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1. SPECIFICATIONS

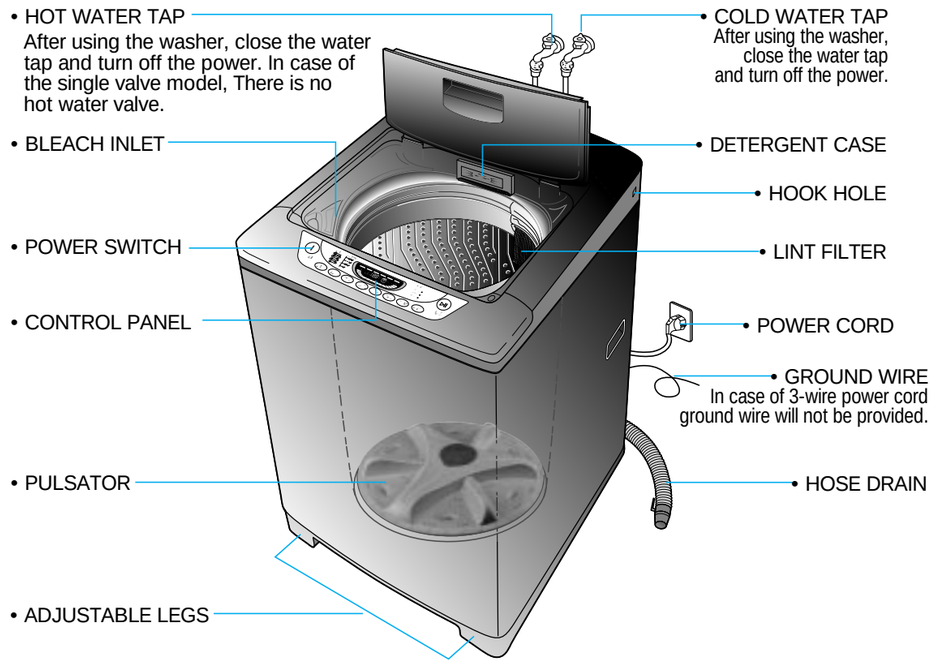
NO.	ITEM		DWF-7094		DWF-8094		DWF-1094	
1	POWER SOURCE		AVAILABLE IN ALL LOCAL AC VOLTAGE AND CYCLE					
2	POWER CONSUMPTION		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
			400W	430W	400W	430W	480W	550W
3	MACHINE WEIGHT	NON-PUMP	42.5Kg (GROSS : 48Kg)		44.5Kg (GROSS : 50Kg)		49Kg (GROSS : 56Kg)	
		PUMP	43.5Kg (GROSS : 49Kg)		45.5Kg (GROSS : 51Kg)		50Kg (GROSS : 57Kg)	
4	DIMENSION (WXHXD)		610mm X 965mm X 655mm		610mm X 980mm X 655mm		630mm X 980mm X 670mm	
5	WASHING COURSE		FULL AUTOMATIC 6 COURSE (FUZZY, MEMORY, BLANKET, SUIT, HEAVY, ECONOMY)					
6	WATER CONSUMPTION		NORMAL 190L		NORMAL 215L		NORMAL 250L	
7	WATER LEVEL SELECTOR		HIGH(68L), MEDIUM(57L) LOW(46L), SMALL(35L) E.SMALL(28L)		HIGH(79L), MEDIUM(64L) LOW(51L), SMALL(40L) E.SMALL(31L)		HIGH(93L), ◀(85L) MEDIUM(77L), ◀(70L) LOW(63L), ◀(50L) E.SMALL(40L)	
8	OPERATING WATER PRESSURE		0.3kgf/cm^2~8kgf/cm^2 (2.94 N/cm^2~78.4N/cm^2)					
9	REVOLUTION PER MINUTE	60Hz	WASH : 115~125, SPIN : 740~760				WASH : 125~140, SPIN : 675~695	
		50Hz	WASH : 110~115, SPIN : 660~670				WASH : 120~130, SPIN : 630~640	
		SUIT COURSE	WASH : 60 (60Hz), 50 (50Hz)				WASH : 65 (60Hz), 55 (50Hz)	
10	PULSATOR		6 WINGS (Ø376mm)				6 WINGS (Ø406mm)	
11	WATER LEVEL CONTROL		ELECTRONICAL SENSOR					
12	ANTI NOISE PLATE		O					
13	GEAR MECHANISM ASS'Y		SPUR GEAR				HELICAL GEAR	
14	LINT FILTER		O					
15	SOFTENER INLET		O					
16	FUNCTION FOR SOAK WASH		O					
17	ALARM SIGNAL		O					
18	RESIDUAL TIME DISPLAY		O					
19	AUTO. WATER SUPPLY		O					
20	NEW WATER FLOW		WATER FLOW FOR ADJUST THE UNBALANCED LOAD					
21	FUNCTION FOR BUBBLE		O					
22	AUTO RE-FEED WATER		O					
23	AUTO POWER OFF		O					

2. STRUCTURE OF THE WASHING MACHINE

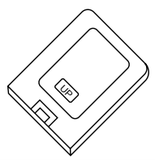
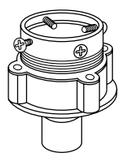
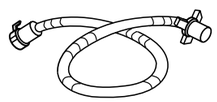
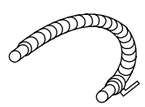
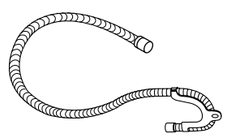
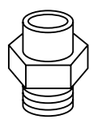
The parts and features of your washer are illustrated on this page.
Be come familiar with all parts and features before using your washer.

NOTE

- The drawing in this book may vary from, your washer model. They are designed to show the different features of all models covered by this book, Your model may not include all features.
- Page references are included next to same features.
  Refer to those pages for more information about the features.



Accessories

DRYTEN	COVER UNDER [OPTION]	WATER TAP ADAPTER	INLET HOSE
			
HOSE DRAIN O AS [NON-PUMP]	HOSE DRAIN O AS [PUMP]	HOSE DRAIN CLAMP	CONNECTOR INLET [OPTION]
			

3. FUNCTIONS OF THE CONTROL PANEL

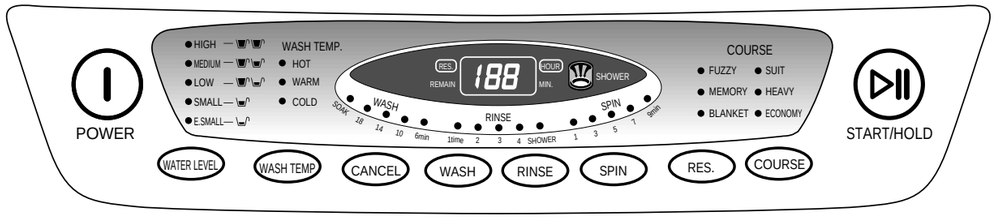
Dwf-1094

Control panel has micom sensor.
As the buttons are pressed, the lamps indicating the selection of your desired washing program will light up.

POWER	• Press this switch to turn the power on or off. After turning off the power. wait for more then 3seconds and then turn it on again.
WATER LEVEL	• It can be used to adjust amount of water according to the size of the load to be washed. • As the button is pressed, water level is selected by E.LOW ➜ ◄ ➜ LOW➜ ◄ ➜MEDIUM➜ ◄ ➜ HIGH
RES.	• It can be used to pre-engage time for wash
CANCEL	• It can be used to cancel the full-automatic course. • When the button is pressed, the display will light down. If you want to wash, rinse or spin, you can press one of the buttons.
WASH	• It can be used to adjust washing time. • As the button is pressed, you will see the repeated. 6 ➜ 10 ➜ 14 ➜ 18 ➜ SOAK
RINSE	• This button selects the number of times you want to rinse. • As the button is pressed, it will repeat. • 1 time rinse ➜ 1 time shower feed ➜ 2 times rinse ➜ 2 times shower feed ➜ 3 times rinse ➜ 3 times shower feed ➜ 4 times rinse ➜ 4 times shower feed. • In case of the pump model, there is no shower rinse or spray rinse selector function.
SPIN	• It can be used to change spin time. • As the button is pressed, it will repeat. 1 ➜ 3 ➜ 5 ➜ 7 ➜ 9.
COURSE	• It can be used to select the full-automatic course. • As the button is pressed, it will selected by following order: FUZZY ➜ MEMORY ➜ BLANKET ➜ SUIT ➜ HEAVY ➜ ECONOMY
WASH TEMP.	• It can be used to choose water temperature to be supplied. • As the button is pressed, it will be repeated. COLD ➜ WARM ➜ HOT (WARM : COLD+HOT WATER) • In case of the single valve model, there is no wash temperature selector function.
START/ HOLD	• Operation and temporary stop are repeated as they are pressed. • When you want to change course in operating; press the “START/HOLD” button ➜ Select the course that you want to change ➜ press the “START/HOLD” button again.
	• The lamps easily indicate the option selection of washing program and process by letters.

