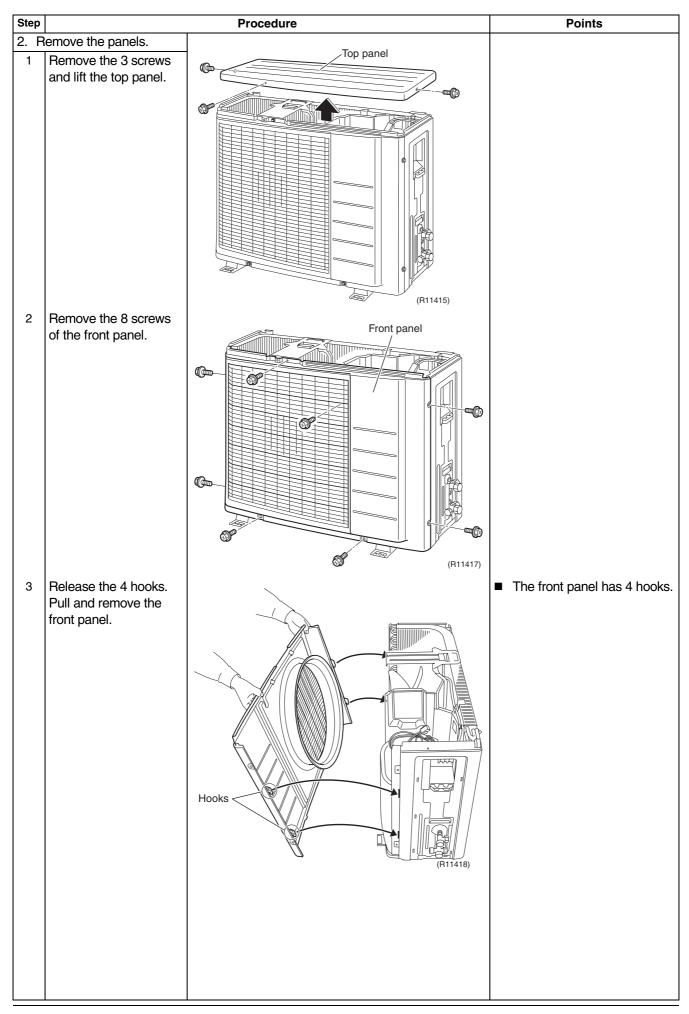
- The illustrations are for heat pump models as representative.

