






Si211310E

# REMOVAL PROCEDURE



S E R V I C E M A N U A L

## 3/4/5 HP Class

-  Indoor Unit
-  Non-Inverter
-  Pair Type



# **Service Manual Removal Procedure**

## **Indoor Unit**

### **Applicable Models**

#### **●Heat Pump**

**FVY71LVE**

**FVY100LVE**

**FVY125LVE**

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# 1. Procedure to Remove Suction Grille and Air Filter

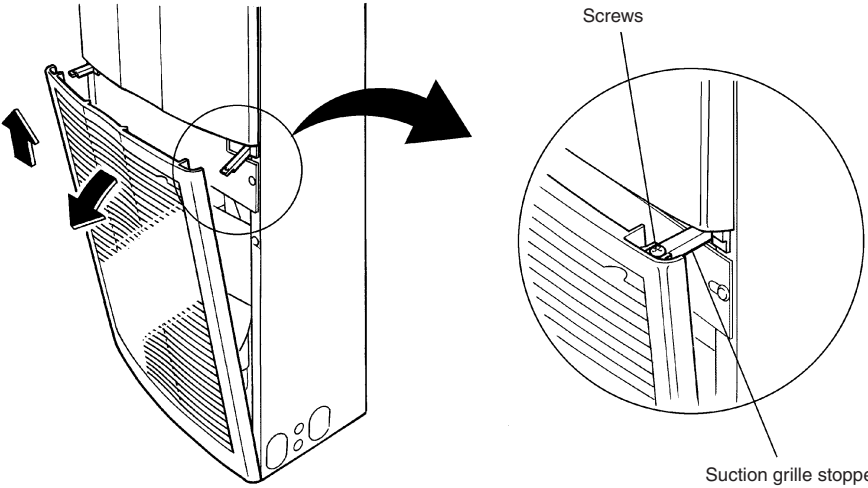
**Procedure**



**Warning**

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

Step	Procedure	Points
Removing air filter		
1	Pull tabs of suction grille to open the grille slightly.	
2	Lift up air filter.	

Step	Procedure	Points
Removing suction grille		
<ol style="list-style-type: none"> <li data-bbox="153 253 185 275">1</li> <li data-bbox="153 421 185 443">2</li> </ol>	<p data-bbox="201 253 464 383">Remove 2 fixing screws located at both left and right sides of suction grille.</p> <p data-bbox="201 421 464 517">Open widely and lift suction grille to remove it.</p> 	