Dwf-7094, 8094

Control panel has micom sensor.
As the buttons are pressed, the lamps indicating the selection of your desired washing program will light up.



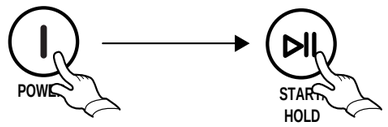
POWER	• Press this switch to turn the power on or off. After turning off the power, wait for more then 3seconds and then turn it on again.
WATER LEVEL	• It can be used to adjust amount of water according to the size of the load to be washed. • As the button is pressed, water level is selected by E.SMALL ➜ SMALL ➜ LOW ➜ MEDIUM ➜ HIGH
WASH TEMP	• It can be used to choose water temperature to be supplied. • As the button is pressed, it will be repeated. COLD ➜ WARM ➜ HOT * WARM : COLD + HOT WATER • In case of the single valve model, there is no wash temperature selector function.
CANCEL	• It can be used to cancel the full-automatic course. • When the button is pressed, the display will light down. If you want to wash, rinse or opin, you can press one of the buttons.
WASH	• It can be used to adjust washing time. • As the button is pressed, you will see the repeated. 6 ➜ 10 ➜ 14 ➜ 18 ➜ SOAK
RINSE	• This button selects the number of times you want to rinse. • As the button is pressed, it will repeat. • 1 time rinse ➜ 1 time shower feed ➜ 2 times rinse ➜ 2 times shower feed ➜ 3 times rinse ➜ 3 times shower feed ➜ 4 times rinse ➜ 4 times shower feed. • In case of the no shower function model, there is no shower rinse. • In case of the pump model, there is no shower rinse or spray rinse selector function.
SPIN	• It can be used to change spin time. • As the button is pressed, it will repeat. 1 ➜ 3 ➜ 5 ➜ 7 ➜ 9.
RES.	• It can be used to pre-engage time for wash.
COURSE	• It can be used to select the full-automatic course. • As the button is pressed, it will selected by following order: FUZZY ➜ MEMORY ➜ BLANKET ➜ SUIT ➜ HEAVY ➜ ECONOMY
START/HOLD	• Operation and temporary stop are repeated as they are pressed. • When you want to change course in operating; press the “START/HOLD” button ➜ Select the course that you want to change ➜ press the “START/HOLD” button again.

4. WASHING PROCEDURE AND COURSE SELECTION

Full Automatic Course

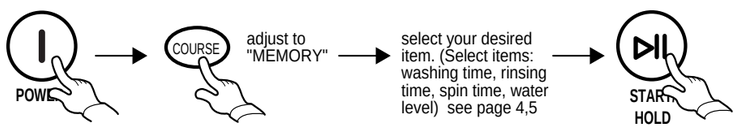
1. FUZZY COURSE (SENSOR);

- This selection is for general washing except extraordinary clothes.
- Artificial brain sensor selects properly the various kind of washing condition such as washing time, rinse times, spin time water level and washes well. If you want to soak, press the “WASH” button to adjust “SOAK” after the course selection. Procedure to press the button;



2. MEMORY COURSE (USE ONLY FUZZY COURSE)

- This selection is washing course by your desire.
- But suit course can not reservation. Procedure to press the button;

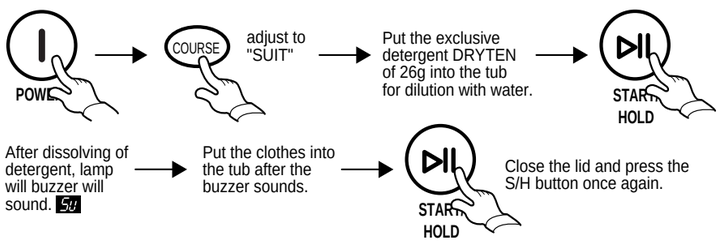


3. BLANKET COURSE;

- This selection is effective for blanket, curtain, carpet, etc ...
- Do not wash general-electric blanket absolutely (4kg’s limitation for one-time-wash). Procedure to press the button;

4. SUIT COURSE;

- This selection is effective for high-quality sweater, underwear, wool, etc ...
- When the washer is operated, selection for water level will be selected “MEDIUM” by automatically in order to prevent the laundry.
- Use detergent that is “Only for dry-cleaning”.
- 1.5kg’s limitation for one-time-wash.



NOTE

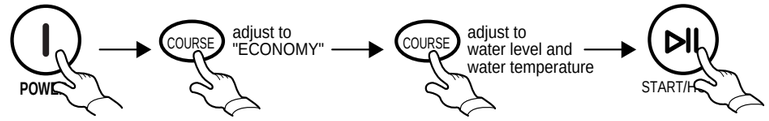
- Only cold water should be supplied for washing.
- Be sure to use only the detergent exclusively used for the washer.
- Do not use the washer to wash leather clothes, or chamois clothes.
- Separate white color/light-colored from colorfast clothes.

5. HEAVY COURSE;

- This selection is effective for blue-jean, climbing clothes, ruck sack, sports wear, etc ...
- If you want to soak, press the “WASH” button to adjust to “SOAK” after the course selection.

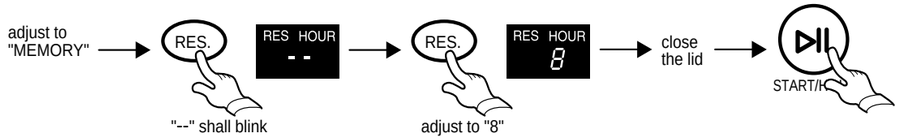
6. ECONOMY COURSE;

- This selection is effective for washing light or less dirty wash.
- Regulate the quantity of water according to load to be washed. Procedure of press the button;



Reserved Washing

- Reservation can be made from 2 hours to 48hours.
  example) To make reservation to complete washing in 8hours.



- Now the reservation is mode.

Partial Selection Among Wash, Rinse or Spin

Washing contents	Procedure to press the button				
Only Wash	POWER	CANCEL ➜	WASH	➜ START/HOLD	End of washing informed by buzzer.
Only Rinse			RINSE		
Only Spin			SPIN		
Wash & Rinse			WASH ➜ RINSE		
Wash & Spin			WASH ➜ SPIN		
Rinse & Spin			RINSE ➜ SPIN		
Wash ➜ Rinse ➜ Spin			WASH ➜ RINSE ➜ SPIN		

Cancel the set Program with pressing the button

* In case of canceling the program while the washer operates, press the “Start/Hold” button first, and then “Cancel” one.

Press the “S/H” button.

If once more Pressed, the washer will be stopped.

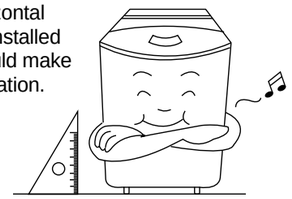
For keeping Operation continuously to the set program, press another time.

After 10 minutes later from the end of the washing, the power switch will be turned off automatically.

5. DIRECTIONS FOR INSTALLATION AND USE

Installing Place

Install the washer on a horizontal solid floor. If the washer is installed on an unsuitable floor, it could make considerable noise and vibration.



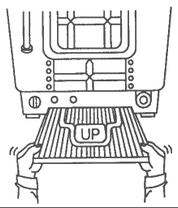
Keep the machine body more than 25cm apart from the wall surface. It will make easy cleaning the drain filter which is equipped at the back side of it. And if it comes into contract vibration may occur.

Never install in these places

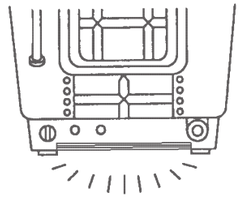
- The place where it would be exposed to direct sunlight.
- The place nearby a heater or heat appliance.
- The place where it would be supposed to be frozen in winter.
- The kitchen with coal gas and a damp place like a bathroom.

