
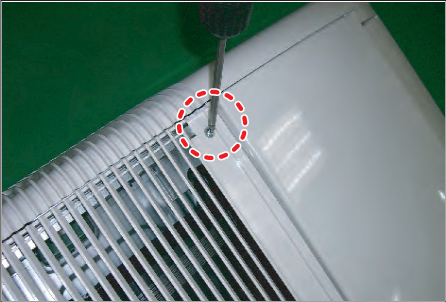



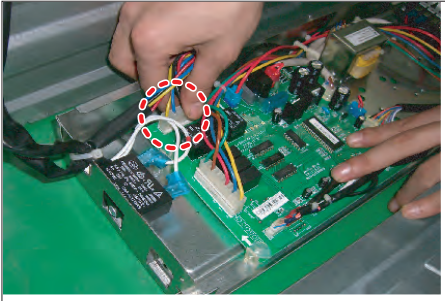

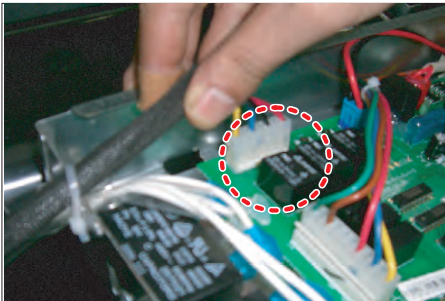
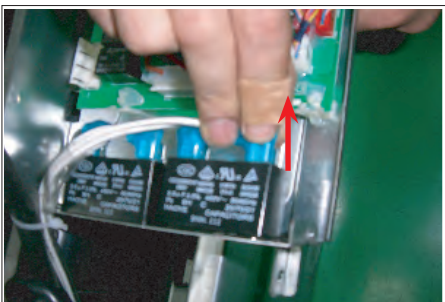


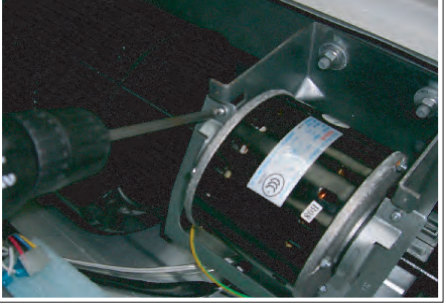
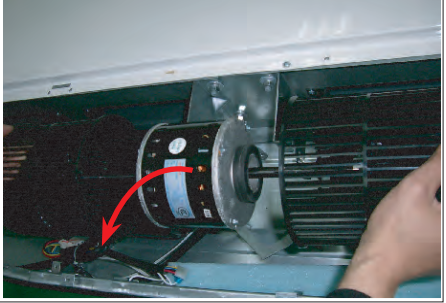
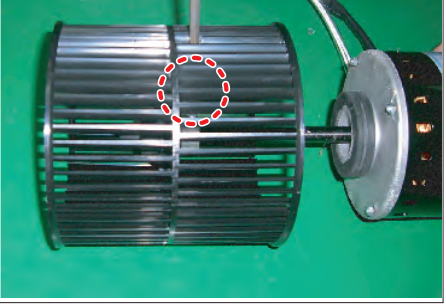

4. Disassembly and Reassembly

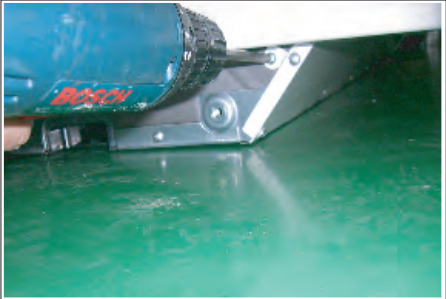

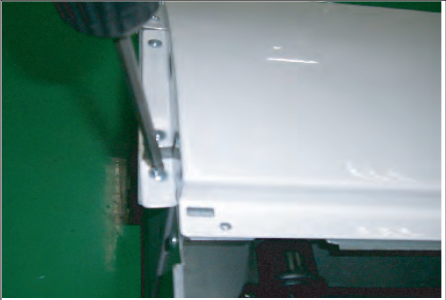


Stop operation of the air conditioner and remove the power cord before repairing the unit.

