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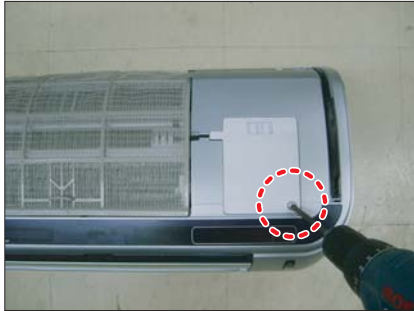



## 3. Disassembly and Reassembly


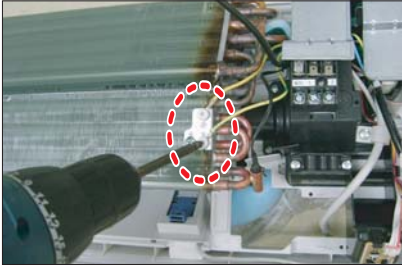
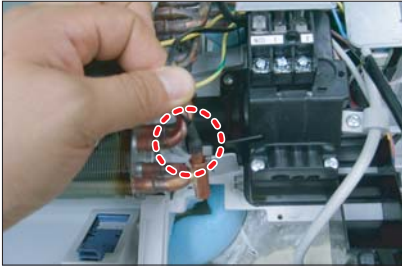

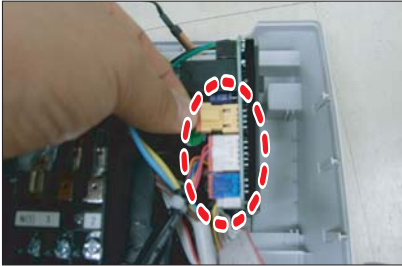

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### ■ Necessary Tools

Item	Remark
+SCREW DRIVER	
MONKEY SPANNER	

### 3-1 Indoor Unit


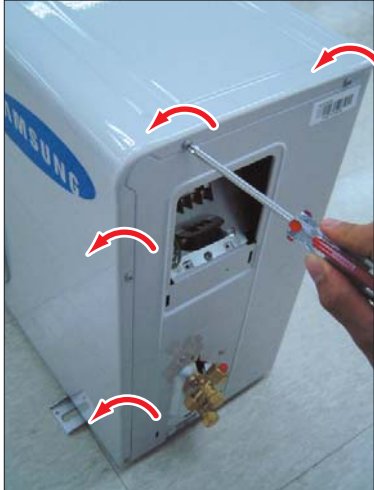
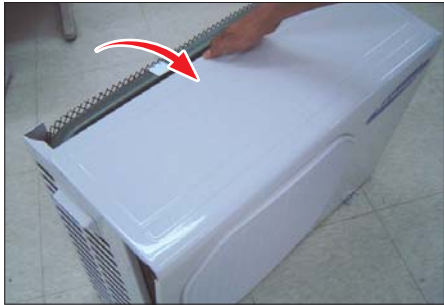

No	Parts	Procedure	Remark
1	PANEL-FRONT	<p>1) Stop the driving of air conditioner and shut off main power supply.</p> <p>2) Please open the FRONT-GRILLE.</p> <p>3) Please detach COVER-TERMINAL from the main frame. (Use + Screw Driver.)</p> <p>4) loosen 2 connector wires (yellow, white) and detach the sensor wire. (black)</p> <p>5) To detach the FRONT-PANEL from the main frame, Please unfasten 2 screw at the bottom. (Use + Screw Driver.)</p> <p>6) Please take off the FRONT-PANEL lifting up the bottom.</p>	    




No	Parts	Procedure	Remark
2	TRAY DRAIN	1) Please loosen stepping motor wire. 2) To detach TRAY-DRAIN from the main frame, Please pull the bottom of the TRAY-DRAIN towards you.	
3	CONTROL IN	1) Please unfasten the earth screw from the EVAPORATOR. (Use + Screw Driver.)  2) Please detach the temperature sensor.  3) Please detach COVER-CONTROL from the CASE CONTROL.  4) Please loosen MPI connector wire (yellow), and MOTOR wires(white, blue).  5) Please take off the CASE CONTROL from the main frame.	    

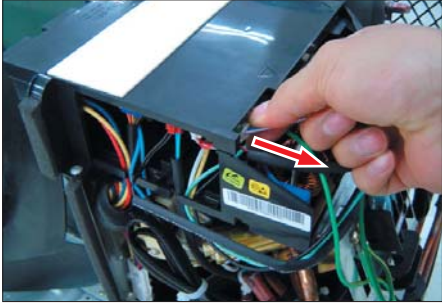
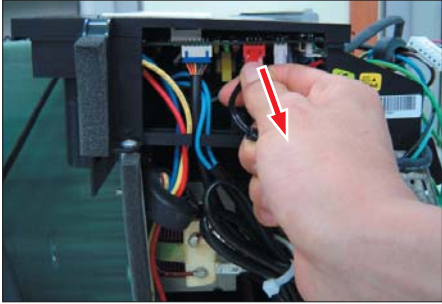

