

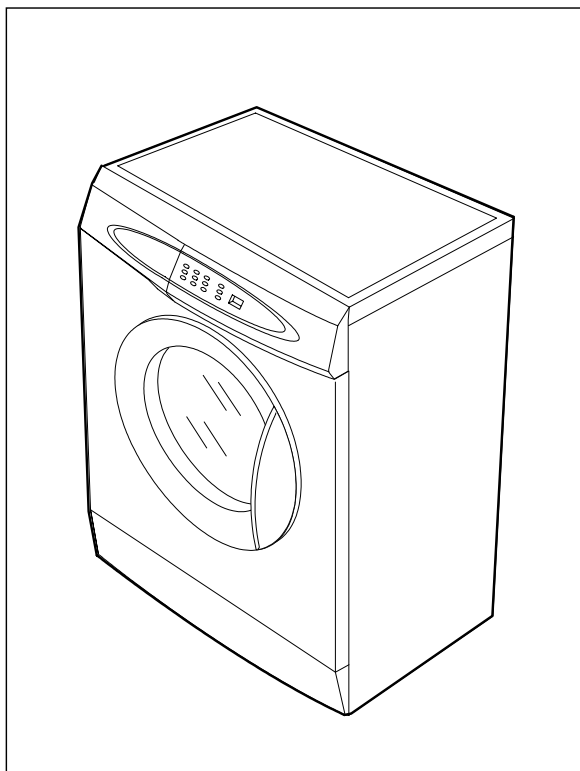


WASHING MACHINE

S832GWL/YLP

ERVICE Manual

WASHING MACHINE



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Caution for the safety during servicing

1. Do not allow the customer to repair the product.

⚠ The person may be injured or the product life may be shortened.

2. Execute A/S after unplugging the power supply unit.

⚠ Be care of the electric shock.

3. Do not plug several plugs in the same outlet.

⚠ It may cause the fire due to overheat.

4. Check the damage, pressing or burning of the power plug or outlet.

⚠ Replace it promptly if it has problem.((may cause the electric shock or fire))

5. Do not clean the main body with the water.

⚠ It may cause the electric shock and fire and shorten the product life))

6. The wiring of the harness shall be free from the moisture and tightened during serving.

⚠ It shall not be deviated by certain impact.

7. Remove any dust or filth on the housing section,wiring section,connection section during servicing.

⚠ Protect the cause of the fire such as the tracking,and etc.

8. Check any mark of the moisture on the electrical parts, harness section and etc.

⚠ Replace the parts or remove the moisture.

9. Check the assembly status of the parts after servicing.

⚠ Maintain the status before servicing.

10. Pull out the power cord with holding the plug.

⚠ Be care of the electric shock and fire when the cord is damaged.

11. Unplug the power plug from the outlet when the wash machine is not used.

⚠ Be care of the electric shock and fire due to the strike of the lightening.

12. Do not use or store the spray or flammable materials(including gasoline,alcohol and etc.) around the wash machine.

⚠ Be care of the explosion or fire due to the electric spark.

13. Do not put the bowl of water or wet laundry on the wash machine.

⚠ If the water is penetrated to the wash machine, this may cause the electric shock or fire.

14. Do not install the wash machine in the place where the snow or rain falls.

⚠ It may cause the electric shock and fire and shorten the product life.

15. Do not push the control buttons with the awl,pin, or sharp materials.

⚠ It may the electric shock and trouble.

16. Check the wash machine is leveled horizontally and installed properly on the floor.

⚠ The vibration may shorten the product life.

17. Joint the wire by the connector correctly.

⚠ When the wire is jointed by the tape, this may cause the fire due to the tracking.

18. When the wash machine is to be laid for the service, put the pad on the floor and lay the product at side slowly.

⚠ If the wash machine is laid front, the relay may be damaged by the tub.

19. When the wash-heater is replaced, check it is inserted in the bracket-heater and screw the nut.

⚠ If the wash--is not inserted in the bracket-heater properly, this may cause the noise and leakage since it is contacted to the drum.

7. General Error Function

When an error occurs, this function starts to keep generating error melody sounds and displays error indicators as shown in the followings per corresponding error by blinking in 0.5sec interval until the error status is completely cleared out. In this case, all the driving devices are turned off until the error is cleared out.

○ : Light on
● : Light off

1. WATER SUPPLY ERROR

- Display shows such as fig. 1
- Water Supply Error occurs when water level frequency does not show changes more than 100Hz or water is not supplied up to the water level presetting for 20 min or more at the time of initial water supply.
- The error status can be cleared by turning POWER S/W OFF and resuming the POWER ON initial status.

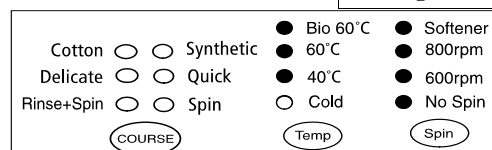


fig. 1

2. WATER DRAIN ERROR

- Display shows such as fig.2
- In case the water level frequency is 24.5KHz or less in the initial phase of UNB-detecting cycle.
- Water Drain error can be cleared by turning POWER S/W OFF and resuming the POWER ON initial status.

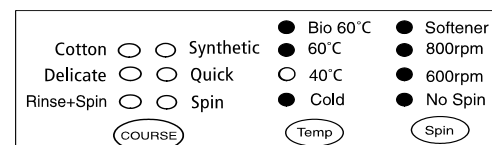


fig. 2

3. OVER-FLOW ERROR

- Display shows such as fig.3
- Over-Flow error occurs when the water level is in abnormal operation. It can be cleared by turning POWER S/W OFF.
- Water is drained prior to POWER S/W OFF and it is forced to be drained for 2 min if a frequency of more than 24.5 KHz is detected.

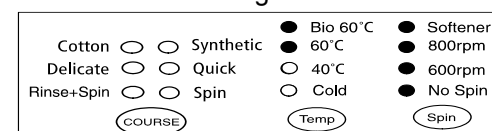


fig. 3

4. UNBALANCE ERROR

- Display shows such as fig.4.
- Laundry load is unbalanced; loosen any tangled laundry.
- If only one item of clothing needs washing, such as a bathrobe or jeans, the final spin result might be unsatisfactory and an error message will be shown in the display panel such as fig 4..
- Unbalance error is cleared by POWER S/W OFF and by resuming the POWER ON initial status.

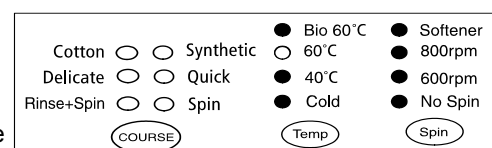


fig. 4

5. WATER HEATER ERROR

- Display shows such as fig.5 or fig.6
- In case the water temperature rises by 7°C or more in 1 min. or by 2°C less in 10 min after heating is started.
- It can be cleared by turning POWER S/W OFF.

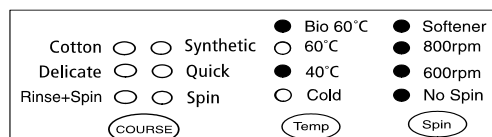


fig. 5

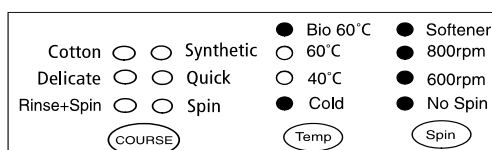


fig. 6

6 DOOR OPEN ERROR

- Display shows such as fig.7
- Door Open error can be cleared by closing the door.

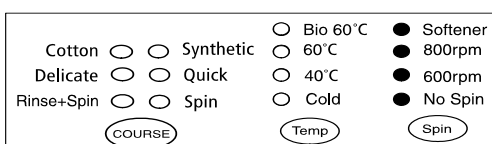


fig. 7

7. ASS' Y PRESSURE S/W ERROR

* Generated Frequency Signal of WATER LEVEL(W/L) S/W (KHz)

Level	Low Level	High Level
Abnormal W/L Frequency	30.00 KHz	15.00 KHz

7. General Error Function

- If the same signal as the above table is detected for more than 5 seconds, it is a PRESSURE S/W Error.
- When the error occurs, water drain pump will operate for 3 min. and then turn off the water drain pump.
- Then the display shows fig. 8 indicating a pressure s/w error indicator.

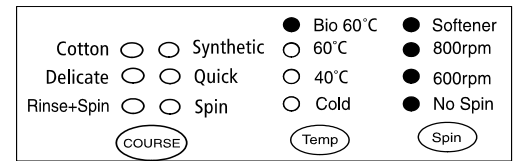


fig. 8

8. ABNORMAL WATER TEMPERATURE ERROR

- In case the water temperature is 50°C or more in Delicate and Wool course.
- At the time of initial water supply, if the water temperature is not appropriate, water starts to be drained and it is forced to be drained for 2 min when the abnormal frequency of 24.5KHz is detected.
- Display shows fig. 9
- This error can be cleared by POWER S/W OFF.

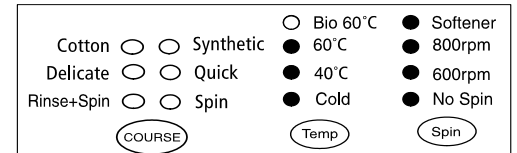


fig. 9

9. WATER LEAKAGE ERROR (E9)

- Water Leakage error occurs when water is drained naturally after washing program starts.

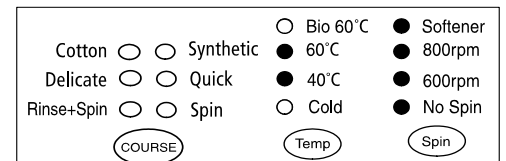


fig. 10

10. Tacho Error

- This error occurs in case motor thaco is out of order or tacho signals inputted are fewer than 2
- Display shows fig. 11
- This error can be cleared by power s/w off

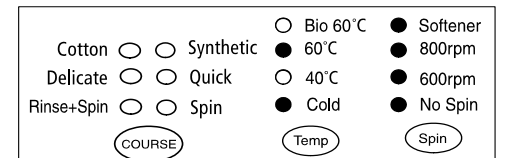


fig. 11

11. Motor Triac short Error

- This error occurs in case over 300 per 1 sec tacho signals are inputted power S/w should be off.
- fig. 12 is displayed.
- This error can be cleared by power s/w off

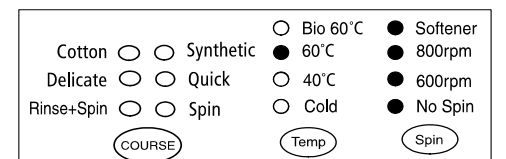


fig. 12

12. Thermistor error

- This error occurs, when Thermistor circuit is abnormal or the detected electrical volt is 0.2v below or 4.5v over
- fig. 13 is displayed
- This error can be cleared by power s/w off

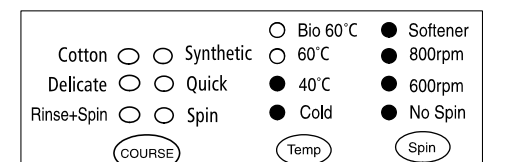
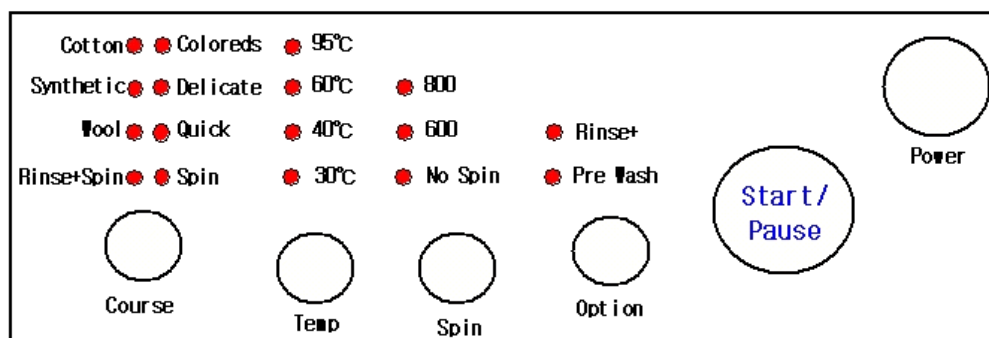


fig. 13

7. General Error Function

In case of "No display models"

■ Error Mode Display



error	Display	error	Display
E1	course led 6개 on, cold led on	E8	course led 6개 on, Bio 60°C led on
E2	course led 6개 on, 40°C led on	E9	course led 6개 on, cold/Bio 60°C led on
E3	course led 6개 on, cold/40°C led on	EA	course led 6개 on, 40°C/Bio 60°C led on
E4	course led 6개 on, 60°C led on	EB	course led 6개 on, cold/40°C/Bio 60°C led on
E5	course led 6개 on, cold/60°C led on	EC	course led 6개 on, 60°C/Bio 60°C led on
E6	course led 6개 on, 40°C/60°C led on	door	course led 6개 on, cold/40°C/60°C/Bio 60°C led on
E7	course led 6개 on, cold/40°C/60°C led on		

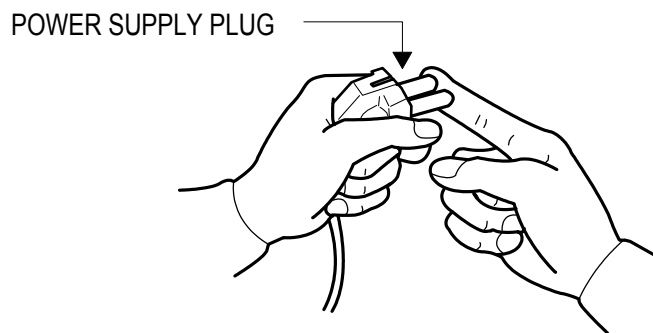
8. Trouble Diagnosis

- As the micom wash machine is configured of the complicate structure, there might be the service call. Below information is prepared for exact trouble diagnosis and suitable repair guide.