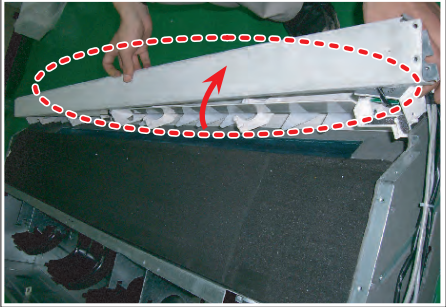
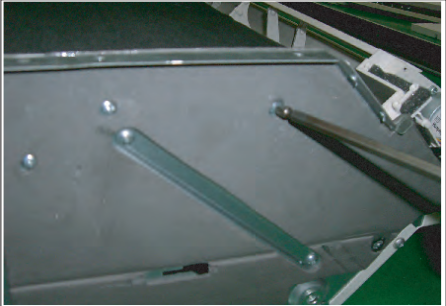
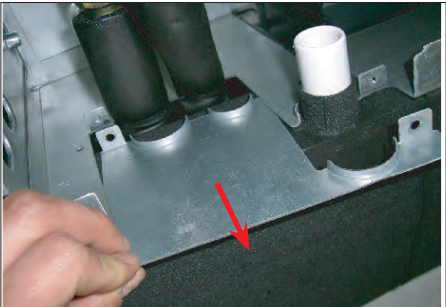
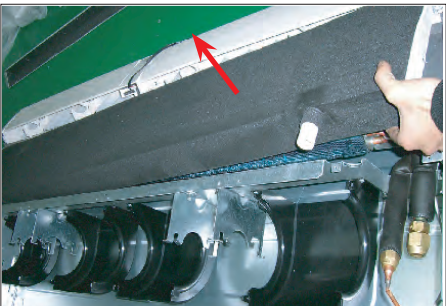

4-1 Indoor Unit (FC48BTVA, FC60BTVA)


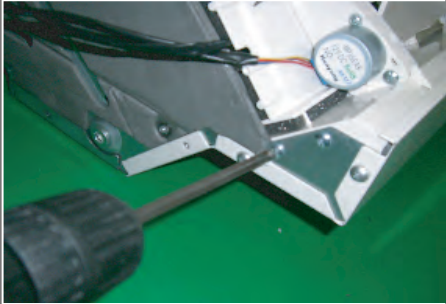
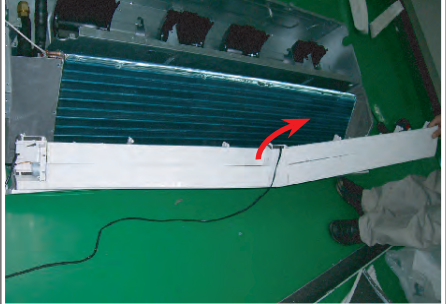
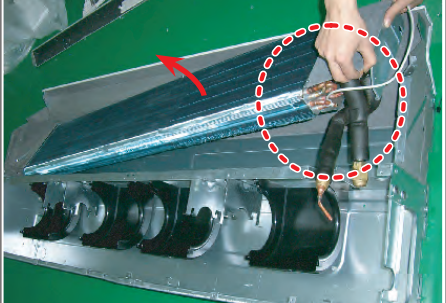
No	Parts	Procedure	Remark
1	Electrical Part	<p>1) Detach the Air Inlet Grille.</p> <p>2) To open the Grille, loosen screws. (center and both side)</p> <p>3) Open the grille ⚠ Be carefull to open the grille</p> <p>4) Loosen screws to separate the Control box</p>	   

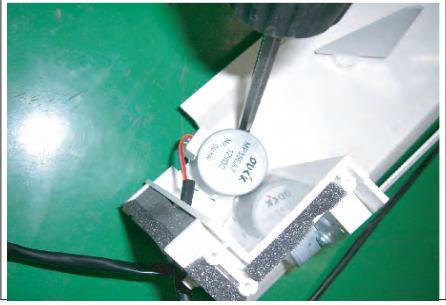
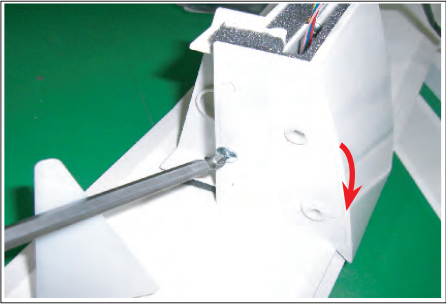
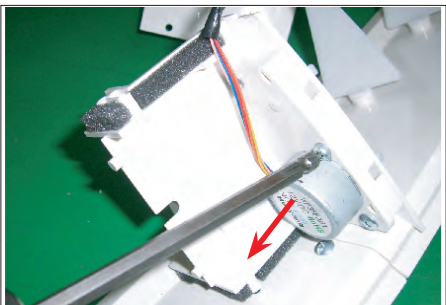

