






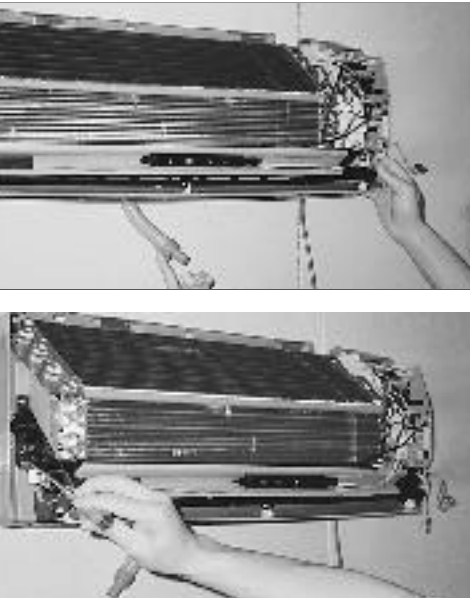
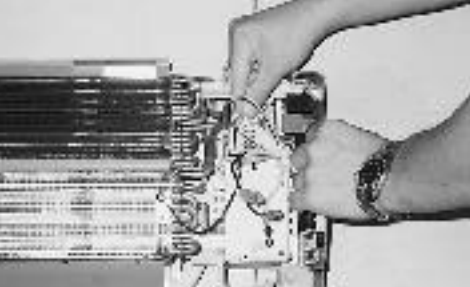
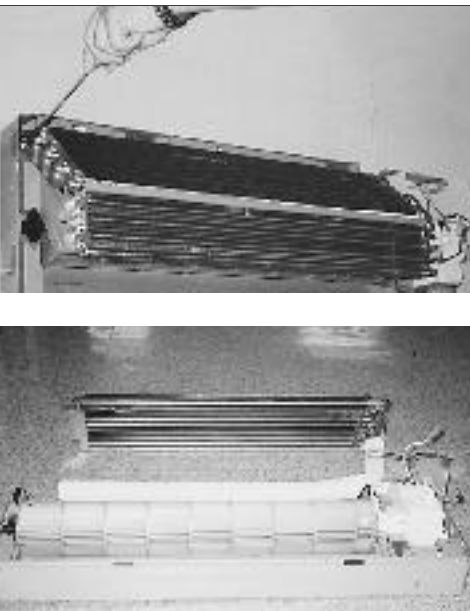
## 4. Disassembly and Reassembly

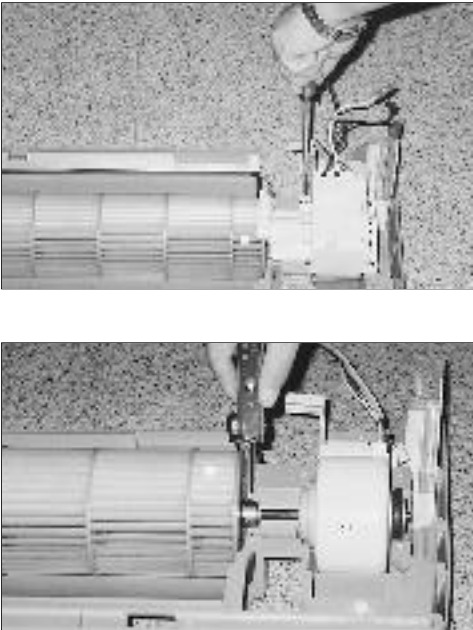
Stop operation of the air conditioner and remove the power cord before repairing the unit.