Caution for the Repair and Replacement

Please follow below instruction for the trouble diagnosis and parts replacement.

- 1) As some electronic components are damaged by the charged static electricity from the resin part of wash machine or the human body, prepare the human body earth or remove the potential difference of the human body and wash machine by contacting the power supply plug when the work contacting to PCB is executed.



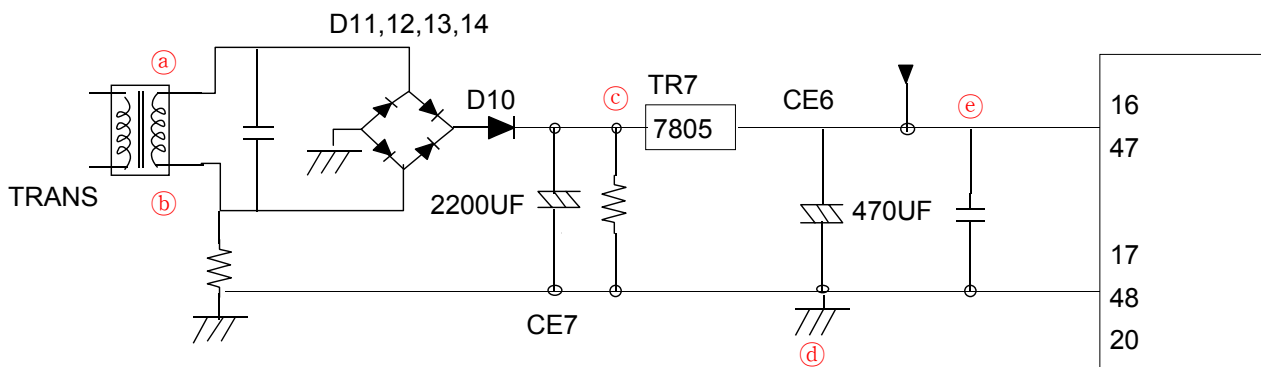
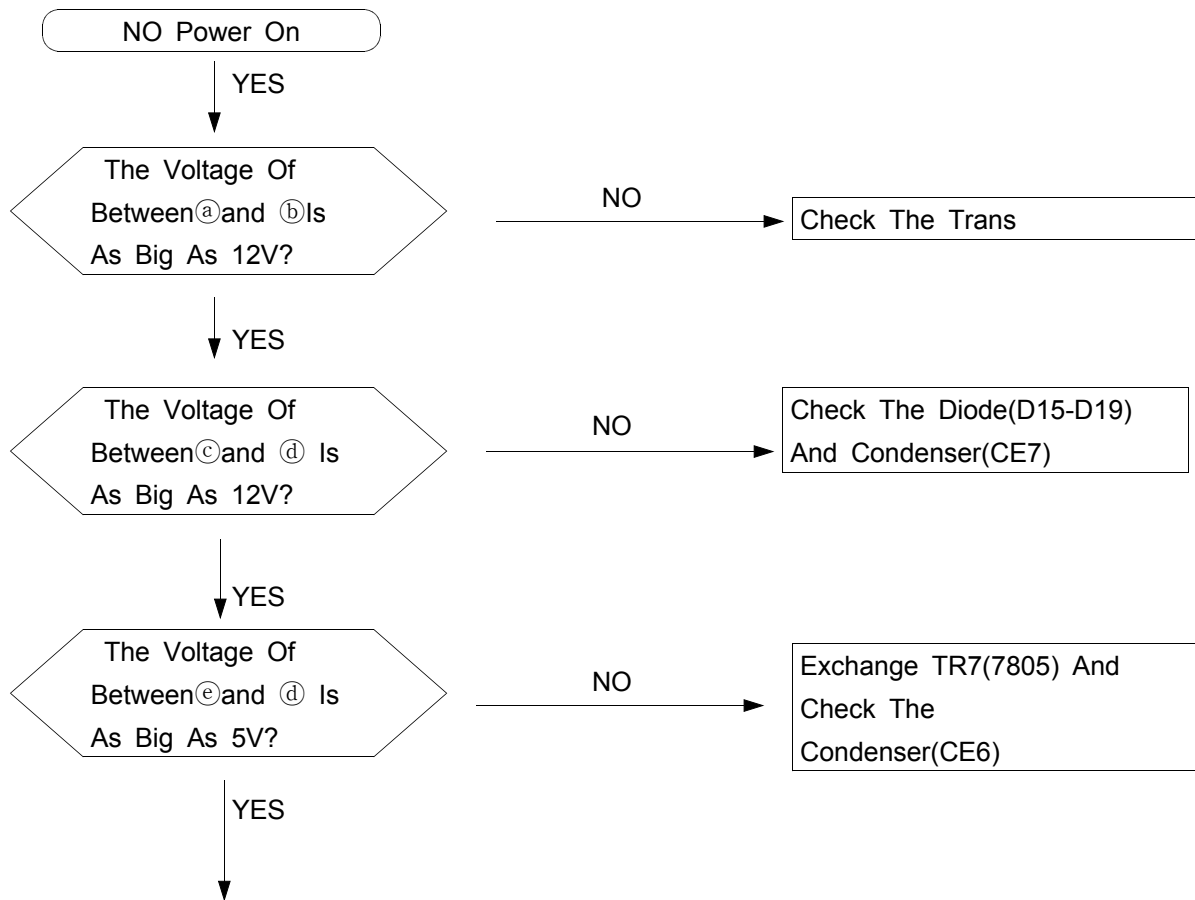
- 2) Since AC220~240V is applied to the triac T1 and T2 on P.C.B, the electric shock may occur by touching and be careful that the strong and weak electricity are mixed.
- 3) As the P.C.B assembly is designed for no trouble, do not replace the P.C.B assembly by the wrong diagnosis and follow the procedure of the trouble diagnosis when the micom is not operated normally.

8-1. Trouble Diagnosis

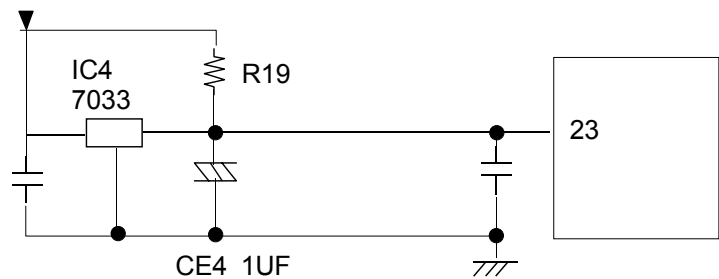
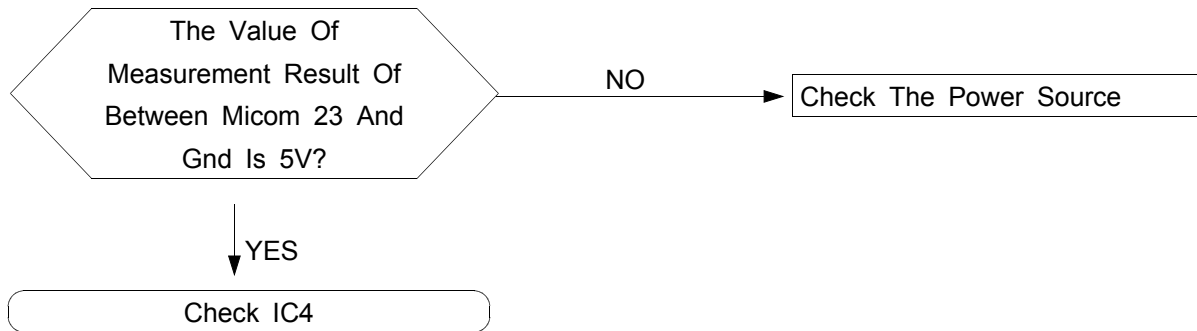
No	Item	Cause and treatment
1	The power is not supplied	- Is the PCB connector connected well? - Is the voltage normal? - Is the power supply plug connected well? - Is the noise filter connected well? - Is the secondary output of the power supply transformation normal? - Is the fuse disconnected? (option) • If above points are not found, the PCB assembly is out of order. Replace it.
2	The water is not supplied.	- Is the knob open? - Did you push START/PAUSE button after selecting the course? - Is the water supply valve connected well? - Is the winding of the water supply valve continuous? - Is the connection and operation of the pressure switch normal? • If above points are not found, the PCB assembly is out of order. Replace it.
3	The wash does not start though the water supply is stopped.	- Is the connection and operation of the pressure switch normal? - Is the pressure switch hose damaged so that the air is leaked? - Is the pressure switch hose bent? - Check the operation of the water level switch. • If above points are not found, the PCB assembly is out of order. Replace it.
4	The drum does not rotate during washing.	- Is the belt connected well? - Is the winding of the motor continuous? (Rotor winding, stator winding, generator) - Is the motor protector normal? • If above points are not found, the PCB assembly is out of order. Replace it.
5	The drum rotates by one direction during washing. (The drum rotates to one direction for SPIN.)	- The PCB assembly is out of order. Replace it. (Inversion relay open trouble)
6	Drainage problem.	- Is the drainage hose bent? - Is the winding of the drainage pump continuous? - Is the drain filter clogged by the waste? • If above points are not found, the PCB assembly is out of order. Replace it.
7	Dehydration problem.	- The unbalance is detected. - Put in the laundry uniformly and start again.
8	Abnormal noise during SPIN.	- Is the pulley nut loosen? - Is the transport safety device removed? - Is the product installed on the level and stable place? (Little noise may be generated during the high-speed SPIN.)
9	Leak breaker or current/leak breaker is down during washing.	<When the leak breaker and current breaker is installed separately> - When the leak breaker is down, check and make the earth of the outlet. - When the current is down, the current is leaked. <Is the breaker down when the leak/current breaker is combined?> - Check the rated capacity of the current and leak breaker. The current breaker may be down due to the lack of the current when the wash machine and other apparatus are used. In this case, execute the cold water wash to check whether the current capacity is lack.
10	The heating is not executed.	- Is the wash heater terminal unplugged? - Is the wash heater normal? - If above points are not found, the PCB assembly is out of order. Replace it.

8-2 . Problem Checkking And Method Of Pcb

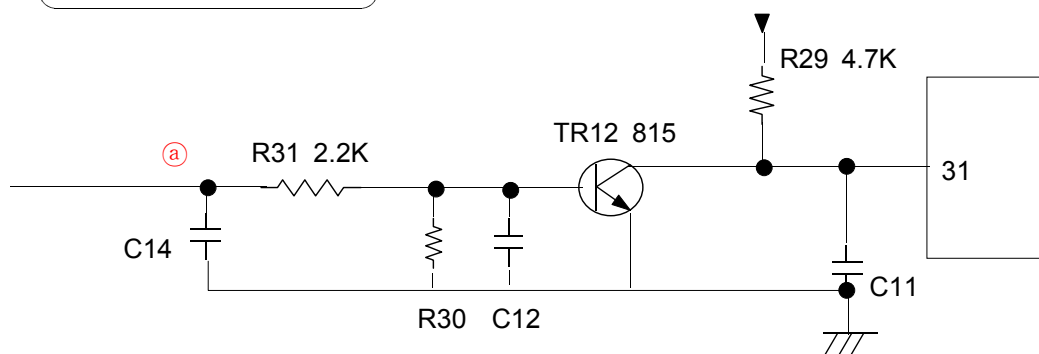
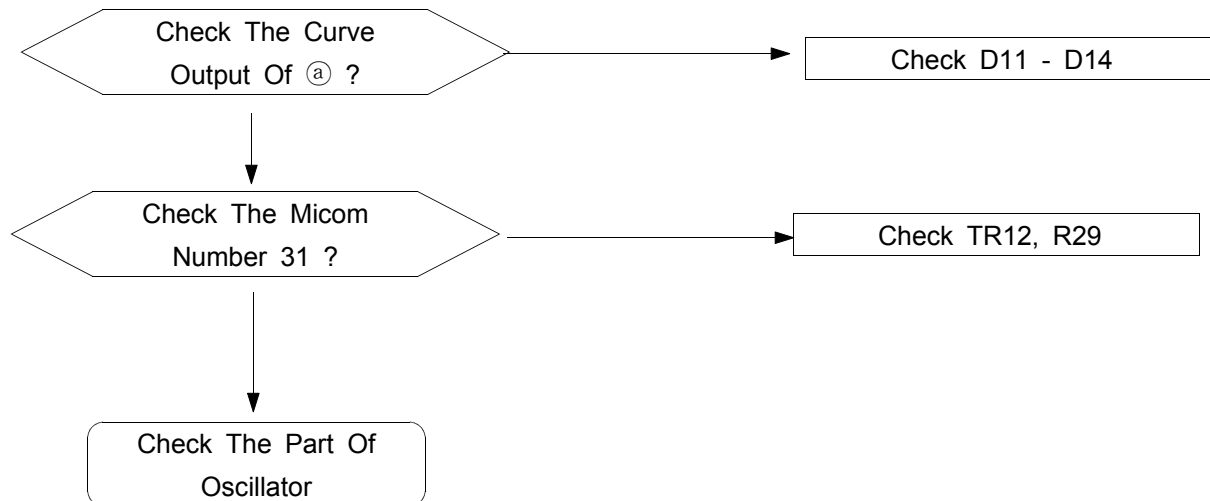
8-2-1 The Part Of Power Source



