SERVICE MANUAL

XPB10-LAP

TWIN TUB WASHING MACHINE

WD-8888-89

HAIER AMERICA TRADING, LLC
www.Haieramerica.com

CONTENTS

1.Contents …… 1
2. Features …… 2
3. Specifications …… 3
4. Safety precautions …… 4
5. Warning and cautions …… 5
6. Net dimension …… 6
7. Installation and accessory parts …… 6
8. Parts …… 10
9. Maintenance service and trouble shooting …… 11
10. Wiring diagram …… 14
11. Exploded view …… 15
12. List of parts …… 17

FEATURES

- Features
- Super large capacity, washing more clothes;
- Dish-pattern big wave wheel, stronger water flow;
- The drain and overflow adopt straight tube structure against the blocking;
- Separate water injection structure, more convenient switch between the water injections for washing, rinsing and spin.

SPECIFICATIONS

Model		XPB10-LAP
Free standing		√
Built under		□
EAN code		
Energy efficiency class		□
Features for use		
Wash capacity	Kg	10
Spin capacity	Kg	7
Level/Volume	L	High/about99L medium/about77L low/about65L
Preset	H	□
Residual dampness	%	≤115
Control model		Timer
controller		□
Normal computerized		□
Fuzzy computerized		□
Frequency conversion		□
Service features		
Programs		2
Short cycle		□
Inlet heating select		√
Heating selection		□
Spinning cycle (selector)		□
Spinning cycle (variable)		□
Start/Pause		□
Automatic balancing		□
Aesthetics		High head
Cabinet material（P=Plastic/Z=Zincking/C=Cold）		Z
Rolled stainless steel		
Inner drum(stainless steel=s/plastic=p)		P
Drain type		Down
Door (glass=g / plastic=p)		□
Adjustable feet		□
Technical data		
Voltage/frequency	V/Hz	120/50
Energy consumption	kWh	
Water consumption	L	
Wash power	W	280
Spin power	W	170
Special function		
Air-Bubble		□
Feet wheel		□
Water fall current		□
Dimensions (measurements)		
Height / built under	mm	986
Width	mm	876
Depth / with open door	mm	500
Dimensions packed (measurements packed)		
Height	cm	1040
Width	cm	940
Depth	cm	578
Net weight	kg	35.5
Gross weight	kg	40
20'Container load	Sets	44
40□Container load	Sets	88
40H□Container load	Sets	124
NOTE: " √ " FOR AVAILABLE, "□" FOR NOT AVAILABLE □-□FOR NOT APPLICABLE		

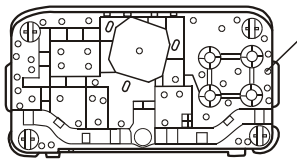
SAFETY PRECAUTIONS

Please insert the power cord into special receptacle with rated voltage. Be sure to use single-phase two pins receptacle. The earthing terminal must be earthed reliably. If possible, please adopt electric leakage protector.

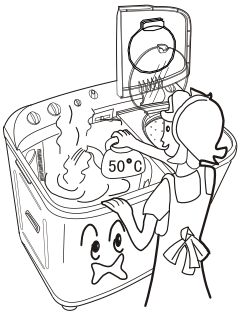
When the machine is normally using, please put the power plug at the location easily to be inserted and extracted by hand. Be sure to pull the plug off when the power failure, or the machine is being moved, cleaned or when it is idle.

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.

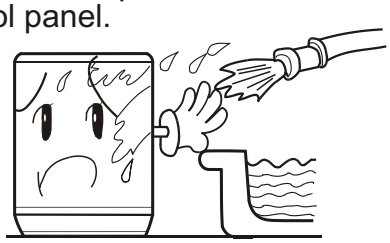
In case the washing machine is installed on ground with carpet , do not block the ventilation hole with carpet.



Do not use water hotter than 50°C .

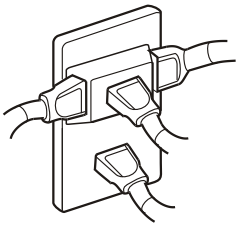


Do not put the machine at damp place like the bathroom . Never wash it with water. Do not place wet laundries on the control panel.



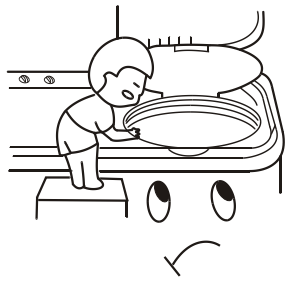
Do not wash water-proof laundries such as the raincoat, bicycle shelter etc. To avoid abnormal vibration during spinning.

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.