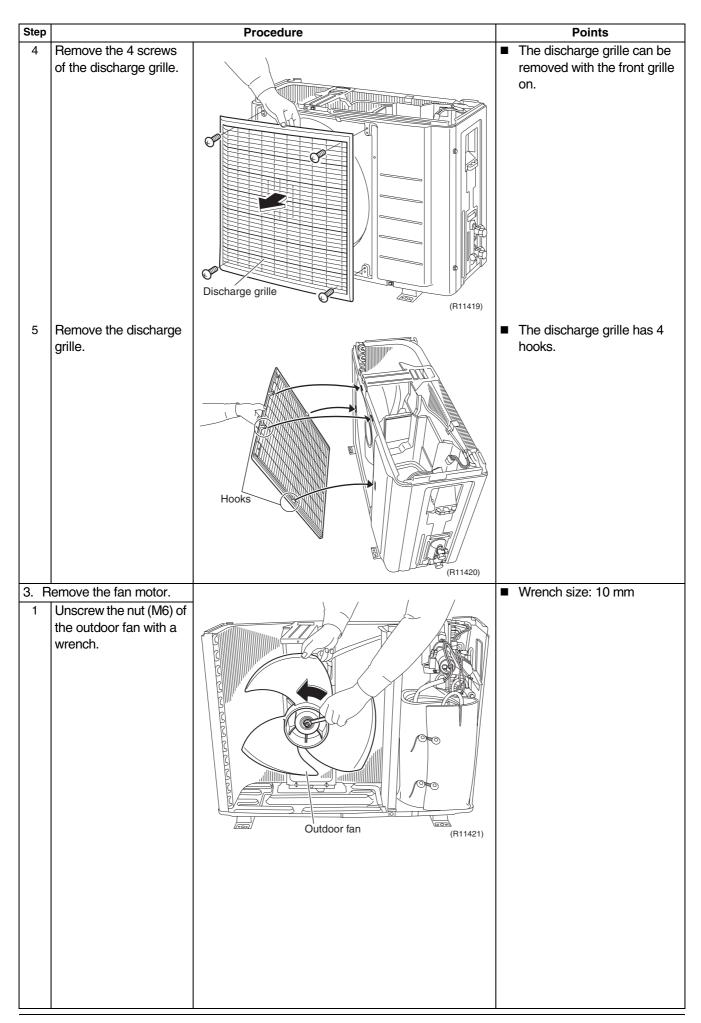
### 1. Removal of Panels / Fan Motor

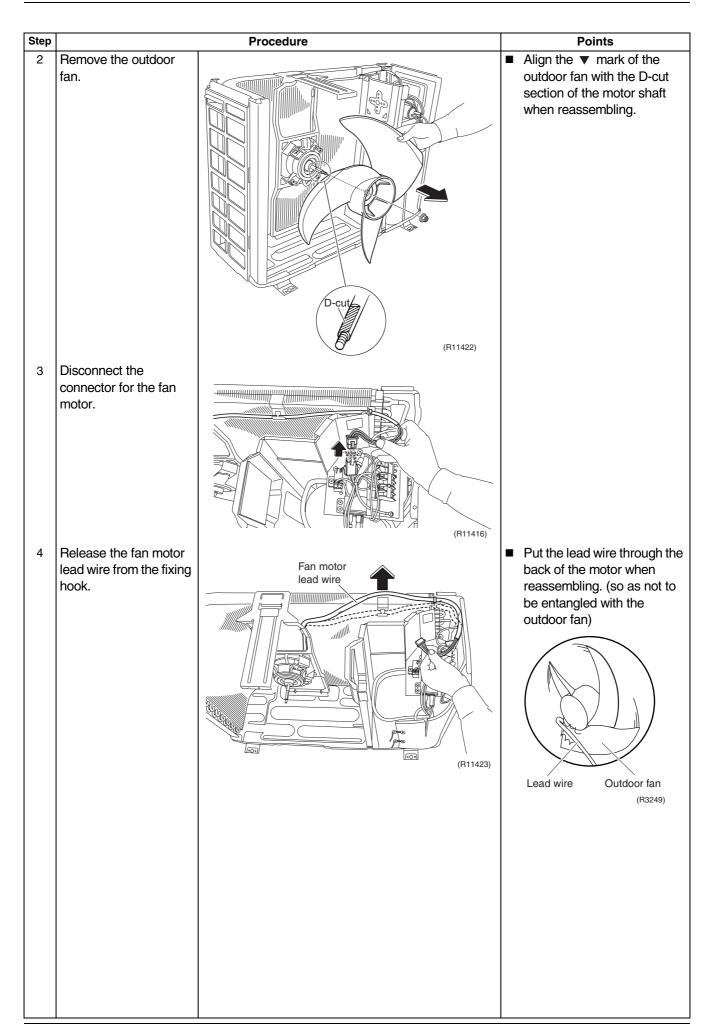
#### **Procedure**

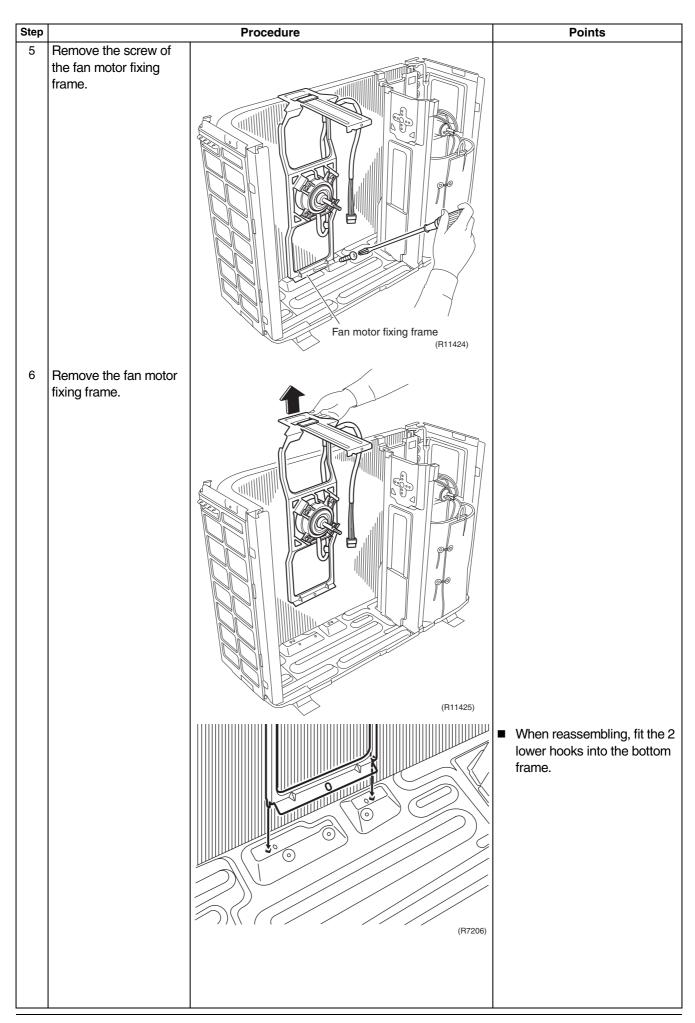
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