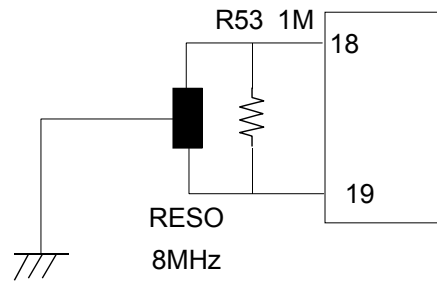
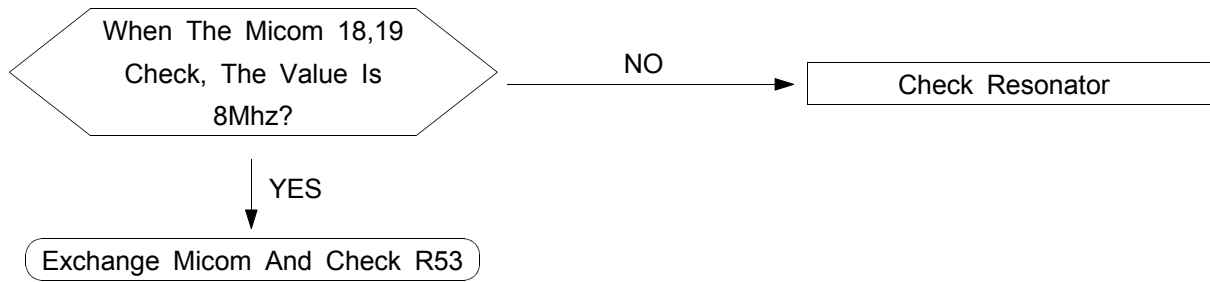
8-2-2. Reset Part



8-2-3. Interrupt Part



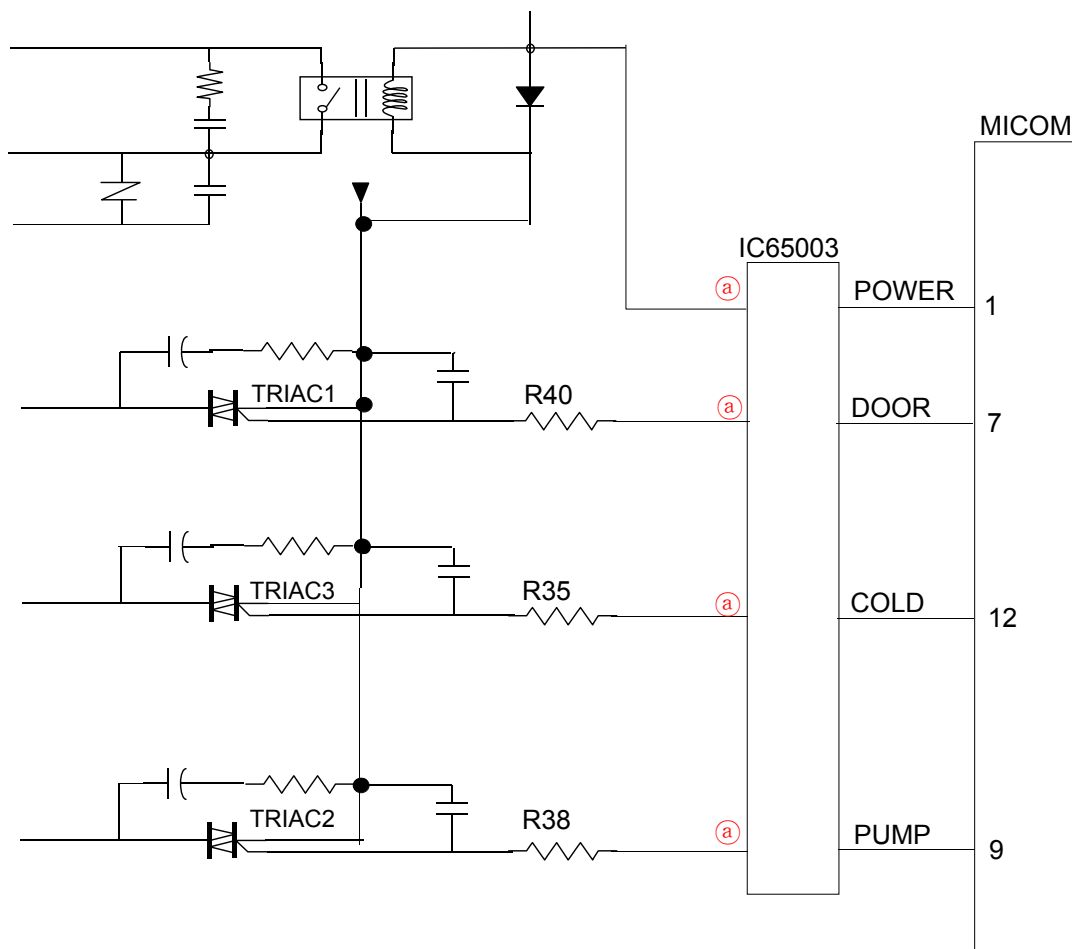
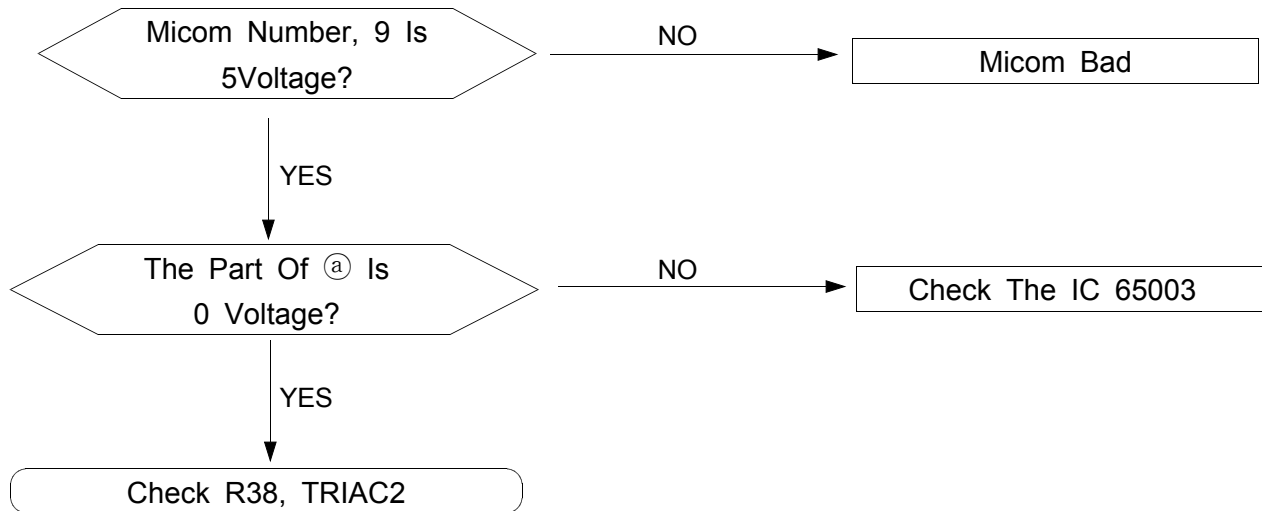
8-2-4. Checking The Part Of An Oscillator



8-2-5. Driving Part Checking

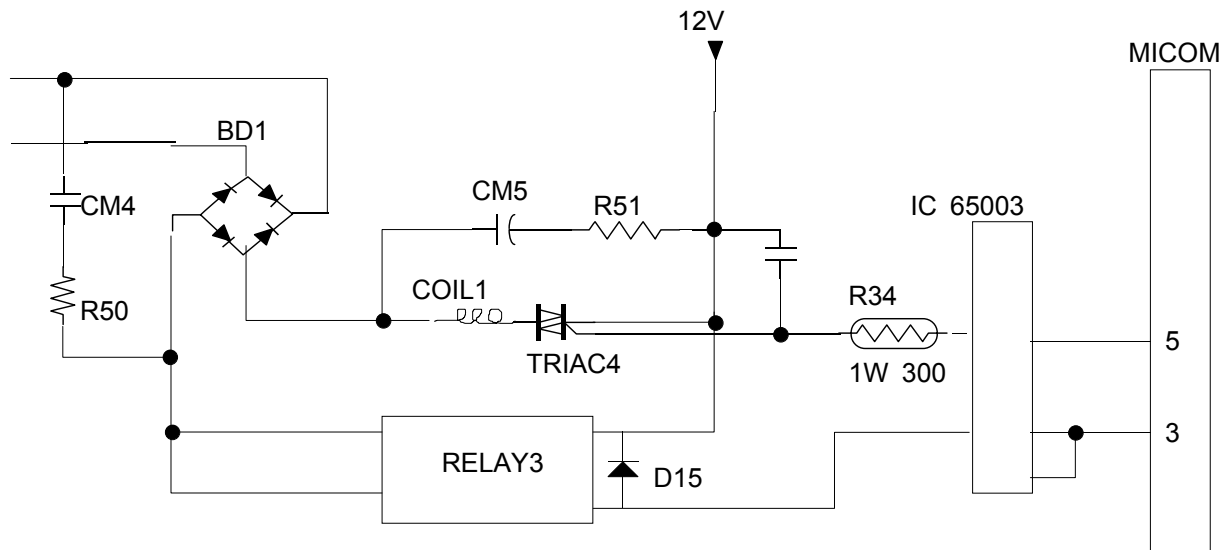
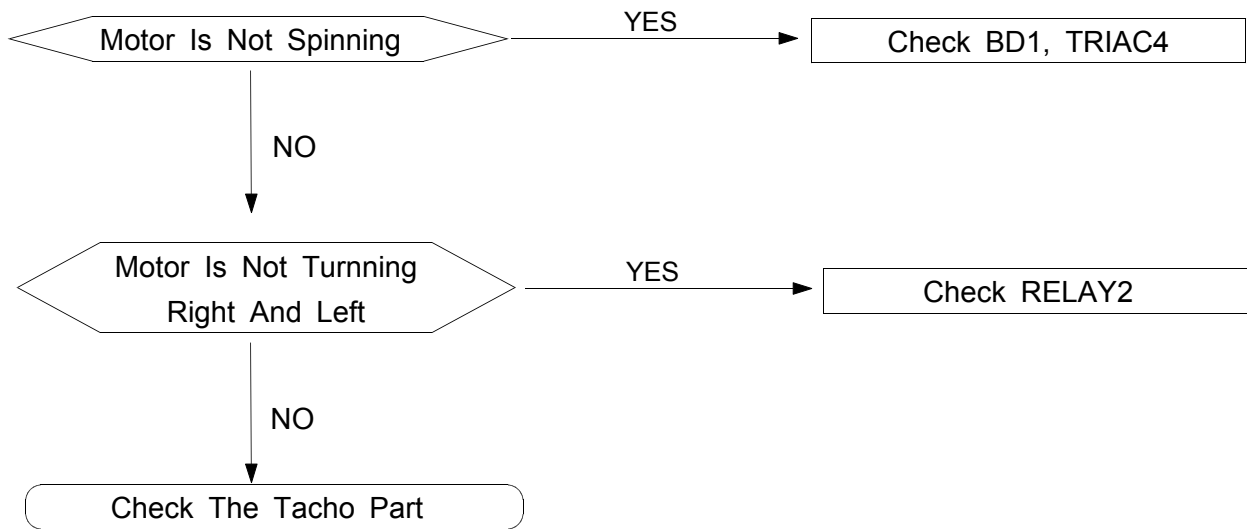
- ◆ Confirm The Output Of DC5V, When The Every Part Of Micom Number Check, According To The Some Problem Condition

ex) When The Drain Is Not Operating But Pump Motor Is Operating, Check The 5Voltage Of Micom

