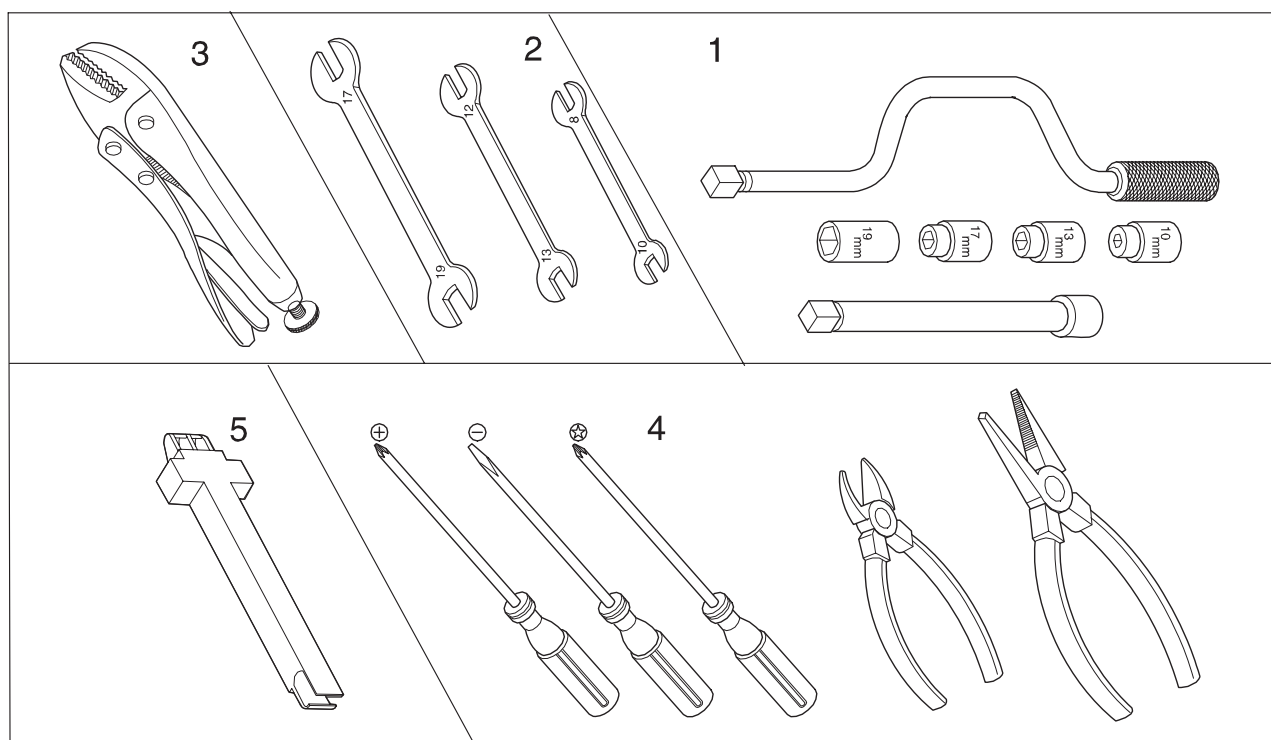


## 5. ASSEMBLY AND DISASSEMBLY







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




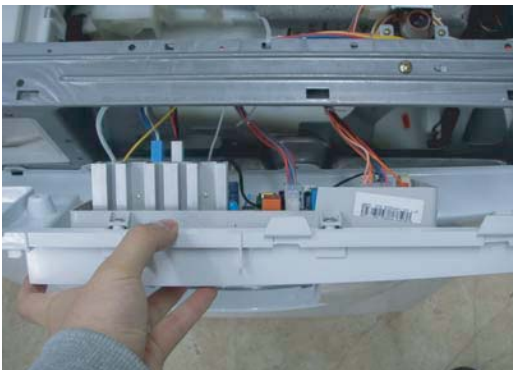
NO.	TOOL		
1	Box driver	10mm 13mm 19mm	Motor (1), Balance (5), 2 holes of each left and right of the shock absorber 1 Pulley hole
2	Double-ended spanner	10, 13, 19mm	Replaceable for the box driver. Since the bolt runs idle when the box driver is used, use the box driver 17mm.
3	Vice pliers		Tool to protect 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


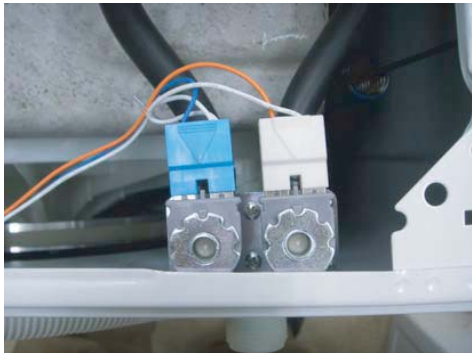

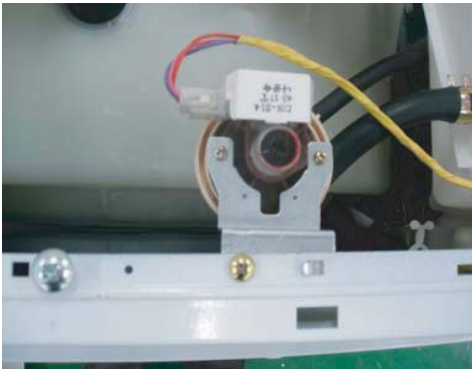
Warning! To avoid risk of electrical shock, personal injury or death, disconnect the power to the washing machine