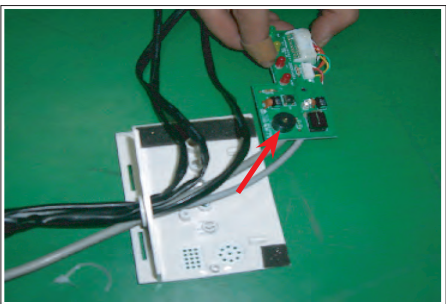
No	Parts	Procedure	Remark
		<p>5) Almost of In/outdoor connectors were molded by haot melt. If you want to separate the connector, please pull out the connectot with force as shown in the picture.</p>	 
2	Fan & Motor	<p>1) Separate the Case fan-up by loosing 2 hooks. ▲ Be careful you hand.</p> <p>2) Disconnect of housing of Motor Wire.</p> <p>3) Disconnect the Capacitor Wire.</p>	  

No	Parts	Procedure	Remark
		<p>4) Loosen the Guard Safety by removing 2 screws.</p> <p>5) Separate the motor & fan from the bracket Motor.</p> <p>6) Loosen the 1 screws what is fix the Fan.</p> <p>7) Separate the fan from the motor shaft.</p>	   

No	Parts	Procedure	Remark
3	Drain Pan	<p>1) Disassemble Side covers by loosening screws as shown in pictures.</p> <p>2) Disassemble the Front cover by loosening screws as shown in pictures</p> <p>3) Disassemble the Bracket by removing screws as shown in pictures.</p>	    


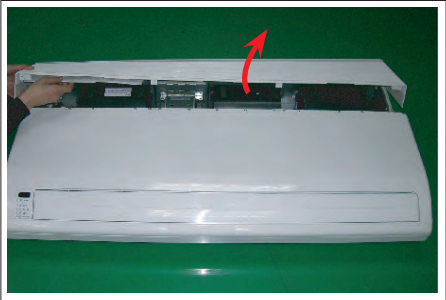
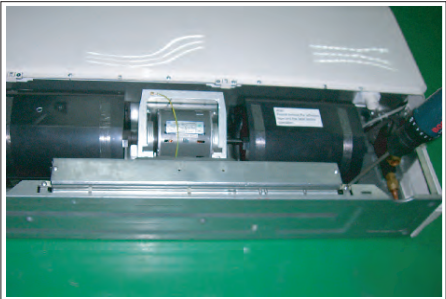
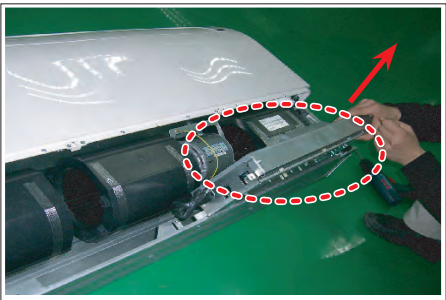
No	Parts	Procedure	Remark
		<p>⚠ Be carefull to open.</p> <p>4) To isassemble the Drain pan, remove screws on both side..</p> <p>5) Separate the Cover pipe as shown in the picture.</p> <p>6) Disassemble the Drain pan form the set.</p>	    


