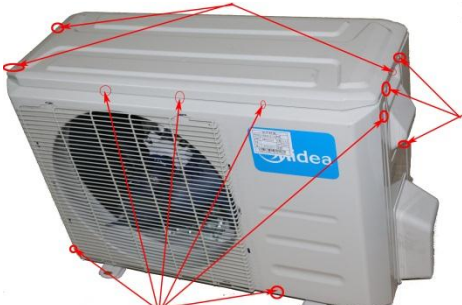
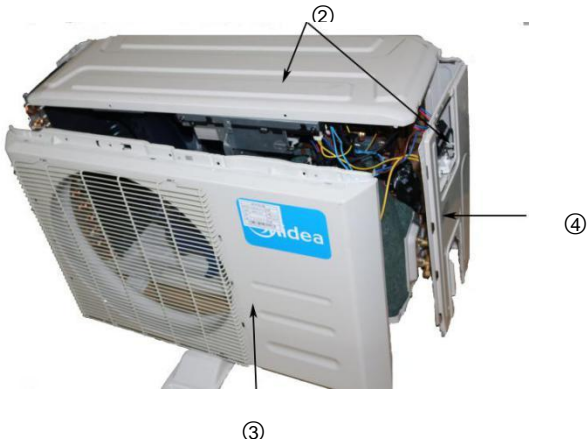

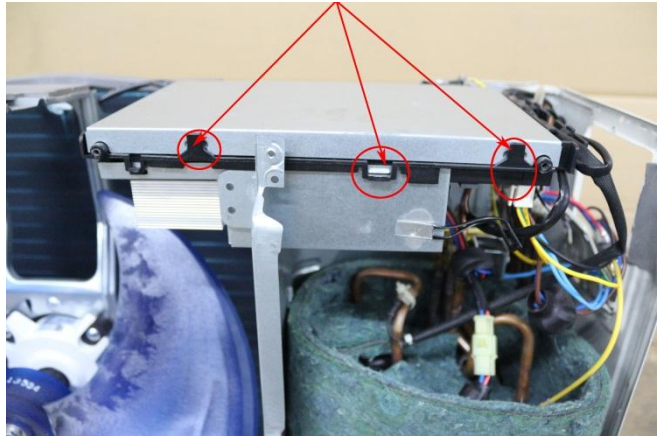
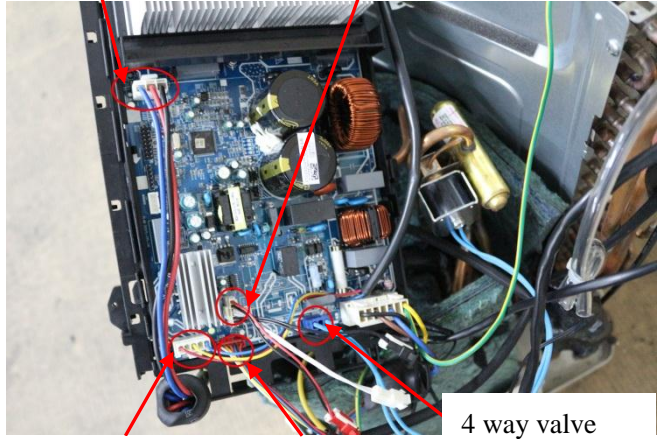
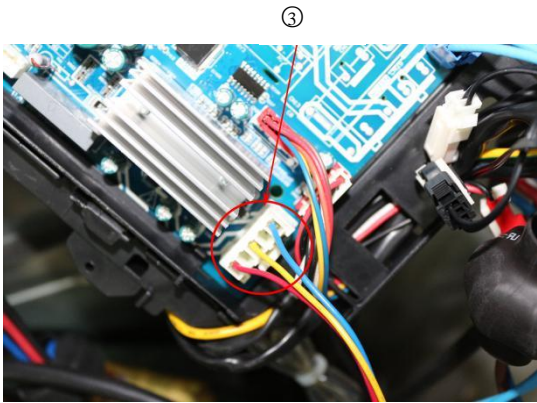
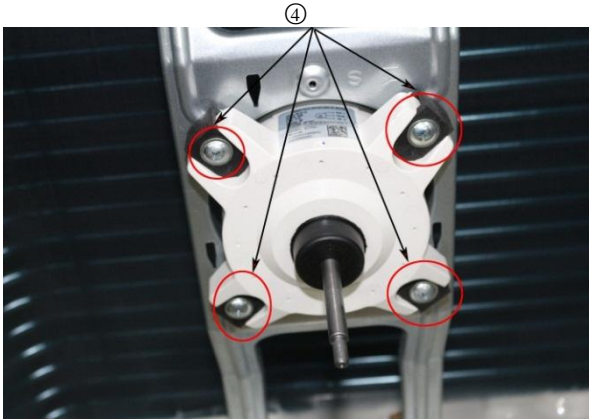
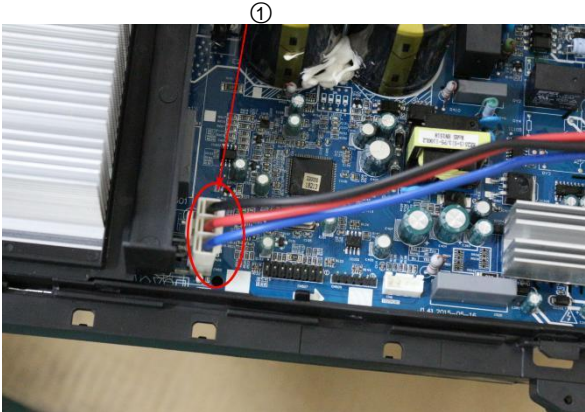
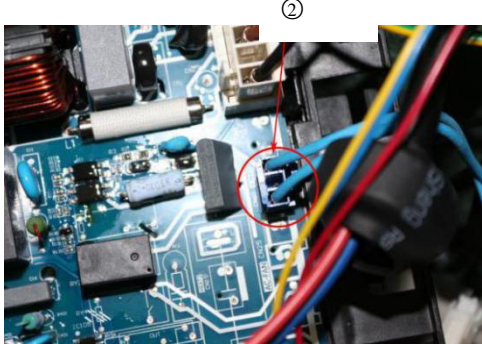