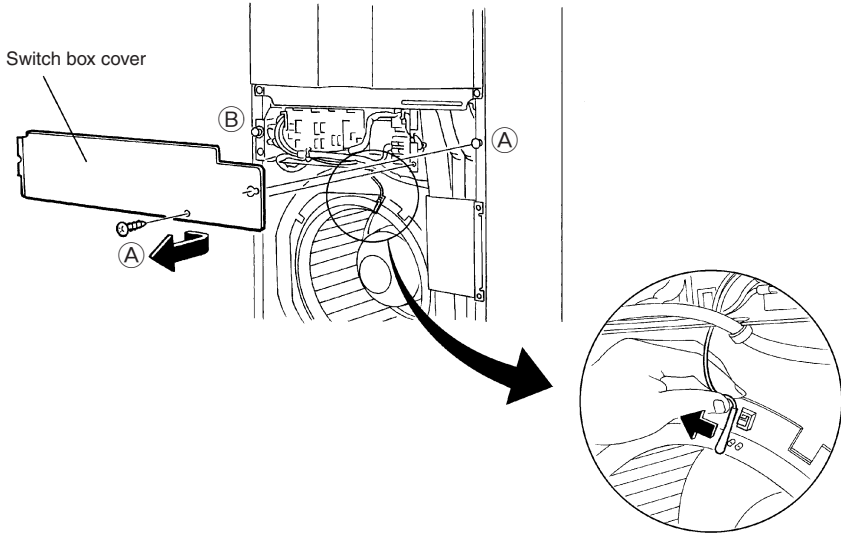
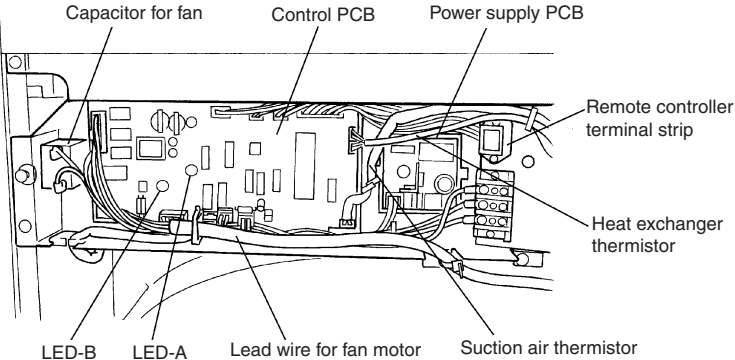
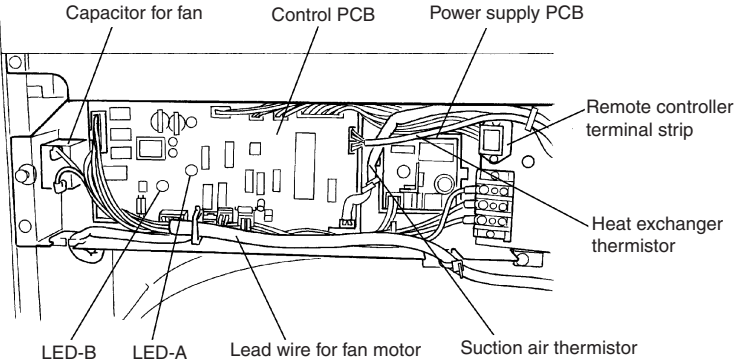
## 2. Procedure to Remove Electric Parts and Remote Controller