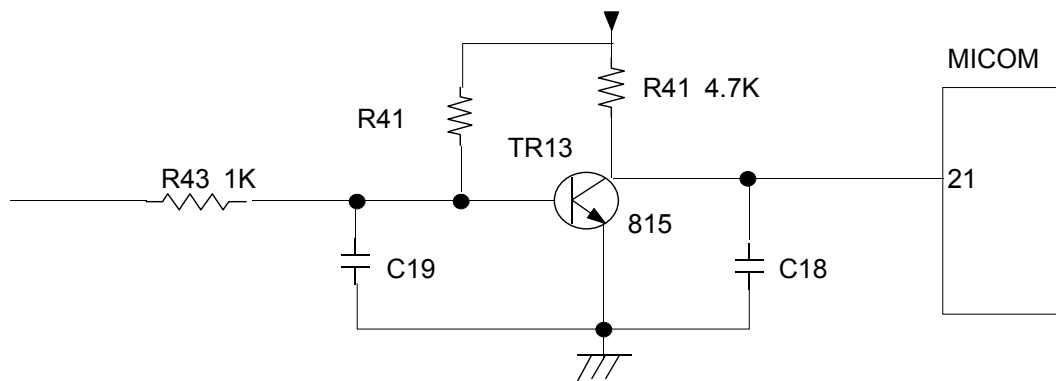
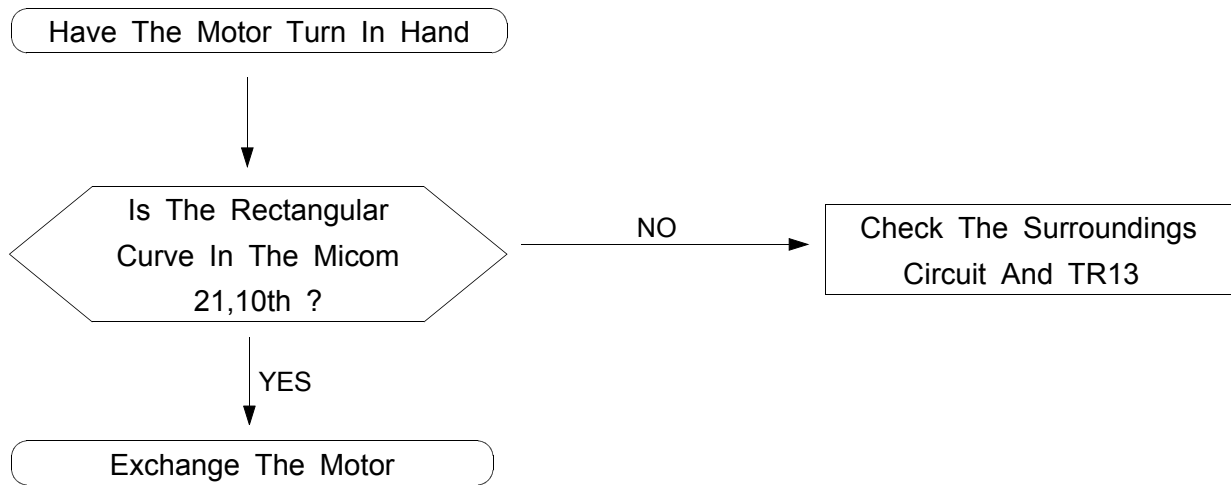


※ Check The Micom 12th In The Above Method When The Cold Water Is Bad

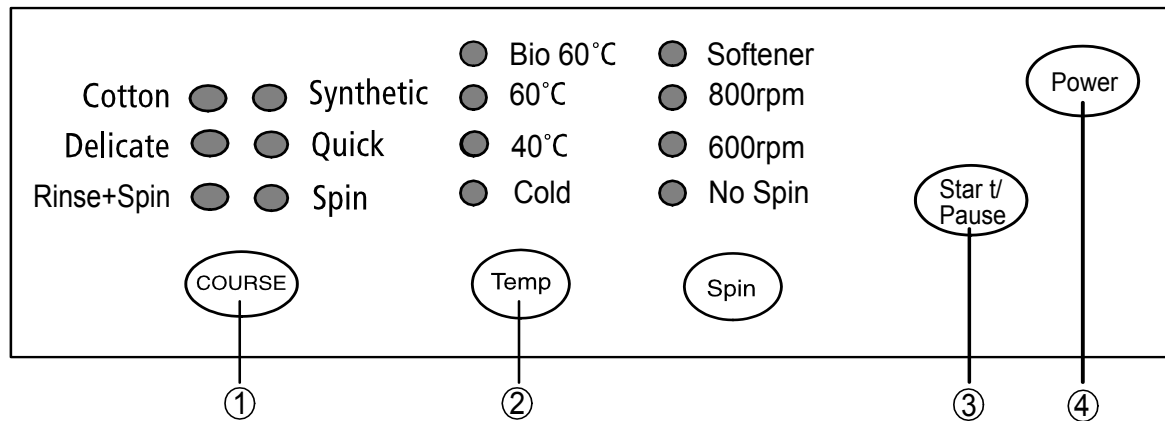
8-2-6. Confirm The Driving Part Of Motor



8-2-7. Checking The Tacho Part



9. Test Mode



1. Driving Compartment Test Mode

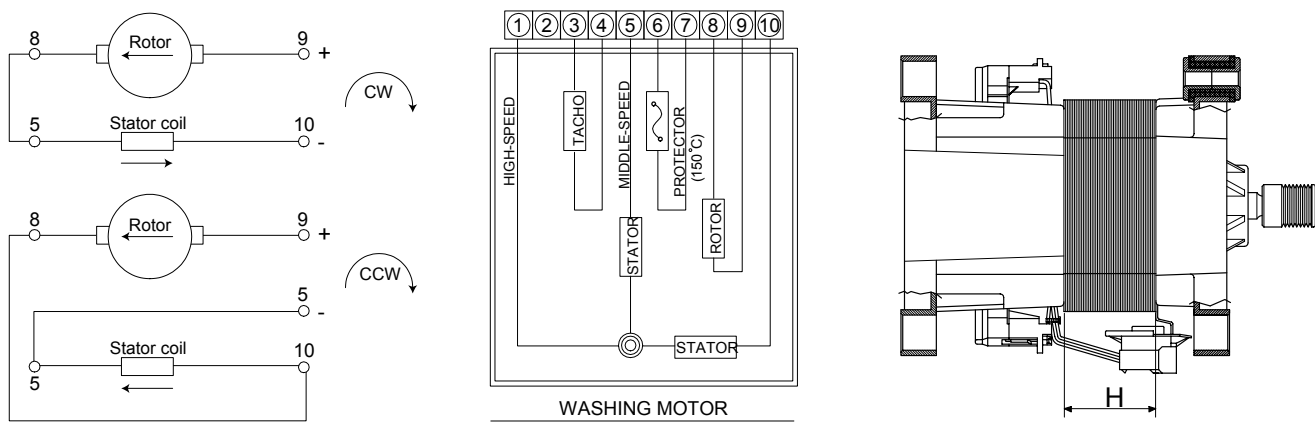
- Hold down “1” and “2” keys simultaneously and then press POWER S/W “4” on.
- The driving compartment can be tested when you press “3” key right after entering into the initial stage of the TEST MODE.

• Driving Compartment Test

COLD VALVE ON(0.3sec) → [OFF(0.3sec) →
Pump MOTOR ON(0.3sec) → OFF(0.3sec) → MOTOR Left (0.5sec) → OFF(0.5 sec) →
MOTOR Right (0.5sec) → OFF(0.3sec) → HEATER RELAY ON(0.3sec) → OFF(0.3sec) → DOOR OPEN
(Function continues when door is closed)

10. Designation of Main Components

10-1 Normal / Reverse Revolution of Motor and R. P. M. Control



<Figure1>

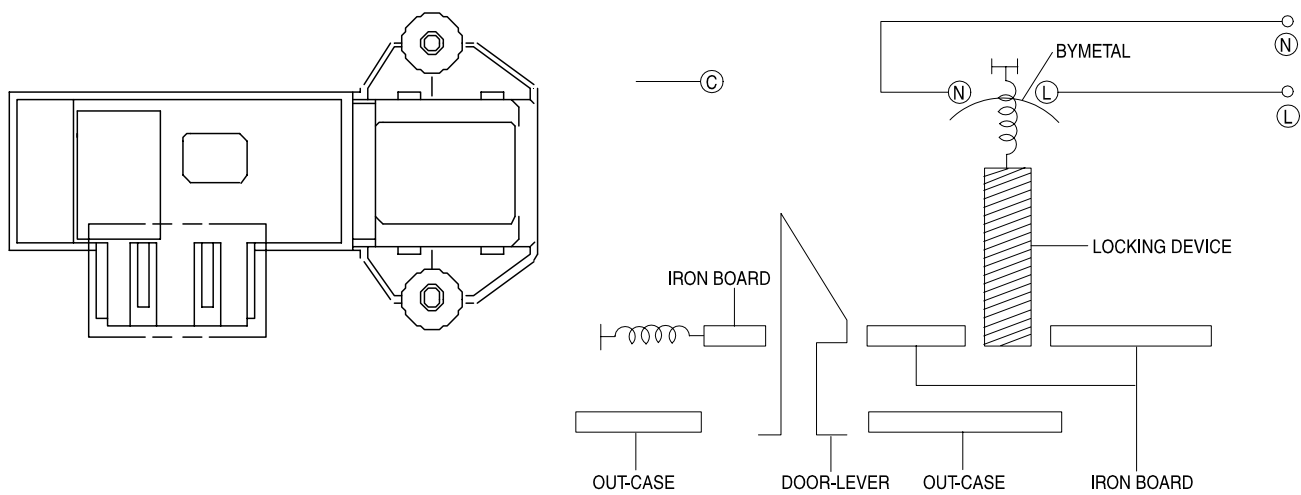
<Figure2>

<Figure3>

($\pm 7\%$)	STATOR(51)	ROTOR(8.9)	TACHO(3.4)	PROTECTOR(6.7)	"H"(mm)	Code-No.	Remark
Resistance value	2.08 Ω	1.99 Ω	38.8 Ω	0	30	DC31-00002H	S821
Rated value	220~240V/50Hz						

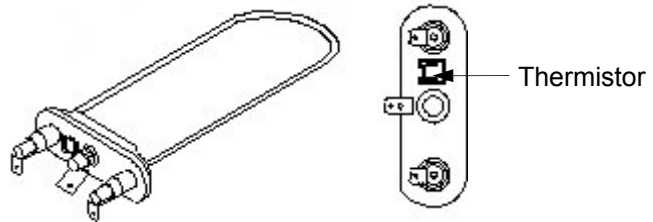
10-2 Door safety Device

When Door is closed, door stay closed. if "set" is operated, power supplied to (N) , (L) wires have bymetal keep the door closed, and electronical power flows between (L) and (C) make it operate.



10-3 Heater

- 1) Capacity : AC 230V/800W
- 2) Location : Bottom of TUB
- 3) Function : Raise the water temperature supplied at the wash process.
- 4) Resistance value : 62.63~69.22 Ω
- 5) Thermal Fuse : 128°C



10-4 Detergent tub and water supply value

A Detergent tub is composed of housing and 3 drawers . supplied water flows into the 3 drawer-detergent tub by way of classifier at each washing process.

three open drainage way with detergent and supplied water by way of connector located under the housing flows into washing tub.

the water supply valve is composed of a hot water valve(1 way) and a cold water valve(3way) and water flow per min in the valve is below.

	Hot water valve(1 way)
water flow(L/min)	10L
resistance value	4.3k Ω
power consumption	AC 220v ~ 240V 50/60Hz
usable water pressure	0.5 ~ 8 kg/cm ²

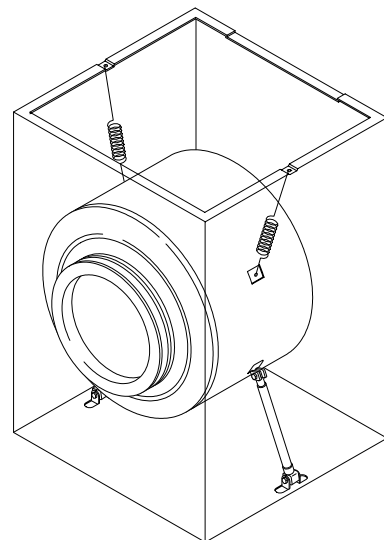
10-5 Shock absorber and buffer spring

This wash machine is equipped with 2 Shock absorbers with same capacity and with 2 buffer springs. 2 Shock absorber are placed under the tub and outside case , 4 buffer springs are placed on the right and left of the upper side of outside case.

