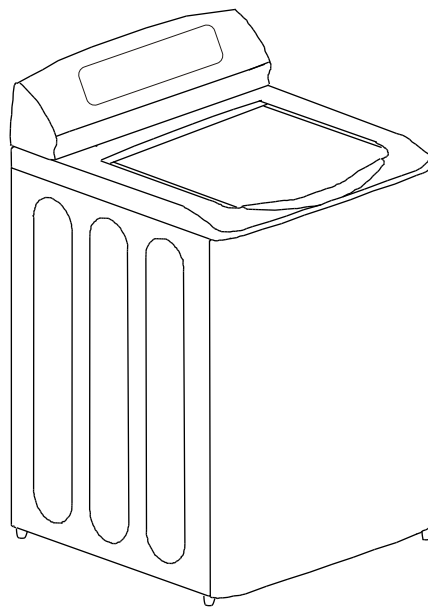


# Haier

Full automatic washing machine

## Service Manual



**GWT900AW**

### ● Features

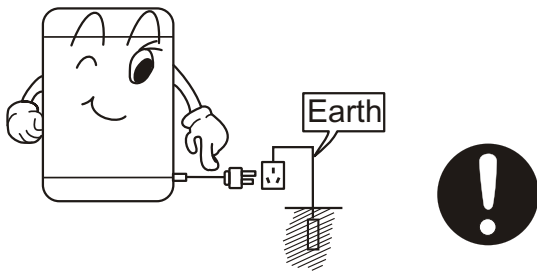
- Shift washing, shift spinning, blanket washing easily
- Dual drive technology and save 50% consumption of water and electricity
- Pulsator type for wash efficiency, twist free and low wear
- Super capacity that can wash more clothes
- VFD display

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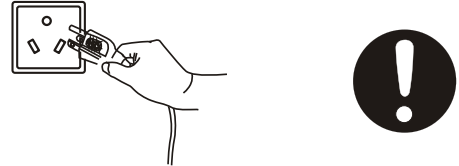
- Haier frequency-conversion and double drive blanket washing easily
- Shift washing, shift spinning
- Cold & warm water inlet selection
- Drain up function
- Cabinet with the door open in the front:
- Super capacity for more clothes
- Pulsator type for wash efficiency, twist free and low wear
- VFD Display

Model		GWI900AW
Free standing		√
Built under		×
EAN code		6901570022970
Energy efficiency class		-
<b>Technical data</b>		
Level/Volume	L	1/28L、2/36L、3/49L、4/54L、5/61L、6/67L、7/73L、8/79L、9/89L、10/95L
Residual dampness	%	<115
Voltage/frequency	V/Hz	120/60
Wash power	W	400
Spin power	W	300
Net weight	kg	About 79
Gross weight	kg	About 87
<b>Control model</b>		
Timer		×
controller		×
Normal computerized		×
Fuzzy computerized		√
Frequency conversion		√
<b>Service features</b>		
Short cycle		×
Inlet heating select		√
Heating selection		×
Spinning cycle (selector)		√
Spinning cycle (variable)		√
Start/Pause		√
Reset		√
Automatic balancing		√
Aesthetics(V.L.H.S.H.T)		
Cabinet material (P=Plastic/Z=Zincking/G=Gold)		Z
Inner drum(stainl. steel=s/ plastic=p)		S
Drain type (U=drain up D=drain down)		U
Door (glass=g/ plastic=p)		×
Adjustable feet		√
<b>Special function</b>		
Air-Bubble		×
Feet wheel		×
Hand wash		×
Two-in-one with rinse and spin		√
Water fall current		×
<b>Dimensions (measurements)</b>		
Height / built under	mm	1080
Width	mm	686
Depth / with open door	mm	686
<b>Dimensions packed (measurements packed)</b>		
Height	mm	1180
Width	mm	756

Be sure to earth the earthing wire reliably.



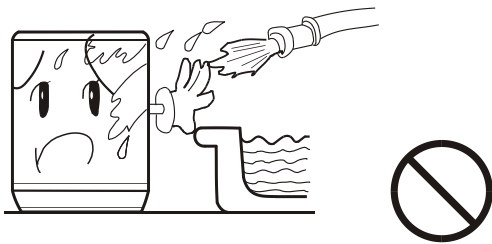
The power cord plug should be convenient to be plugged in or plugged out with hand while the washing machine runs normally. Be sure to pull the plug out and close the water tap when the machine is idle, when moving the machine, or when cleaning the machine. Do not use wet hand to insert or pull out the power plug.



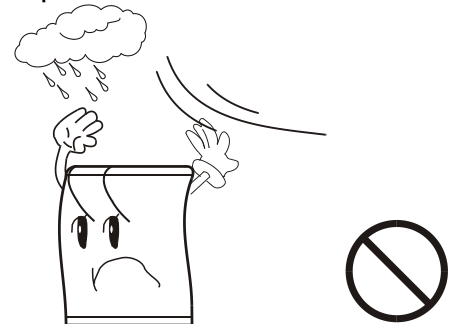
If the power cord is bad, to avoid risk it is required to replace it by the technicians of our special shop or the after-sale service department. Keep the pin of the power plug clean.