Installation Of The Under Base Cover [Option]

1 The packing box opened, there is a noise insulation plate at the bottom of the back (DWF-7094, 8094) or front (DWF-1094).



2 Push the noise insulation plate into the end, which decrease the noise made by this washer.



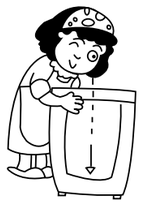
How To Install On An Inclined Place

1 **Horizon Setting**

After controlling the height by turning the adjustable leg, let the washer put down to the ground.

2 **Check the Horizon Status**

Check the position of tub above the center of the washer.



NOTES

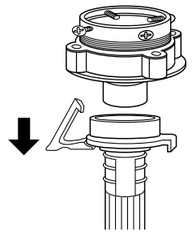
The openings must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

How to Connect the Inlet Hose

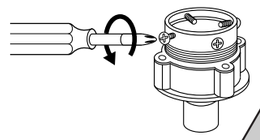
Be careful not to mistake in supplying between the hot(maximum : 50˚C) and cold water.
In using only one water tap or in case of attached one water inlet valve, connect the inlet hose to the cold water inlet valve.
Do not over tighten : this could cause damage to couplings.

• • • • FOR ORDINARY TAP

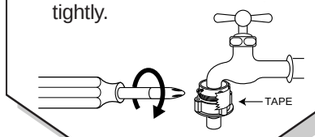
1 Pull down the collar of the inlet hose to separate it from the water tap adapter.



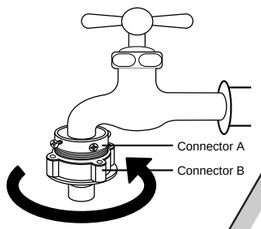
2 Loosen the four screws at the water tap adapter, but don't loosen the screws until they are separated from the water tap adapter.



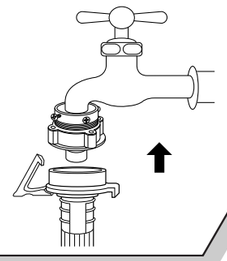
3 Connect the water tap adapter to the water tap tighten the four screws evenly while pushing up the adapter so that the rubber packing can stick to the water tap tightly.



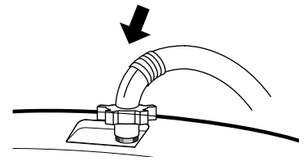
4 Remove the tape, and screw connector B into connect A tightly.



5 Connect the inlet hose to the water tap adapter by puling down the collar of the hose end.



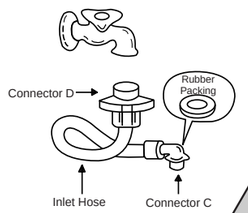
6 Connect the inlet hose adapter of the hose to the water inlet of the washer by turning it clockwise to be fixed tightly.



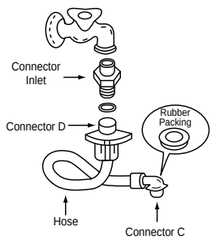
- Please check the rubber packing inside the inlet hose adapter of the hose.

• • • • FOR SCREW-SHAPED TAP

1 Connect the inlet hose to the water tap by screwing the connector D tightly.



2 Connect the connector-inlet supplied if necessary.



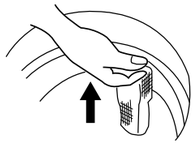
3 Insert the inlet hose adapter into the water inlet of a washer and turn it to be fixed.

- Assert the packing in the inlet

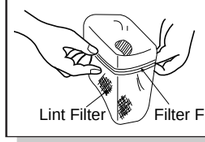
How To Clean The Filter

• • • • CLEANING THE LINT FILTER

1 Pull the Filter frame upward.



2 Turn the lint filter inside out, wash to the lint off with water.



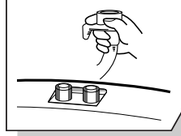
3 Return the filter as it was, and insert the filter frame into the slot.

• • • • CLEANING THE WATER INLET FILTER

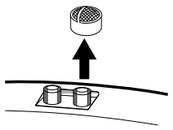
• Clean the filter when water leaks from, the water inlet.

1 Pull the power plug out before cleaning it.

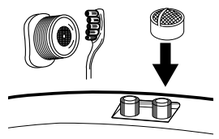
2 Turn off the water supply to the washer and sperate the



3 Pull the inlet filter out.



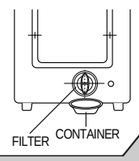
4 Remove the dirt from the inlet filter with a brush.



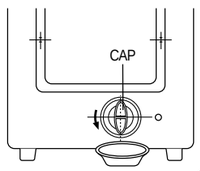
• • • • CLEANING THE DRAIN FILTER

• In case “U” shape drain hose, this filter’s equipped at the cack side of washer.
• This drain filter is to screen the foreign stuffs such as threads, coins, pins, buttons etc ...
• If the drain filter is not cleaned at proper time (every 10 times of use), Drain problem could be caused.

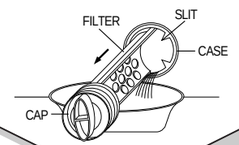
1 Put down the remained water in the hose. And put a container under the filter to collect water.



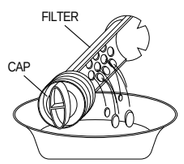
2 Turn the cap counter clockwise.



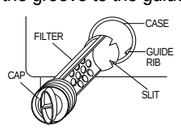
3 Pull out the filter assembly off the case of the main body.



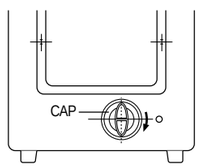
4 Clean the drain filter removing the foreign stuffs.



5 Put in the filter along the guiding prominence of the case. Please note the left position of the filter adjusting the groove to the guide rib.



6 Turn the cap clockwise tightly.



6. FEATURE AND TECHNICAL EXPLANATION

Feature of the Washing Machine

① The first air bubble washing system in the world.
② Quiet washing through the innovational low-noise design.
③ The wash effectiveness is much more enhanced because of the air bubble washing system.
④ The laundry detergent dissolves well in water because of the air bubble washing system.
⑤ The adoption of the water currents to adjust the unbalanced load.
⑥ One-touch operation system.

Water Current to Adjust the Unbalanced Load

It is a function to prevent eccentricity of the clothes after wash by rotating pulsator C.W and C.C.W for 35 seconds.(But, the SUIT course have no operation of the water currents to adjust the unbalnced load.)

EFFECT
It reduces vibration and noise effectively while spinning.

WATER FLOW

WASH	|	DRAIN	SPIN	FILL	RINSE 1	|	DRAIN	SPIN	FILL	RINSE 2	|	DRAIN	•••

MOTOR	C.W	▬				▬		
SINGAL	C.C.W			▬				
TIME(SEC.)		0.3	0.3	0.3	0.3	0.3	0.3	•••••••

35 SEC. (About 29 Times)

Function for Soak Wash

DISPLAY THE RESIDUAL TIME
When the SOAK WASH is selected, the total wash time increases because 60 minutes for soak process are added to the time of main process.

PROGRESS

SOAK PROCESS | MAIN PROCESS

FILL	WASH	STOP	WASH	STOP	
•	2’ |	28’	2’ |	28’	

60 Minute

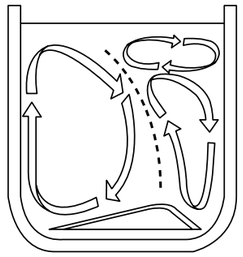
NOTES ‘ | ’ mark indicates the operation of the water currents to adjust the unbalanced load.

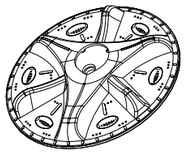
Automatic Water Supply System For Blanket Wash

The water level would be lowered because the blanket absorbs water at the beginning of washing. Therefore, after 30 seconds, the operation is interrupted to check the water level, and then the water is supplied again until the selected water level is reached.

Pulsator System

When the pulsator is rotated C.W or C.C.W at a high speed, it makes the cyclone water flow from the asymmetrically designed pulsator as shown below.





Asymmetrically designed pulsator makes the cyclone water fow, which get rid of the washing dead zone to increase the washing effect and reduce the entanglement of laundry.