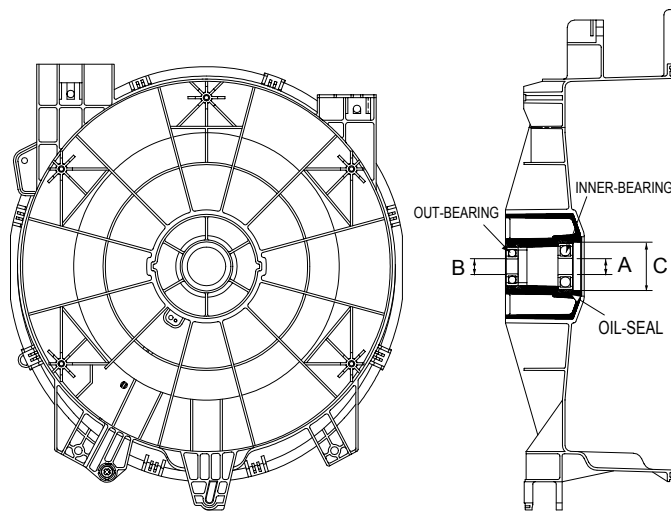
Shock absorber function: during wash, dehydration absorb the shock.

buffer spring: buffering the vibration

device	capacity of Shock absorber
Shock absorber	8 $\pm$ 2kg



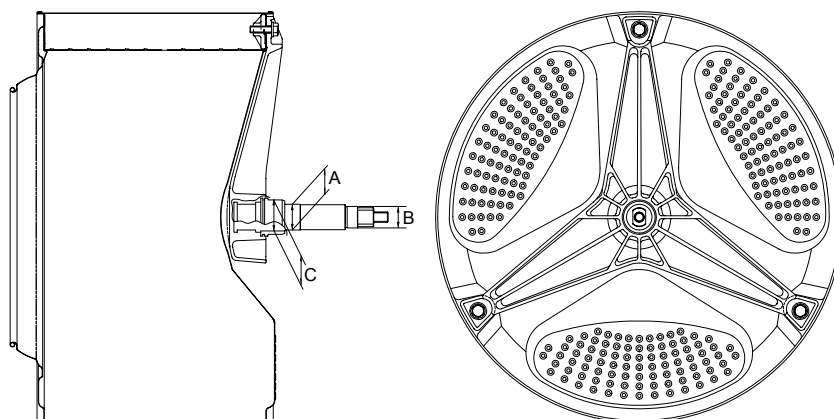
10-6 ASSY-TUB BACK



(unit : mm)

TYPE	INNER-BEARING(A)	OUT-BEARING(B)	OIL-SEAL(C)	Assy-Housing Bearing(D)	Assy-Tub Back
I	ø 20	ø 17	ø 24.3	DC97-02133A	DC97-02137B

10-7 ASSY- DRUM

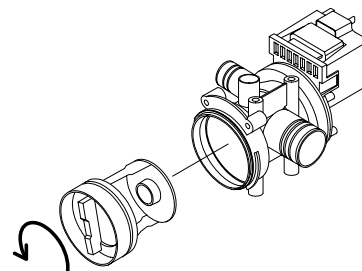


(unit : mm)

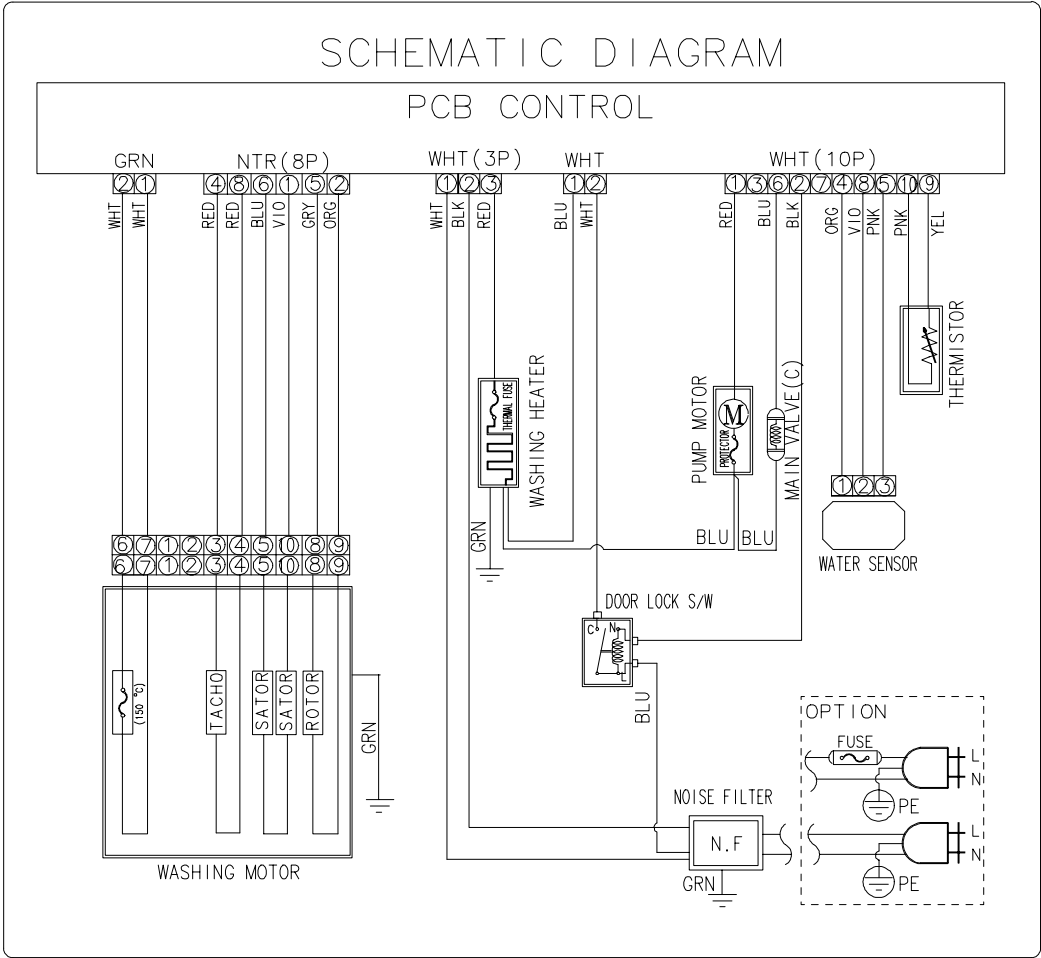
TYPE	(A)	(B)	(C)	CODE-NO.	REMARK
I	ø 20	ø 17	ø 25	DC97-02099B	Lifter type S821/S621

10-8 ASSY-PUMP DRAIN

- 1) Capacity : AC 230V 34W
- 2) Location : Front bottom(R)
- 3) Resistance : 150Ω ~ 180Ω

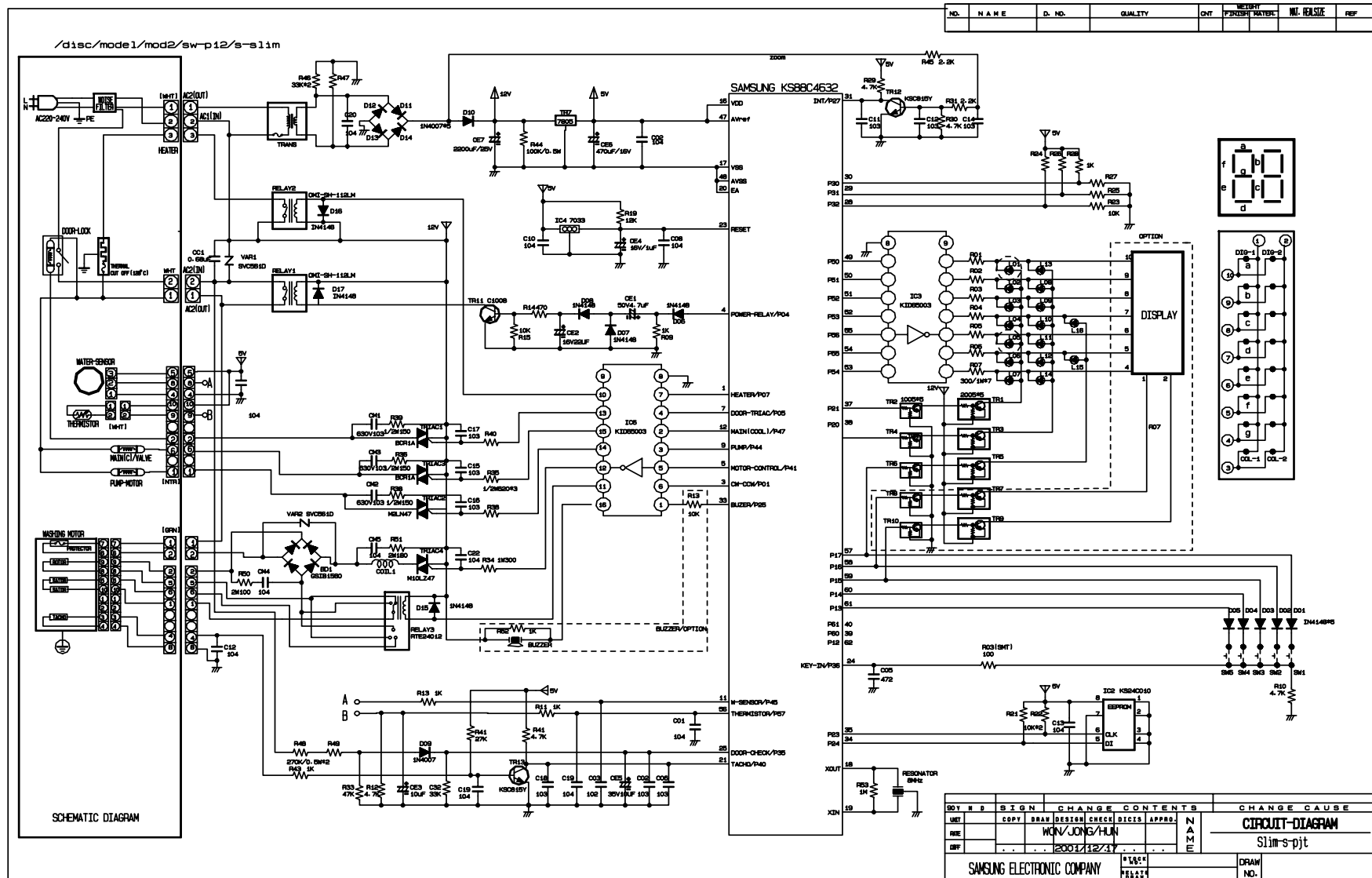


11. PCB Schematic Diagram



11-1. PCB CIRCUIT DIAGRAM

This Document can not be used without Samsung's authorization.



12. Setting up a wash machine.

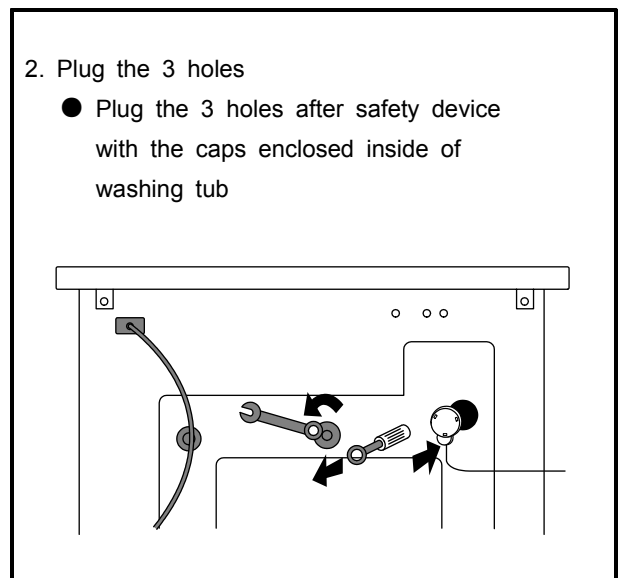
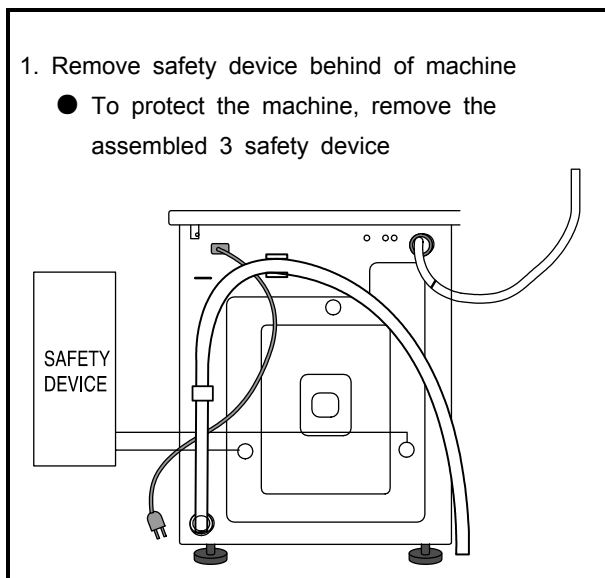
12-1 Remove the safety device for carriage

- 1) Remove 3 safety device volts with a enclosed wrench for safety device remove
- 2) Plug the 3 holes with 3 caps after removing the 3 safety device volts.

* Take care of 3 safety device volts and a wrench , you need these when you move wash machine safely.

Caution

You must remove safety device before use , if not, you have much vibration or much load can be impacted on the machine.



12-2 Install the wash machine on the leveled place.

