

Si12-994



7.1/8.0 kW Class 18000 Btu/h Class



Outdoor Unit



Multi Type



Service Manual Removal Procedure

Outdoor Unit

Heat Pump 2MXS18GVJU
3MXS80EV2C
PMXS3GV2C

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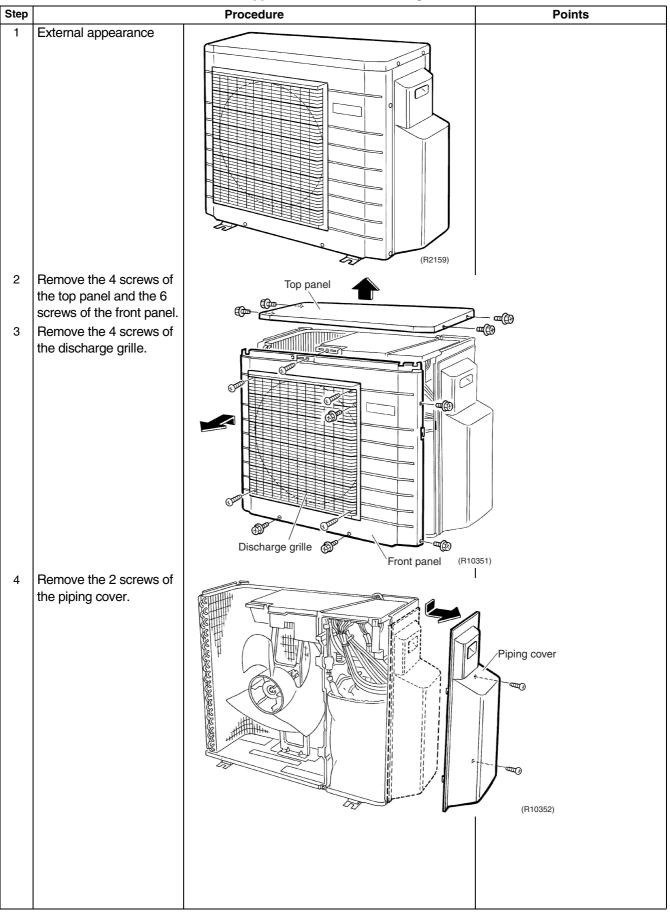
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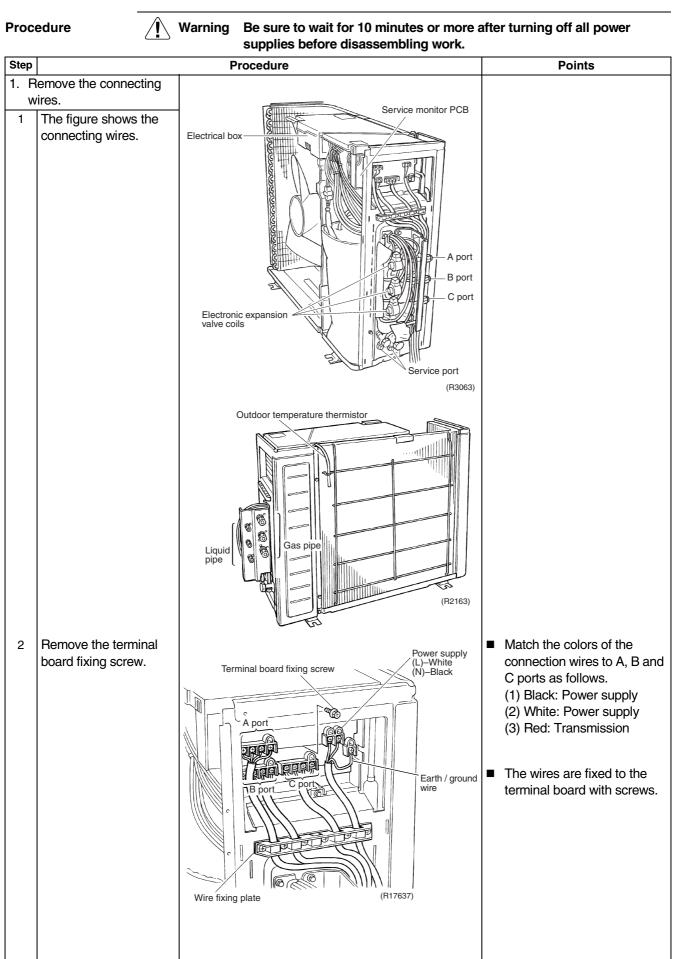
• The illustrations may be slightly different depending on the model.