Automatic Drainning time Adjustment

This system adjusts the draining time automatically according to the draining condition.

Draining condition	Good draining	The washer begins spin process after drainage.
	Bad draining	Drainiig time is prolonged.
	No draining	Program is stopped and gives the alarm.

FUNCTIONAL PRINCIPLE

① The micom can remember the time from the begining of drain to reset point when the pressure switch reaches to "OFF" point

Drain Time	Movement of the Program
Less than 15 minutes	Continue draining
More than 15 minutes	Program stops and gives the alarm with dE blinked on display lamp.

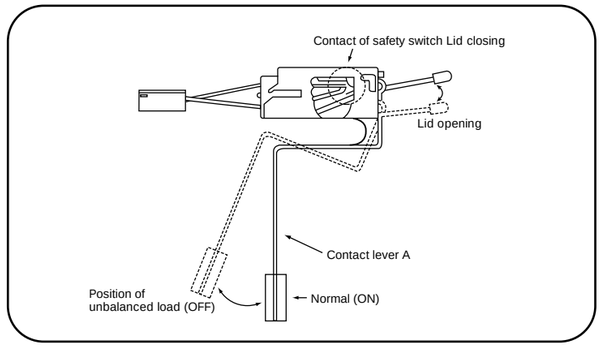
② In case of continuous draining, residual drain time is determined by micom.
Draining time as a whole = D + 90
- 90 — Residual drain time.
- D — The time remembered by micom.

Automatic Unbalance Adjustment

This system is to prevent abnormal vibration during intermittent spin and spin process.

FUNCTIONAL PRINCIPLE

① When the lid is closed, the safety switch contact is "ON" position.
② In case that wash loads get uneven during spin, the outer tub hits the safety switch due to the serious vibration, and the spin process is interrupted.
③ In case that P.C.B. ASS'Y gets "OFF" signal from the safety switch, spin process are stopped and rinse process is started automatically by P.C.B. ASS'Y.
④ If the safety switch is operated due to the unbalance of the tub, the program is stopped and the alarm is given.



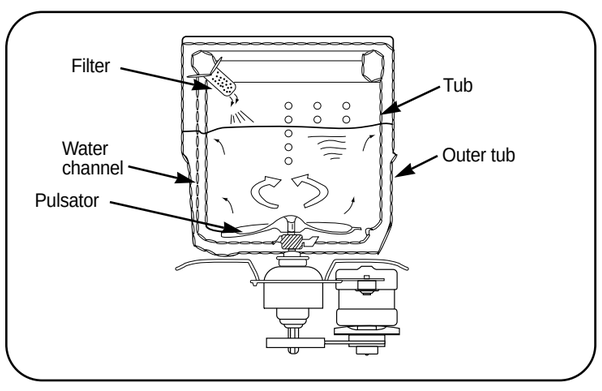
NOTES

The alarm finished when you close the lid after opening it. Check the unbalance of the wash load and the installation condition.

Circulating-Water Course and Lint Filter

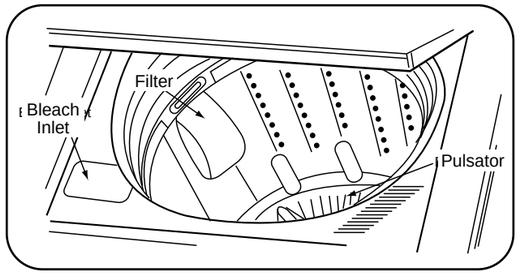
CIRCULATING-WATER

The washing and rinsing effects have been improved by adopting the water system in which water in the tub is circulated in a designed pattern.
When the pulsator rotates during the washing or rinsing process, the water below the pulsator vanes creates a water currents as shown in figure.
The water is then discharged from the upper part of the tub through the water channel. About 40 L/min. water is circulated at the 'high' water level, standard wash load and standard water currents.



Lint Filter

Much lint may be obtained according to the kind of clothes to be washed and some of the lint may also sticks to the clothes.
To minimize this possibility a lint filter is provided on the upper part of the tub to filter the wash water as it is discharged from the water channel. It is good to use the lint filter during washing.



HOW TO REPLACE LINT FILTER

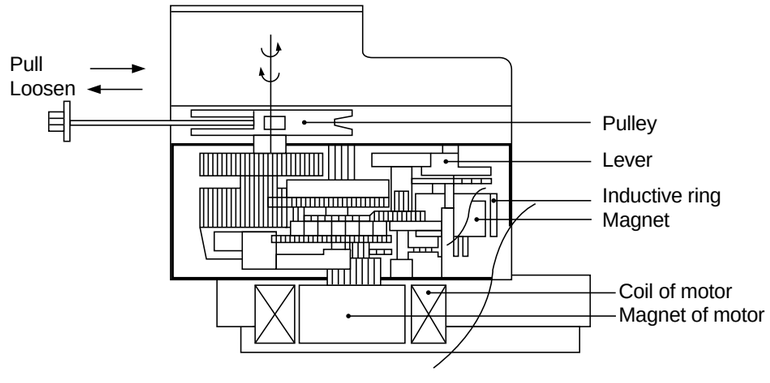
① Pull the filter frame upward.
② Turn the lint filter inside out, and wash the lint off with water.
③ Return the filter as it was, and fix the filter frame to the slot.

Residual Time Display

When the START/HOLD button is pressed, the residual time (min.) is displayed on the time indicator, and it will be counted down according to process.
When operation is finished, the TIME INDICATOR will light up 0 .

Drain Motor

STRUCTURE

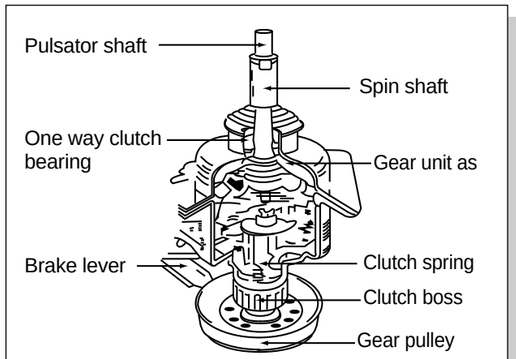


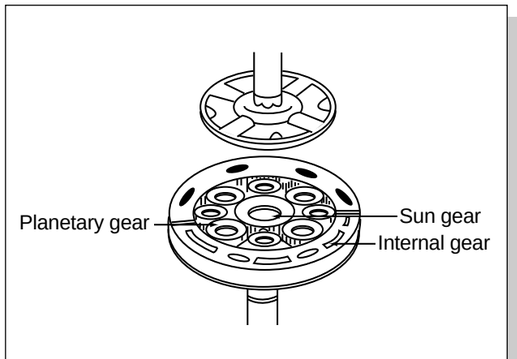
FUNCTIONAL PRINCIPLE

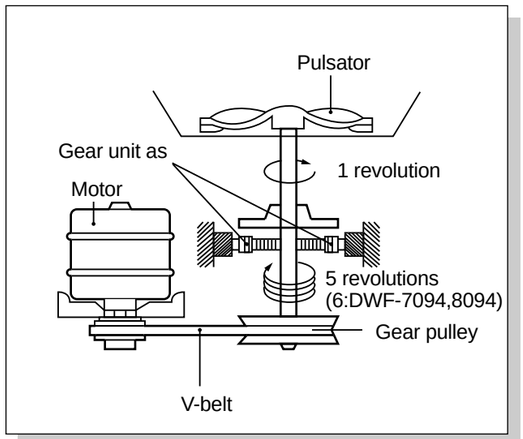
① When the DRAIN MOTOR connected to the power source, the DRAIN MOTOR rotates with 900 r.p.m and revolves the pulley by gear assembly for reducing.
② When the pulley is rotated, the pulley winds the wire to open the drain valve.
③ Therefore, rotation of pulley changed to the linear moving of wire.
④ The wire pulls the brake lever of Gear Mechanism Ass'y within 5 seconds.
⑤ After the wire pulled, gear assembly is separated from motor and condition of pulling is held by operation of the lever.
⑥ When the power is turned off, the drain valve is closed because the wire returns to original position.