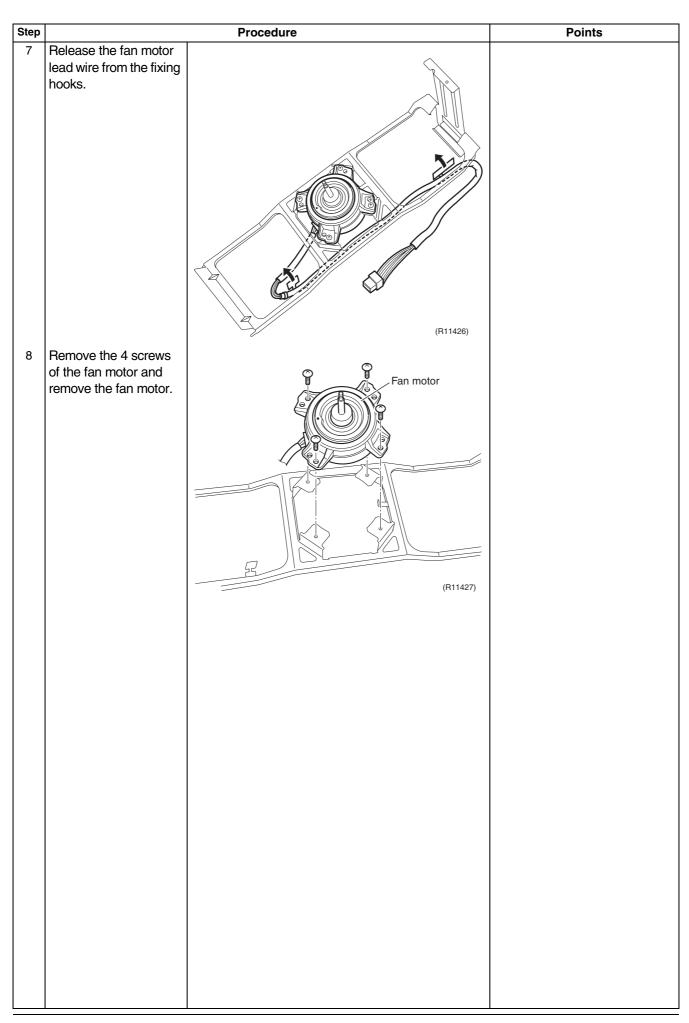


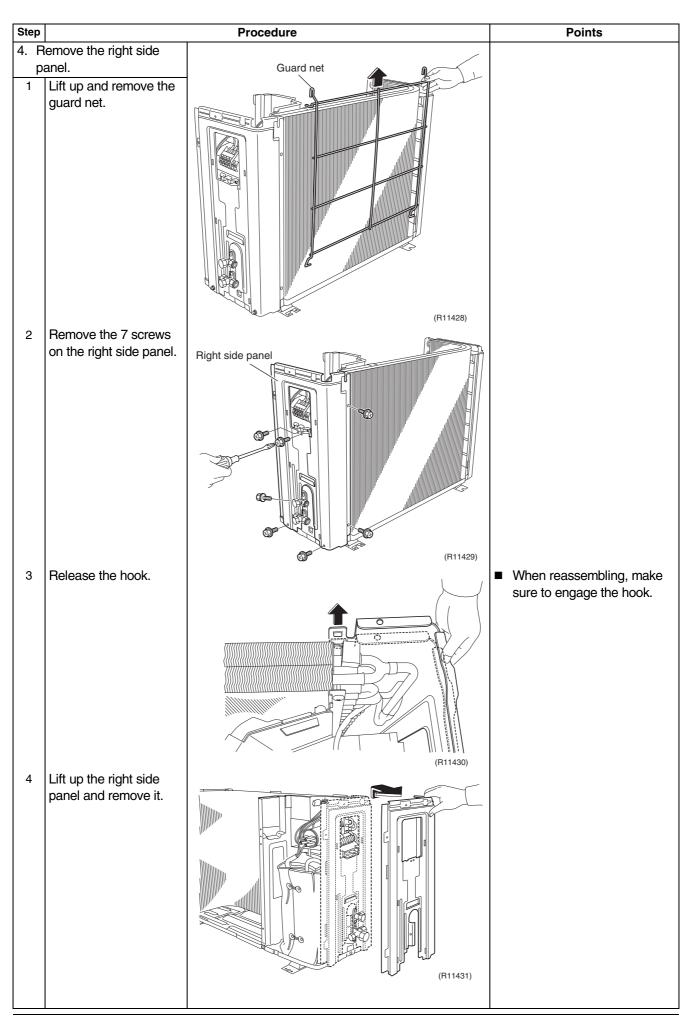










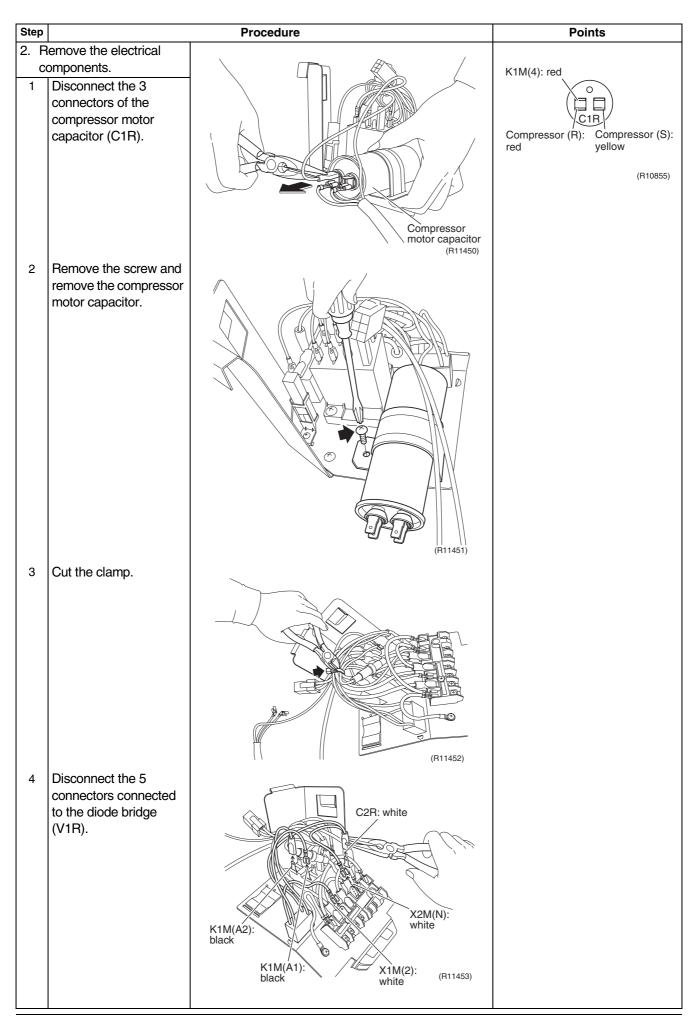