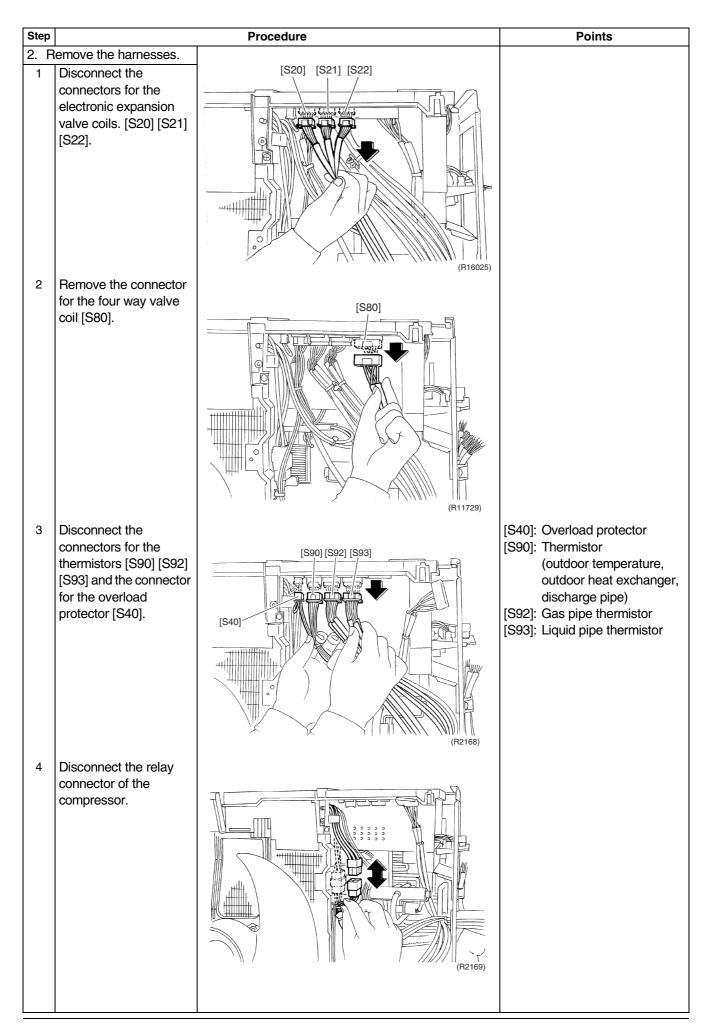
1. Removal of Outer Panels

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

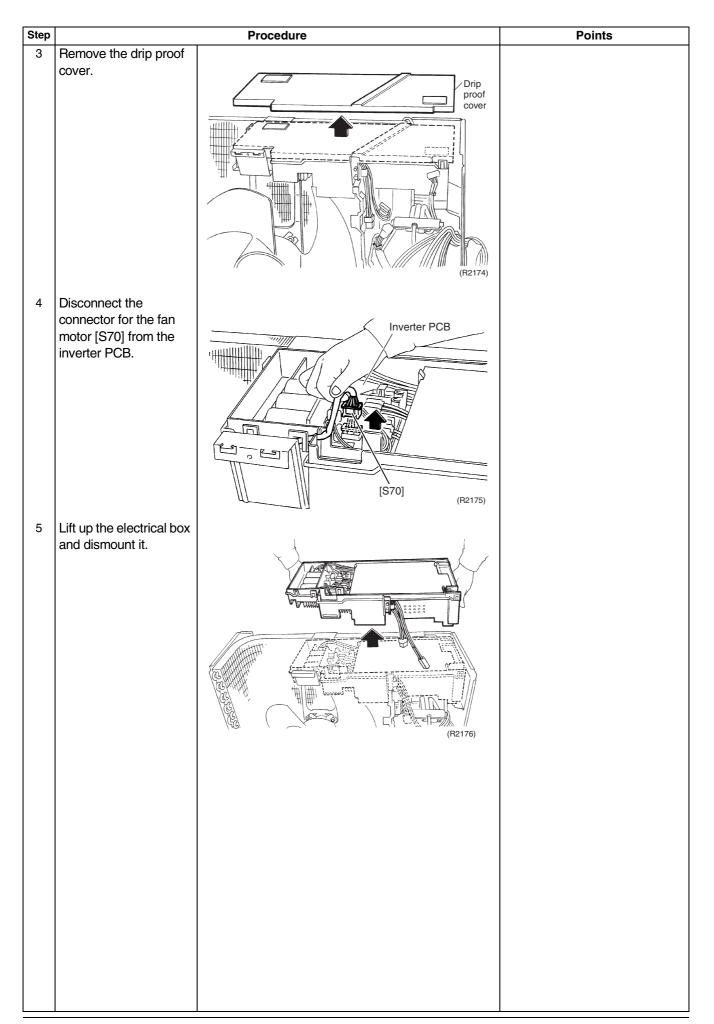


2. Removal of Electrical Box (Pattern 1)

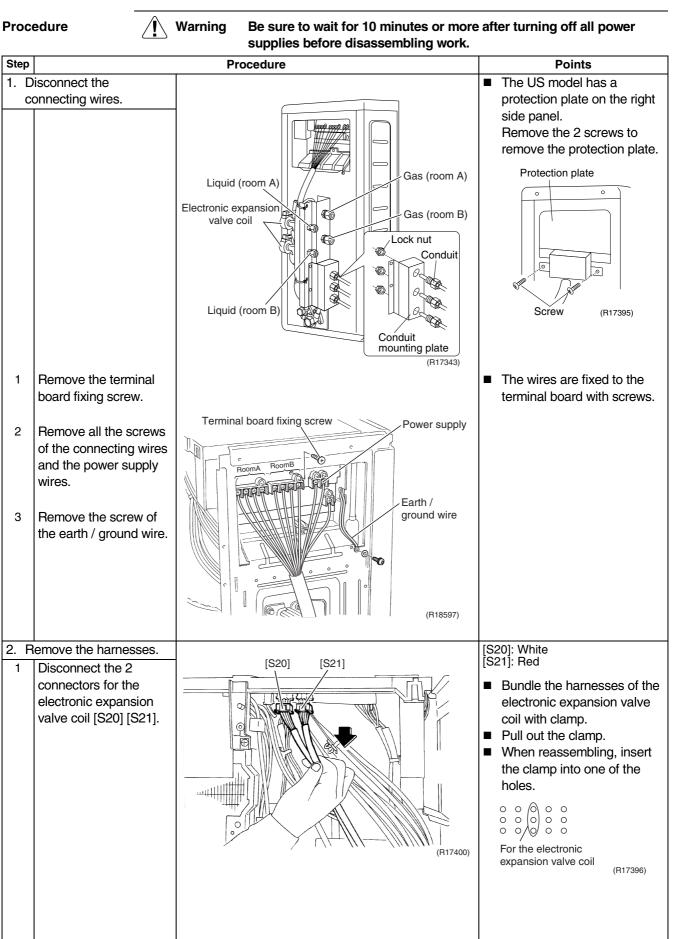


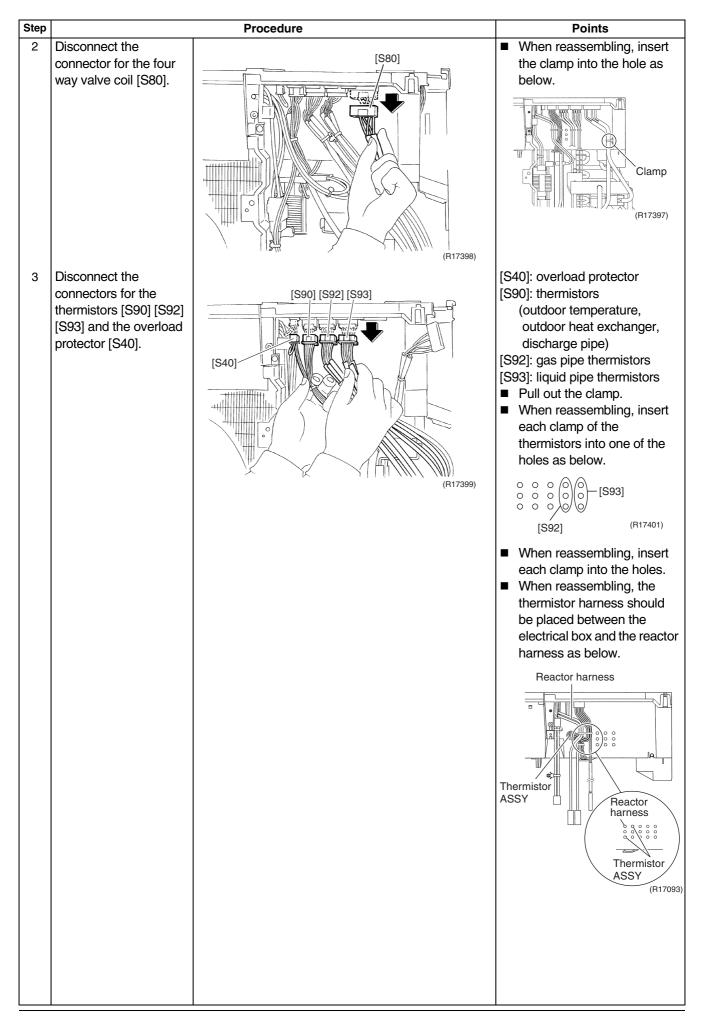


Step		Procedure	Points
5	Remove the reactor lead wires.	Reactor (R2170)	
	emove the wire fixing		
1	ate. Remove the 2 screws of the wire fixing plate.	C C C C C C C C C C C C C C C C C C C	