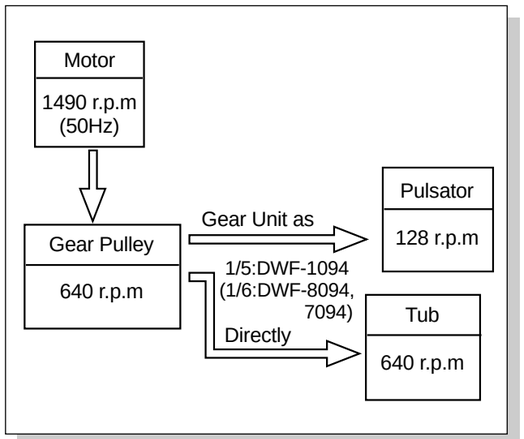
Gear Mechanism Ass'y

The proper water currents is made by the rotation of pulsator at a low speed to prevent the damage to the small sized clothes.



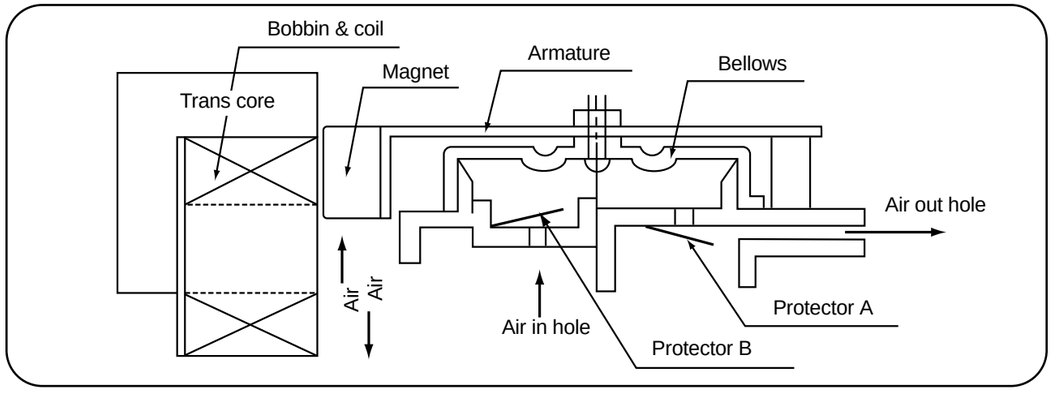






Principle of Bubble Generator

STRUCTURE

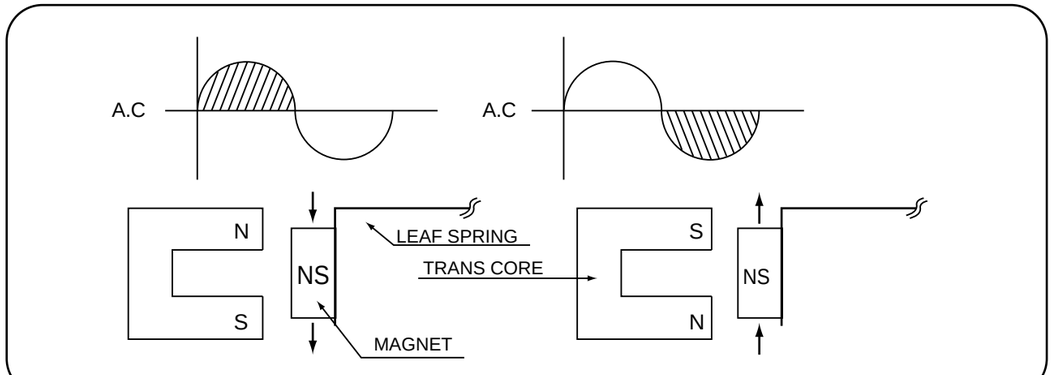


PRINCIPLE OF INTAKE & OUTLET OF THE AIR

INTAKE : ARMATURE moves up, and BELLOWS inhales the air. At the same time, protector B is open and A is close.
OUTLET : ARMATURE moves down, and BELLOWS exhausts the air. At the same time, protector B is close and A is opend.

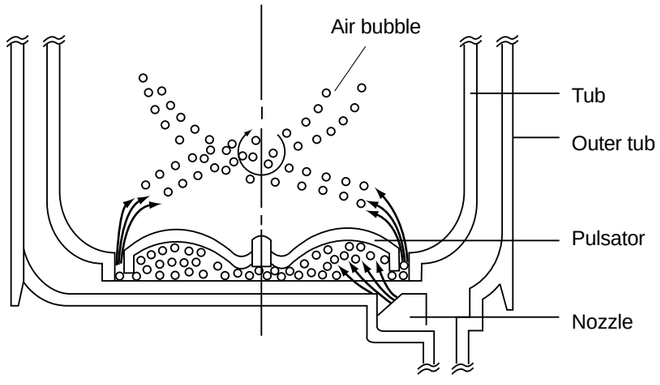
FUNCTIONAL PRINCIPLE OF TRANS & MAGNET

- The phase of A.C electric power changes to 60 cycle/second.
- The magnetic pole of trans core is changed by the change of the phase of A.C electric power.
- The core repeats push and pull (3600 times/min.) of the at mature magnet.



Functional Principle of Bubble Washing Machine

ACROSS SECTION



FUNCTIONAL PRINCIPLE

Bubble generator supplies the air from the bottom of outer tub to the inner space of pulsator, the air is dispersed by the rotation of pulsator. Air-bubble is created by the centrifugal force, and rises up.

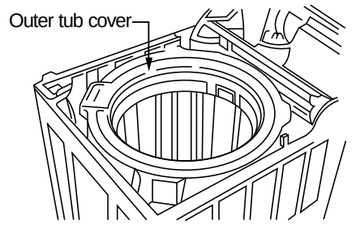
7. DIRECTIONS FOR DISASSEMBLY AND ADJUSTMENT

Warning

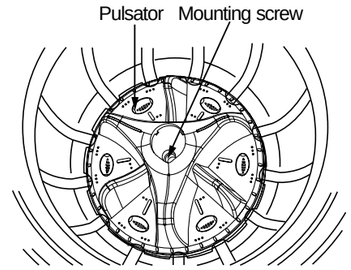
BEFORE ATTEMPTING TO SERVICE OR ADJUST ANY PART OF THE WASHING MACHINE, DISCONNECT THE POWER CORD FROM THE ELECTRIC OUTLET.

Gear Mechanism Ass'y Replacement

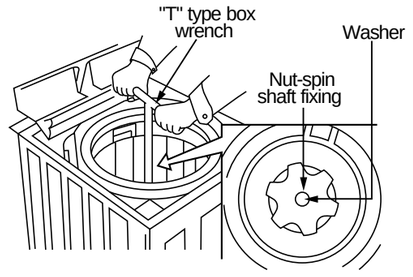
- Raise the top plate on the outer cabinet.
- Loosen four screws mounting outer tub cover and remove outer tub cover from the tub ass'y.



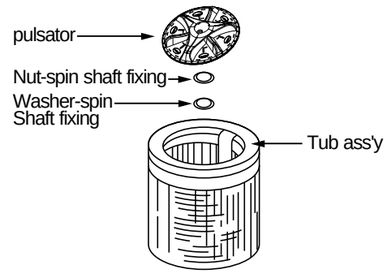
- Loosen the pulsator mounting screw and remove the pulsator.



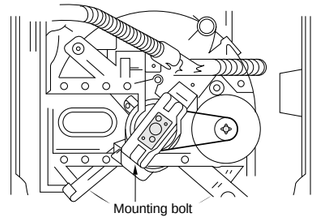
- Remove the spinner shaft flange nut by using 'T' type box wrench.



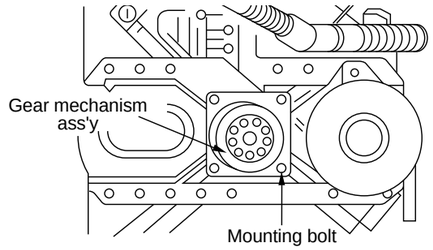
- Remove the tub ass'y.



- Lay the front of the washer on the floor.
- Remove four bolts mounting the plate-gear protect by using a box wrench and remove plate-gear protect.
- Remove the V-belt.



- Remove four bolts mounting the gear mechanism ass'y by using a box wrench.
- Pull out the gear mechanism ass'y.