With the water level adjustment device, adjust the 4 adjustment legs to install the machine leveled on the right, left, front and rear side. machine's install condition and size is following.

12-2-1 Initial assembled condition (ass'y cover top)

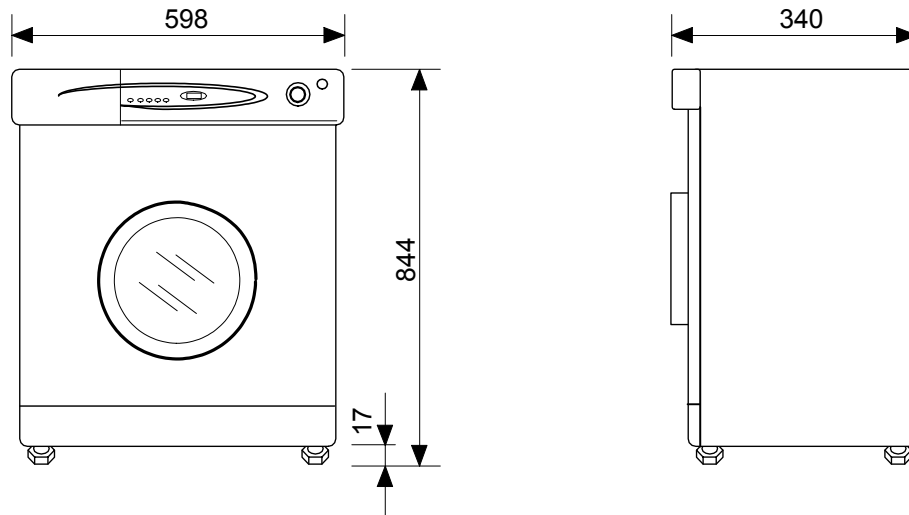
- 1) Adjustment legs are stick to the bottom of the machine, when the machine comes out of factory. this condition is ideal for vibration and noise.
- 2) When you install the machine initially or move the machine in use, unscrew the 4 legs to the left and place the machine level and spin the locking nuts and tighten it strongly.



12. Setting up a wash machine.

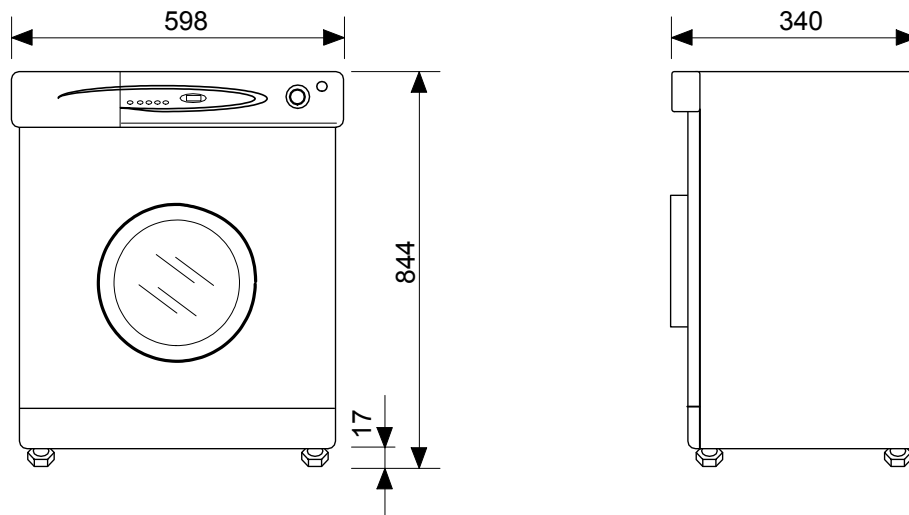
- 3) Even though adjustment legs came out all the way, if machine is not leveled, prop up the machine with the wood or brick to make it even.

(Do not use fragile material or slippery material such as laminated paper)



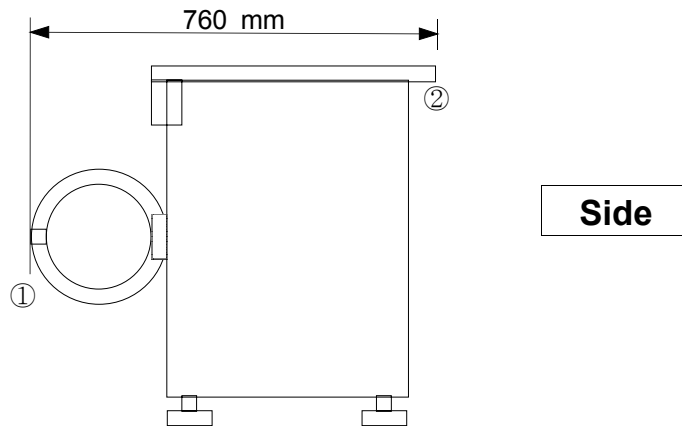
12-2-2 The condition of setting up sink(Disassembled Ass'y- Cover Top)

- 1) Spin the adjustment leg to the left and remove them from the front and rear side of the machine.
- 2) Remove the 4 locking nuts from adjustment legs, and put only adjustment legs back where those were.
- 3) After removing the fixing screws(each on right, left side) from the machine which is behind ass'y- cover top, disassemble the assy-cover top.
- 4) Install the sink.

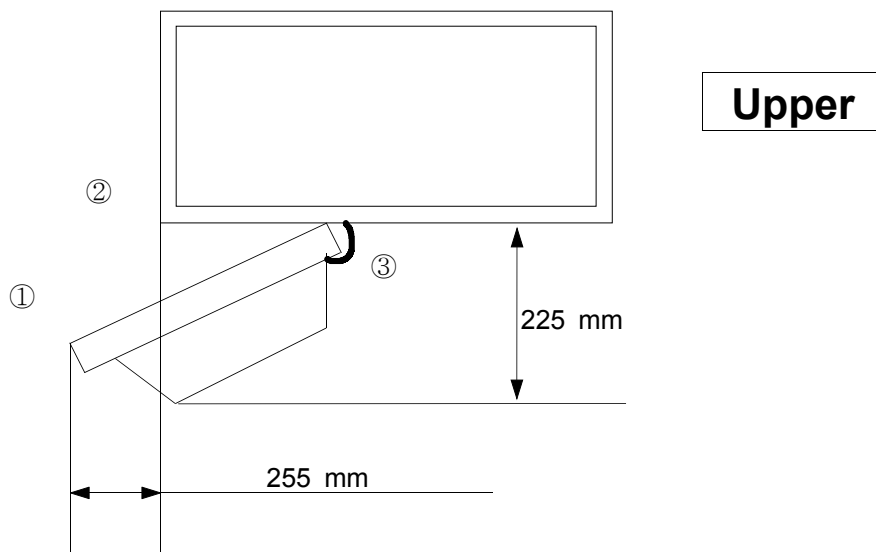


12. Setting up a wash machine.

12-3. Door Opening Dimension(Slim Model)



- (When The Door Vertically Open)
The distance between door① and the rear side② is 760mm



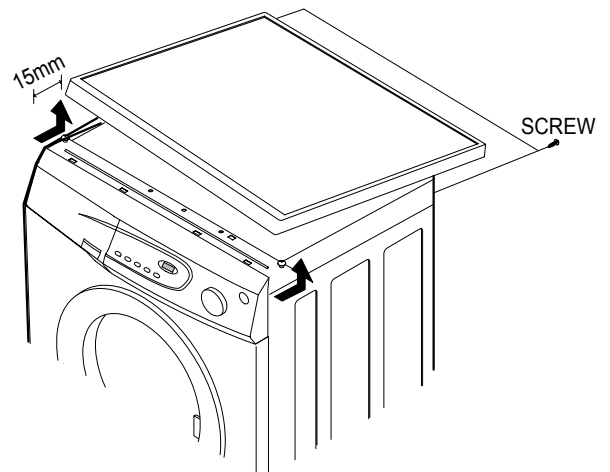
- (When the door extremely open ※)
The distance between the door edge(①) and the left side of washing machine(②) is 255mm

※ Maximum door angle(③) is 170°

13. Assemble and Disassemble

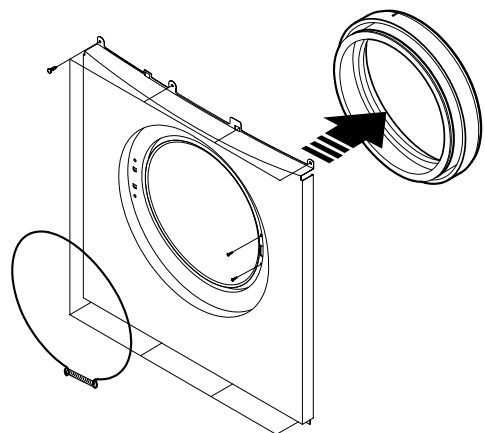
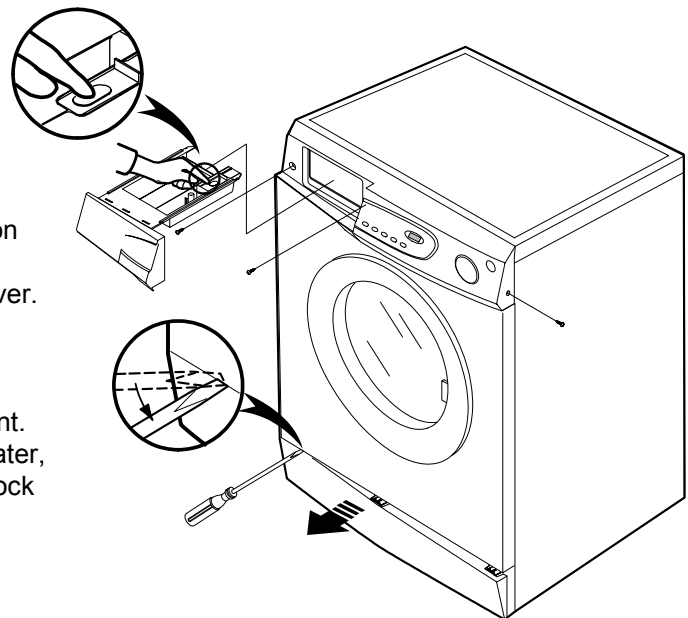
1. ASS'Y-COVER TOP

- 1) Remove two screws fixing the top-cover on back side.
- 2) Push the top-cover back about 15mm and pull it up.
- 3) It's possible to exchange and service Assy-Panel (PCB), the pressure-sensor, the noise-filter, the water valve and trans(option).



2. FRAME FRONT

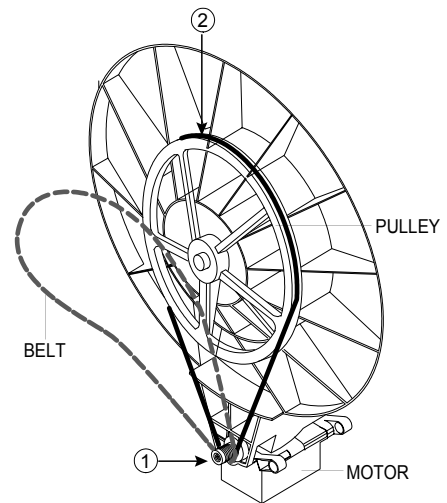
- 1) Remove the top-cover and the ass'y drawer.
- 2) Remove two screws fixing the control-panel on front side and the screw on right side.
- 3) Remove the cover-front(L) by using the (-)driver.
- 4) Pull the lever and open the ass'y door.
- 5) Part the diaphragm and the wire diaphragm away from the frame-front.
- 6) Remove the eight screws fixing the frame-front.
- 7) It's possible to exchange and service the heater, the pump, the shock-absorber and the door lock s/w.



13. Assemble and Disassemble

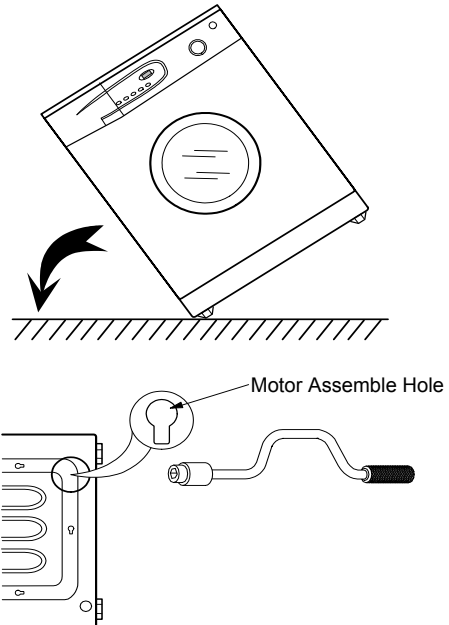
3. BELT

- 1) Remove the top-cover.
- 2) Disassemble and assemble the belt.
- 3) Check the belt is located at center of the motor-pulley.
<When assemble the belt>
Hook the belt on the motor pulley 1) and place it around the pulley 2).