	emove the electrical ox.		
1	Remove the screw of the electrical box.		
2	Remove the screw of the electrical box.	(P2173)	

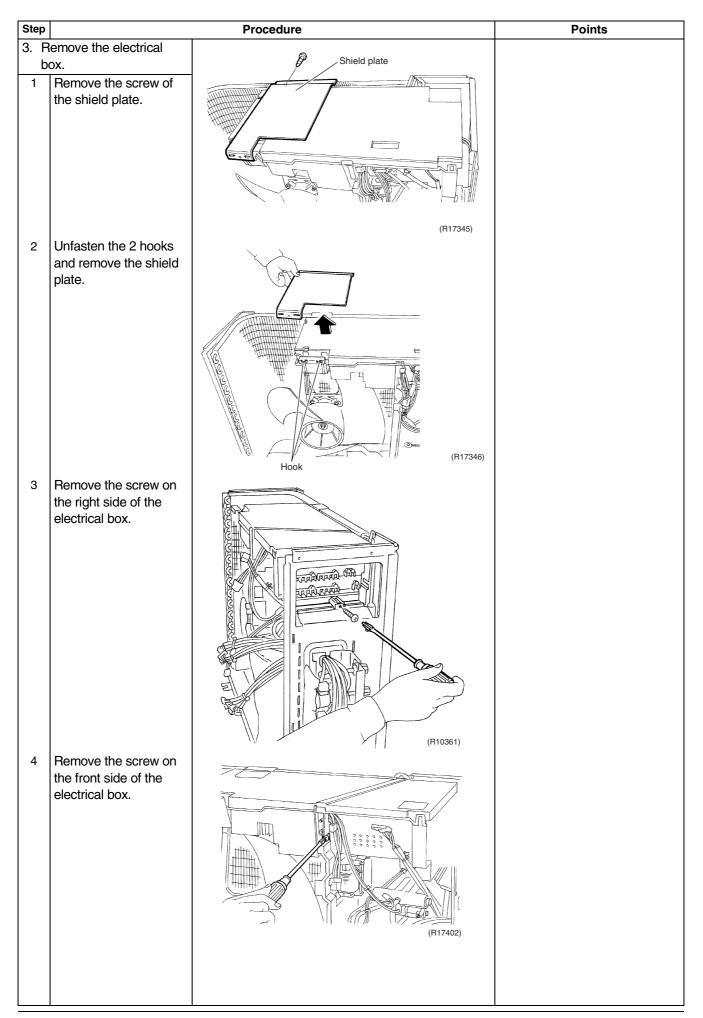


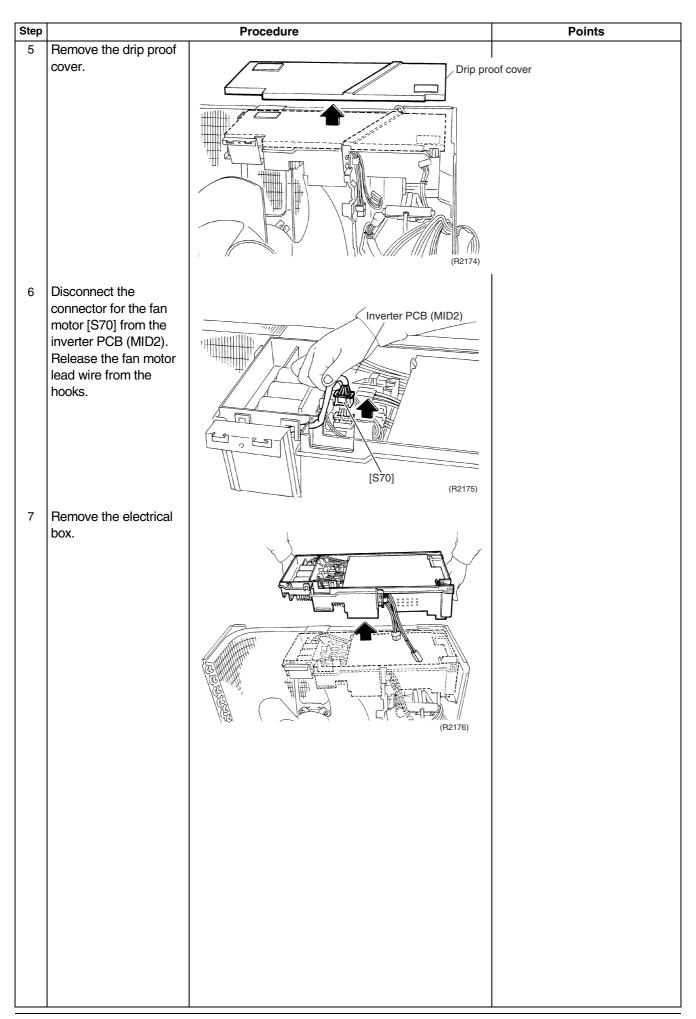
3. Removal of Electrical Box (Pattern 2)





Step		Procedure	Points
4	Disconnect the relay connector of the compressor.	(B17065)	
5	Release the clamp with pliers.	(HT100)	
6	Disconnect the reactor lead wires.		