Do not put the machine at damp place like the bathroom. Never wash it with water.



Do not install or store the washer where it will be exposed to the weather.



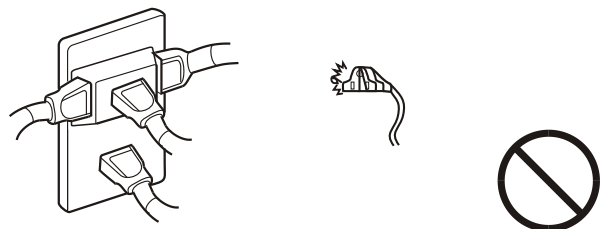
Do not let the machine share one receptacle with other electric appliances. If the power plug is damaged, or the plugging into the receptacle is loose, do not use the plug any more.



Do not wash water-proof laundries such as the raincoat, bicycle shelter etc. To avoid abnormal vibration during spinning.



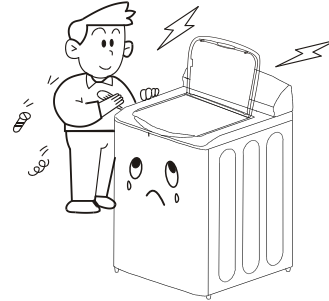
Do not share one receptacle with other electric appliances. Do not use it in case that the power plug is damaged or the inserting into the receptacle is loose.



Do not stretch hands into the working machine. It is dangerous even if the rotation is slow. Take special care of the children.



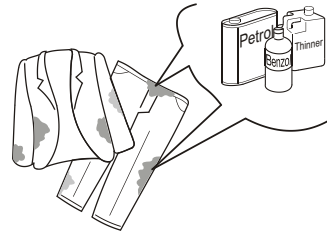
Do not decompose, repair or alter the machine by yourself.



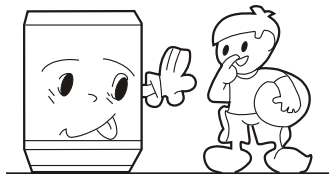
Do not put any hot or heavy items (such as the kettle with hot water) on the washing machine.



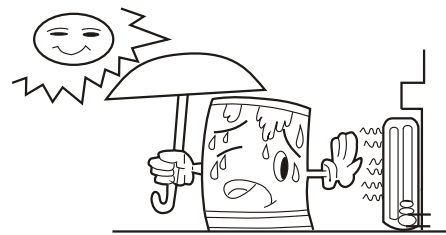
Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, other flammable, or explosive substances as they give off vapors that could ignite or explode. Do not add gasoline, dry-cleaning solvents, or other flammable, or explosive substances to the wash water. These substances give off vapors that could ignite or explode.



The handicapped or children without care shall not use the machine.

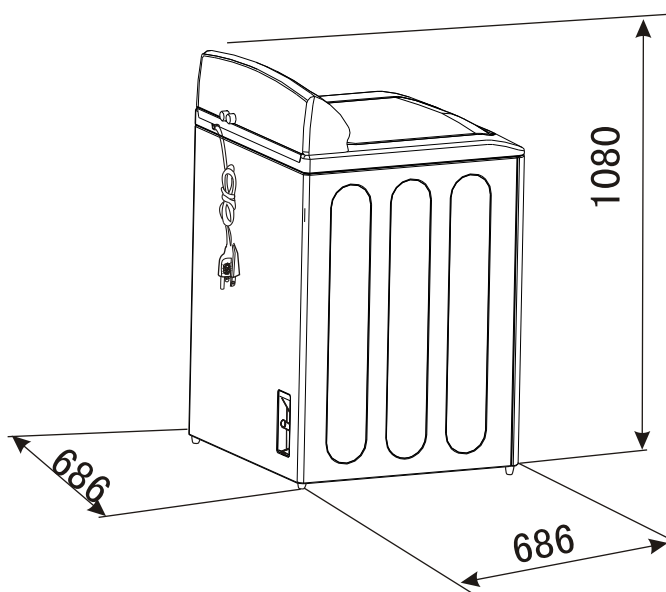


Keep the machine away from direct sunlight and heat source like the heater.



Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water has not been used for such a period, before using the washing machine, turn on all hot faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.



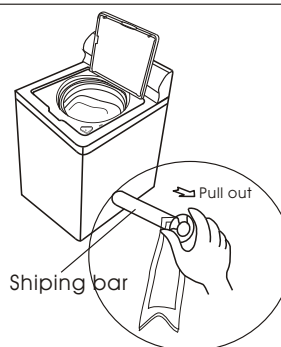


Unit (mm)

### INSTALLATION AND ACCESSORY PARTS

Please install and adjust the machine according to the requirement of the manual. It is very important to your security and correct operating the machine.

Pull the shipping bar out to avoid damage to your washing machine before your first use of it.