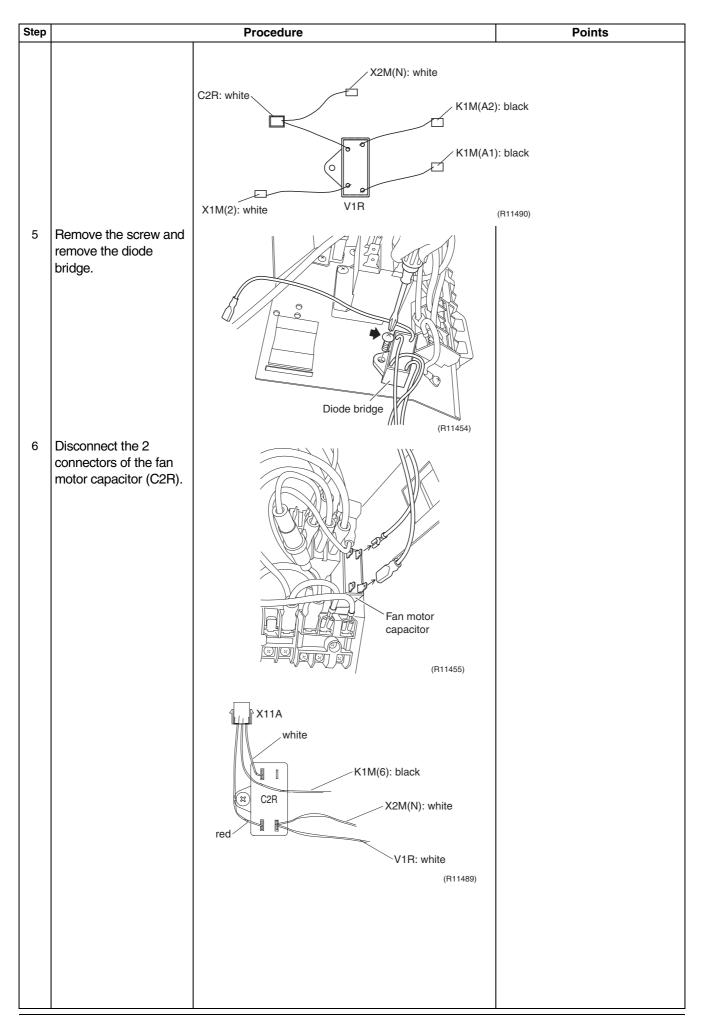
## 2. Removal of Electrical Components (Pattern 1)