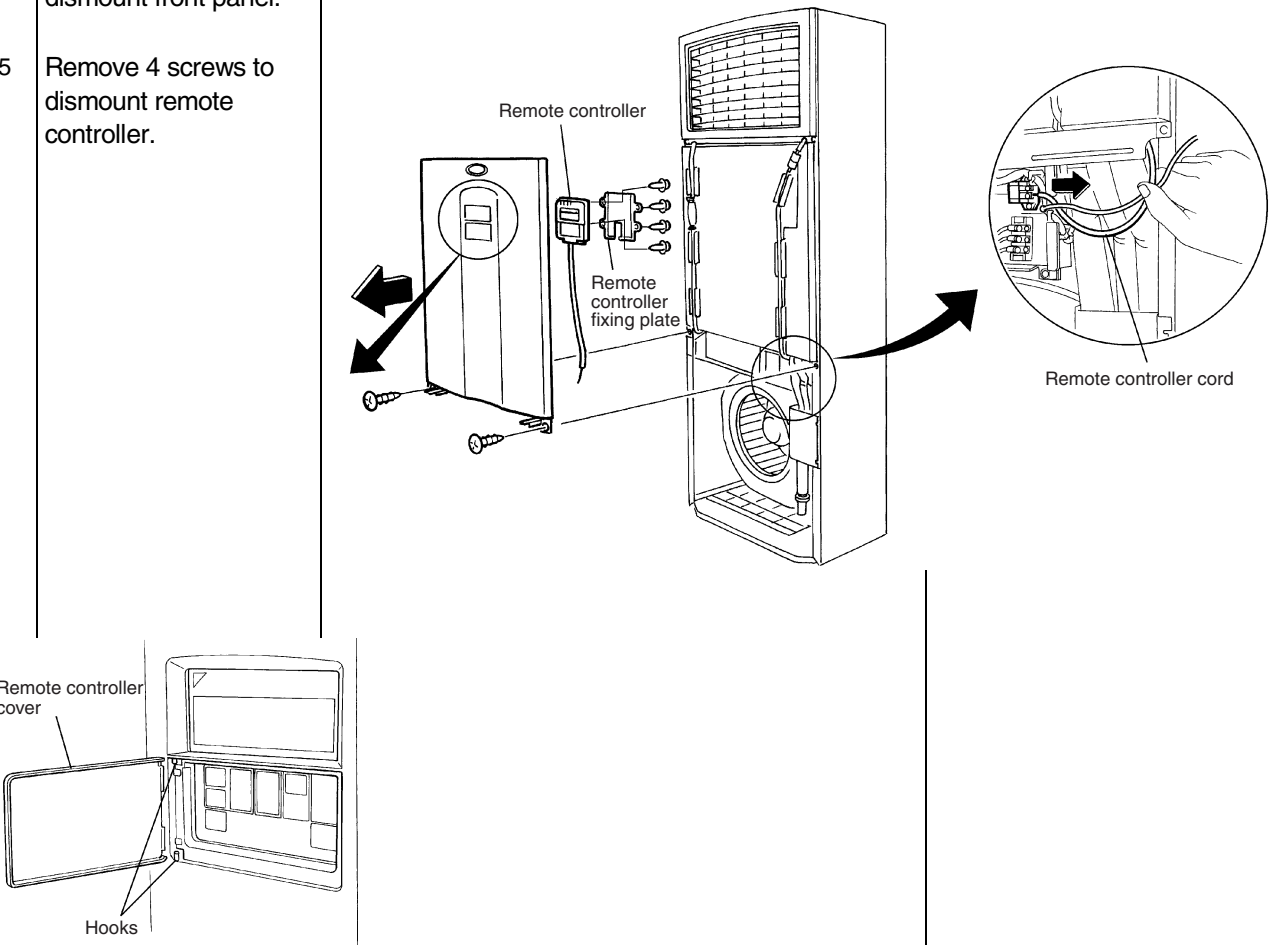
**Procedure**



**Warning**

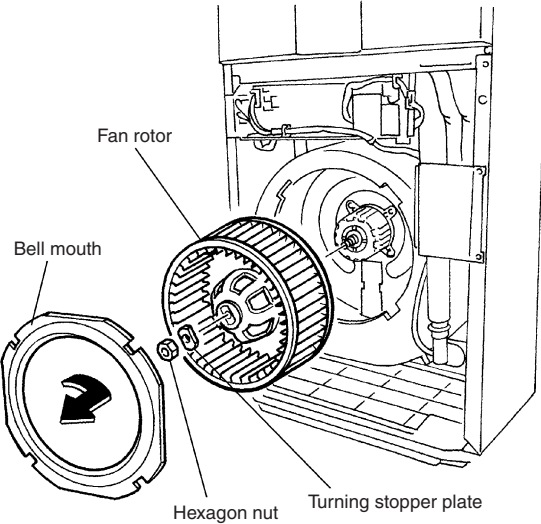

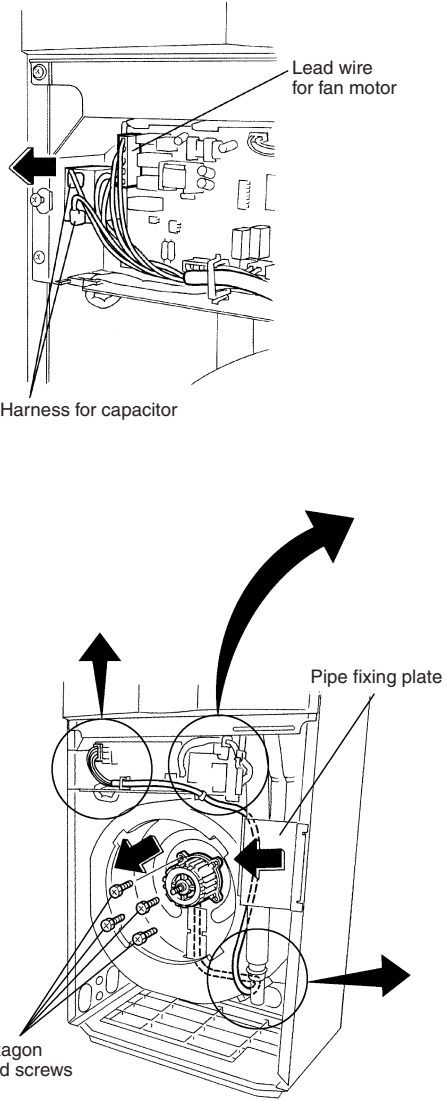
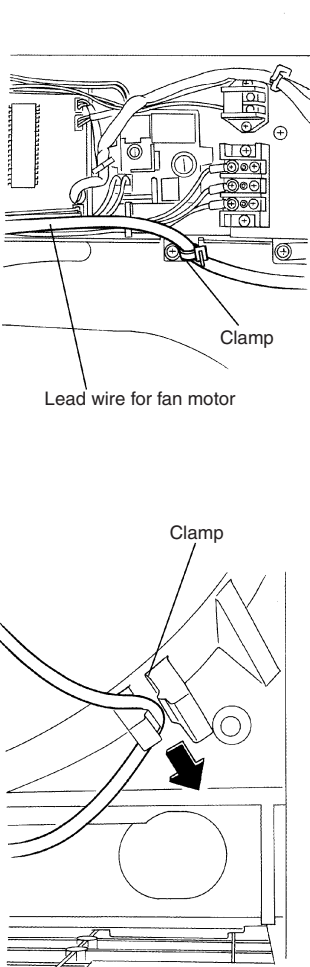
Be sure to wait for 10 minutes or more after turning off all power supplies before disassembling work.