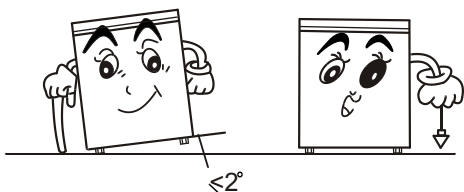


### Adjust the Installation position

The largest allowed slope of the shank base of the machine is  $2^\circ$ . The slanting or rough ground will result in unstable running or stoppage of the machine. Please adjust it with following methods:

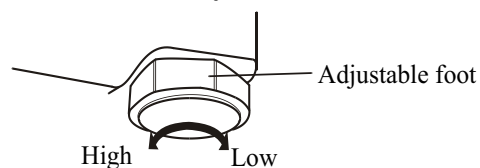
- Confirm it's horizontal

Hang the plumb to confirm it's horizontal.



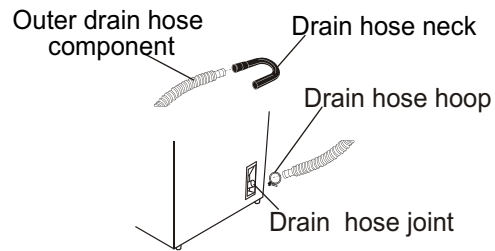
- Adjust the adjustable feet

- 1) To twist the adjustable foot, please first lift up the side of the foot slightly, and twist the foot.
- 2) Fasten the nut after adjustment.



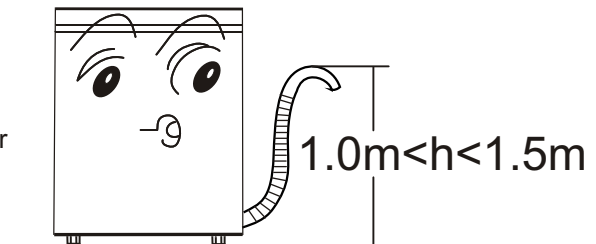
### Install the drain hose

- First install the drain hose hook on the parts of outer drain hose component.
- Put the drain hose clamp on the outer drain hose, insert the outer drain hose into the joint for it, and then clutch tightly with drain hose hoop.



### Usage of the drain hose

- Hang the outer drain hose on the proper place before washing( do not use it toppled down on the ground).
- Attend that the outlet of drain hose shall be higher than the water level in washtub to avoid siphon phenomenon.



### Connect the water inlet hoses

1. Attach the water inlet hoses to the hot water faucet and the cold water faucet. Using pliers, tighten the coupling. ( As figure 1)
2. Run water through both faucets and inlet hoses, into a bucket or laundry tub, to get rid of particles in the water lines that might clog the inlet valves screens.
3. Attach the hose connected with hot water faucet to the HOT water inlet valve(sign with "H"). Attach the hose connected with cold water faucet to the COLD water valve(sign with **C**). ( As figure 2)

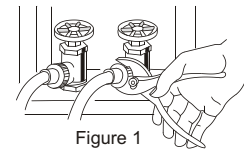


Figure 1

**NOTE:** Do not over-tighten.

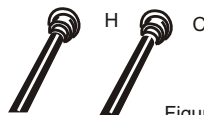
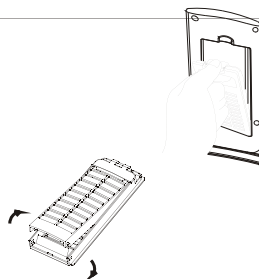