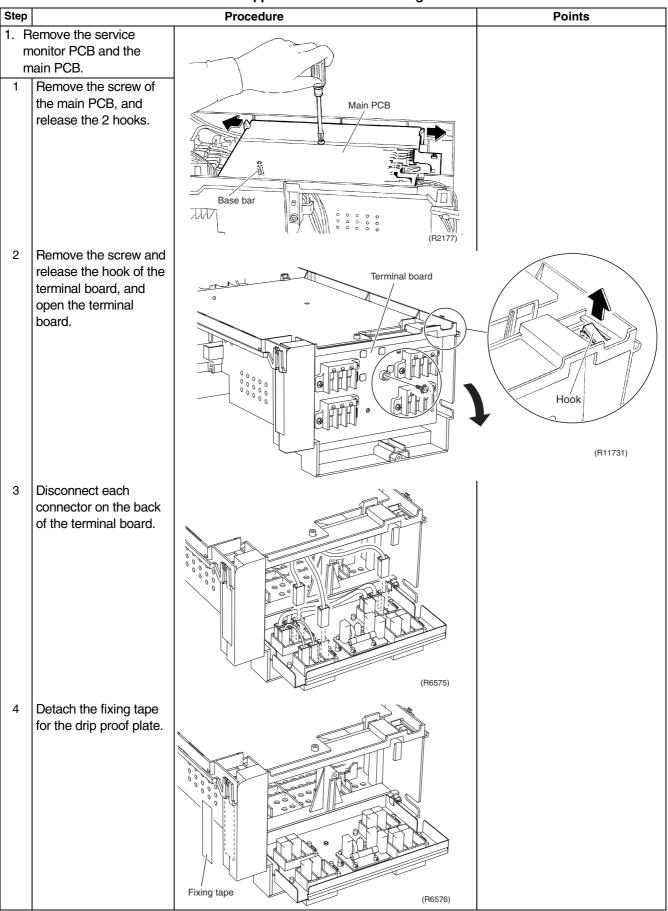


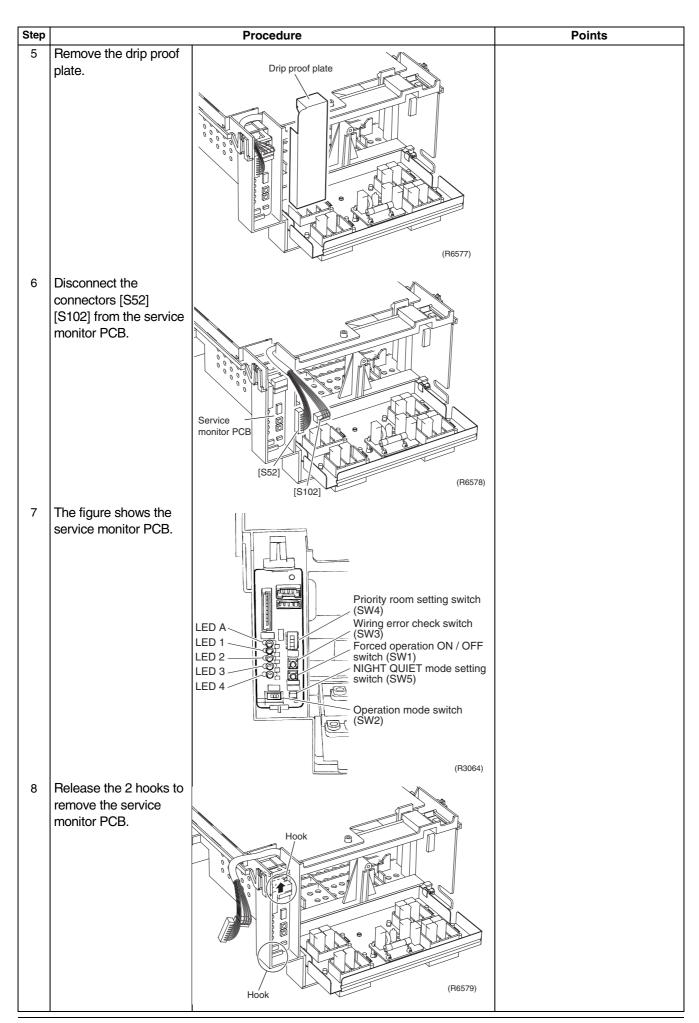


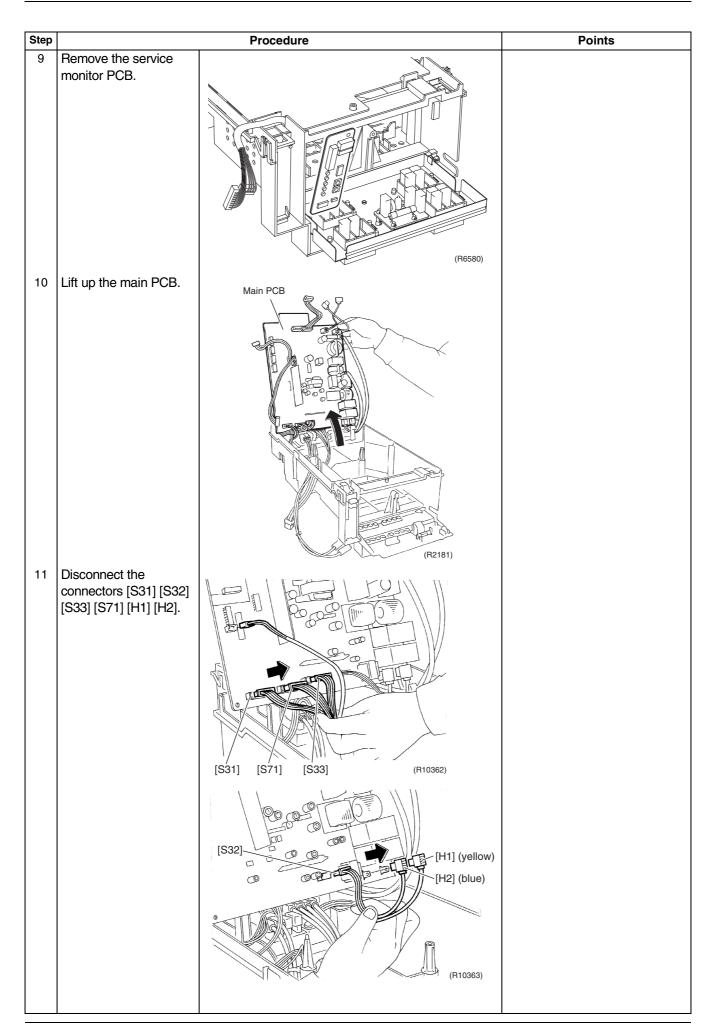
4. Removal of PCBs (Pattern 1)