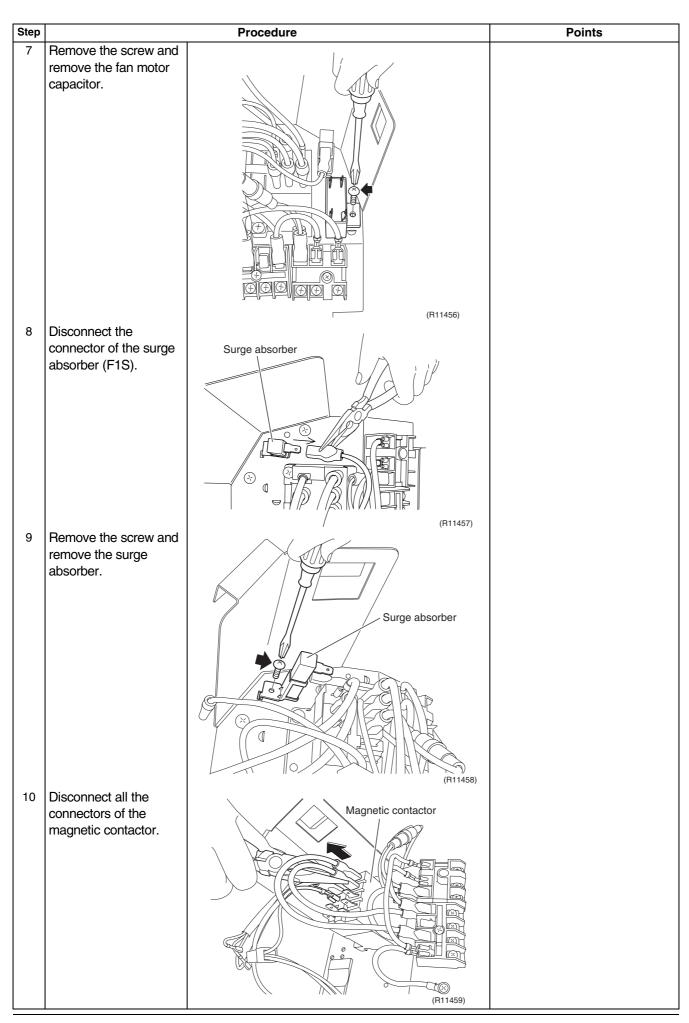
#### **Procedure**

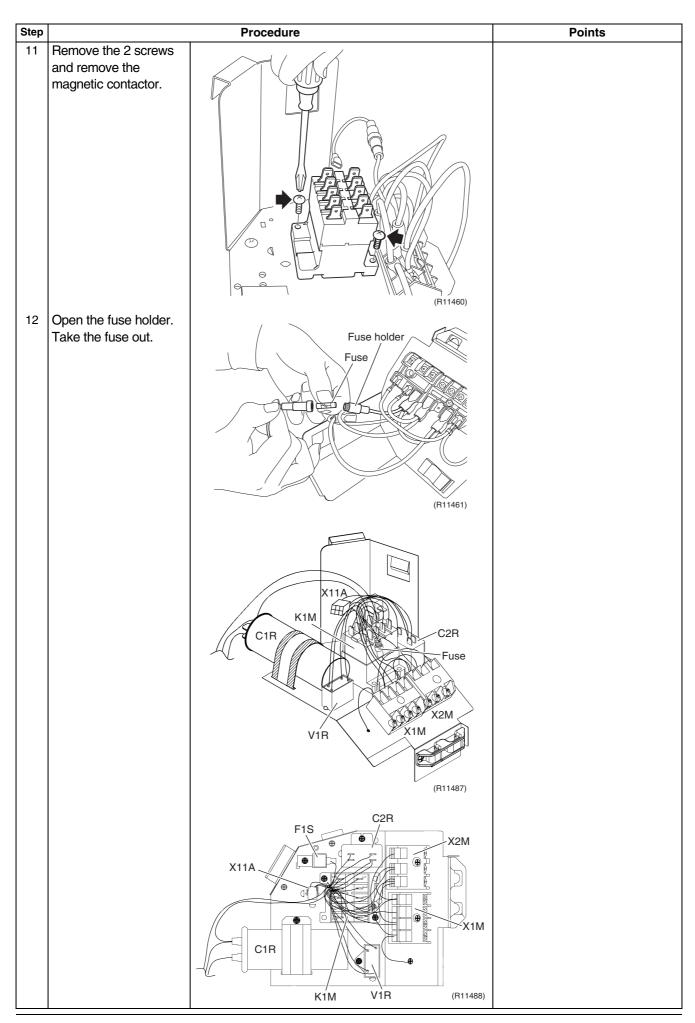
Warning Be sure to wait 10 minutes or more after turning off all power supplies before disassembling work.

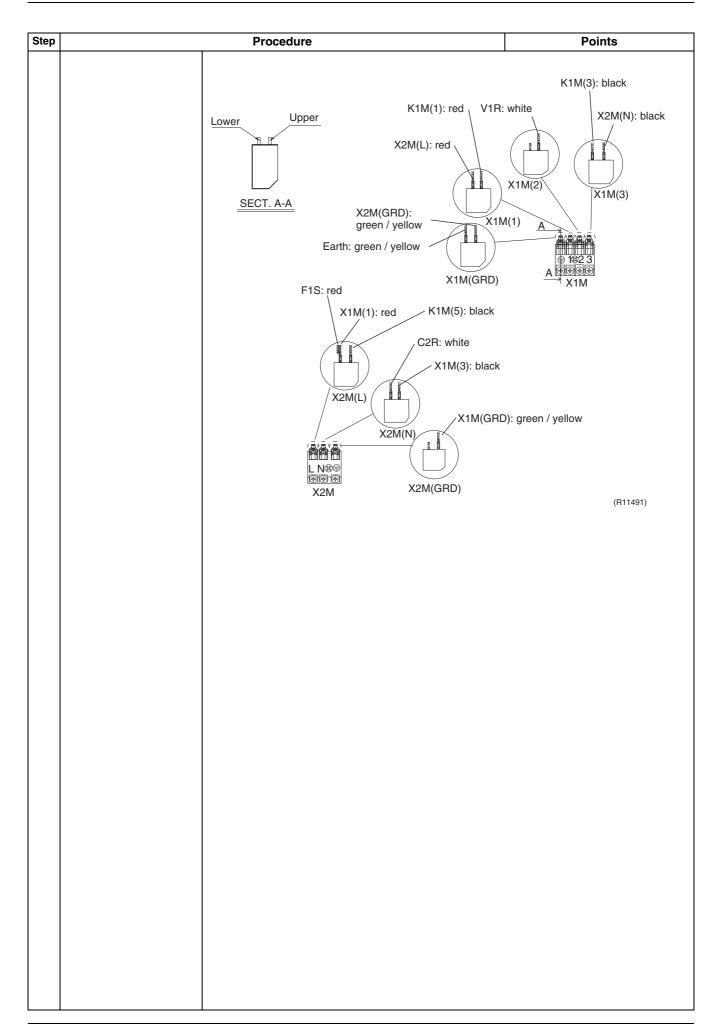
Step **Procedure Points** 1. Remove the electrical **Preparation** Remove the top panel. component ASSY. ■ Disconnect the connector for Lift and remove the the fan motor. sound blanket (top). Sound blanket (top) (R11439) Remove the nut and remove the terminal cover. Terminal cover Disconnect the compressor lead wires with a flat screwdriver. S(W) C(U) S(W): Yellow C(U): Blue Compressor/ (R11441) R(V): Red lead wire Lift and remove the Electrical component ASSY electrical component ASSY.