Figure 2

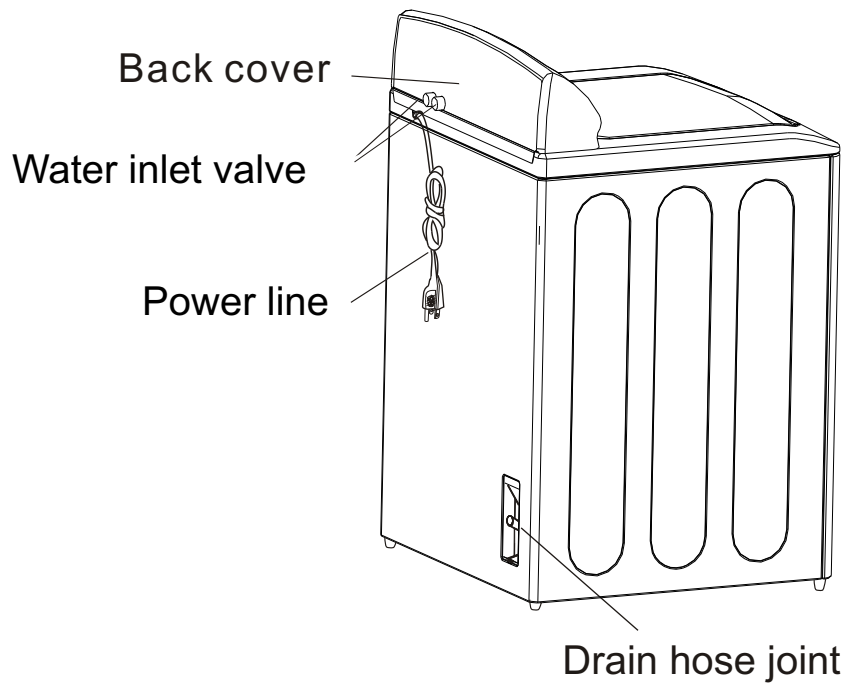
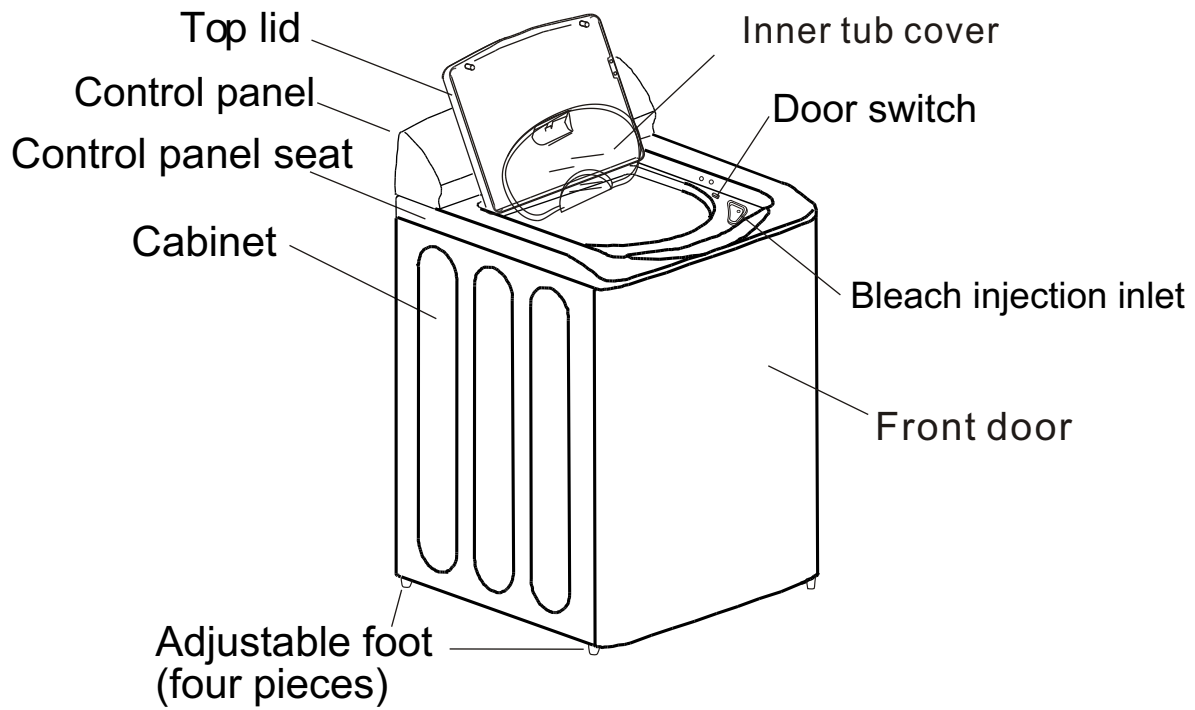
4. Check for leaks
  - (1). Swing the water inlet hose gently to confirm if it is suitable.
  - (2). Turn on the water faucets and check for leaks. A small amount of water might enter the washers. You will drain this later.

### Clean the filter

- The lint filter must be used during washing.
  - It must be cleaned in time after each using.
- 1 Take off the lint filter.
  - 2 Clean up the lint in the filter.
  - 3 Install the lint filter.