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



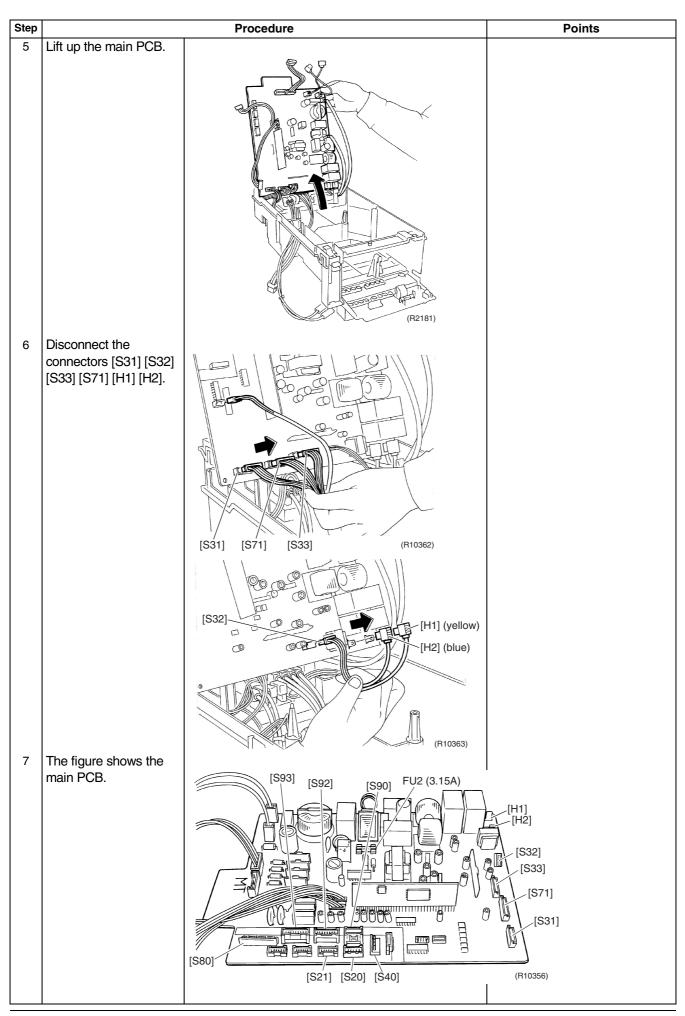


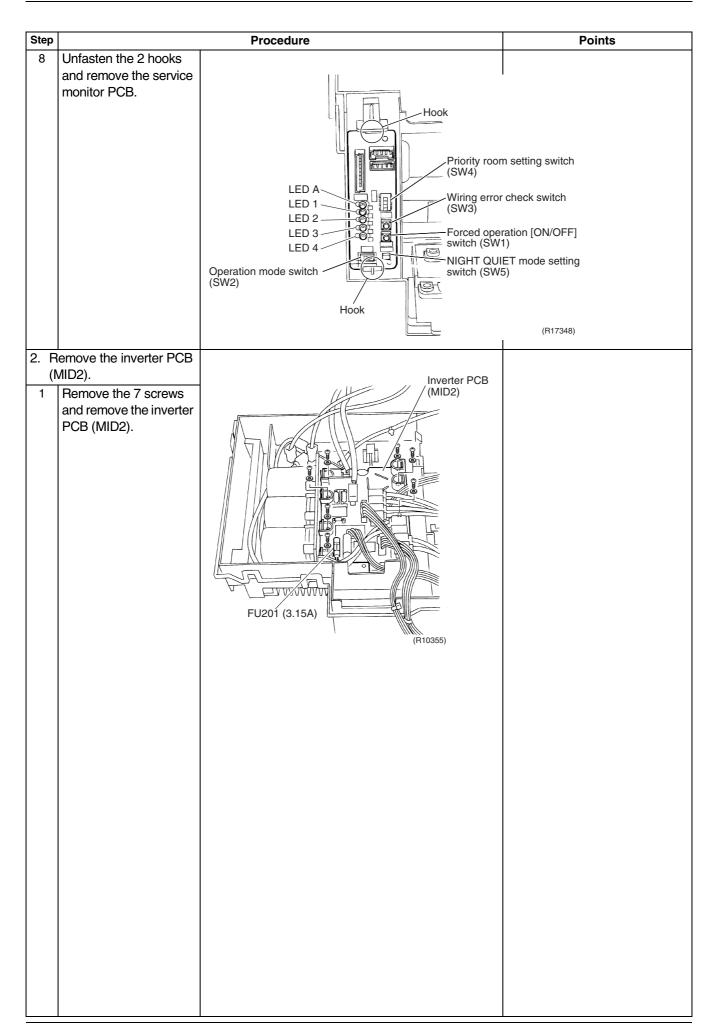


Step		Procedure	Points
12	Disconnect the		
13	connector [E]. The figure shows the	[E] (green/yellow)	
	main PCB.		(R11310)
	emove the inverter PCB /IID2).	Inverter	
1	Remove the 7 screws to remove the inverter PCB (MID2).	Image: Construction of the sector of the	

5. Removal of PCBs (Pattern 2)

Procedure / hWarning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work. Step Procedure Points 1. Remove the service When reassembling, insert monitor PCB and the the base bar into the hole of main PCB. the main PCB. 1 Remove the screw of the main PCB, and Main PCB unfasten the 2 hooks. Base bar M (R2177 2 Unfasten the hook of the terminal board, and open the terminal board. Hook (R2178) 3 Disconnect each connector [S11] [HE] [HL] [HN] on the back of the terminal board. 88 HE] [HL] [HN] [S11] (R17403) 4 Disconnect the [S102] connectors [S52] [S102] from the service monitor PCB. [S52] Service monitor PCB (R17347)