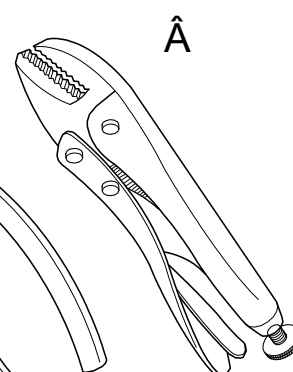
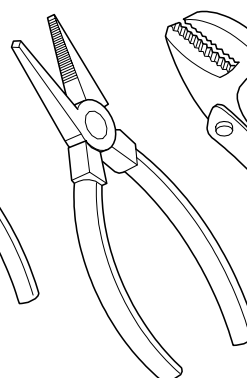
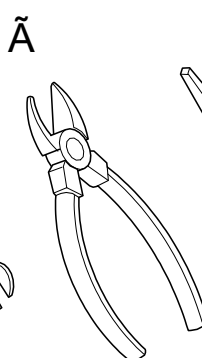
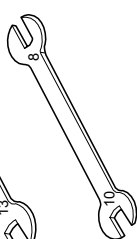
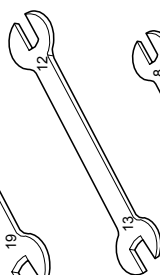
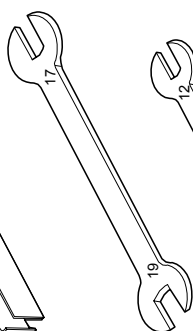
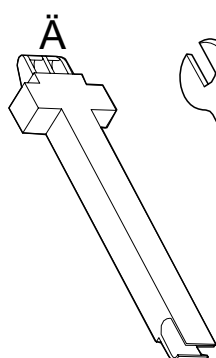
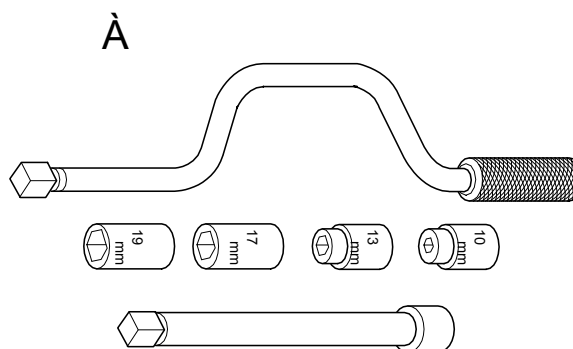
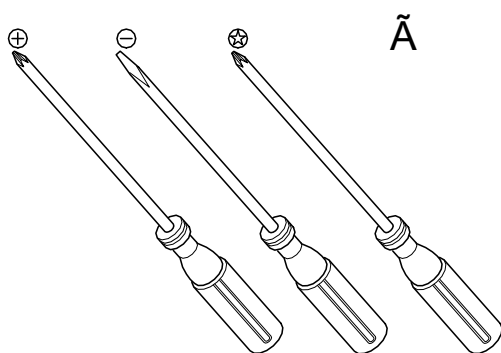
4. MOTOR

- 1) Lay down the washer on left side.
- 2) Remove the wire housing from the motor.
- 3) Remove the bolt fixing the motor with the box drive on back side.
- 4) Remove the motor.

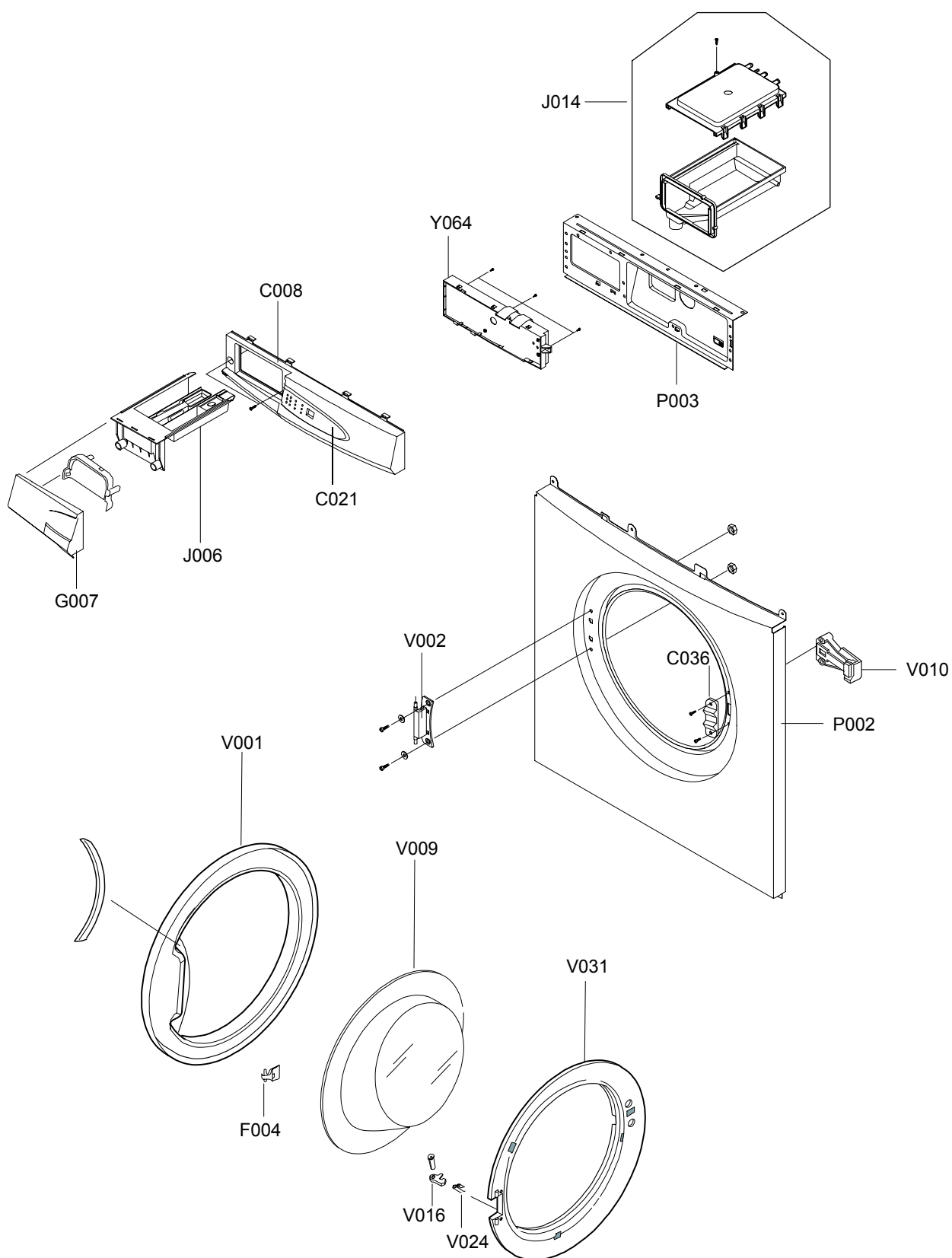


14. Tools for Disassembly and Assembly

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



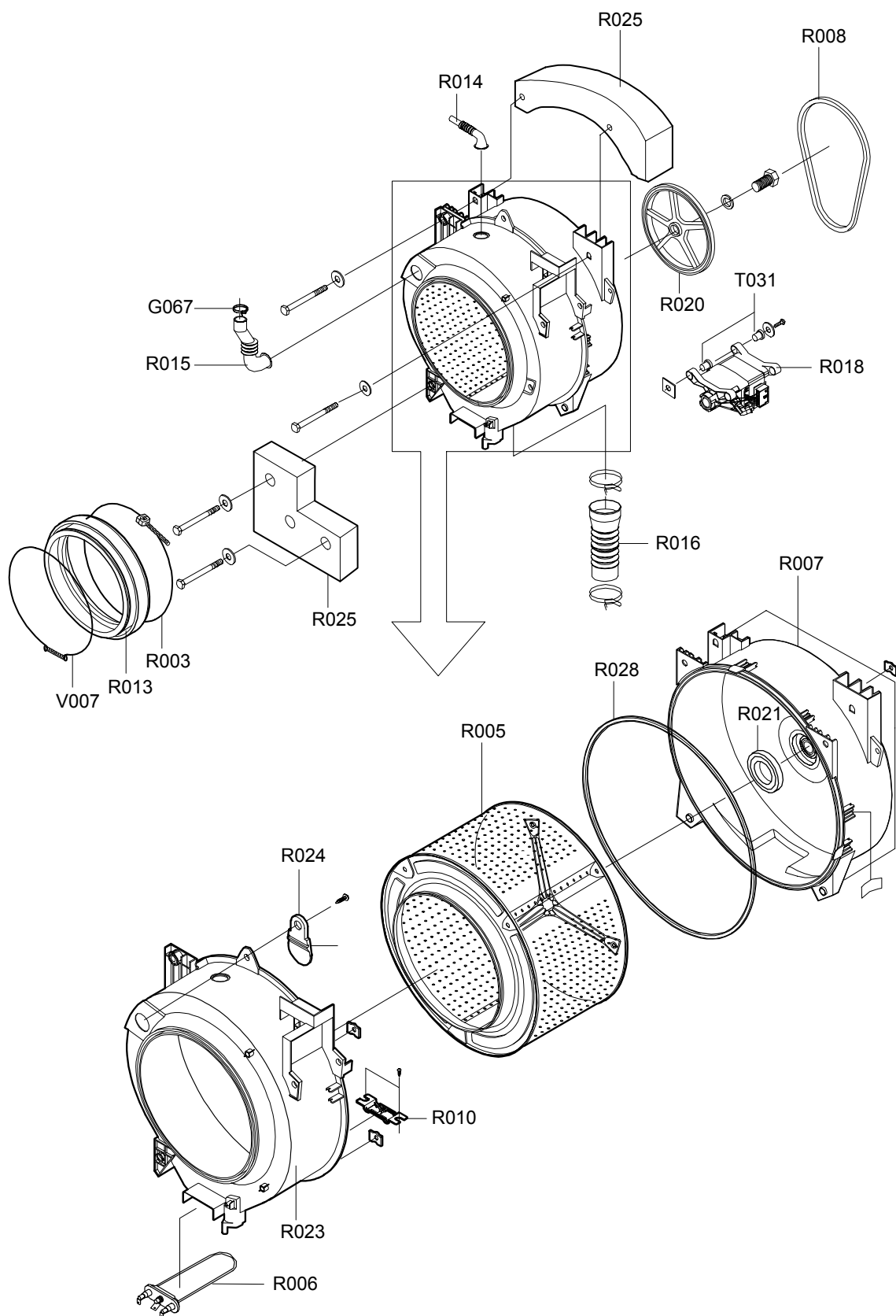
15. TOP(FRONT) - Exploded View



15. Parts List - TOP(FRONT)

NO.	CODE NO.	DESCRIPTION;SPECIFICATION	QTY
C008	DC64-00647B	PANEL-CONTROL;SBP-2,HIPS,-,-,-,WHT,SSE	1
C021	DC64-00651C	INLAY-PANEL;S832GWL/YLP,PET,T0.18,-,-,LI	1
C036	DC63-00450A	COVER-FRONT;S821,PP,T1.8,-,-,-,WHT,ROL	1
F004	DC64-00646A	HANDLE-DOOR;SD455-PJT,POM,-,-,-,WHT,WM	1
G007	DC97-07134C	ASSY-PANEL FRONT;S832/S632,RUSSIA	1
J006	DC61-00707B	BODY-DRAWER;S832,MT3320,-,-,-,NTR,PP	1
J014	DC97-04748S	ASSY-HOUSING DRAWER;S821GWS2/YLP,1WAY(CO	1
J014	DC97-02132D	ASSY-HOUSING DRAWER;SB-PJT/ONE-WAY,SPOON	1
P002	DC97-00702D	ASSY-FRAME FRONT;SB-PJT/WHT,ROUND-TYPE	1
P003	DC97-00417A	ASSY-FRAME PLATE(U);SWF-P12,FRAME-PLATE(	1
V001	DC63-00353A	COVER-DOOR;SB-PJT,ABS,-,-,-,-,ROUND	1
V002	DC97-00100C	ASSY-HINGE;S1005J,OPEN ANGLE 180DEG	1
V009	DC61-20207A	DOOR-GLASS;Q1636GW/XEU,GLASS,-,-,-,TRP	1
V010	DC64-00653A	DOOR-LOCK S/W;DA,PA6-G,-,H82,W50,-,BLK,2	1
V016	DC66-00355A	LEVER-DOOR;SD455-PJT,POM,-,-,-,WHT,EMZ	1
V024	DC61-01065A	SPRING-HANDLE;SEW-HR805,STS304,CD1.0,-,O	1
V031	DC61-00057A	HOLDER-GLASS;DWM599W,ABS(HG-0760),-,-,-,	1
Y064	MFS-S821-00	ASSY PCB PARTS;MF-S821-00;	1