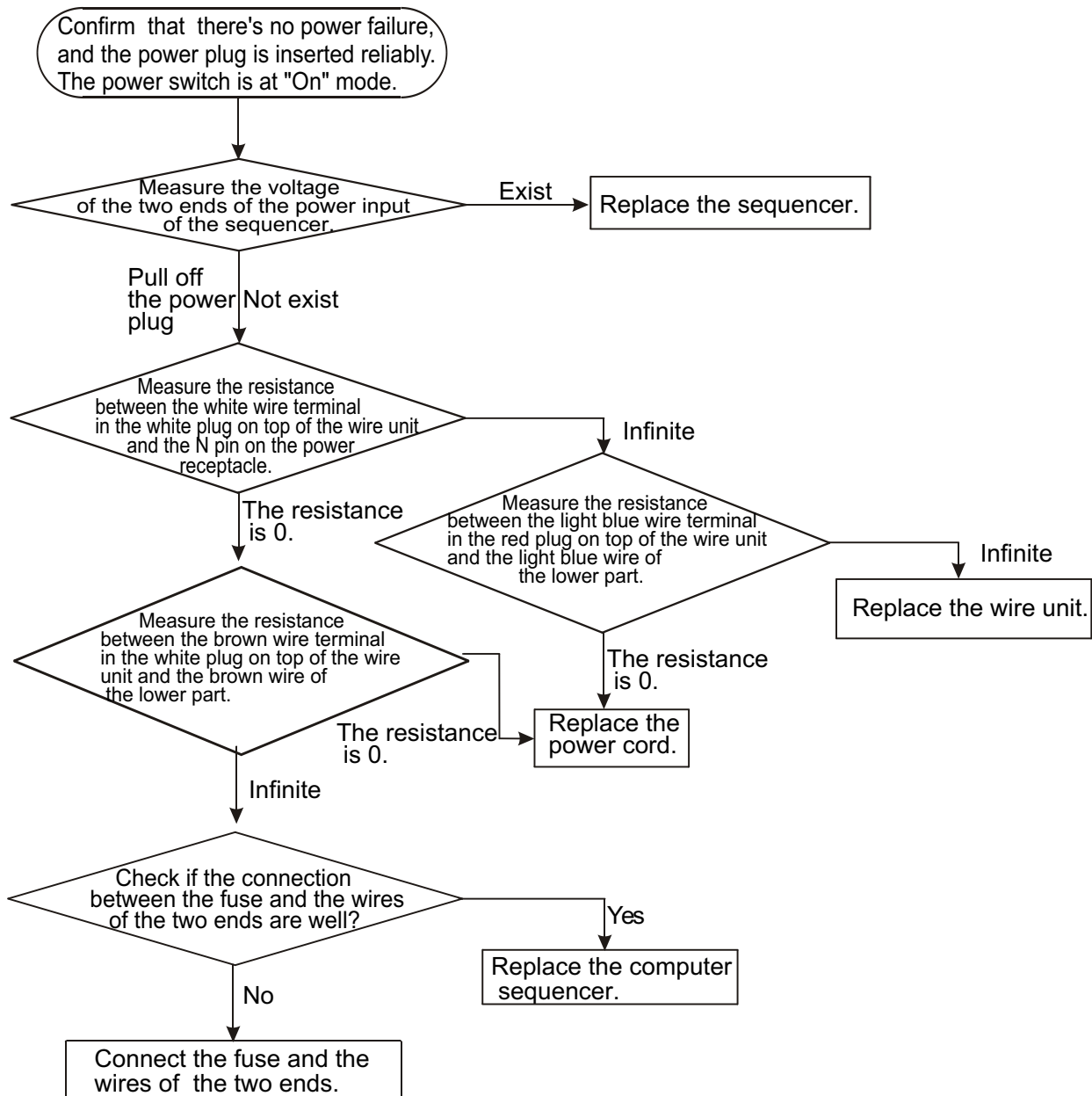




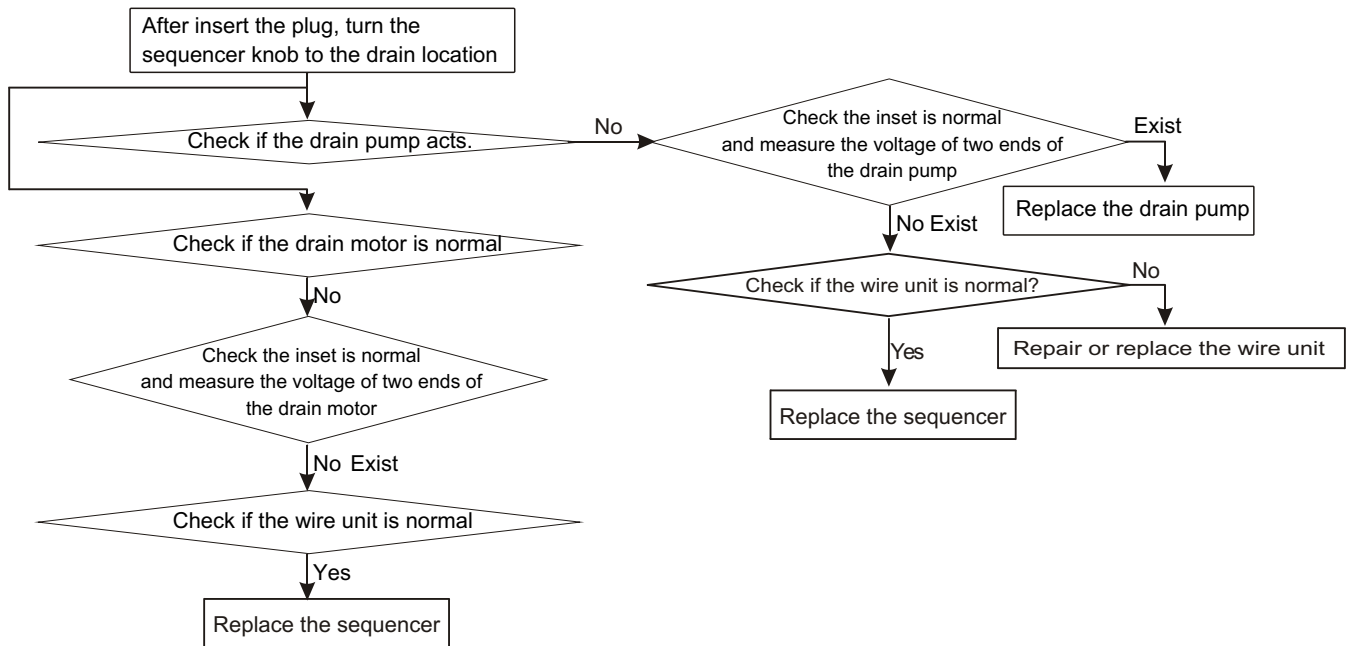
### Trouble-shooting charts

If you replace the computer sequencer without checking the other components carefully, the computer sequencer may be damaged again. Therefore, please first check if the other components working normally before replacing the sequencer in maintenance.