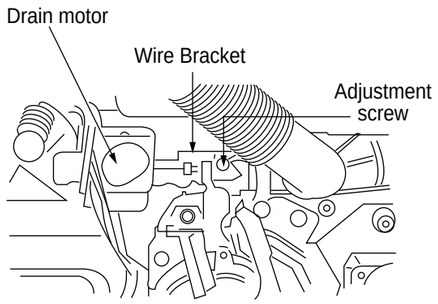


NOTES

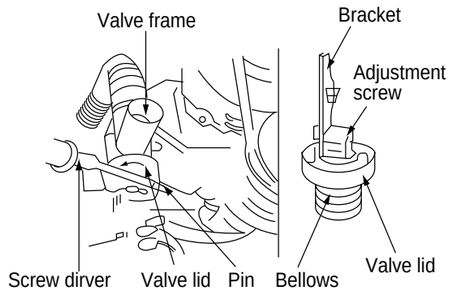
To assemble the gear mechanism ass'y, reverse the disassembly procedure.

Drain Motor and Valve

- Lay the front of the washer on the floor.
- Loosen the adjustment screw and four bolts mounting the drain motor.
- Take out the wire of drain motor from the bracket.

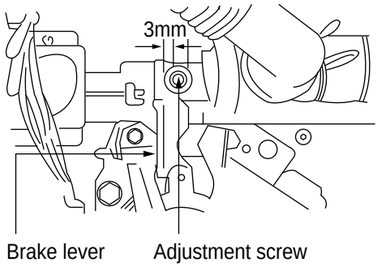


- Separate the drain motor from the bracket.
- Turn the valve lid by using screw driver as shown in figure and remove the valve lid from the valve frame.

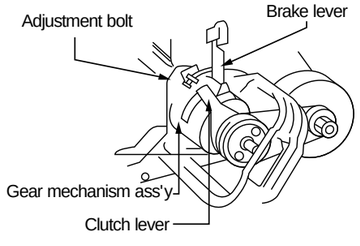


Brake Adjustment

- Loosen the adjustment screw fastening the bracket and place the adjustment screw to the brake lever as shown in figure.
- Tighten the adjustment screw completely.



- Loosen the adjustment bolt and turn the adjustment bolt until the end of the bolt touches to the brake lever.
- Tighten the lock nut and apply a small amount of paint-lock.



NOTES

1. The brake adjustment has been made at the factory, so that it is not to re-adjust. However, in case of insufficient brake operation, perform the upper procedure.
2. Overtightening of the adjustment bolt will cause poor brake performance.
3. Undertightening of the adjustment bolt will cause continuous bracking and, thereby, cause the problems of the motor during the spin cycle.

NOTES

1. When replace the P.C.B. ASS'Y do not scratch the surface of the P.C.B. ASS'Y.
2. Disconnect the power cord from the electric outlet.

Concerning Water Supply

PROBLEM	CHECK POINT	CAUSE	SOLUTION
WATER IS NOT SUPPLIED.	Do you open the water tap?	NO	Open the water tap.
	Is the filter of the water inlet valve clogged with dirt?	YES	Clean the filter.
	Is the water pressure sufficient? ($0.3\sim8$ kgf/cm^2)	NO	Increase the water pressure.
	Does the water inlet valve make operating sound?	NO	Water inlet valve is defective. → Change water inlet valve.
	Is the connector or the terminal connected properly?	NO	Improper connection of the connector or the terminal. → Connect the connector or the terminal properly.
	Is the output voltage of the P.C.B normal?	NO	P.C.B AS is defective. → Change the P.C.B AS.
		YES	Lead wire is defective. → Change the lead wires.

NOTE : Open the water tap fully and measure the flow rate.

Flow rate(ℓ/min.)	11.5	15.0	18.0	20.3	24.1	27.4
Water pressure (Kgf/cm^2)	0.3	0.4	0.5	0.6	0.8	1.0

From the upper results, you know that the flow rate more than 11.5 ℓ/min. is essential for water supply.

PROBLEM	CHECK POINT		CAUSE	SOLUTION
WATER SUPPLY IS NOT STOPPED.	Does the water supply continue while the power is turned off?	YES	The water inlet valve is defective.	Change the water inlet valve.
	Does the water supply start as soon as you press the power switch?	YES	The triac of P.C.B is defective.	Change the P.C.B ASS'Y.
	Operate the washer after setting the water level to "HIGH"	NO		
	Does the water supply continue after the water reaches to the "HIGH" level?	NO		Normal operation.
	Is the air tube of water level switch kinked or deformed?	YES	Air tube is defective.	Change the air tube.
		NO	Pressure switch is defective.	Change the pressure switch.

Concerning Washing

PROBLEM	CHECK POINT		CAUSE	SOLUTION
THE PULSATOR DOES NOT ROTATE EVEN IF THE WATER IS SUPPLED.	Does the motor operate after finishing water supply?	NO		
	Does pulsator rotate in only one direction?	YES	The triac of P.C.B is defective.	Change the P.C.B ASS'Y.
		NO		Normal
	Does the motor make operating sound?	YES		
	Is the motor coil disconnected?	YES	Motor is defective.	Change the motor.
	Is the connection condition of capacitor terminal good?	NO	Improper connection	Connect the terminal properly.
	Is the V-belt worn out?	YES		
		NO	V-belt is defective.	Change the V-belt.
		NO		Change the motor.

Concerning Draining

PROBLEM	CHECK POINT		CAUSE	SOLUTION
THE WASHER DOES NOT DRAIN.	Do you install the drain hose properly?	NO	Improper installation	Install the drain hose properly.
	Is the foreign matter accumulated inside the pump housig?	YES	Malfunction of drainage by the foreign matter	Remove the foreign matter from the pump housing
	Is the output voltage of the drain pump normal?	YES	Drain pump is defective	Change the Drain pump
		NO	P.C.B ASS'Y is defective.	Change the P.C.B ASS'Y.

Concerning Spinning

PROBLEM	CHECK POINT	CAUSE	SOLUTION
THE WASHER DOES NOT SPIN.	Is the lid open? — YES		Close the lid.
	Is the lid open? — NO → Does the door switch operate normally?	Door switch is defective.	Change the door switch.
	Does the safety switch operate normally? — NO	Safety switch is defective.	Change the safety switch.
	Does the safety switch operate normally? — YES → Is the connector of P.C.B ASS'Y connected properly? — NO	Improper connection of the connector.	Connect the connector properly.
	Is the connector of P.C.B ASS'Y connected properly? — YES	P.C.B. ASS'Y is defective.	Change P.C.B ASS'Y.
	Does the pulsator rotate while the tub does not rotate? — NO → Is the input voltage of the drain motor normal? — YES	Drain motor is defective.	Change the drain motor.
	Is the input voltage of the drain motor normal? — NO	P.C.B ASS'Y is defective.	Change the P.C.B ASS'Y.
	Does the pulsator rotate while the tub does not rotate? — YES → Is the V-belt worn out? — YES	V-belt is defective.	Change the V-belt.
	Is the V-belt worn out? — NO → Is the input voltage of motor normal? — YES	Motor is defective.	Change the motor.
	Is the input voltage of motor normal? — NO → Is the connection condition of capacitor terminal good? — NO	Improper connection.	Connect the terminal correctly.
	Is the connection condition of capacitor terminal good? — YES	P.C.B ASS'Y is defective.	Change the P.C.B ASS'Y.