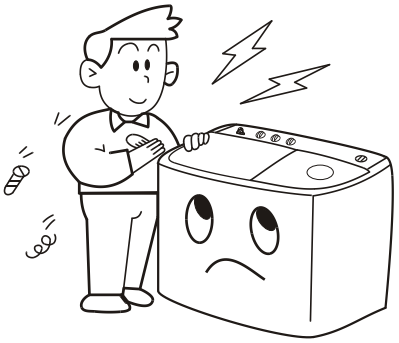


WARNING AND CAUTIONS

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

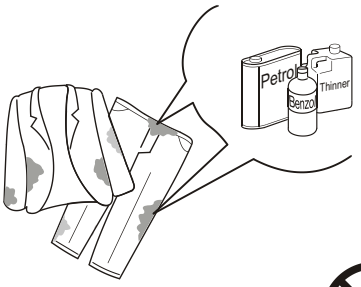


Do not decompose, repair or alter the machine by yourself.

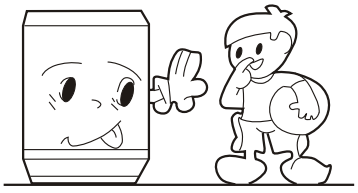


Do not put any hot or heavy items (such as the kettle with hot water) on the washing machine.

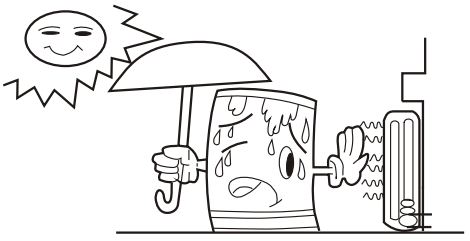
Do not wash laundries with volatile materials (such as thinner, petrol etc.).



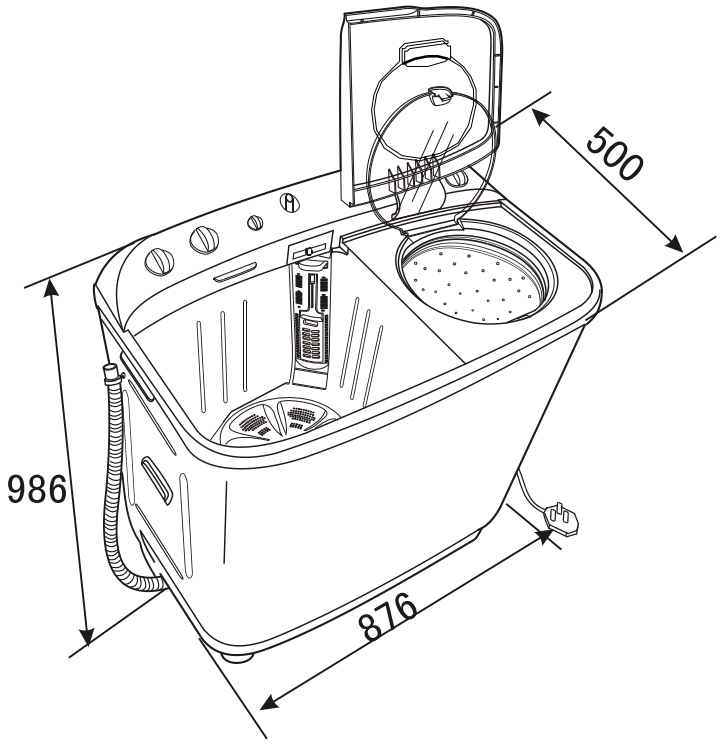
Handicapped or children without care shall not use the machine.



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



NET DIMENSION



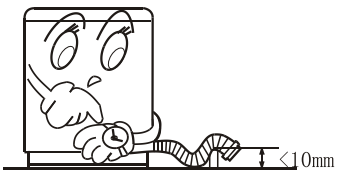
Unit（mm）

Figure 1

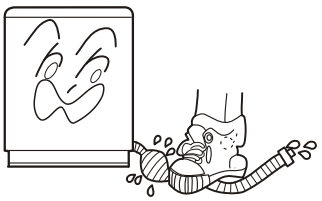
INSTALLATION AND ACCESSORY PARTS

The drainage shall be smooth with the drain hose.

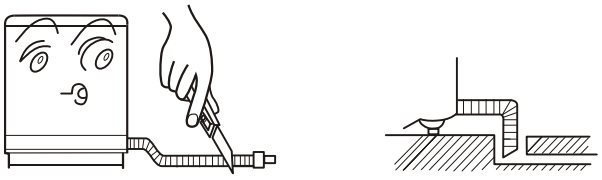
1.The height of the drain hose shall be less than 10cm. or the drainage will not be smooth enough and cause incomplete drainage.