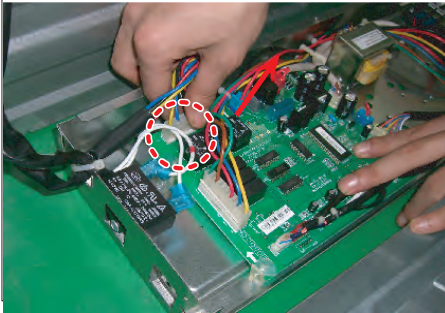
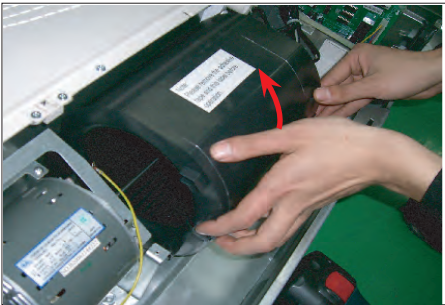
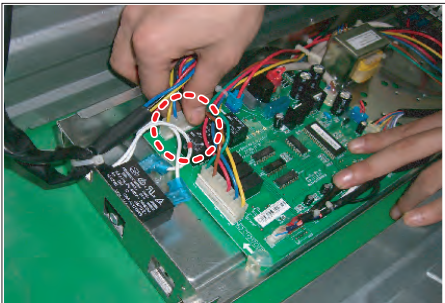
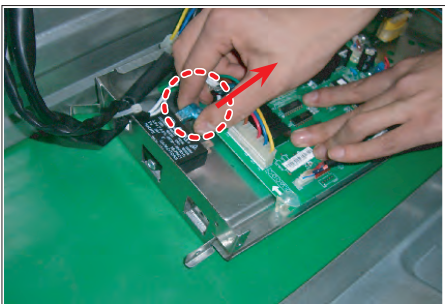
No	Parts	Procedure	Remark
4	Evaporator	<p>1) Remove 4 screws on both side as shown in the picture.</p> <p>2) Loosen screws on both side as shown in the picture.</p> <p>3) Separate Assy outlet from the set</p> <p>4) Separate the Evaporator from the sest as shown in picture</p> <p>⚠ Be careful your hand when you disassemble Evaporator</p>	   

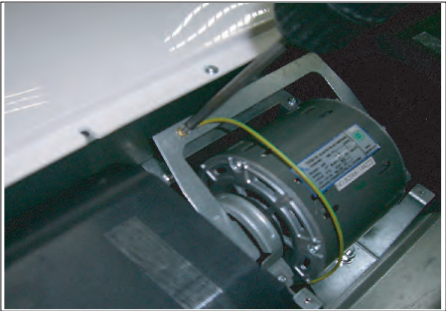

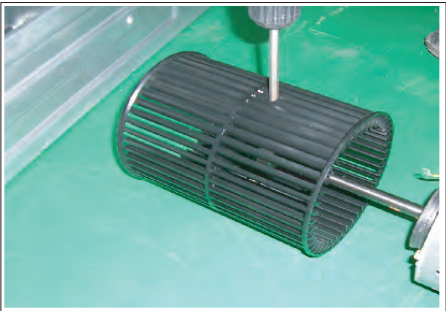
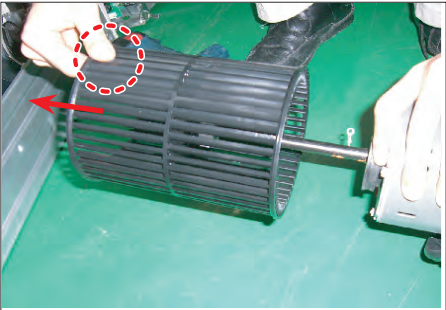
No	Parts	Procedure	Remark
5	Stepping Motor	<p>1) Loosen the screws To remove the vertical stepping motor</p> <p>2) Loosen the screws as shown in picture. (There are 2 horizontal stepping motors)</p> <p>3) Disassemble horizontal stepping motors</p>	  
6	Display PCB	<p>1) Loosen the screw in rear side of display PCB as shown in the picture</p> <p>2) Disassemble Display PCB.</p>	 