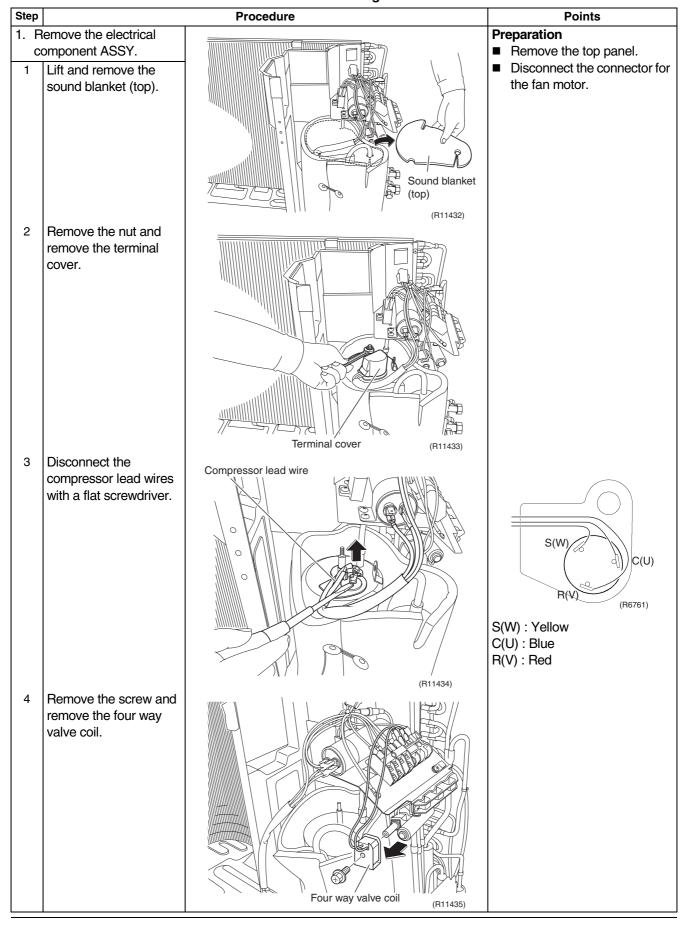


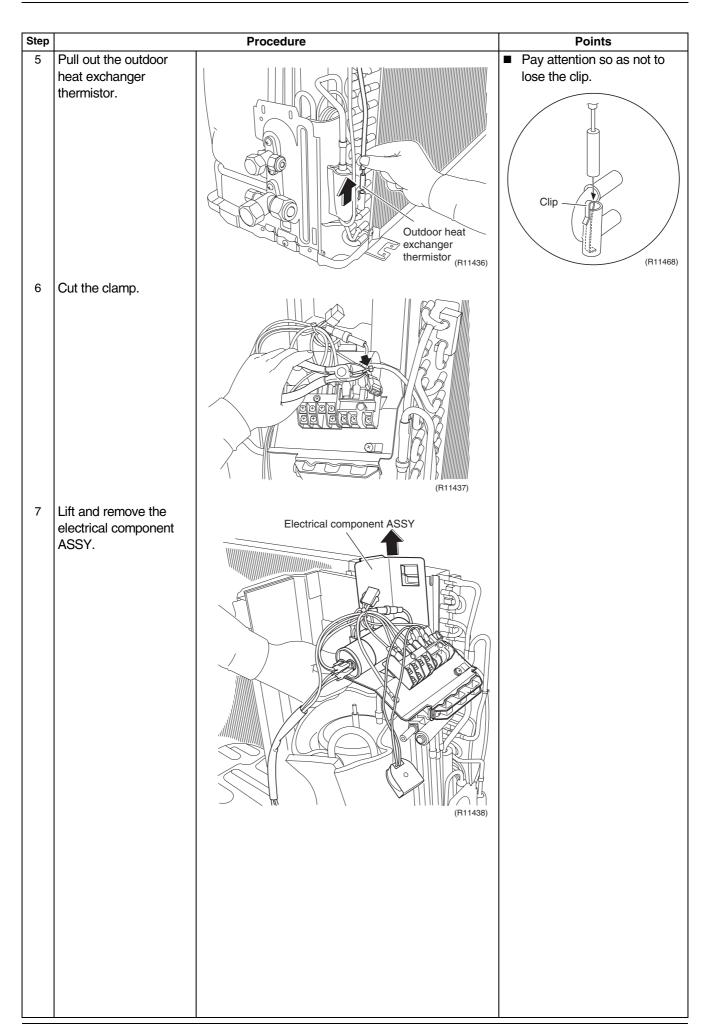


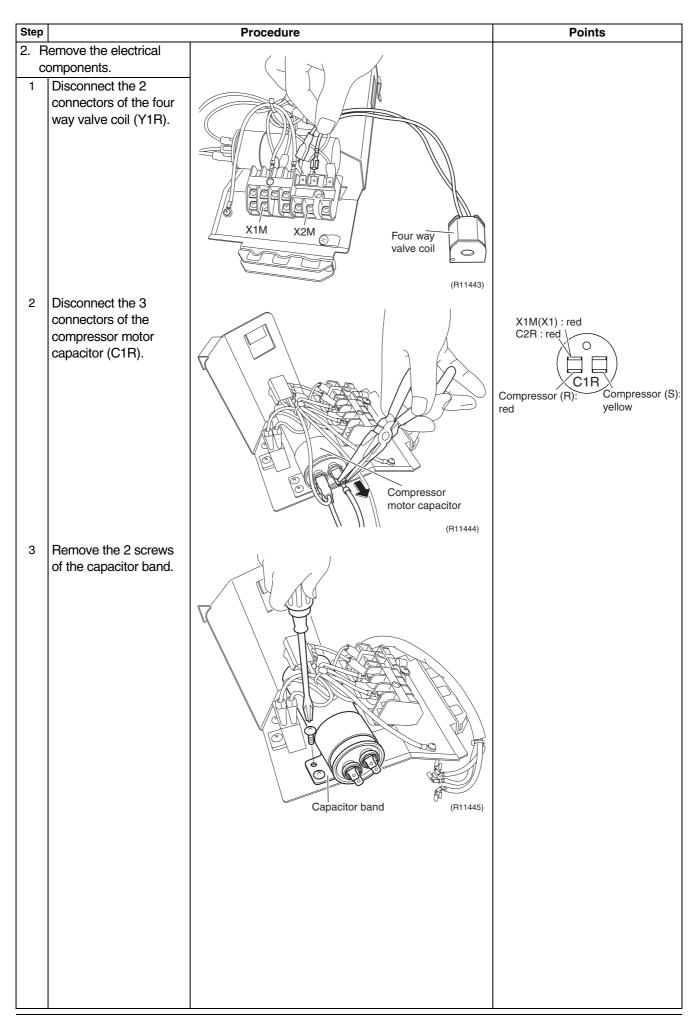
## 3. Removal of Electrical Components (Pattern 2)

