

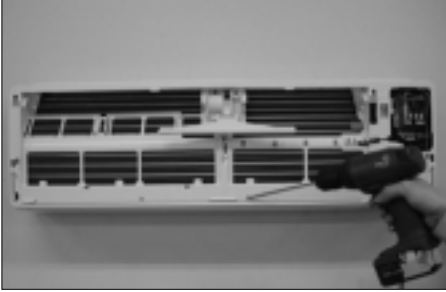
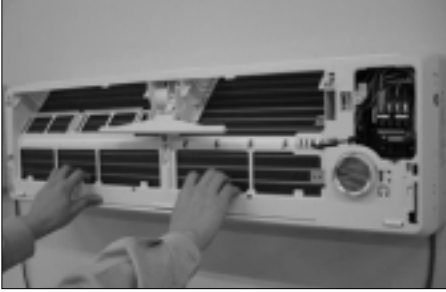
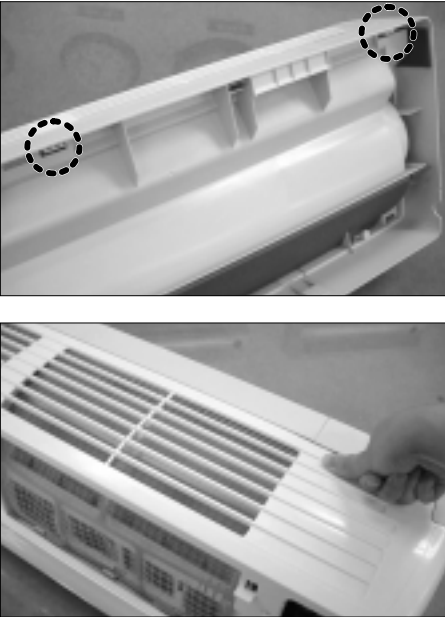
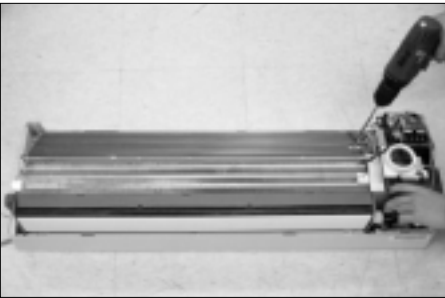



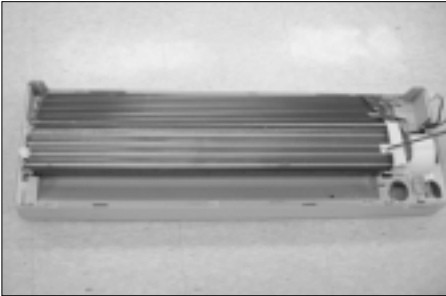

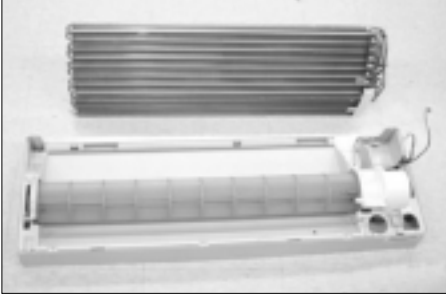
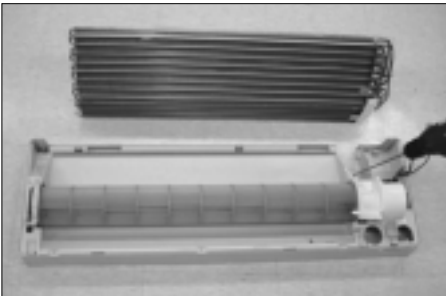

## 3. Disassembly and Reassembly

Stop operation of the air conditioner and remove the power cord before repairing the unit.






### 3-1 Indoor Unit




No	Parts	Procedure	Remark
1	Front Panel	<ol style="list-style-type: none"> <li>1) Stop the air conditioner operation and block the main power.</li> <li>2) Separate tape of Front Panel upper.</li>   <li>3) Slide the lower Front Grille down, then disassemble it by pulling it forwards.</li> <li>4) Open the upper Front Grille by pulling right and left sides of the Grille.</li> <li>5) Take the left and right Filter out.</li> <li>6) Loosen one of the right screw and detach the Terminal Cover.</li> <li>7) Detach the thermistor from the Front Grille.</li>   <li>8) Loosen 5 fixing screws of Front Grille.</li>   <li>9) Pull the lower left and right of discharge softly for the outside cover to be pulled out.</li> </ol>	   

No	Parts	Procedure	Remark
		<p>10) At first, press the left and center hook of the back side of the Panel Grille with the thumb to remove the hook. And press the right of the upper side of the Panel Grille with the fingers. And then disassemble the Panel Grille.</p>	
2	Electrical Parts (Main PCB)	<p>1) Take all the connector of PCB upper side out. (Including Power Cord)                  2) Detach the outdoor unit connection wire from the Terminal Block.                  3) If pulling the main PCB up, it will be taken out.</p>	
3	Tray Drain	<p>1) Pull Tray Drain out from the Back Body.</p>	

No	Parts	Procedure	Remark
4	Heat Exchanger	<ol style="list-style-type: none"> <li>1) Loosen 2 fixing earth screws of right side.</li> <li>2) Detach the Connection Pipe.</li> <li>3) Detach the Holder Pipe at the rear side.</li> <li>4) Loosen 3 fixing screws of right and left side.</li>   <li>5) Detach the Heat Exchanger from the indoor unit.</li> </ol>	  
5	Fan Motor & Cross Fan	<ol style="list-style-type: none"> <li>1) Loosen 2 fixing screws and separate the Motor Holder.</li> <li>2) Loosen 1 fixing screw of Fan Motor. (with a M3 wrench)</li> <li>3) Detach the Fan Motor from the Fan.</li>   <li>4) Detach the Fan from the left Holder Bearing.</li> </ol>	 

## 3-2 Outdoor Unit

No	Parts	Procedure	Remark
1	Common Work	<ol style="list-style-type: none"> <li>1) Loosen 1 fixing screw and detach the Cover Terminal.</li>   <li>2) Loosen 1 fixing screw and detach the Cover Control.</li> <li>3) Detach the connection wire from the Terminal Block.</li>   <li>4) Loosen 13 fixing screws and detach the Cabinet-Front.</li>   <li>5) Loosen 1 fixing screw of Ass'y E-part.</li>   <li>6) Loosen 4 fixing screws and detach the Cabinet-Side.</li> </ol>	    

No	Parts	Procedure	Remark
2	Fan & Motor	<ol style="list-style-type: none"> <li>1) Detach the Nut Flange (Turn to the clockwise).</li> <li>2) Detach the Fan.</li>   <li>3) Loosen 4 fixing screws to detach the Motor.</li> <li>4) Loosen 5 fixing screws and detach the Motor Bracket from the Base.</li> </ol>	 
3	Heat Exchanger	<ol style="list-style-type: none"> <li>1) Loosen 2 fixing screws of left and right side.</li> <li>2) Disassemble the inlet and outlet pipe by welding.</li> <li>3) Detach the Heat Exchanger.</li> </ol>	
4	Compressor	<ol style="list-style-type: none"> <li>1) Open the Terminal Cover of Compressor and unscrew the Connection Terminal.</li> <li>2) Disassemble the inlet and outlet pipe of Compressor by welding.</li> <li>3) Loosen 3 bolts of the lower part.</li> <li>4) Detach the Compressor.</li> </ol>	