Step	Procedure	Points
1	<p>To remove switch box cover, dismount screw (A), loosen screw (B) and slide the cover to right side. Remove suction air thermistor from bell mouth.</p> 	
2	<p>The figure right shows part layout inside switch box.</p> 	
3	<p>Disconnect remote controller cord from switch box.</p> 	

Step	Procedure	Points
<p>4 Remove 2 screws to dismount front panel.</p> <p>5 Remove 4 screws to dismount remote controller.</p>	 <p>The diagram illustrates the removal process. On the left, a front panel is shown being detached from the main unit. In the center, a remote controller is shown being removed from its 'Remote controller fixing plate' on the back of the unit. A 'Remote controller cord' is also shown. On the right, a circular inset shows a hand pulling the remote controller cord away from the unit's internal wiring. Below the main diagram, a separate view shows the 'Remote controller cover' and 'Hooks' that hold it in place.</p>	

### 3. Procedure to Remove Fan Rotor and Fan Motor

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

Step	Procedure	Points
<b>Removing fan rotor</b>		
<ol style="list-style-type: none"> <li>1 Turn bell mouth in CW to remove it.</li> <li>2 Remove hexagon nut and turning stopper plate to disassemble fan rotor.</li> </ol>	 <p style="text-align: center;">Fan rotor Bell mouth Hexagon nut Turning stopper plate</p>	 <b>Caution</b> When reassembling be sure to clamp wires.
<b>Removing fan motor</b>		
<ol style="list-style-type: none"> <li>1 Disconnect lead wire for fan motor and harness for capacitor from switch box.</li> <li>2 To dismount pipe-fixing plate, remove a screw and slide the plate to left side.</li> <li>3 To remove wire-fixing plate, remove 2 screws and slide the plate upward.</li> <li>4 Remove 4 hexagon head screws to dismount fan motor.</li> </ol>	 <p style="text-align: center;">Lead wire for fan motor Harness for capacitor Pipe fixing plate Hexagon head screws</p>	 <p style="text-align: center;">Clamp Lead wire for fan motor</p>