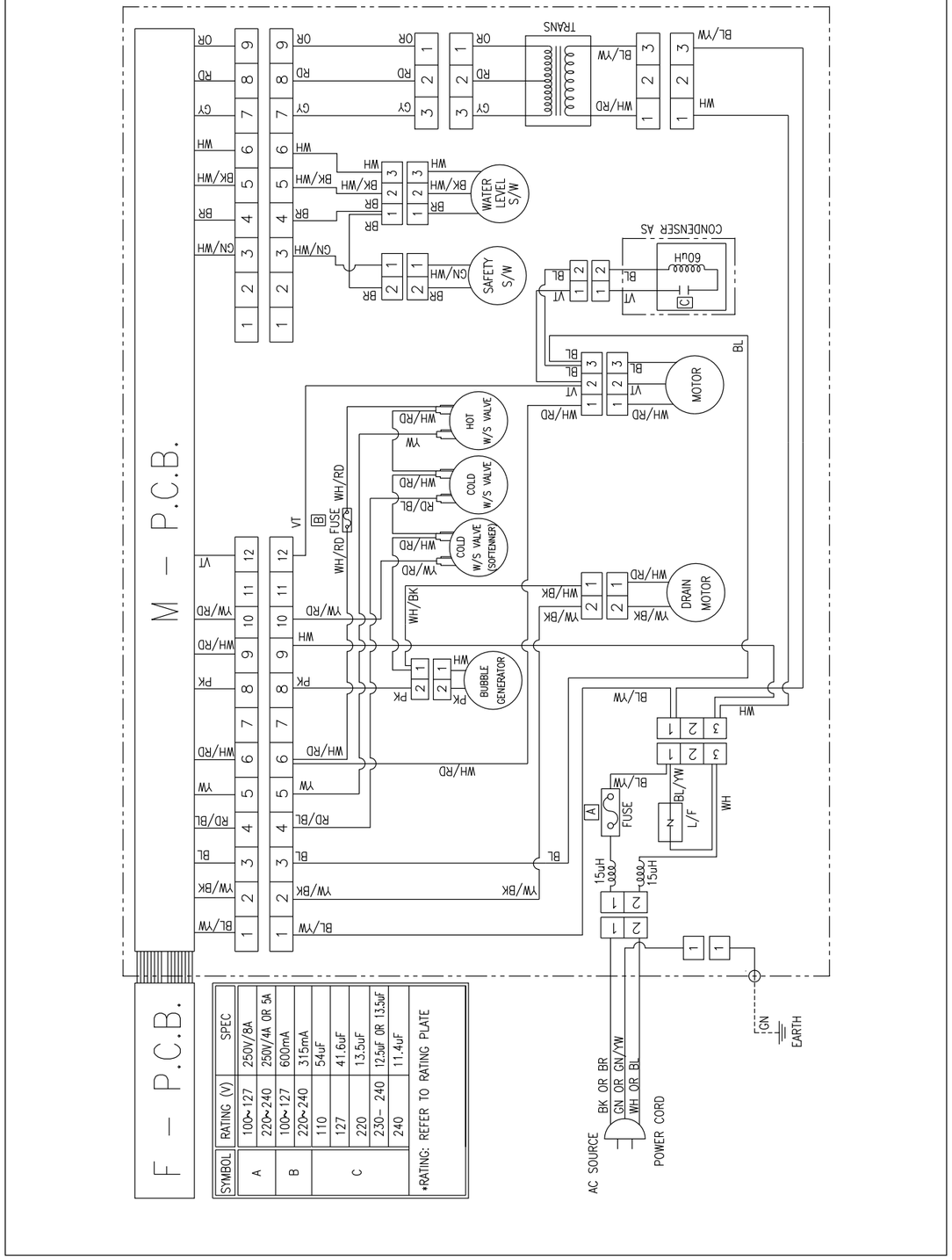
Concerning Operation

PROBLEM	CHECK POINT	CAUSE	SOLUTION
THE INDICATOR LAMPS(L.E.D) DO NOT LIGHT UP WHEN THE POWER BUTTON IS PRESSED.	Is the plug connect-ed to electric outlet? — NO		Connect the plug.
	Is the plug connect-ed to electric outlet? — YES → Is Fuse opended? — YES		Change Fuse
	Is Fuse opended? — NO → Is the condition of power button good? — NO	Power button is defective	Change P.C.B ASS'Y.
	Is the condition of power button good? — YES → Is the connector of the P.C.B. ASS'Y connect-ed properly? — NO	Improper connection of the connector.	Connect the connector properly.
	Is the connector of the P.C.B. ASS'Y connect-ed properly? — YES → Is input voltage of the transformer normal? — NO	Transformer is defective	Change the transformer.
	Is input voltage of the transformer normal? — YES	P.C.B. ASS'Y is defective.	Change P.C.B ASS'Y.
PROGRESS LAMPS(LED) DO NOT LIGHT UP.	Do you press START/HOLD button? — NO		Press START/HOLD button.
	Do you press START/HOLD button? — YES	P.C.B ASS'Y is defective.	Replace P.C.B ASS'Y.
MOTOR ROTATES WHEN START/HOLD BUTTON IS NOT PRESSED.	Does the pressure switch operate normally? — NO	Pressure switch is defective.	Change the pressure switch.
	Does the pressure switch operate normally? — YES → Check the output voltage of P.C.B ASS'Y	P.C.B ASS'Y is defective (Abnormal)	Change P.C.B ASS'Y.
ABNORMAL NOISE DURING WASH PROCESS.	Is the strange noise generated when the pulsator rotates in TEST MODE of P.C.B ASS'Y? — YES	There is foreign matter between pulsator and tub.	Remove the foreign matter.
	Is the strange noise generated when the pulsator rotates in TEST MODE of P.C.B ASS'Y? — NO → Is the V-belt worn out? — YES	V-belt is defective.	Change the V-belt.

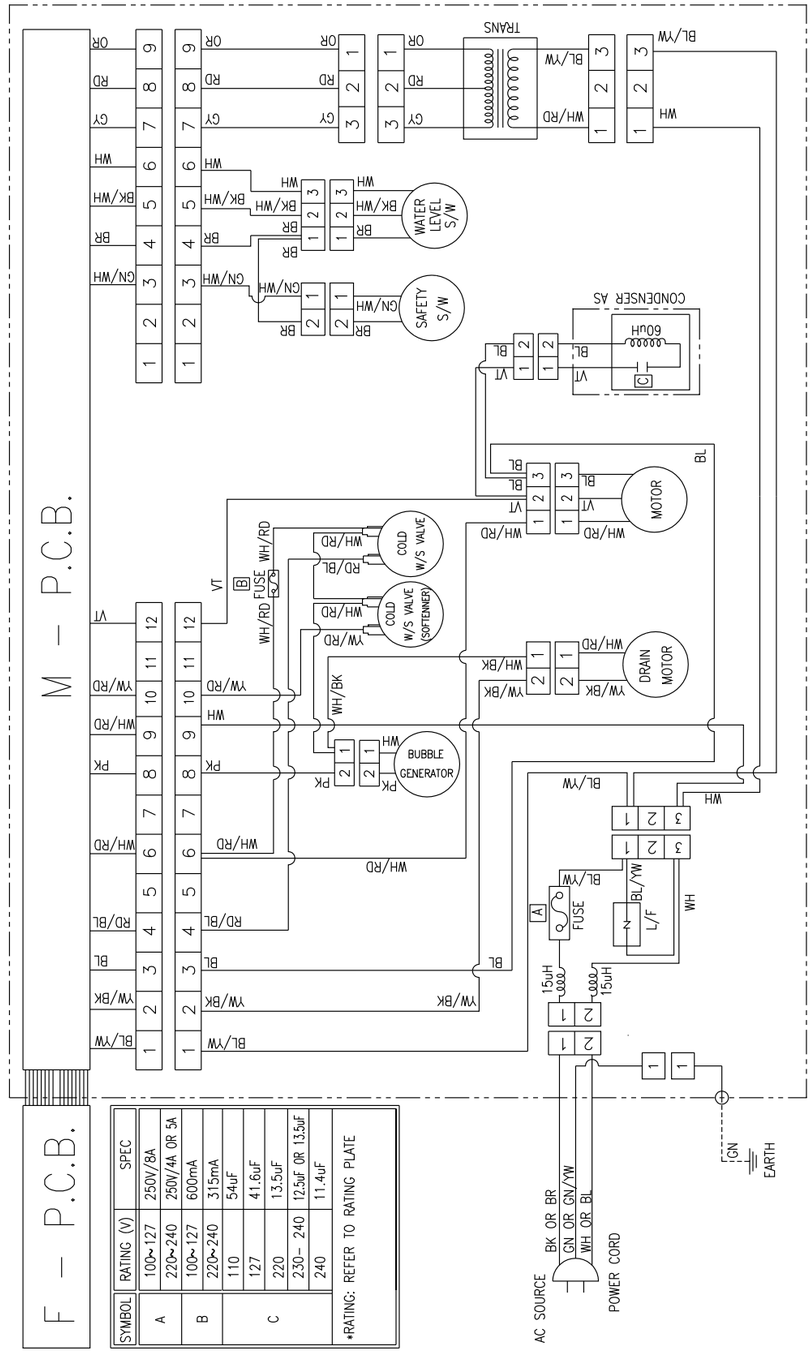
Concerning Error Message

MESSAGE	CAUSE	SOLUTION
	Improper installation of drain hose.	Install drain hose properly.
	The drain hose is blocked up by foreign matter.	Remove foreign matter from drain hose.
	Drain motor is inferior.	Change drain motor.
	The water tap is closed.	Open the water tap.
	The water inlet filter clogged.	Clean the water inlet filter.
	It passes over the 60 minutes, yet it doesn't come to assigned water level.	Check whether or not is comes to the assigned water level.
	Wash loads get uneven during spin.	Re-set wash loads evenly.
	Poor installation of the unit.	Proper installation.
	The lid is opened.	Close the lid.
	The safety switch is inferior.	Change the safety switch.
	The load sensing is inferior. After the load sensing operates about 15 seconds, the message is displayed during 0.5 second and water level is always fixed 'high'.	Change the P.C.B. ASS'Y.
	The water level sensing is inferior.	Check the water level sensor and the contact part of the connector.