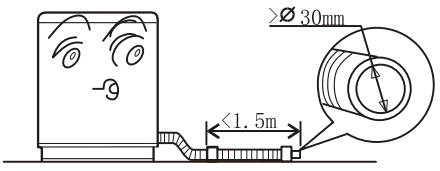
2.Do not step on or press the drain hose.



3.If the drain hose is too long, cut it at mid point. To make smooth drainage, cut the front end of the hose slantingly.



4.IF extra drain hose is needed, please make separate purchase. The inner diameter of the extra hose shall be not less than 30mm, and the length shall be not exceed 1.5m.



INSTALLATION AND ACCESSORY PARTS

How to change the direction of the drain hoses

- Figure 1 indicates the ex factory installation position of the drain hose.

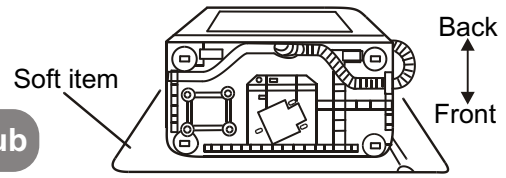


Figure 1

Extend the drain hose from the side of spin tub

- Put soft items on the ground. Lean the machine down gently with the front surface facing the ground. Take off the drain hose from the cabinet. Dismantle the drain hose fixing clamp and take the hose out of the fixing groove. (See to Figure 2).

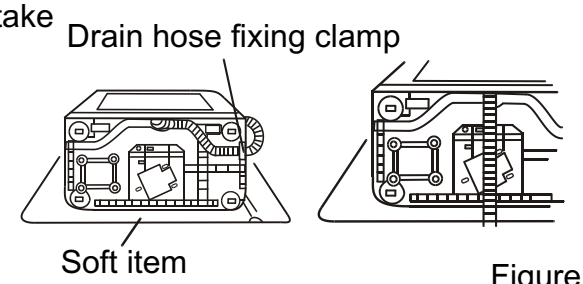
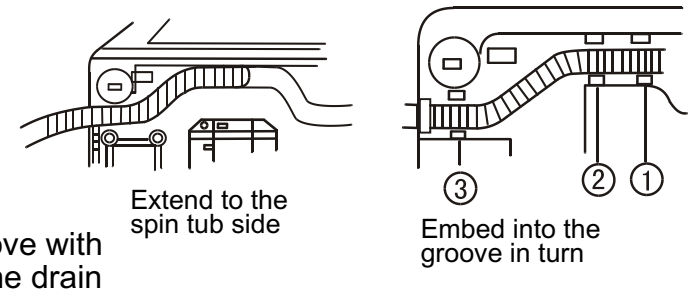


Figure 2

- Embed the drain hose into the groove along the side of the spin tub in the order of (1)~(3), heading for the side of the spin tub. (See to Figure 3).



- Embed the drain hose into the groove with hands. Take care not to damage the drain hose in fastening the fixing clamp.

Figure 3

Extend the drain hose from the rear side

- Dismantle the drain hose fixing clamp. Take out the drain hose from the fixing groove. Extend it from the rear side as per the direction of the arrow. (When the drain hose is extended from the rear side, it can be hung on the point for drain hose at the two sides of the cabinet.) (See to Figure 4).

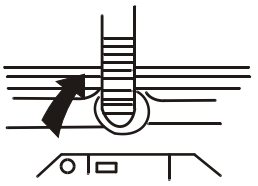


Figure 4

Points of Attention in After-sales Service

●Be sure to switch off the power during dismantling or repair.

●Be sure to use insulated wiring terminals and insulation box in connection of the wires, and crimp and fix to proper position with suitable tools.

●In welding connections with electric iron, be sure to twist the wires before welding, and insulate with insulation tapes.

●In welding the wires with electric iron, be sure not to touch the resin part and insulation part of each switch.

●The inlay connection wires and terminals shall not be loose or drop.

●Do not make the wires touch the moving parts like the belt, pulley of the motor, brake bar etc. Do not make the wires touch the sharp edges and high-temperature area.

●In case that there are metal parts with the wires, do not make the wires touch the metal parts. Insulation materials are needed between them.

●After assembly, the washing machine shall act normally. Check if it leaks and if the sound and vibration are normal.

