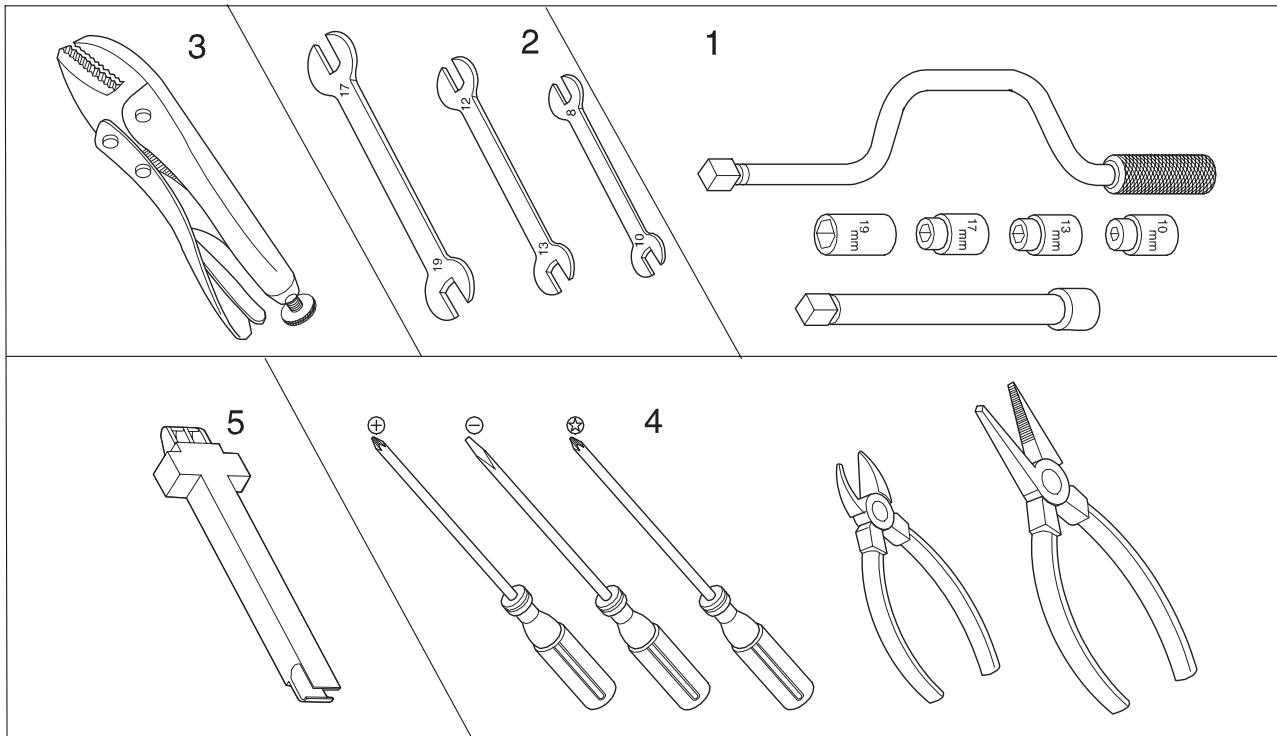


## 5. ASSEMBLY AND DISASSEMBLY



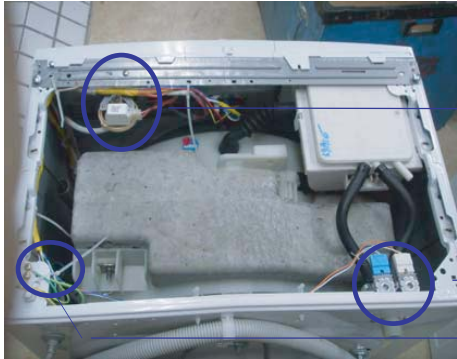
### 5-1. TOOLS FOR DISASSEMBLY AND ASSEMBLY