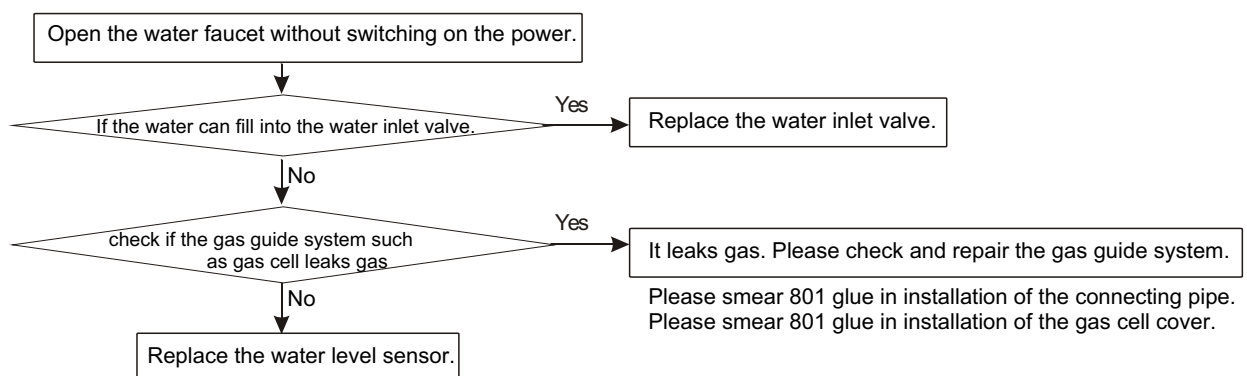
#### No action(The indicator is off)