Dismantling and installation of the control panel component

Loosen the fastening screws. Pull towards the direction indicated in the figure to dismantle the control panel. In installation the beard shall lock into the installation hole of the major frame. (Figure 6)

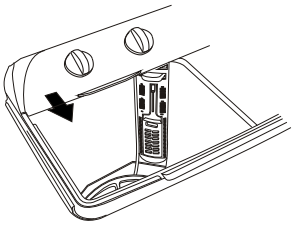


Figure 6

Dismantling and installation of the spin tub frame component

Push the points marked with "※" as indicated in the figure and pull the spin tub frame towards upper left direction to dismantle the spin tub frame components. In installation, after set the rear side of the spin tub frame to proper position, push the four points marked with "※" downwards by force to resume its original position. (Figure 7)

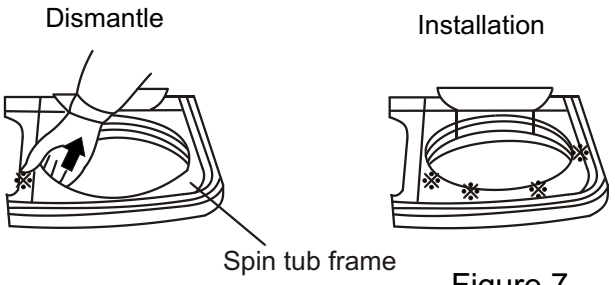


Figure 7

Dismantling and installation of the spin tub

Dismantle the spin tub frame component. Loosen the fastening screw of the spin tub shaft. The spin tub then can be taken out. In installation, be sure to inlay the bulge of the inner lining of the brake wheel into the groove of the spin tub shaft. (Figure 8）

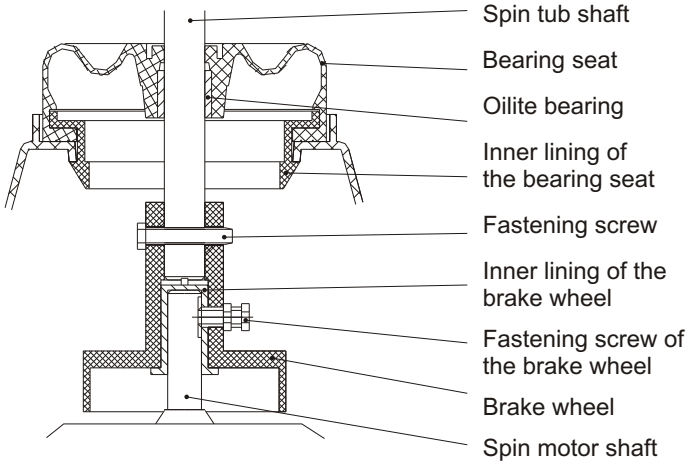


Figure 8

Adjust the tension of the belt

Loosen the fastening screw at the back of the base frame. Move the shift fixing gasket along the direction indicated in the figure to adjust the tension of the belt. After adjusting, fasten the screw. (Figure9)

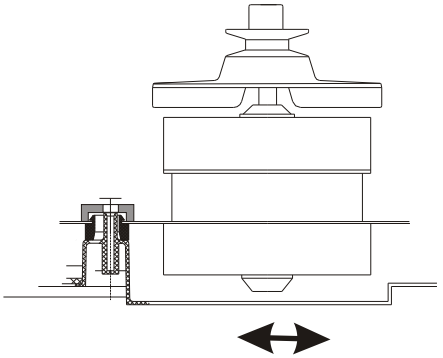


Figure 9

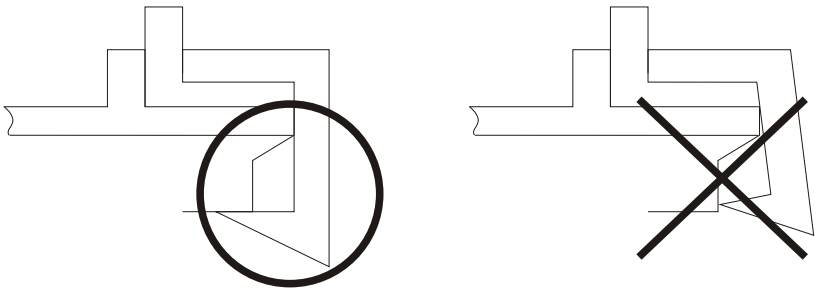
Dismantling and installation of the base frame

Dismantle the back cover. Loosen the wires. Loosen the fastening screw of the spin tub shaft. Separate the shaft from the brake wheel. Loosen the brake hook. Take off the brake cable frame from the installation groove of the twin-tub. Take off the V-belt. Take out the drain hose from the groove of the base frame. Loosen the fastening screw between the base frame and the cabinet to dismantle the base frame component.