### 4-1 Indoor Unit

No	Parts	Procedure	Remark
1	Front Grille	<p>1) Stop the air conditioner operation and block the main power.</p> <p>2) Separate tape of front panel upper.</p> <p>3) Contract the second finger to the left, and right handle and pull to open the inlet grille.</p> <p>4) Take the left and right filter out.</p> <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <p>* Take the Deodorizing and Electrostatic filter out. (ONLY "1" and "5" Series models)</p> </div> <p>5) Loosen one of the right fixing screw and separate the terminal cover.</p> <p>6) Loosen three fixing screws of front grille.</p> <p>7) Pull the upper left and right of discharge softly for the outside cover to be pulled out.</p> <p>8) Pull softly the lower part of discharge and push it up.</p> <p><b>Caution;</b> Assemble the front panel and fix the hooks of left and right.</p>	    



Disassembly and Reassembly



No	Parts	Procedure	Remark
2	Ass'y Tray Drain.	<ol style="list-style-type: none"> <li>1) Do "1", above. Separate the drain hose from the extension drain hose.</li> <li>2) Take the display PCB out. (Center of indoor unit)</li> <li>3) Loosen three fixing screws of left and right</li> <li>4) Pull tray drain out from the back body.</li> </ol>	
3	Electrical Parts (Main PCB)	<ol style="list-style-type: none"> <li>1) Do "1", "2", above</li> <li>2) Take all the connector of PCB upper side out. (Inclusion Power cord)</li> <li>3) Separate the outdoor unit connection wire from the terminal block.</li> <li>4) If pulling the Main PCB up, it will be taken out. (Separate the TRANS hook, it before).</li> </ol>	
4	Heat Exchanger	<ol style="list-style-type: none"> <li>1) Do "1" and "2", "3", above</li> <li>2) Loosen two fixing earth screws of right side.</li> <li>3) Separate the connection pipe.</li> <li>4) Separate the bush body at the upper side and holder at the rearside.</li> <li>5) Loosen the two fixing screws of left side.</li> <li>6) Lifting the heat exchanger up a little to push the up side for separation from the indoor unit.</li> </ol>	

No	Parts	Procedure	Remark
5	Fan Motor and Cross Fan	<ol style="list-style-type: none"><li>1) Do "1" "2" "3" "4", above.</li><li>2) Loosen the fixing three screws and separate the motor holder.</li><li>3) Loosen the fixing screw of fan motor. (By use of M3 wrench)</li><li>4) Separate the fan motor from the fan.</li><li>5) Separate the fan from the left holder bearing.</li></ol>	

## 4-2 Outdoor Unit

Take care of the electrical shock by contact on the charging parts before the discharge after power off. (If takes approximately 2minutes to discharge.)

No	Parts	Procedure	Remark
1	Common Work & Ass'y-control Out	<ol style="list-style-type: none"> <li>1) Loosen the fixing screw and separate the Handle-Cabi RH.</li> <li>2) Separate the Cable-Connector Wire from the Terminal-Block.</li> <li>3) Loosen six fixing screws and separate the Cabi-Upper.</li> <li>4) Loosen four fixing screws from the Ass'y-Control Out.</li> <li>5) Separate the Terminal-Housing from the Ass'y-Control Out.</li> <li>6) Separate the Ass'y-Control Out from the outdoor unit.</li> <li>7) Loosen five fixing screws and separate the Cabi-Side.</li> </ol>	   

No	Parts	Procedure	Remark
2	Fan-Motor	<ol style="list-style-type: none"> <li>1) Loosen fixing screw of the Guard-Fan.</li> <li>2) Turn the Guard-Fan to separate from the Cabi-Front.</li>   <li>4) Remove the nut flange (Turn to the right to remove, as it is a left hand screw)</li> <li>5) Separate the fan.</li>   <li>6) Loosen four fixing screws to separate the motor.</li> </ol>	
3	Heat Exchanger	<ol style="list-style-type: none"> <li>1) Do "1", above.</li> <li>2) Loosen four fixing screws of Ass'y-Frame and Partition.</li> <li>3) Disassemble the inlet and outlet pipe by welding.</li> <li>4) Separate the heat exchanger.</li> </ol>	

## Disassembly and Reassembly

No	Parts	Procedure	Remark
4	Compressor	<ol style="list-style-type: none"><li>1) Do "1", above.</li><li>2) Open the terminal cover of compressor and unscrew the connection terminal.</li><li>3) Disassemble the inlet and outlet pipe of compressor by welding.</li><li>4) Disassemble the inlet and outlet pipe of condenser by welding</li> <li>5) Loosen the three bolts of the lower part.</li><li>6) separate the compressor.</li></ol>	 