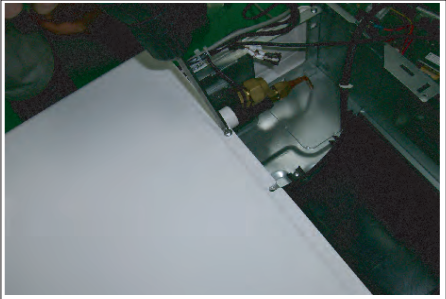
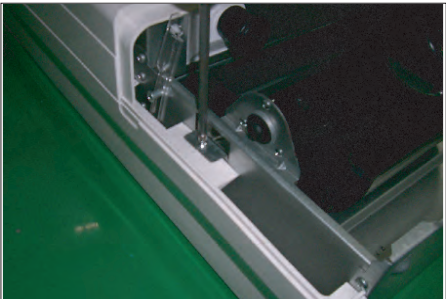
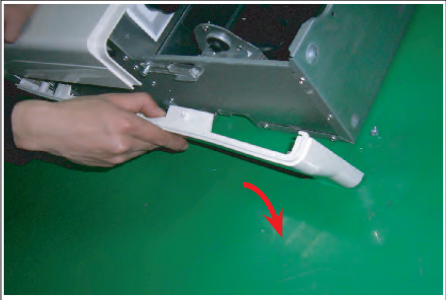


Stop operation of the air conditioner and remove the power cord before repairing the unit.

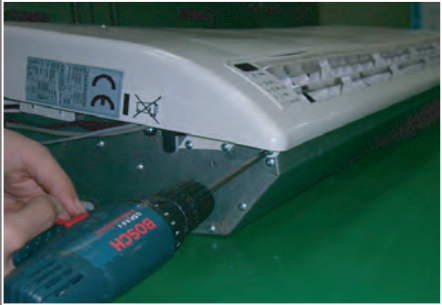
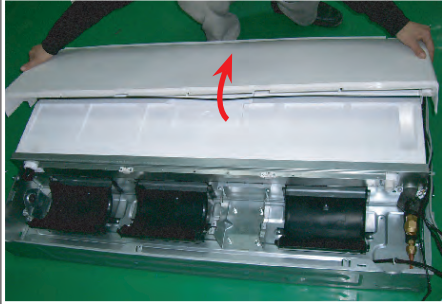
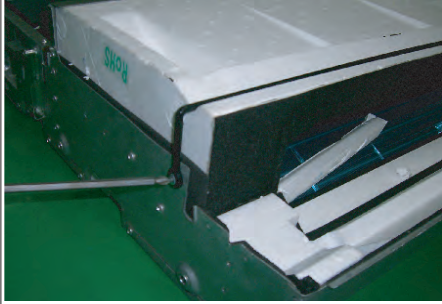
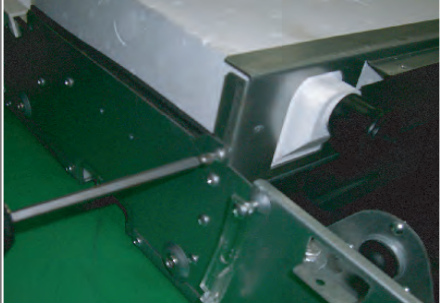
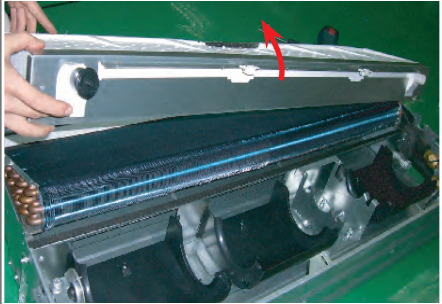
4-2 Indoor Unit (FC36BTVA)

No	Parts	Procedure	Remark
1	Electrical Part	<p>1) Remove 2 screws as shown in the picture.</p> <p>2) To open the Grille, remove air filters (center and both side)</p> <p>3) Open the grille</p> <p>4) Loosen screws to separate the Control box. And then pull out the control box as shown in pictures</p> <p>⚠ Be careful control wires</p>	   