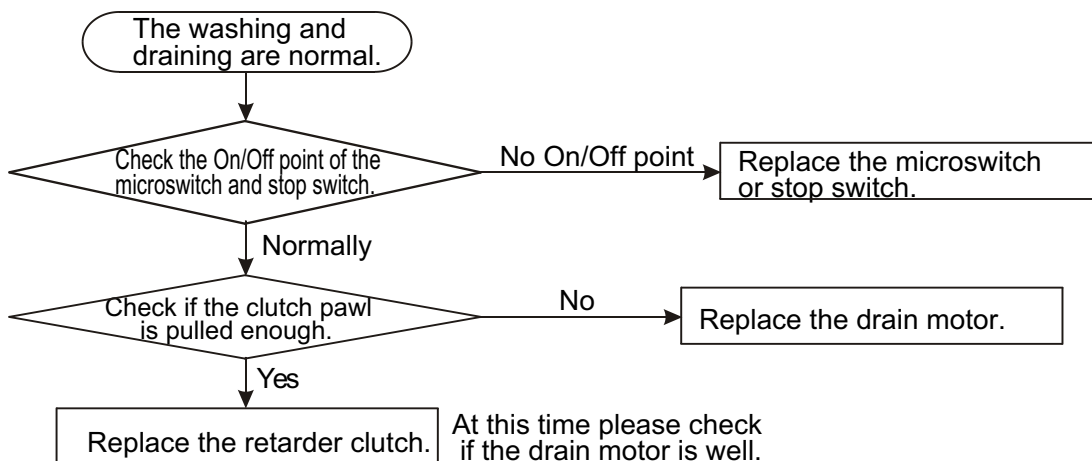
### No draining



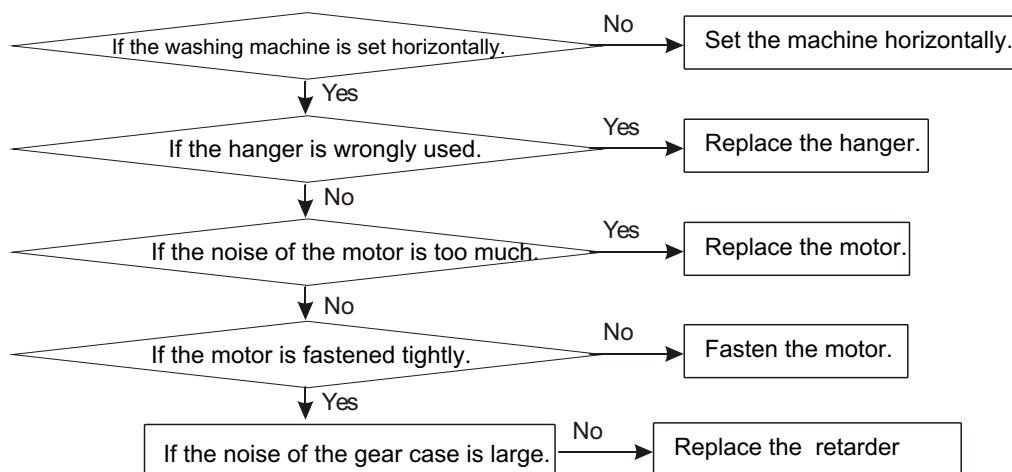
### Keep filling water



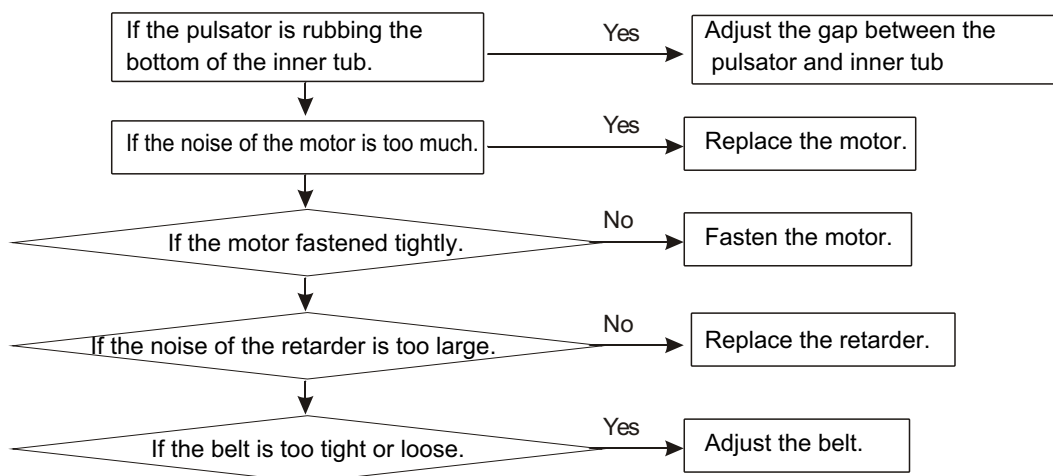
### No spinning



### Too much noise in spinning



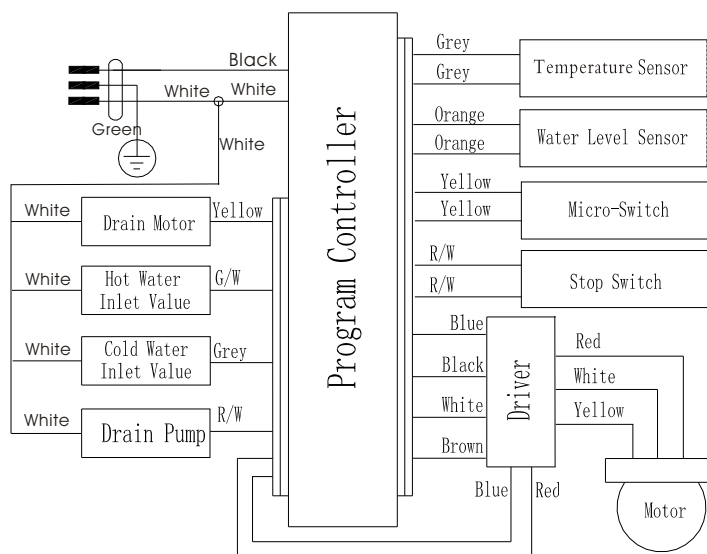
### Too much noise in washing








Phenomenan	The reason	How to settle
In washing,rinsing,spinning, the machine stops running.	<ul style="list-style-type: none"> <li>● The top lid is not closed.</li> </ul>	<ul style="list-style-type: none"> <li>● Close the top lid.</li> </ul>
No water filling or filling slowly	<ul style="list-style-type: none"> <li>● Is the drain hose put up?</li> <li>● Is the water pressure lower?</li> </ul>	<ul style="list-style-type: none"> <li>● Put up the drain hose. Open and close the top lid once.</li> <li>● Wait for the normal water pressure before use.</li> </ul>
The machine does not act.	<ul style="list-style-type: none"> <li>● Is there power failure?</li> <li>● Is the power plug loose?</li> </ul>	<ul style="list-style-type: none"> <li>● Use it when the power is on.</li> <li>● Insert the power plug tightly.</li> </ul>
There's abnormal sound inside the machine.	<ul style="list-style-type: none"> <li>● Is the machine slanting?</li> <li>● Are the laundries slanting in spinning?</li> </ul>	<ul style="list-style-type: none"> <li>● Level the machine properly.</li> <li>● Re-order the laundries.</li> </ul>
The water faucet leaks.	<ul style="list-style-type: none"> <li>● Is the jointer screw of the water inlet hose is loose or twisted awry?</li> </ul>	<ul style="list-style-type: none"> <li>● Fasten the jointer screw properly.</li> </ul>
During draining, the washer continues draining when push in programme selector knob.	<ul style="list-style-type: none"> <li>● It is special phenomena for washer with pump.</li> </ul>	<ul style="list-style-type: none"> <li>● If do not need continue draining, you can raise the entrance of drain hose and let water flow back inner tub. .</li> </ul>