Dismantling and installation of the bearing seat

Once the bearing seat is taken off, it can not be utilized again. Therefore do not dismantle it as far as possible. In case that it has to be replaced, please dismantle it as per following sequence, then install a new bearing seat.

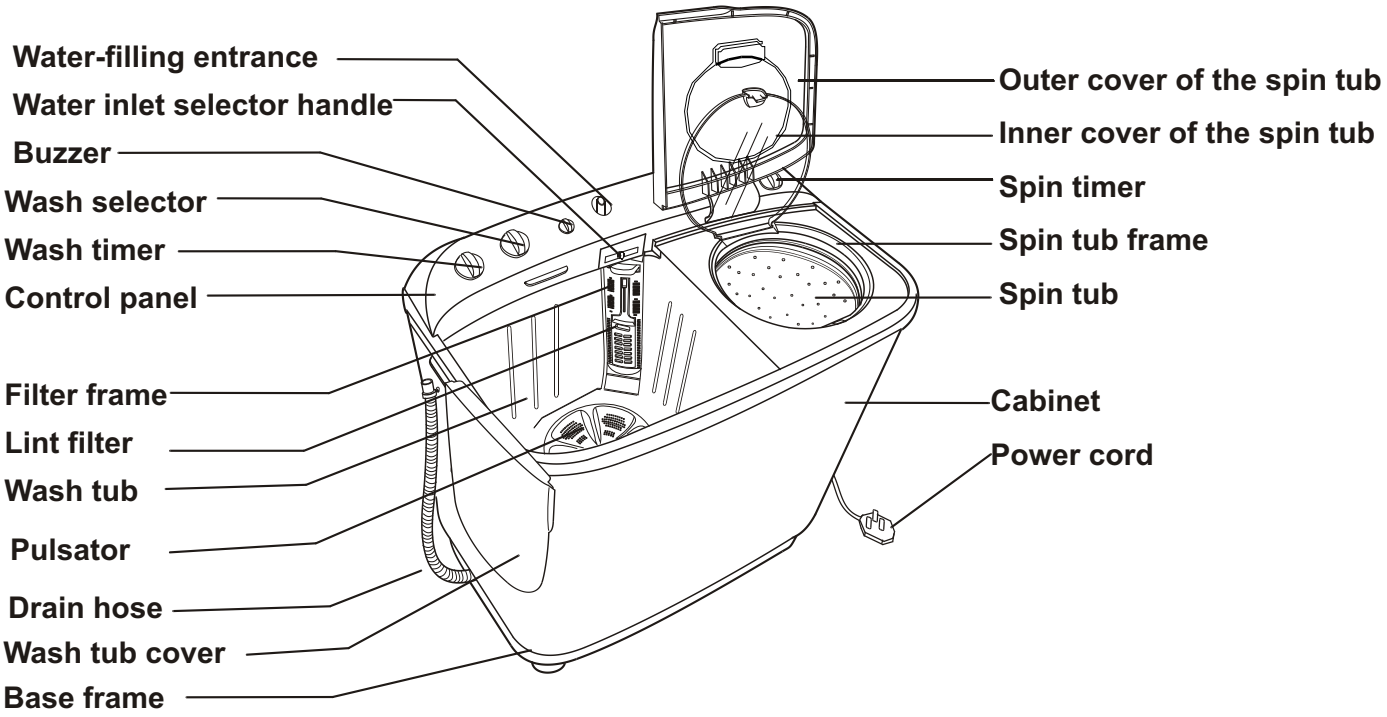
- Dismantle the spin tub as per Clause 9.4. Then pull out the bearing seat.
- Cut off the inner lining claw inside the bearing seat with cutting pliers and take it out.
- Install the new bearing seat and inner lining.
- The bearing seat is an inlay component. Be sure to aim the claw of the inner lining at the hole of the tub then push it in. Please use suitable tools and add even pressure around the tub.
- After inlay the bearing seat, check if the claw is installed to proper position from the outside of the twin-tub (Figure 10).