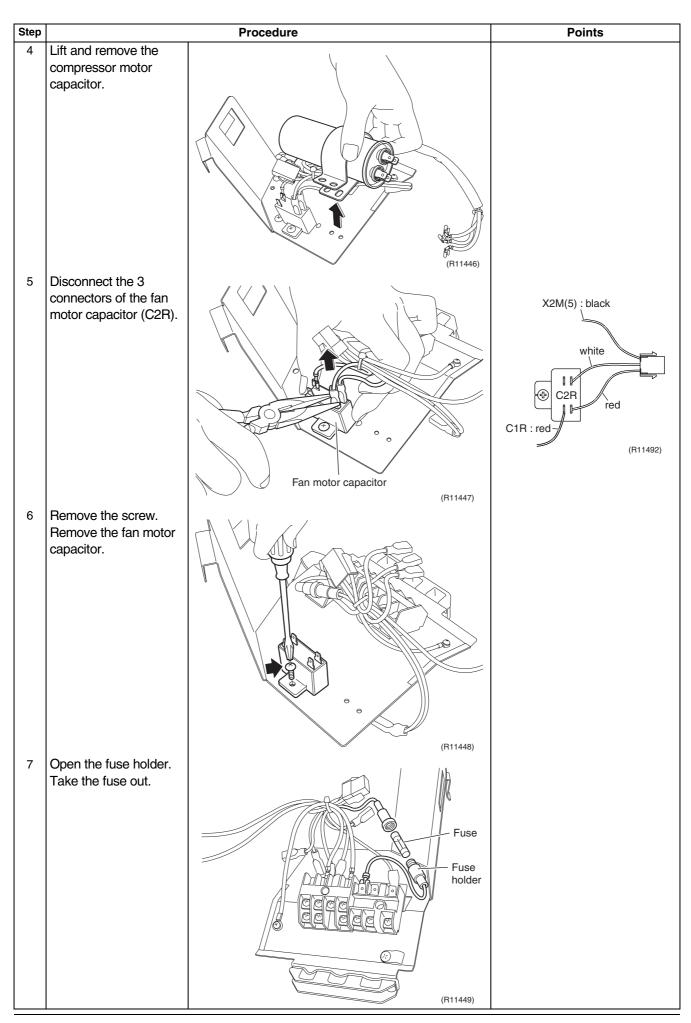
#### **Procedure**

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







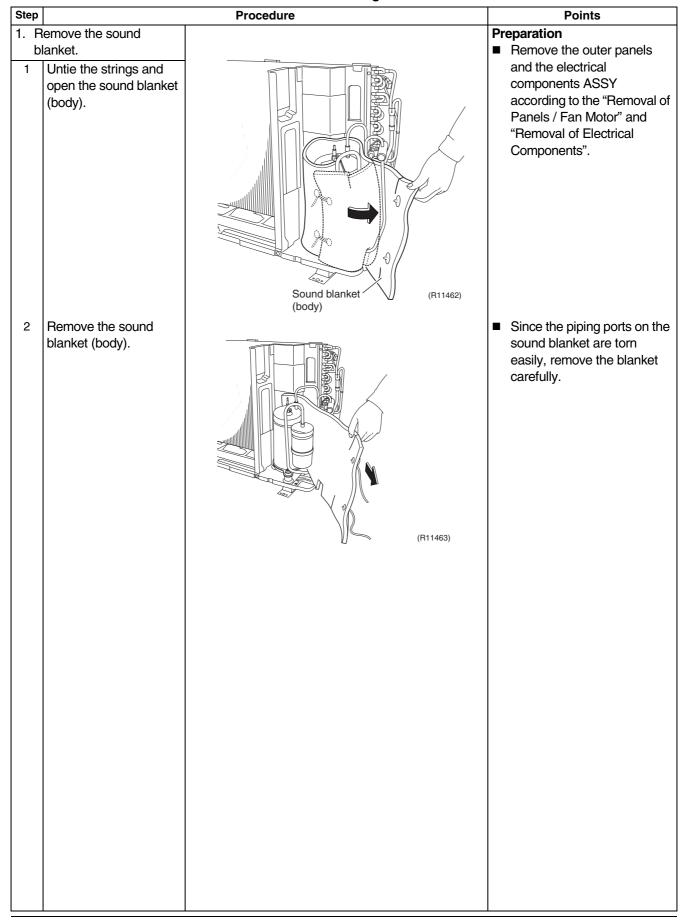


Si01-980 **Removal of Sound Blanket** 

### 4. Removal of Sound Blanket

#### **Procedure**

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



Removal of Compressor Si01-980

### 5. Removal of Compressor

#### **Procedure**

/ Warning

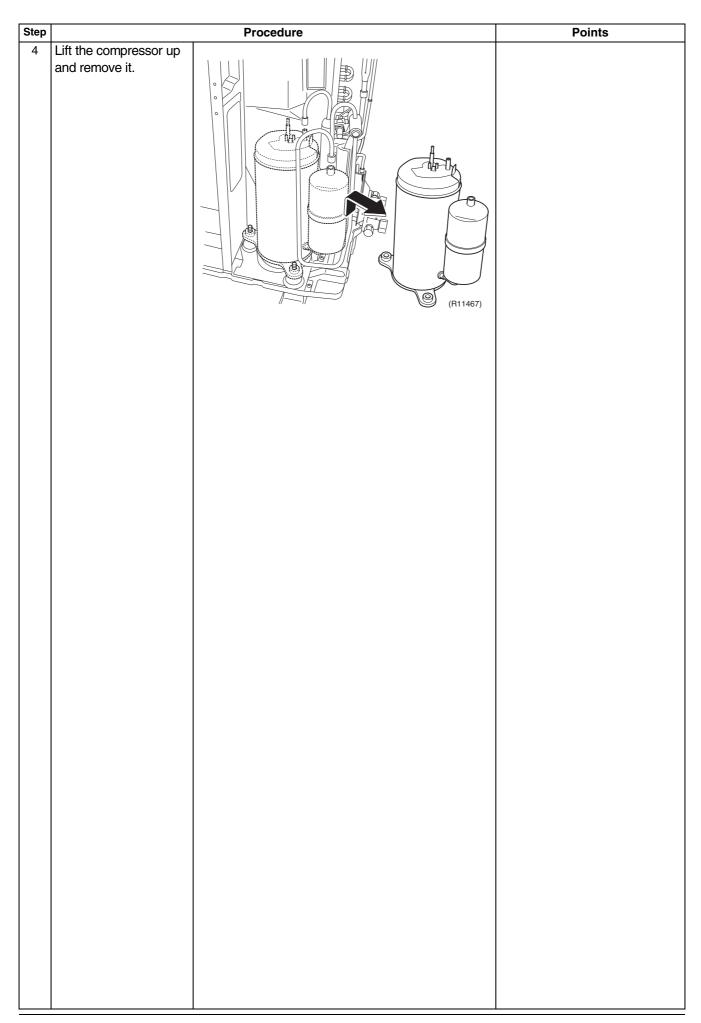
Be sure to wait 10 minutes or more after turning off all power supplies before disassembling work.

**Points** Step **Procedure** 1. Remove the compressor. Compressor Warning Unscrew the 3 nuts of If refrigerant gas leaks during the compressor. the work, ventilate the room. (If the refrigerant gas is exposed to flames, toxic gas Before working, may be generated.) make sure that the Provide a protective sheet or refrigerant is empty a steel plate so that the in the circuit. brazing flame cannot Be sure to apply influence peripheries. nitrogen ■ Be careful so as not to burn replacement when the compressor terminals or heating up the the name plate. brazed part. (R11464) ■ Be careful so as not to burn Heat up the brazed part the outdoor heat exchanger of the discharge side and disconnect. Warning Since it may happen that refrigerant oil in the compressor catches fire, prepare wet cloth so as to extinguish fire immediately. In case of difficulty with gas welding machine 1. Disconnect the brazed part where is easy to disconnect and restore. 2. Cut pipes on the main unit by a tube cutter in order to make it easy to disconnect. Cautions for restoration 1. Restore the piping by nonoxidation brazing. (R11465) 2. It is required to prevent the Heat up the brazed part carbonization of the oil inside of the suction side and the four way valve and the disconnect. deterioration of the gaskets affected by heat. For the sake of this, wrap the four way valve with wet cloth and provide water so that the cloth does not dry and avoid excessive heating. (Keep below 120°C) Note: Do not use a metal saw for cutting pipes by all means because the sawdust comes

20 Removal Procedure

into the circuit.

(R11466)



## **Revision History**

Month / Year	Version	Revised contents
02 / 2013	Si01-980	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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