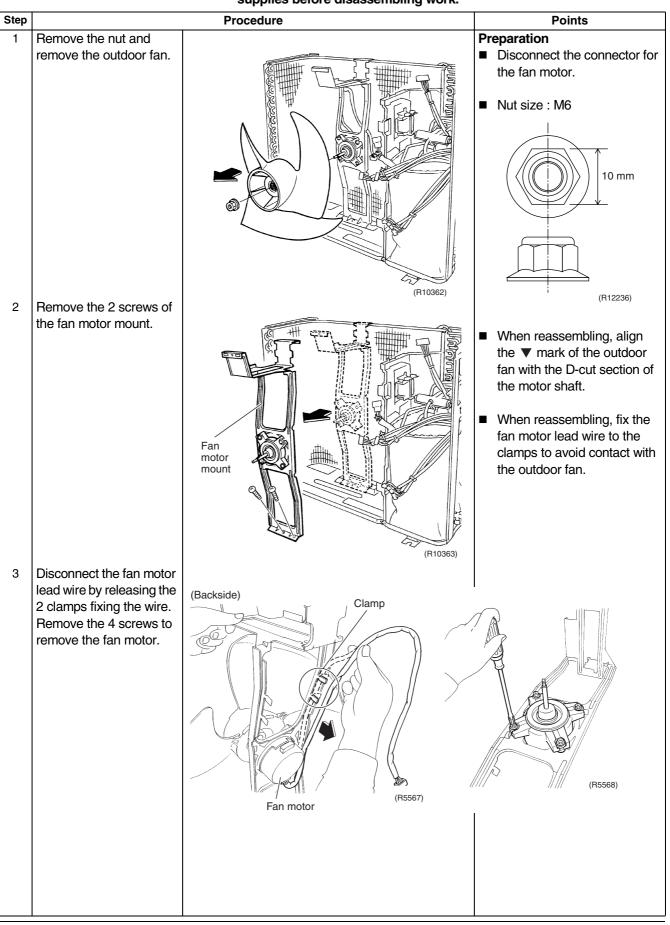




6. Removal of Fan Motor

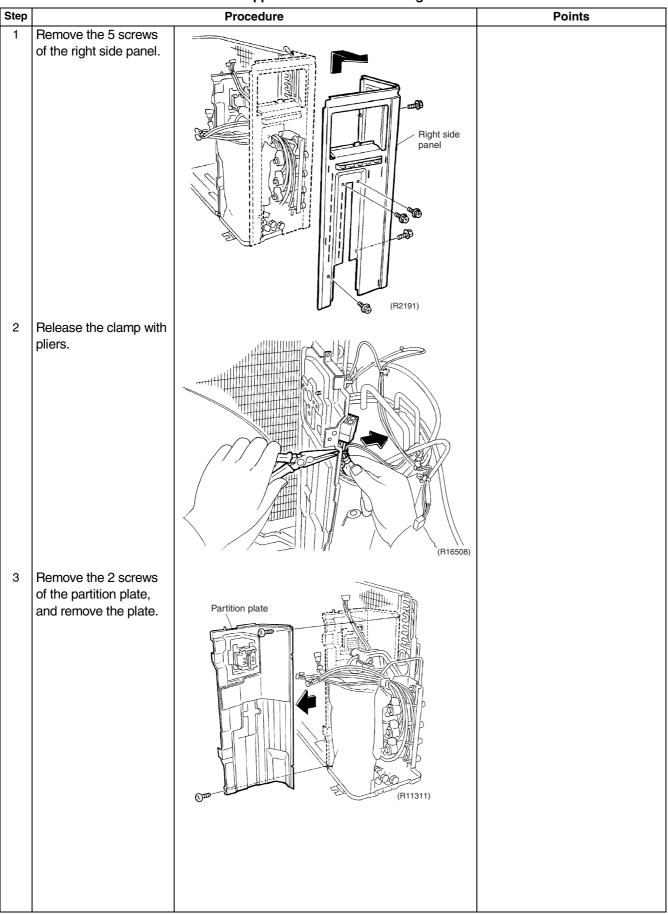
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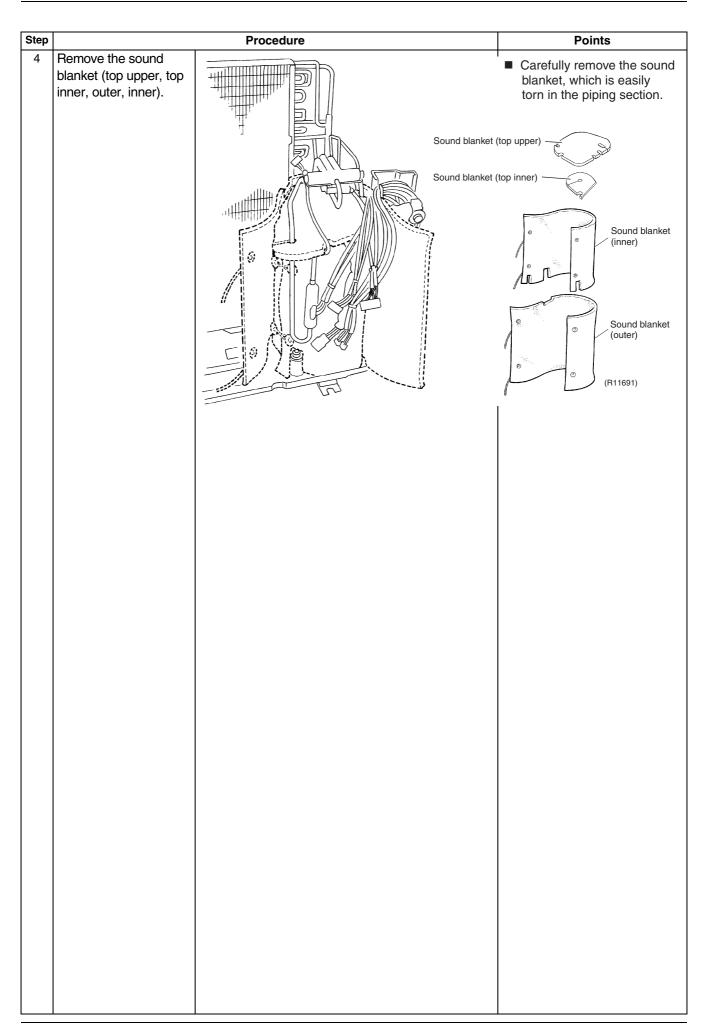
Warning Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.