Right Wrong

Figure 10

PARTS AND FUNTIONS



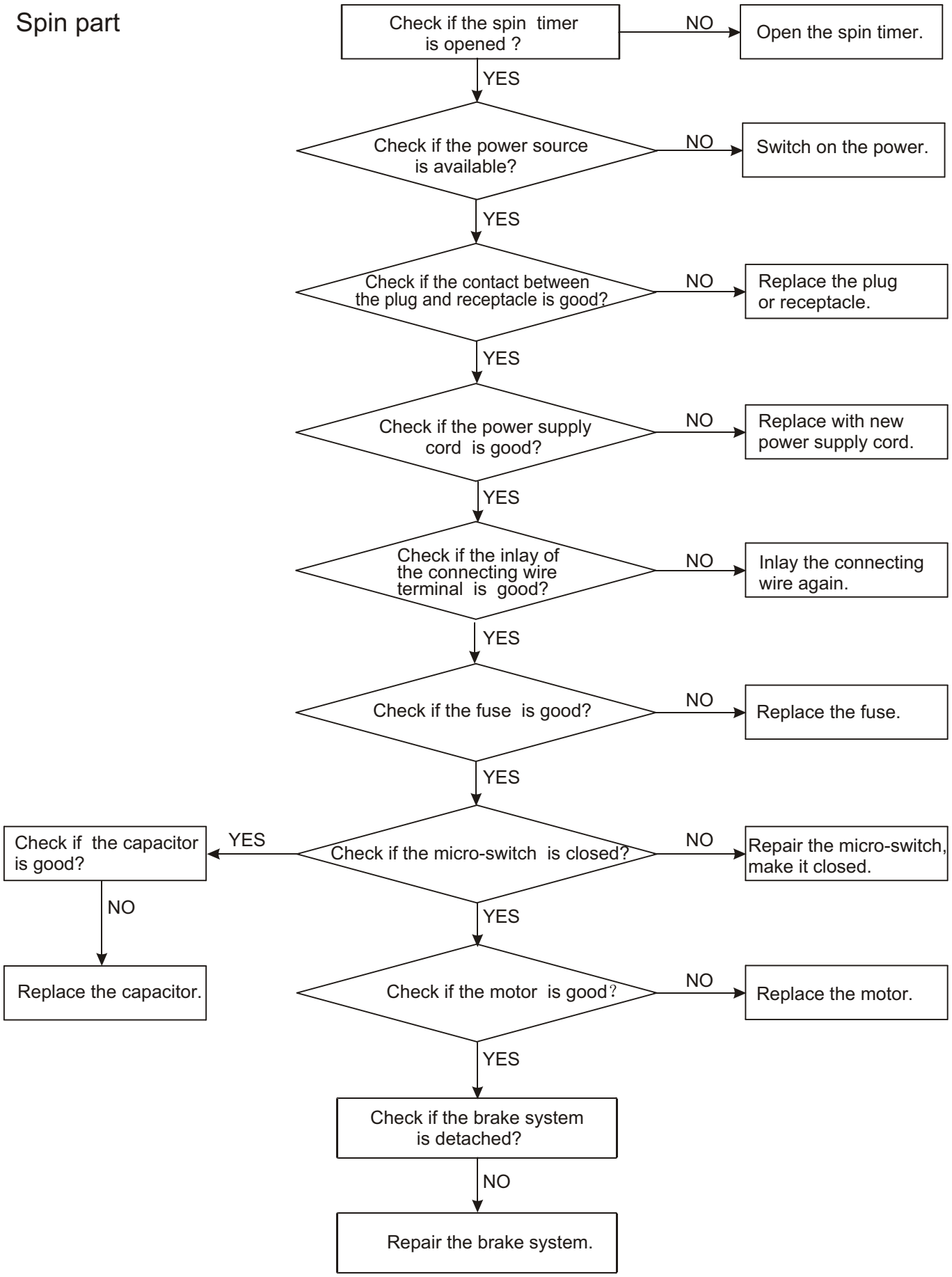
MAINTENANCE SERVICE AND TROUBLE SHOOTING

Insert the power plug , but the machine does not work

Wash part

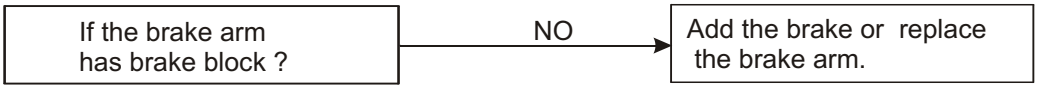