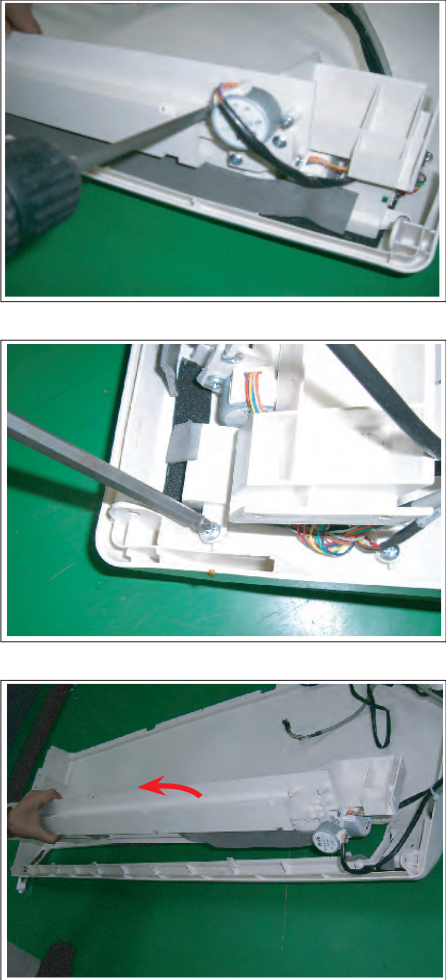
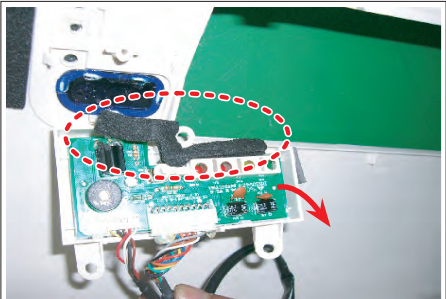
No	Parts	Procedure	Remark
		<p>5) Almost of In/outdoor connectors were molded by hot melt. If you want to separate the connector, please pull out the connectot with force as shown in the picture.</p>	 
2	Fan & Motor	<p>1) Separate the Case fan-up by loosing 2 hooks.</p> <p>2) Disconnect of housing of Motor Wire.</p> <p>3) Disconnect the Capacitor Wire.</p>	  

No	Parts	Procedure	Remark
		<p>4) Loosen the Guard Safety by removing 2 screws.</p> <p>5) Seperate the motor & fan from the bracket Motor.</p> <p>6) Loosen the 1 screws what is fix the Fan.</p> <p>7) Separate the fan from the motor shaft. ⚠ Be careful blower blades.</p>	   


No	Parts	Procedure	Remark
3	Drain Pan	<p>1) Disassemble Front covers by loosening screws as shown in pictures.</p> <p>2) Disassemble the Side cover by loosening screws as shown in pictures ⚠ Side cover can be broken when you disassemble in force</p> <p>3) Disassemble the Bracket as shown in the picture.</p>	    

No	Parts	Procedure	Remark
		<p>4) To disassemble The Front cover, remove screws on both side..</p> <p>5) Separate the holder and screws as shown in the picture.</p> <p>6) Disassemble the Drain pan form the set.</p>	    

No	Parts	Procedure	Remark
4	Evaporator	<ol style="list-style-type: none"> <li data-bbox="459 293 906 349">1) Remove screws on the plate as shown in the picture. <li data-bbox="459 640 906 696">2) Remove screws on the plate as shown in the picture. <li data-bbox="459 987 683 1021">3) Remove the screw <li data-bbox="459 1335 906 1391">4) Separate the Evaporator from the set as shown in picture 	   

No	Parts	Procedure	Remark
5	Stepping Motor	1) Loosen the screws To remove the vertical stepping motor 2) Loosen the screws as shown in picture. 3) Disassemble horizontal stepping motor	
6	Display PCB	1) Remove screw to disassemble the Display PCB as shown in the picutre ⚠ Be careful to insulation.	

4-3 Outdoor Unit (FC36BTVX, FC48BTVX, FC60BTVX)

No	Parts	Procedure	Remark
1	Cabinet	<ol style="list-style-type: none"> 1) Turn off the unit and remove the Power Cable. 2) Detach the Top Cover. 3) Detach the Control Box Cover. 4) Unplug the Ass'y Cable. 5) Detach the Cabi-Side. 6) Detach the Cabi-Front. <p style="color: red; text-align: center;">⚠ When you assemble the parts, check the each parts and component Electric Box are fixed firmly.</p>	
2	Fan Motor & Propeller Fan	<ol style="list-style-type: none"> 1) Loosen the indicating bolt screw. 2) Disassemble the Propeller Fan. 	