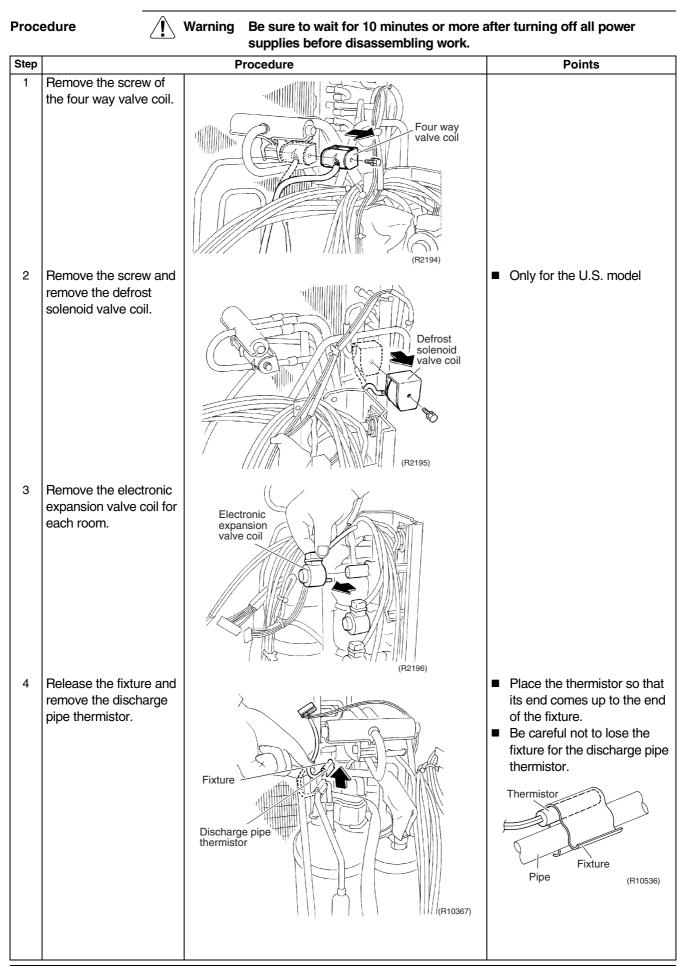
7. Removal of Sound Blankets

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





8. Removal of Coils / Thermistors

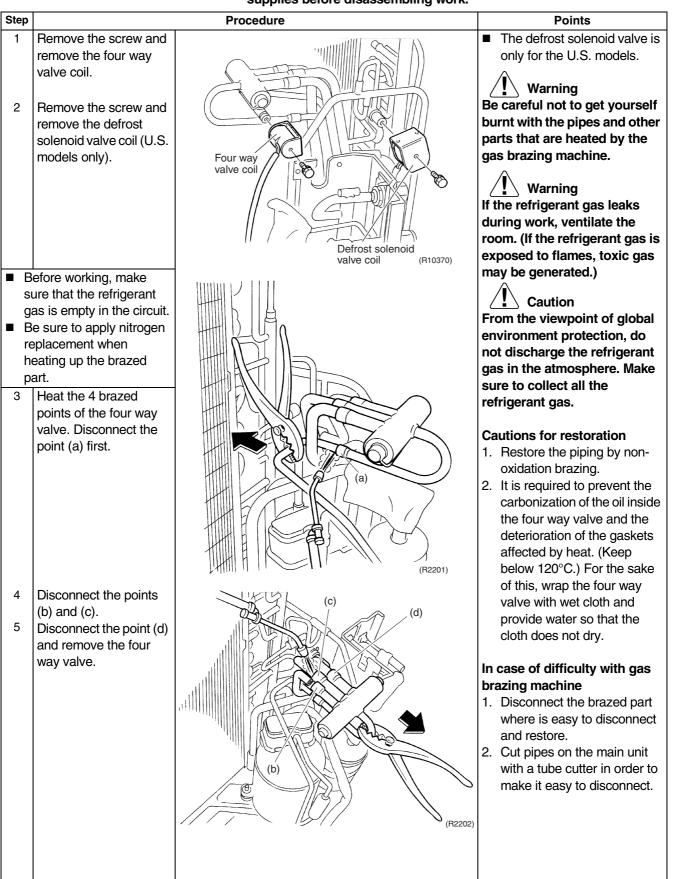


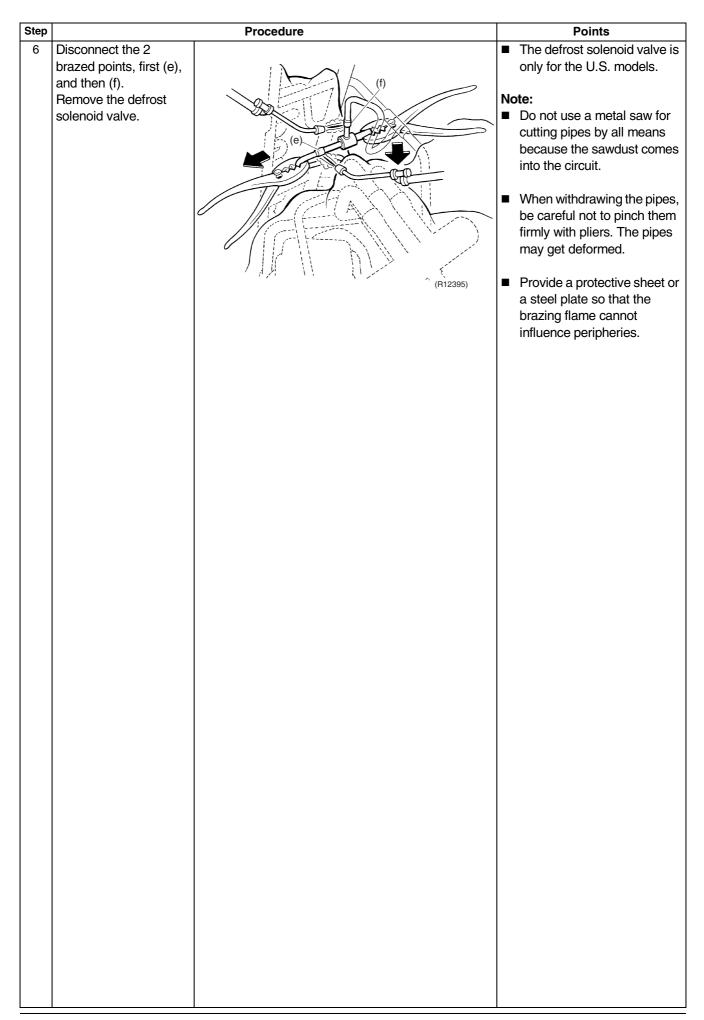
Step		Procedure	Points
5	Peel off the putty and pull out the thermistors.	Gas pipe thermistor Liquid pipe thermistor	 Place the thermistor so that its end comes up to the end of the fixture. Be careful not to lose the clip or fixtures for the liquid and gas pipe thermistor.
6	Remove the wire harness.		 [S90]: Outdoor temperature thermistor (Blue) Outdoor heat exchanger thermistor (Gray) Discharge pipe thermistor (Black) [S92]: Gas pipe thermistor Room A (Black) Room B (Gray) Room C (Brown) [S93]: Liquid pipe thermistor Room A (Black) Room B (Gray) Room C (Yellow)