MAINTENANCE SERVICE AND TROUBLE SHOOTING

Spin part

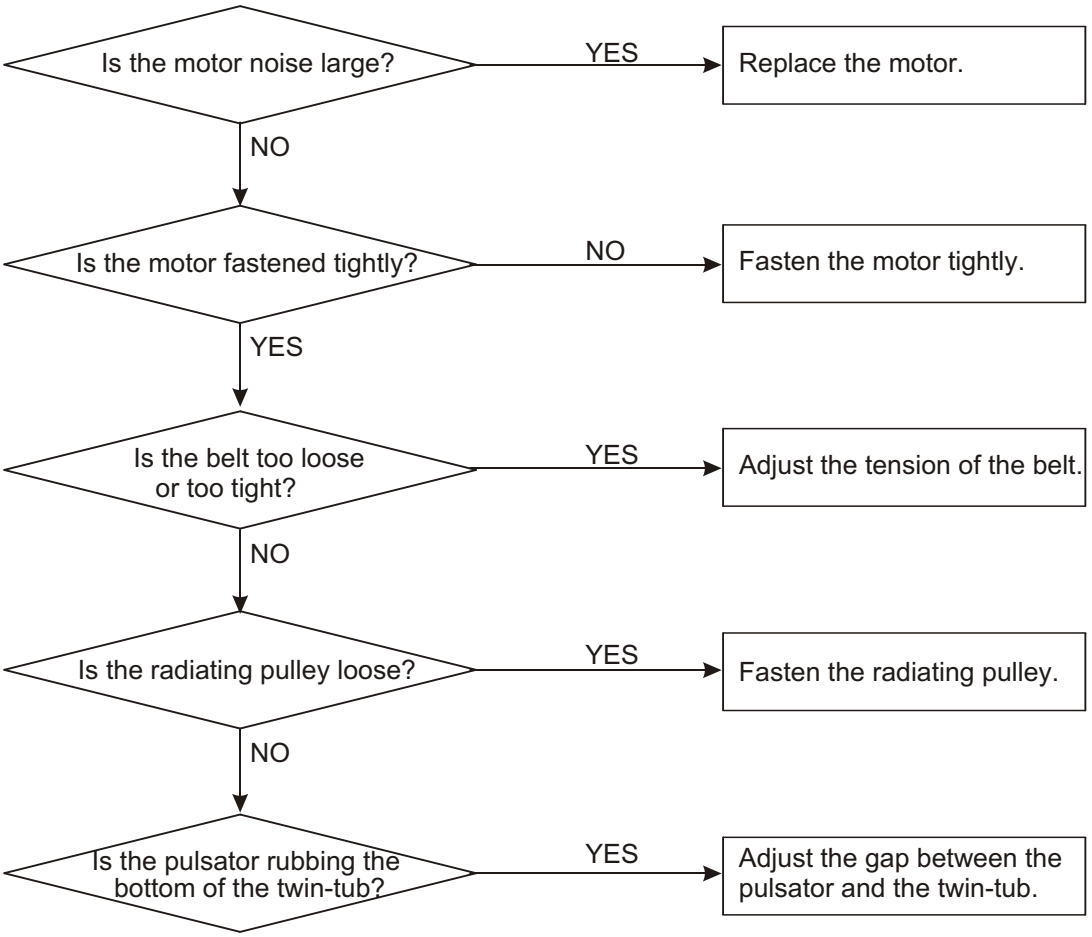


MAINTENANCE SERVICE AND TROUBLE SHOOTING

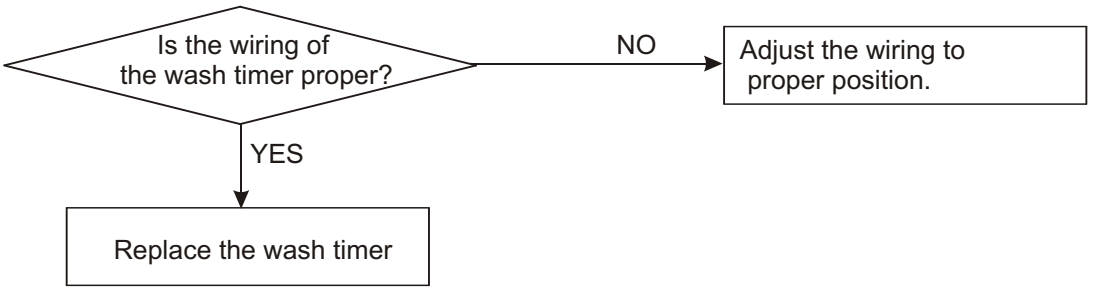
There is metal rubbing noise in braking



The washing noise is too large