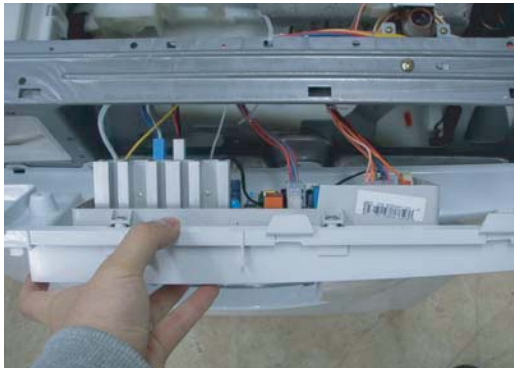
NO.	TOOL		
1	Box driver	10mm 13mm 19mm	Motor (1), Balance (5), 2 holes of each left and right of the shock absorber 1 Pulley hole
2	Double-ended spanner	10, 13, 19mm	Replaceable for the box driver. Since the bolt runs idle when the box driver is used, use the box driver 17mm.
3	Vice pliers		Tool to protect the idle and abrasion of the bolt for the box driver.
4	Other(Driver, Nipper, Long nose)		General tools for the after service.
5	JIG for the Tub		1 (Disassemble and Assemble)







## 5-2. ASSEMBLY AND DISASSEMBLY




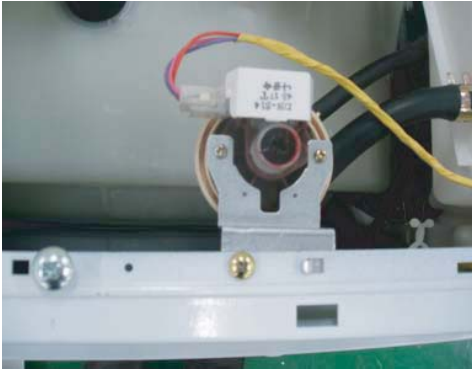
Warning! To avoid risk of electrical shock, personal injury or death, disconnect the power to the washing machine





Part Name	Descriptive Picture	How To Do
<p>ASS'Y-COVER TOP</p>		<p>① Remove the two screws holding the Top Cover at the back of the unit.</p>
		<p>② Remove the top-cover through pushing and pulling.</p>
		<p>③ Then, the Water (Pressure) Sensor, Noise Filter and Water Valve can be replaced.</p> <div style="display: flex; flex-direction: column; align-items: flex-end; margin-top: 10px;"> <div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="border: 1px solid black; padding: 2px 10px;">sensor pressure</div> </div> <div style="display: flex; align-items: center; margin-bottom: 10px;">  <div style="border: 1px solid black; padding: 2px 10px;">water valve</div> </div> <div style="display: flex; align-items: center;">  <div style="border: 1px solid black; padding: 2px 10px;">noise filter</div> </div> </div>

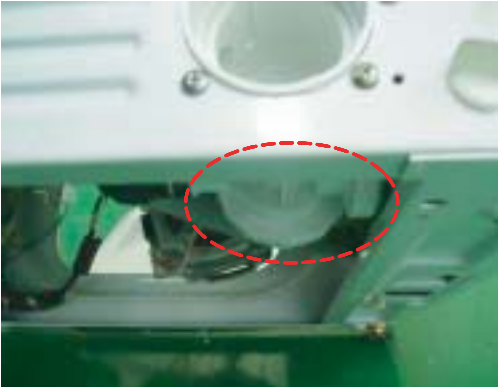


Part Name	Descriptive Picture	How To Do
FRAME FRONT		<p>① Remove the Top Cover and the Ass'y Drawer.</p>
		<p>② Remove the two screws on the front of the control panel.</p>
		<p>③ Remove the two screws on the plate(u).</p>
		<p>④ Remove the control panel by disconnecting the connector that connects PCB to the wire-harness.</p>

Part Name	Descriptive Picture	HowTo Do
<b>FRAME FRONT</b>		<ul style="list-style-type: none"> <li>□° Insert a flat head screwdriver into the gap and pry down the Cover Front (Left) to separate it.</li> </ul>
		<ul style="list-style-type: none"> <li>□ Remove the Wire Diaphragm from the Frame Front and unseat the Diaphragm.</li> </ul>
		<ul style="list-style-type: none"> <li>□ Remove the 7 screws on the frame front.</li> </ul>