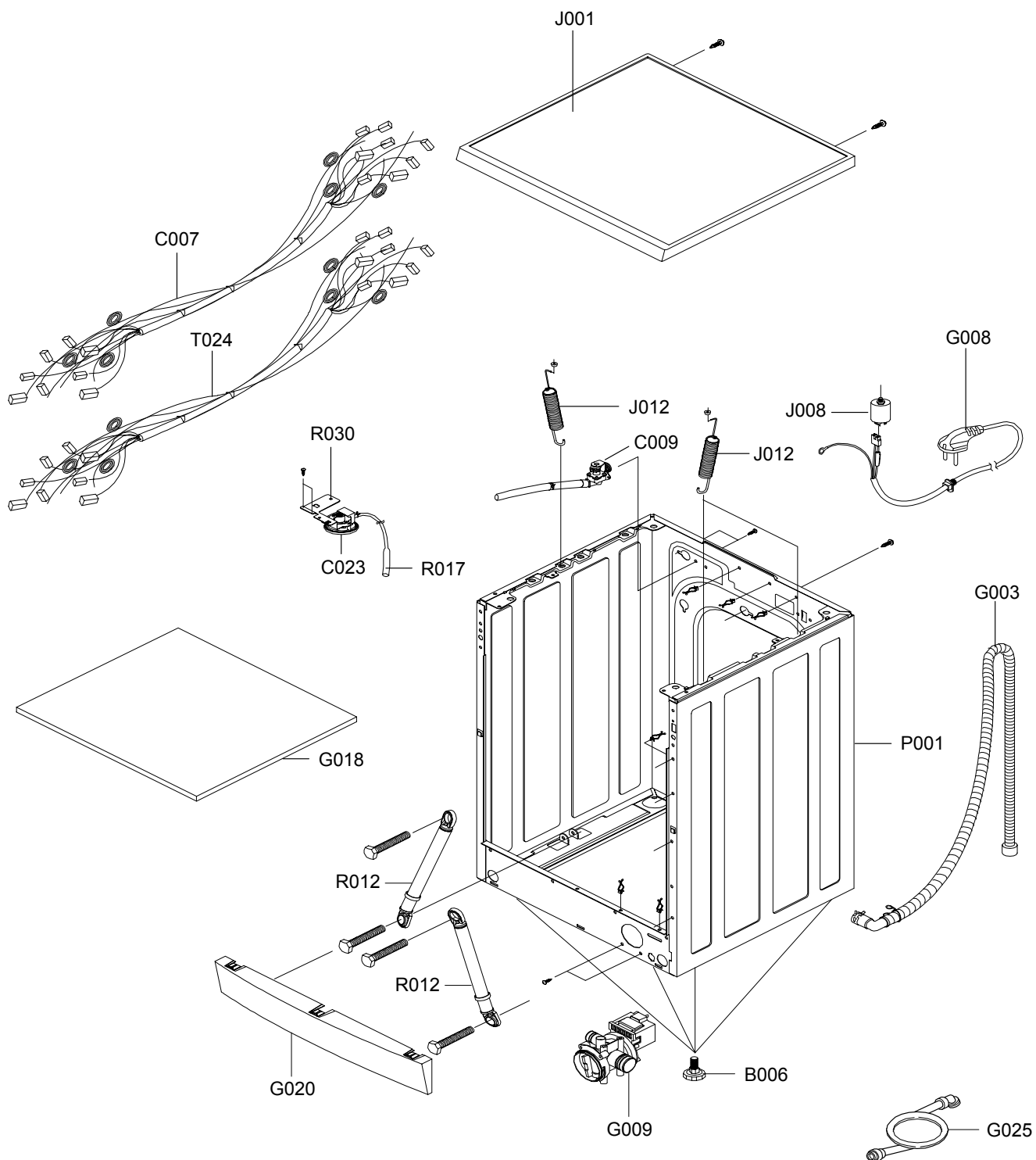
15. TUB - Exploded View



15. Parts List - TUB

NO.	CODE NO.	DESCRIPTION;SPECIFICATION	QTY
G067	DC65-60125A	BAND-RING;HSWR,YEL,W38.5,T2.4	1
R003	DC91-12077A	ASSY-CLAMP DIAPHRAGM;SWF-P12,TUB	1
R005	DC97-02099B	ASSY-DRUM;SB-PJT,DRUM-F/B(0.4T)	1
R006	DC47-00006D	HEATER;KAWAI,SS-PJT,SUS316L,-,-,230V,-,-	1
R007	DC97-02137B	ASSY-TUB BACK;SB-PJT,SAMBAK(10%)	1
R008	6602-001073	BELT-TIMING GEAR;POLYURETHAN,1270,J3,MEG	1
R010	DC61-00856A	BRACKET-HEATER;SB-PJT,STS430,-,-,-,-,-	1
R013	DC61-20219A	DOOR-DIAPHRAGM;EPDM,-,-,-,-,-,GRY,SWF-	1
R014	DC62-10303A	HOSE-AIR;-,-,EPDM,ID24,-,-,L130,BLK,SWF-P1	1
R015	DC62-10305A	HOSE-DRAWER TUB;-,-,EPDM,ID35,-,-,L158,BLK	1
R016	DC62-00121A	HOSE-FILTER TUB;S1005J,EPDM,ID65,-,-,-,-,-	1
R018	DC31-00002H	MOTOR-DRUM;HXGP2I,S803J,-,-,50HZ,-,-,LOW-R	1
R020	DC66-10176B	PULLEY;ALDC,-,-,D297,P1291,ID12.5	1
R021	DC62-00007A	SEAL-OIL;-,-,NBR(SD25),BLK,-,-,-,-,P6091/NBU	1
R023	DC61-00365B	TUB-FRONT;SL-600,FRPP(GR15%)SAMBAK,-,-,-,-	1
R024	DC62-20311C	VANE-CHECK;SB-PJT,EPDM,-,-,BLK,CHINA	1
R025	DC66-00137B	WEIGHT-BALANCER;SB-PJT,CONCREET,-,-,-,-,-	1
R025	DC67-00092A	WEIGHT-BALANCER;S821,CONCREET,-,-,-,-,-,2.	1
R028	DC62-40183A	PACKING-TUB;SWF-P12,EPDM,-,-,-,-,-,BLK,-	1
T031	DC61-00041A	CUSHION-MOTOR;SWF-6V,BUTYL,-,-,-,-,ID16/OD	2
V007	DC91-12078A	ASSY-WIRE DIAPHRAGM;SWF-P12,FRAME-FRONT	1

15. CASE - Exploded View



15. Parts List - CASE

NO.	CODE NO.	DESCRIPTION;SPECIFICATION	QTY
B006	DC97-02079C	ASSY-LEG;SB-PJT,SLIM/25MM/CHINA	1
C007	DC96-00521B	ASSY-M.WIRE HARNESS;S621,ROLD-DOOR	1
C023	DC32-30006P	SENSOR PRESSURE;DN-S14(P1291),TERMINAL-T	1
C080	DC62-30314A	VALVE-WATER;SWF-P12,NYLON#6,-,-,EATON(	1
G003	DC97-00139E	ASSY-HOSE DRAIN(O);SB-PJT,PP/L1770/CHINA	1
G008	DC96-00541A	ASSY-POWER CORD;S621,0.75MM(UCP2)	1
G009	DC96-00692A	ASSY-PUMP DRAIN;P8091/CHINA,220~240V/50H	1
G018	DC61-00440A	SHUTTER;SLIM-PJT,PP,WHT,	1
G020	DC61-10672A	COVER-FRONT(L);SWF-P12,PP(BJ-730),-,-,-,	1
G025	DC62-10289C	HOSE-WATER(C);RUSSIA,PVC+NYLON,ID10.3,-,	1
J001	DC97-04627A	ASSY-COVER TOP;SB-PJT,ABS/WHT	1
J008	DC29-00006A	FILTER-EMI;DFC-2712R,P/PV/SLIM,250V,12A,	1
J012	DC61-00441A	SPRING-HANGER;S1005J,HSWR,CD3.0,-,-,L175	1
P001	DC99-00436A	ASSY-PAINT;S821GWS2/YLP,CHINA	1
R012	DC66-00320A	DAMPER-SHOCK;SB-PJT,ABS,-,-,-,WHT,AKS-	1
R017	DC62-10311A	HOSE-PRESSURE;-EPDM,ID13.5,-,-,-,BLK,SW	1
R030	DC61-40345A	BRACKET-PRESSURE;GI or GA,SWK-P12,T1.0,-	1
T024	DC96-00522A	ASSY-WIRE HARNESS;SS-PJT,SUB	1

15. Screw/Bolt List

CODE NO.	DESCRIPTION;SPECIFICATION	QTY
6001-001773	SCREW-MACHINE;TH,+,M5,L12,	1
6002-000471	SCREW-TAPPING;TH,+,1,M4,L12,PASS,STS304,	1
6001-001773	SCREW-MACHINE;TH,+,M5,L12,	1
DD60-50018A	NUT-FLANGE;-M5XP0.8,FZY,MSWR10,-	1
6002-000239	SCREW-TAPPING;TH,+,2S,M4,L8,ZPC(YEL),SM	1
6002-000525	SCREW-TAPPING;FH,+,1,M4,L12,PASS,STS304	1
6002-001006	SCREW-TAPPING;TH,+,2S,M4,L12,-,STS410	1
6006-001170	SCREW-ASSY TAPP;	1
6009-001343	SCREW-SPECIAL;PH,TORX,M4,L10,PASS	1
DC60-40144A	BOLT-HEX;M10,L41,ZPC2(YEL),SM10C/DAMPER	1
6002-000554	SCREW-TAPPING;PH,+,2S,M4,L12,ZPC(YEL),SW	1
6011-001421	BOLT-FLANGE;M7,L61(29.4),ZPC(YEL),SWRCH1	1
DC60-60040A	WASHER-NYLON;-ID10.5,OD32,T2,-,PBSP-1/2	1
DC60-60044B	WASHER-PLAIN;SBC,ID8.4,OD30,T3,-,-,-	1
6002-000239	SCREW-TAPPING;TH,+,2S,M4,L8,ZPC(YEL),SM	1
6002-000630	SCREW-TAPPING;PH,+,2S,M3,L8,ZPC(YEL),SWR	1
6002-000213	SCREW-TAPPING;TH + 1 M4 L12 ZPC(YEL)	1
6011-001421	BOLT-FLANGE;M7,L61(29.4),ZPC(YEL),SWRCH1	1
DC60-40141A	BOLT-HEX;SM10C/DAMPER,HEX,M8,L66,-,ZPC2(	1
DC60-60044A	WASHER-PLAIN;-ID10.5,OD30,T3,-,STS304	1
DC61-00201A	BRACKET-NUT;SBHG-R,P1291,T3,-,-,-,NO-PAI	1
DC97-02412A	ASSY-BOLT;SWF-P12,MOTOR, M8*L62	1
DC97-02412B	ASSY-BOLT;SWF-P12,WEIHGT(L)/M8*L147	1
6011-001452	BOLT-HEX;M10,L20,ZPC(YEL),SWCH10AK,ASSY(	1
6011-001492	BOLT-FLANGE;M8,L25,PASS,STS304,NYLOCK,P1	1
6006-001170	SCREW-ASSY TAPP;	1
DC61-40348B	BRACKET-NUT;SBHG-R,P1291,T3,-,-,-,NO-PAI	1
6002-000444	SCREW-TAPPING;TH,+,2S,M4,L14,NTR,STS304	1
6002-000471	SCREW-TAPPING;TH,+,1,M4,L12,PASS,STS304,	1
6002-001327	SCREW-TAPPING;PWH,+,1,M4,L12,NI PLT	1
DC61-40348B	BRACKET-NUT;SBHG-R,P1291,T3,-,-,-,NO-PAI	1
DC60-40005A	BOLT-HEX;M4,L60,ZPC2(YEL),SS41C,-,-,-,-	1
DC60-50010A	NUT-DIAPHRAGM;EGI,M4,-,-,2.5TX20X8	1
DC60-50010B	NUT-DIAPHRAGM;EGI,M4.2,-,-,2.5TX20X8	1
DC61-00201A	BRACKET-NUT;SBHG-R,P1291,T3,-,-,-,NO-PAI	1
DC60-60044B	WASHER-PLAIN;SBC,ID8.4,OD30,T3,-,-,-	1
6002-000239	SCREW-TAPPING;TH,+,2S,M4,L8,ZPC(YEL),SM	1
6002-000445	SCREW-TAPPING;TH,+,2S,M4,L18,NTR,STS304	1
6002-001327	SCREW-TAPPING;PWH,+,1,M4,L12,NI PLT	1
6003-000226	SCREW-TAPTITE;TH,+,S,M4,L8,ZPC(YEL),SWRC	1
6006-001170	SCREW-ASSY TAPP;	1
6009-001344	SCREW-SPECIAL;TH,+,M4,L10(6),ZPC(YEL)	1
6002-000630	SCREW-TAPPING;PH,+,2S,M3,L8,ZPC(YEL),SWR	1
6002-000470	SCREW-TAPPING;TH,+,1,M4,L10,ZPC.SCRCH18A	1
6002-001327	SCREW-TAPPING;PWH,+,1,M4,L12,NI PLT	1



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Printed in Korea
Code No. : DC68-02149A