The pulsator only rotates towards one direction



WIRING DIAGRAM

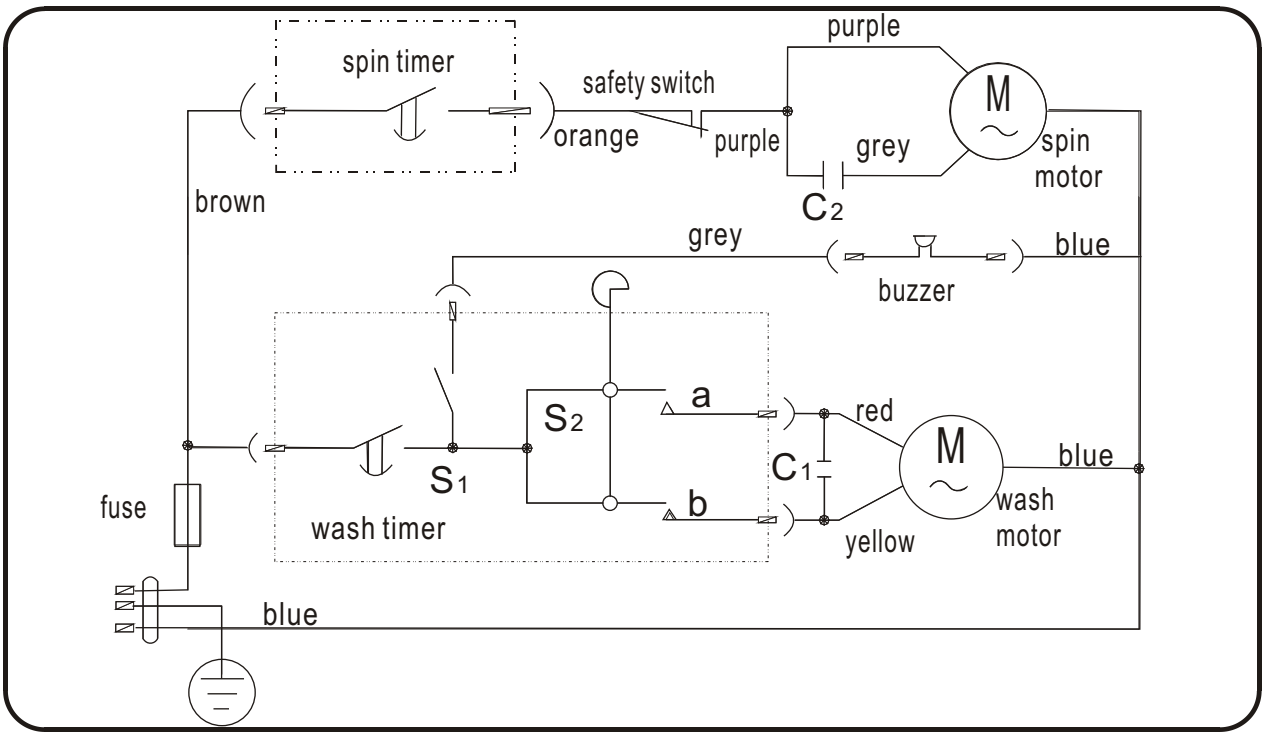


Figure 13

- 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.
- Actual Circuit Diagram

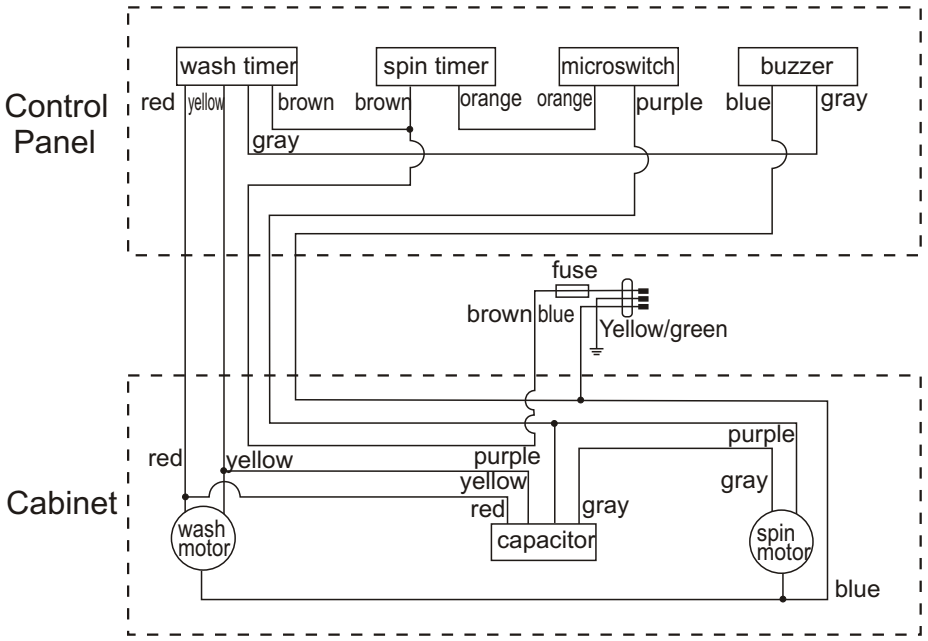


Figure14