Part Name	Descriptive Picture	How To Do
ASS'Y-COVER TOP		① Remove the two screws holding the Top Cover at the back of the unit.
		② Remove the top-cover through pushing and pulling.
	 <div style="display: flex; flex-direction: column; align-items: flex-end; margin-top: 10px;"> <div style="margin-bottom: 10px;">  <div style="border: 1px solid black; padding: 2px 5px;">sensor pressure</div> </div> <div style="margin-bottom: 10px;">  <div style="border: 1px solid black; padding: 2px 5px;">water valve</div> </div> <div>  <div style="border: 1px solid black; padding: 2px 5px;">noise filter</div> </div> </div>	③ Then, the Water (Pressure) Sensor, Noise Filter and Water Valve can be replaced.





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

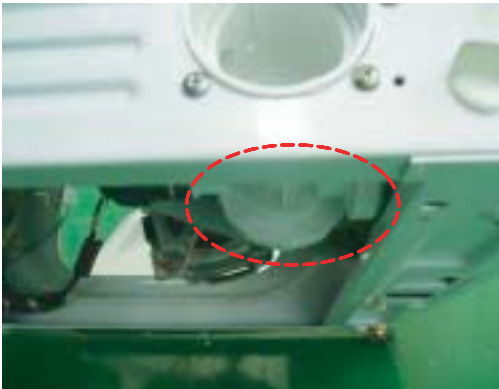

Part Name	Descriptive Picture	HowTo Do
FRAME FRONT		<ul style="list-style-type: none"> <li>◻ Insert a flat head screwdriver into the gap and pry down the Cover Front (Left) to separate it.</li> </ul>
		<ul style="list-style-type: none"> <li>◻ Remove the Wire Diaphragm from the Frame Front and unseat 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		Before removing the belt, should be opened the Cover Bottom.
	 	<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		① Remove the fixing screws for the water supply valve.
		② Disconnect the valve wires. ③ Separate the water hoses.
Water Level Sensor		① Remove the top cover.
		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.

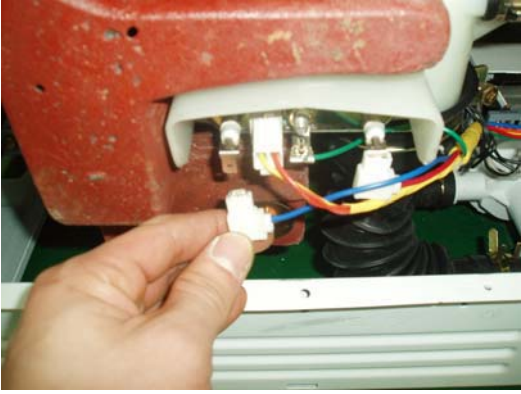




Part Name	Descriptive Picture	How To Do
Door-Hinge		<p>① Remove the fixing screws holding the Door-Glass.</p> <p>② Separate the glass.</p>
		<p>③ After removing the two screws holding the Holder Glass, replace the Door Hinge.</p> <p>④ After putting them back together, check if the screws holding the Door Hinge is fastened properly.</p>
Drain Pump		<p>① Insert the flat head screwdriver into the slot on the top of the Cover Filter and lever it down to separate it.</p>
		<p>② Unscrew the drain filter by turning it counter clockwise.</p> <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
		③ Tilt the unit backward and take out the drain pump.
		④ Disconnect the incoming water hose and the wire harness. (Caution: Check if the unit is plugged out. There is possibility of electric shock.)
		⑤ Separate the Hose Filter Tub and the Drain Hose.
	<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.</li> </ol> <p>Remove the water remaining inside by turning the Filter counter clockwise.</p>	



Part Name	Descriptive Picture	How To Do
Door S/W		① Open the Door.
		② Remove the Spring Diaphragm and separate the Diaphragm from the Frame Front. - Insert the flat head screwdriver and pry up the spring to remove the Spring Diaphragm. - The Diaphragm could get damaged when taking it out. So, unseat it in one direction slowly.
		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.)
Heater		① Remove the frame-front.

Part Name	Descriptive Picture	HowTo Do
		<p>□L Disconnect the Connector Housing.</p>
		<p>□Ø Remove the nut holding the Heater and separate the Heater.</p>
		<p>□E Take out the Heater from the Tub.          (i 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/5t. If the nut is fastened loosely, it may cause water leakage.)</p>