Part Name	Descriptive Picture	How To Do
BELT		<p>Before removing the belt, should be opened the Cover Bottom.</p>
		<ul style="list-style-type: none"> <li>□ Remove the belt before the re-assembly.</li> <li>□ Ensure the belt is placed on the center of the motor pulley.</li> </ul> <p>&lt;Belt Assembly&gt;</p> <p>Hang the belt on the motor pulley(□ ) before placing it around the pulley (□)</p>
MO TOR		<ul style="list-style-type: none"> <li>□ Remove the wire housing from the motor.</li> <li>□ Remove the bolts holding the motor by using the power screwdriver.</li> <li>□ Remove the motor.</li> </ul>

Part Name	Descriptive Picture	How To Do
Water Supply Valve		<p>① Remove the fixing screws for the water supply valve.</p>
		<p>② Disconnect the valve wires. ③ Separate the water hoses.</p>
Water Level Sensor		<p>① Remove the top cover.</p>
		<p>② Remove the fixing screws for the water level sensor. ③ Disconnect the water level sensor harness. ④ Disconnect the hose pressure. ⑤ Replace the water level sensor.</p>

Part Name	Descriptive Picture	How To Do
Door-Hinge		<ol style="list-style-type: none"> <li>① Remove the fixing screws holding the Door-Glass.</li> <li>② Separate the glass.</li> </ol>
		<ol style="list-style-type: none"> <li>③ After removing the two screws holding the Holder Glass, replace the Door Hinge.</li> <li>④ After putting them back together, check if the screws holding the Door Hinge is fastened properly.</li> </ol>
Drain Pump		<ol style="list-style-type: none"> <li>① Insert the flat head screwdriver into the slot on the top of the Cover Filter and lever it down to separate it.</li> </ol>
		<ol style="list-style-type: none"> <li>② Unscrew the drain filter by turning it counter clockwise.</li> </ol> <p>- The water remaining inside could flow out. So, put an empty bowl on the floor to hold the water.</p>

Part Name	Descriptive Picture	How To Do
		<p>③ Tilt the unit backward and take out the drain pump.</p>
		<p>④ Disconnect the incoming water hose and the wire harness. (Caution: Check if the unit is plugged out. There is possibility of electric shock.)</p>
		<p>⑤ Separate the Hose Filter Tub and the Drain Hose.</p>
	<p>※ CHECK POINT</p> <ol style="list-style-type: none"> <li>1. Remove the Drain Filter and check if there are foreign substances (coin, buttons, etc) blocking inside - If so, clear the inside.</li> <li>2. Check if the wire harness is connected properly - If not, connect it properly.</li> <li>3. If water leaks, check if the Clamp Hose and the Cap Drain are assembled tightly - If not, assemble them tightly. Remove the water remaining inside by turning the Filter counter clockwise.</li> </ol>	



Part Name	Descriptive Picture	How To Do
Door S/W		<p>① Open the Door.</p>
		<p>② Remove the Spring Diaphragm and separate the Diaphragm from the Frame Front.</p> <ul style="list-style-type: none"> <li>- Insert the flat head screwdriver and pry up the spring to remove the Spring Diaphragm.</li> <li>- The Diaphragm could get damaged when taking it out. So, unseat it in one direction slowly.</li> </ul>
		<p>③ Remove the screws holding the Door S/W.  ④ Take out the Door S/W.  ⑤ Disconnect the wire connector. (Press the hook to unlock the tab and plug it out.)</p>
Heater		<p>① Remove the frame-front.</p>

Part Name	Descriptive Picture	HowTo Do
		<p>② Disconnect the Connector Housing.</p>
		<p>③ Remove the nut holding the Heater and separate the Heater.</p>
		<p>④ Take out the Heater from the Tub.  (* Caution: Be sure to insert the Heater into the Bracket in the Tub. If not, it may cause a fire. And, make sure to have the Packing seating on its place. Fasten the nut with 5Kgf/cm<sup>2</sup>. If the nut is fastened loosely, it may cause water leakage.)</p>