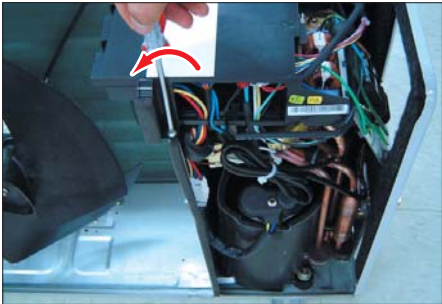
No	Parts	Procedure	Remark
4	EVAPORATOR	<p>1) Please unfasten the screw at the right side. (Use + Screw Driver.)</p> <p>2) Please unfasten 2 screw at the left side. (Use + Screw Driver.)</p> <p>3) Please detach the HOLDER PIPE.</p> <p>4) Please take off the EVAPORATOR from the main frame.</p>	   

No	Parts	Procedure	Remark
5	FAN MOTOR & CROSS FAN	<p>1) Please unfasten the screws in the Holder evap on the left side of evaporator.</p> <p>2) Please unfasten the 3 points screws in the Control box, and then detach the control box.</p> <p>3) Please unfasten the screw a little.</p> <p>4) Please pull the cross fan to the left side. if difficult, life the motor up slightly.</p>	   



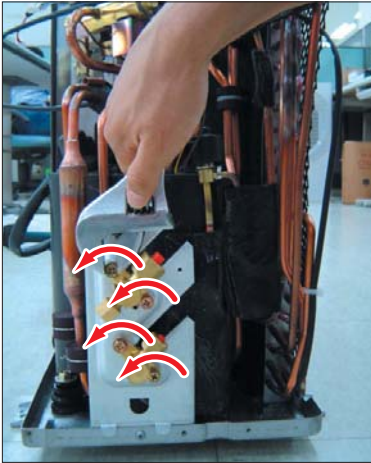

### 3-2 Outdoor Unit

No	Parts	Procedure	Remark
1	Common Work	<p>1) Loosen 1 fixing screw(CCW) of the Cover-Side. (Use +Screw Driver.)</p> <p>2) Loosen each 4 screws(CCW) on both right and left Cabinet Side edges and a fixing screw on the Cabinet Front lower to detach the Cabinet Front. (Use +Screw Driver.)</p> <p>3) Detach the Cabinet Front like the picture on the right side.</p> <p>4) Loosen 1 screw(CCW) fixed to assemble Plate Control Out with Cabinet-Side RH. (Use +Screw Driver.)</p>	   

No	Parts	Procedure	Remark
		<p>5) Loosen 2 fixing screws(CCW) on the rear side of Cabinet-Side RH. (Use +Screw Driver.)</p>	
		<p>6) Loosen 3 screws(CCW) fixed to assemble Bracket Valve with Cabinet-Side RH. (Use +Screw Driver.)</p>	
		<p>7) Loosen 2 fixing screws(CCW) of Cabinet Side LF. (Use +Screw Driver.)</p>	

No	Parts	Procedure	Remark
2	Ass'y Control Out	<ol style="list-style-type: none"> <li>1) Detach the Motor Wire from the PCB of Ass'y Control Out.</li>   <li>2) Detach several connectors from the PCB of Ass'y Control Out.</li>   <li>3) Detach 2 Connect Wires from Reactor.</li>   <li>4) Loosen 1 screw(CCW) fixed to assemble Ass'y Control Out with Partition. (Use +Screw Driver.)</li> </ol>	   



No	Parts	Procedure	Remark
3	Fan & Motor	<ol style="list-style-type: none"> <li>1) Release the refrigerant at first.</li> <li>2) Loosen fixing screw(CW). (Use Monkey Spanner.)</li> <li>3) Disassemble the pipes in both inlet and outlet with welding torch.</li> <li>4) Detach the Heat Exchanger.</li> </ol>	
4	Heat Exchanger	<ol style="list-style-type: none"> <li>1) Loosen 2 fixing screws(CCW) on both sides. (Use +Screw Driver.)</li> <li>2) Disassemble the pipes in both inlet and outlet with welding torch.</li> <li>3) Detach the Heat Exchanger.</li> </ol> <p style="color: red;">⚠ Before you disassemble the pipes and Condenser, be sure that there should be no refrigerant remained in the unit.</p>	
5	Ass'y Valve 4-Way & Ass'y Valve EEV	<ol style="list-style-type: none"> <li>1) Loosen 4 bolts(CCW) fixed to assemble Valve Service with Bracket Valve like the picture on the right side. (Use Monkey Spanner.)</li> <li>2) Disassemble the pipes assembled the suction and discharge sides of the Compressor with welding torch.</li> </ol>	
6	Compressor	<ol style="list-style-type: none"> <li>1) Loosen the Nut(CCW) of Terminal Cover. (Use Monkey Spanner.)</li> <li>2) Detach the Terminal Cover and detach the Connect Comp Wire from Compressor.</li> <li>3) Disassemble the Felt Comp Sound.</li> <li>4) Loosen the 3 bolts(CCW) at the bottom of Compressor like the picture on the right side. (Use Monkey Spanner.)</li> </ol>	

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