## 10.2 Outdoor unit

MOB30-09HFN1-BW0W, MOB30-09HFN1-MX0W, MOB30-12HFN1-BV0W,  
MOB30-12HFN1-MV0W

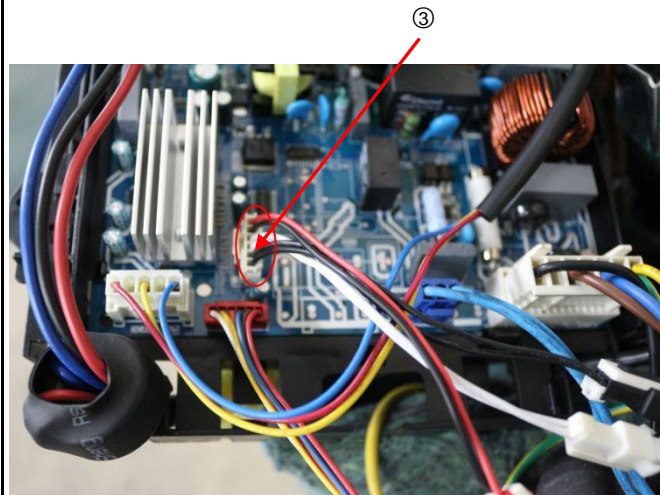
No.	Part name	Procedures	Remarks
	Panel plate	<p>How to remove the panel plate.</p> <p>1) Stop operation of the air conditioner and turn "OFF" the power breaker.</p> <p>3) Remove the big handle first, and then remove the top panel(3 screws).</p> <p>3) Remove the screws of front panel(6 screws)</p> <p>(4) Remove the screws of the right side panel(8 screws)</p>	<p>Screws of top panel (3 screws, 1 screw is under the big handle)</p>  <p>3 screws of the big handle</p> <p>6 screws of front panel</p> 