9. Removal of Four Way Valve / Defrost Solenoid Valve

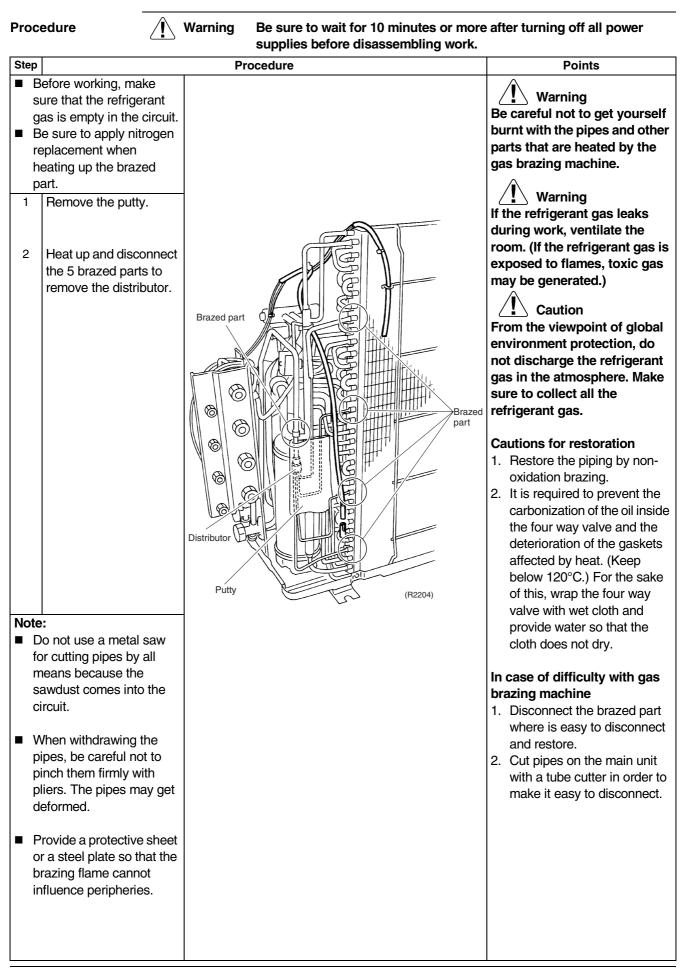
Procedure

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





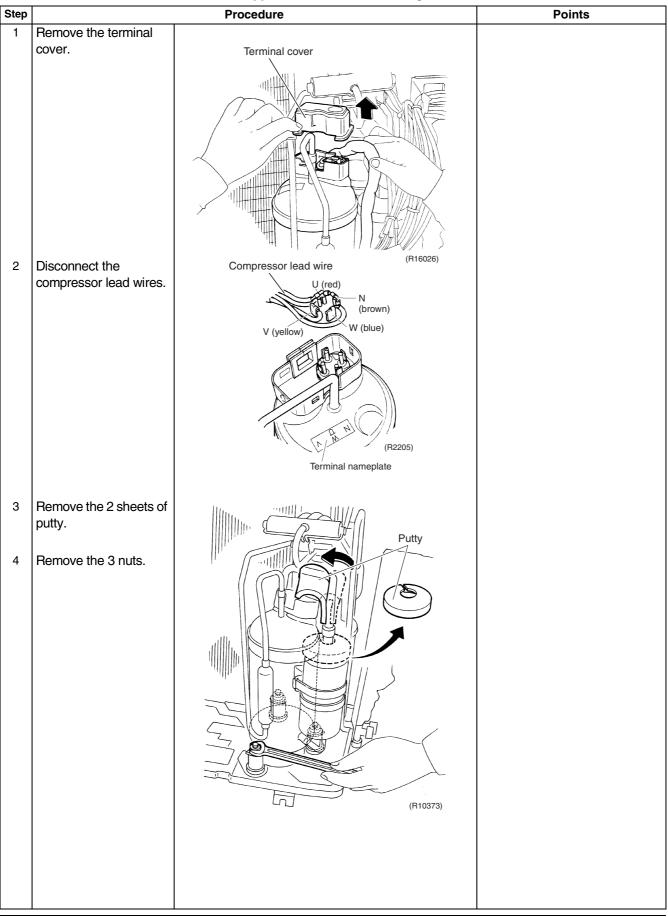
10.Removal of Distributor

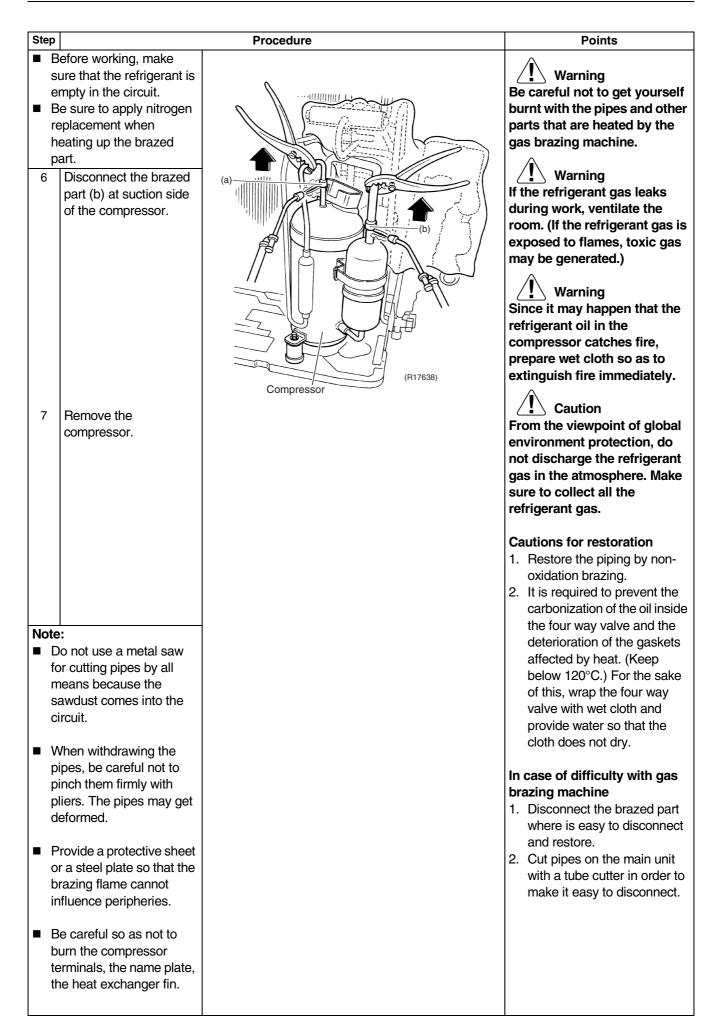


11.Removal of Compressor

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





Revision History

Month / Year	Version	Revised contents
02 / 2013	Si12-994	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.

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