# 4. Procedure to Remove Swing Motor

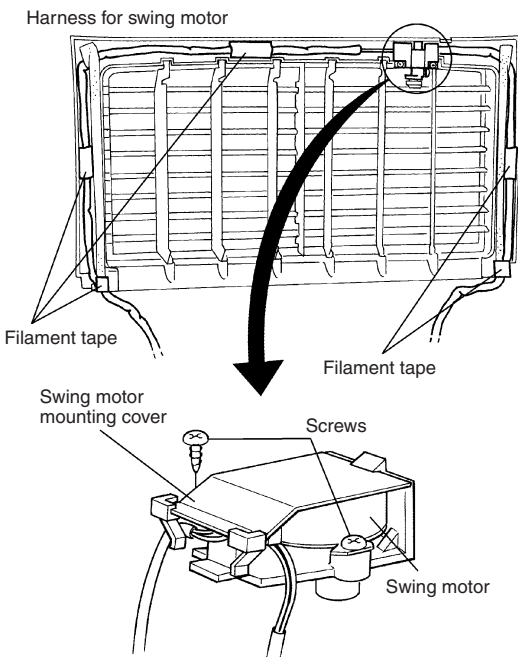
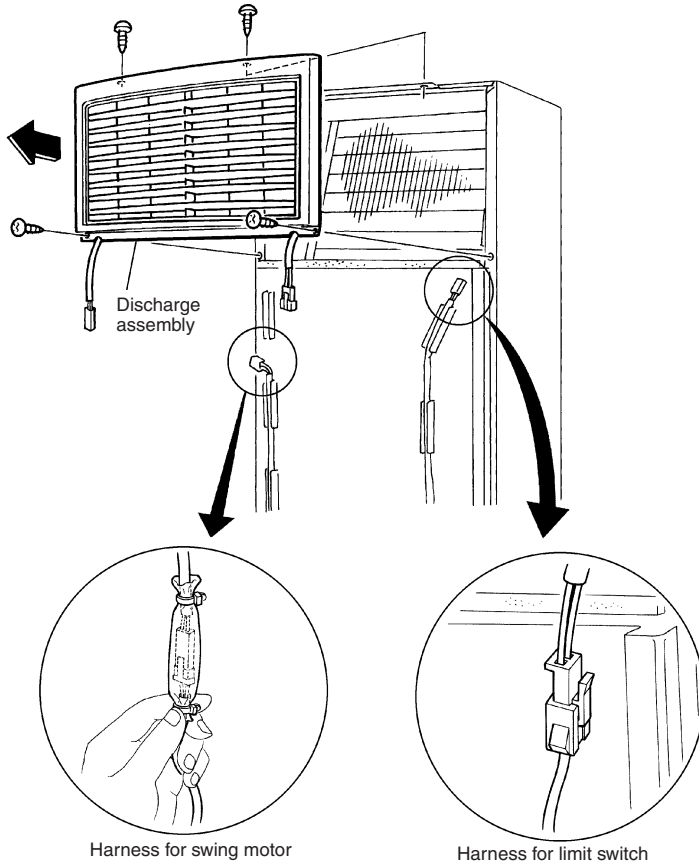
**Procedure**



**Warning**

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

Step	Procedure	Points
1	Disconnect harness for swing motor and one for limit switch at connector section.	
2	Remove 4 screws to dismount discharge assembly.	
3	Remove 2 screws to dismount swing motor assembly.	
4	Disengage hooks on swing motor mounting plate cover and remove 2 screws. Then, remove swing motor.	



**Caution**  
 \* 2 of 8 horizontal blades located at top and bottom position can be moved by hand individually, while rest 6 blades are linked to move by hand at the same time.

# 5. Procedure to Remove Heat Exchanger

**Procedure**



**Warning**

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

Step	Procedure	Points
Removing switch box		
1	Disconnect connector for swing motor and one for limit switch.	
2	Remove heat exchanger thermistor from PCB.	
3	Remove 3 mounting screws to dismount switch box and air partition plate.	
Removing top panel		
1	Remove 8 screws to dismount top panel. (6 screws are used for model J56 to J80.)	<p data-bbox="1107 1489 1422 1608"> <b>Caution</b>                      * Be sure to remove heat exchanger before cleaning it.                 </p>
Removing heat exchanger		
1	Remove 4 screws to dismount heat exchanger.	

# Revision History

Month / Year	Version	Revised contents
06 / 2013	Si211310E	First edition

Warning



- 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.
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- 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

Organization:  
DAIKIN INDUSTRIES, LTD.  
AIR CONDITIONING MANUFACTURING DIVISION

Scope of Registration:  
THE DESIGN/DEVELOPMENT AND MANUFACTURE OF  
COMMERCIAL AIR CONDITIONING, HEATING, COOLING,  
REFRIGERATING EQUIPMENT, HEATING EQUIPMENT,  
RESIDENTIAL AIR CONDITIONING EQUIPMENT, HEAT  
RECLAIM VENTILATION, AIR CLEANING EQUIPMENT,  
COMPRESSORS AND VALVES.



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



EC99J2044

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