2	Fan ass'y	<p>How to remove the fan ass'y.</p> <p>1) After remove the panel plate following procedure 1, remove the hex nut fixing the fan and then remove the fan.</p> <p>2) Unfix the hooks and then open the electronic control box cover.</p>	 <p>①</p>  <p>②</p> <p>compressor      T3,T4,T5 sensor</p>  <p>Motor      Electronic expansion valve      4 way valve</p>
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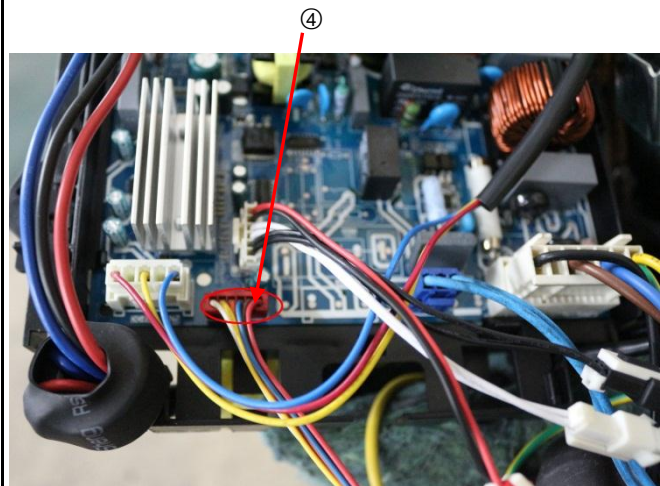
		<p>3) Disconnect the connector for fan motor from the electronic control board.</p> <p>4) Remove the four fixing screws of the fan motor. Then remove the fan motor.</p>	 
3	Electrical parts	<p>How to remove the electrical parts.</p> <p>1) After finish work of item 1 and item 2, remove the connectors for the compressor.</p> <p>2) Pull out the two blue wires connected with the four way valve.</p>	 



3) Pull out connectors of the condenser coil temp. sensor(T3), outdoor ambient temp. sensor(T4) and discharge temp. sensor(TP).

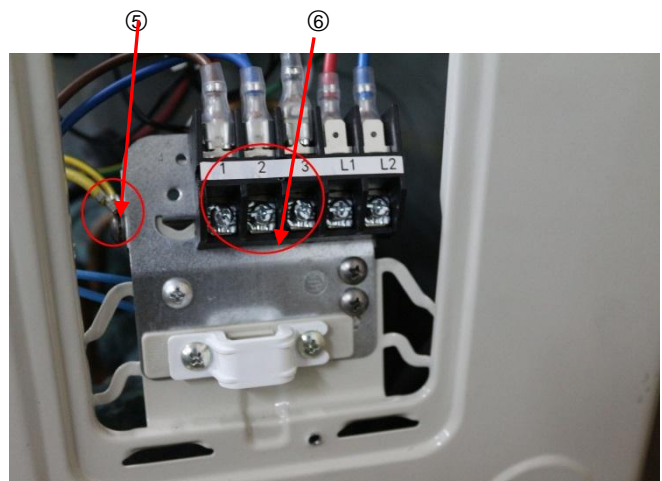


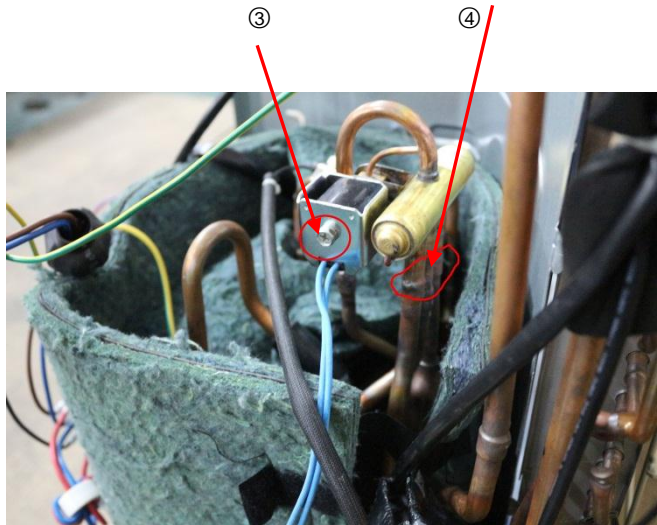
4) disconnect the electronic expansion valve wire



5) Remove the grounding screw.

6) Remove the Wires (1,2,3). Then remove the electronic control box.



4	Four-way valve	<p>How to remove the four-way valve.</p> <ol style="list-style-type: none"> <li>1) Perform work of item1,3.</li> <li>2) Recover refrigerant from the refrigerant circuit.</li> <li>3) Remove the screw of the coil and then remove the coil.</li> <li>4) Detach the welded parts of four-way valve and pipe.</li> </ol> <p>1) Then the four-way valve ass'y can be removed</p>	<p>The picture of four-way valve may be different from the one on your side.</p> 
5	Compressor	<p>How to remove the compressor.</p> <ol style="list-style-type: none"> <li>1) After perform work of item1,3. Recover refrigerant from the refrigerant circuit.</li> <li>2) Remove the discharge pipe and suction pipe with a burner.</li> <li>3) Remove the hex nuts and washers fixing the compressor on bottom plate.</li> <li>4) Lift the compressor from the base pan assembly.</li> </ol>	