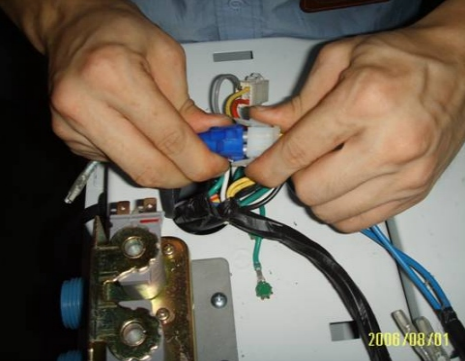
### Common phenomena

Phenomena	Explanation
<ul style="list-style-type: none"> <li>● Press the "Process " button to select "Spin", but it doesn't work.</li> </ul>	<ul style="list-style-type: none"> <li>● The program is setting the drain time. Some time is needed before it starts spinning.</li> </ul>
<ul style="list-style-type: none"> <li>● There may be some water flowing out of the drain hose in the first use of the machine.</li> </ul>	<ul style="list-style-type: none"> <li>● It is the water remained in the factory inspection of performance.</li> </ul>

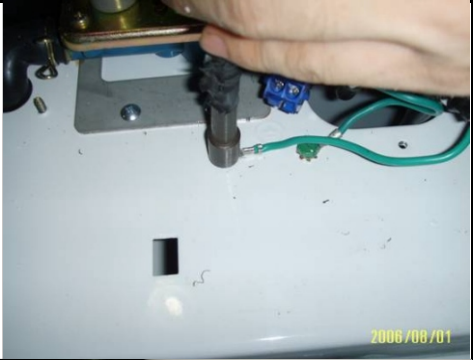











- There is overload protector installed in the motor. In case that the motor is overload or meets breakdown in working, the protector will act and stop the motor. When the breakdown is removed, the motor will resume normal working.

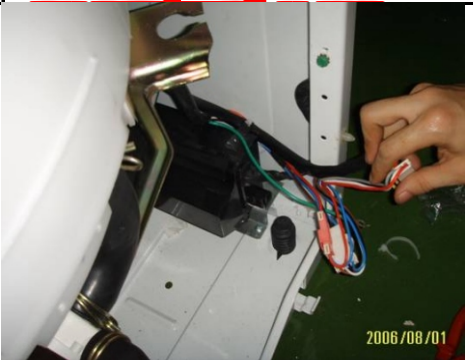
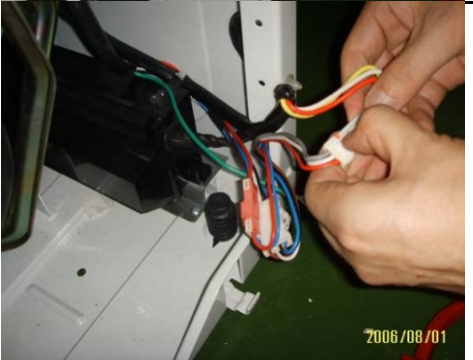



No	Component	Step	Picture
1	The back cover	dismantle the tapping screw	
2		dismantle the fasten button	
3		dismantle the screw of the back cover	
4	dismantle control panel	push the control panel	
5		take off the control panel	



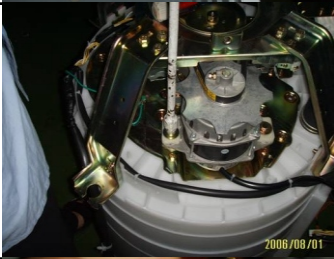


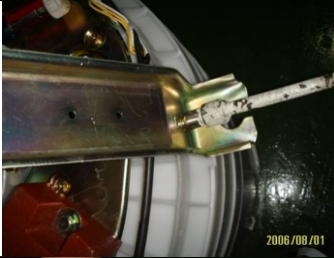

No	Component	Step	Picture
6	top lid	dismantle the screw of the top lid	
7	dismantle the lid switch	dismantle the screw of the lid switch	
8		take off the lid switch	
9	dismantle the wire module	dismantle the connector of the part	
		dismantle the wire connector	



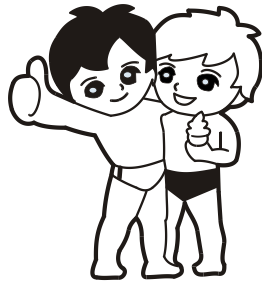
No	Component	Step	Picture
9	dismantle the wire module	dismantle the earth wire	
		remove the clamp of the wire modul	
10	the front door	dismantle the screw of the front door	
11		take off the front door	
12	the connector pipe	dismantle the connector pipe lamp,and take off the pipe	

No	Component	Step	Picture
13	the water filling pipe	dismantle the water filling pipe clamp	
14	dismantle the control panel seat	pull the control panel seat	
15		take off the control panel seat	
16	dismantle the inner cover	pull the inner cover to dismantle the inner cover	
17	dismantle the pulsator	unfasten the pulsator screw and take off the pulsator	

No	Component	Step	Picture
18	dismantle the connector of the drive board	dismantle the connector of the drive board	
19			
20	drain pipe	dismantle the screw of the drain pipe	
21		dismantle the pipe clamp	
22	the tub component	take out the tub component from the front side of the cabinet	

No	Component	Step	Picture
23	dismantle the drive board	dismantle the screw of the drive board in the bottom of the cabinet	
24		take out the drive board	
25	dismantle the motor	unfix the bolt of the motor	
26	dismantle the retractor	unfasten the line of the retractor.	
27		dismantle the retractor	
28	the support arm component	unfasten the bolt by spanner	
29		take off the support arm component	

Sincere Forever



Haier Group

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