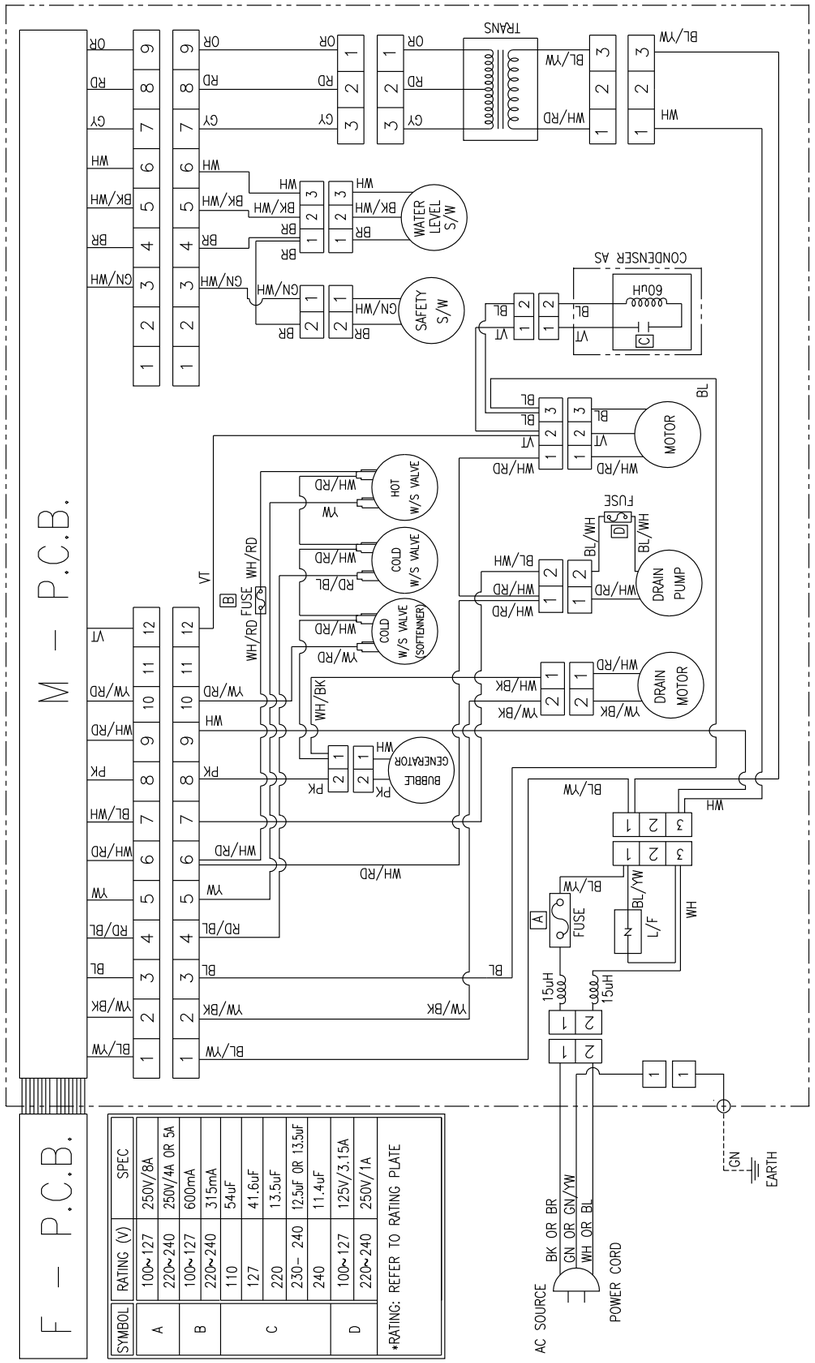
Wiring Diagram [Dwf-7094 non-pump]



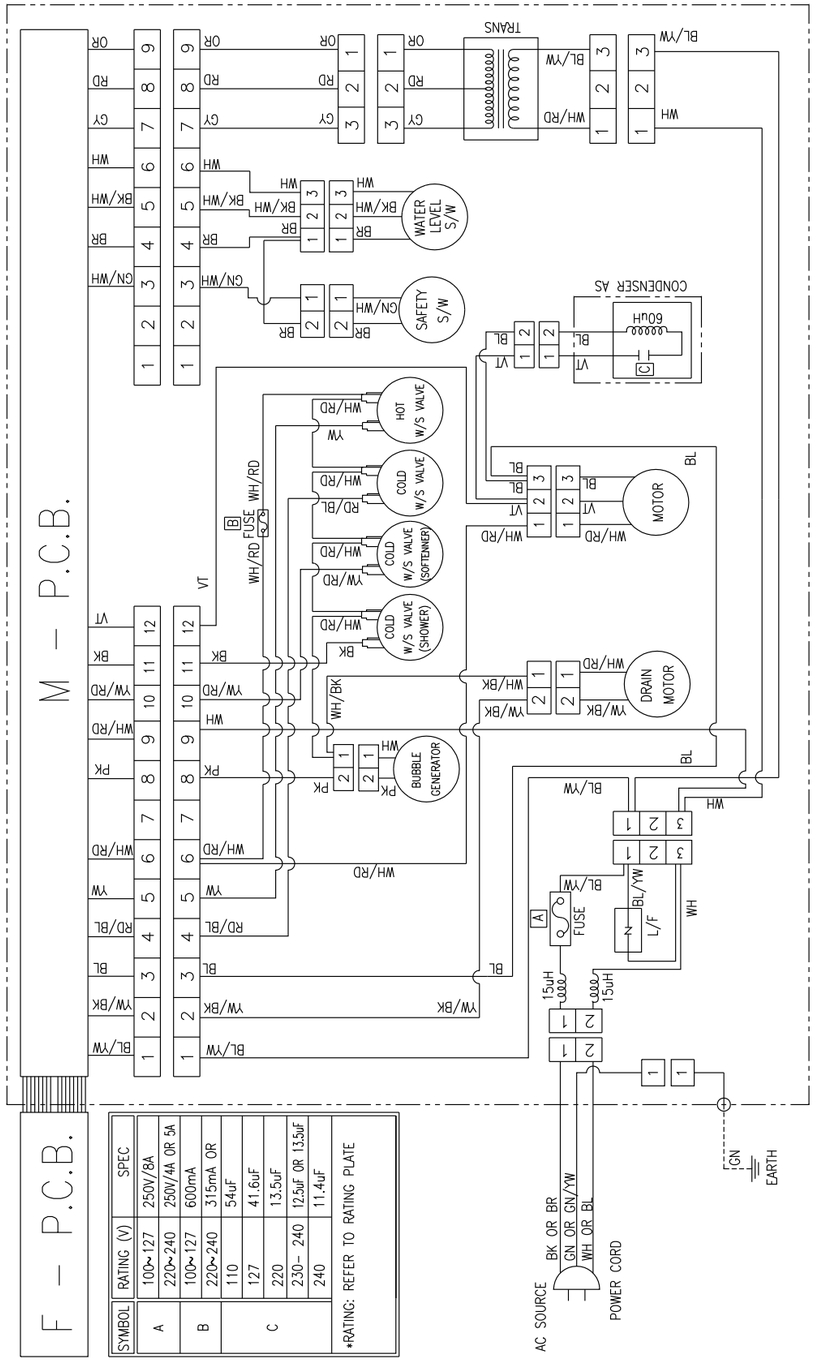
[Dwf-7094 Non-Pump, Single Valve]



[Dwf-7094 Pump]



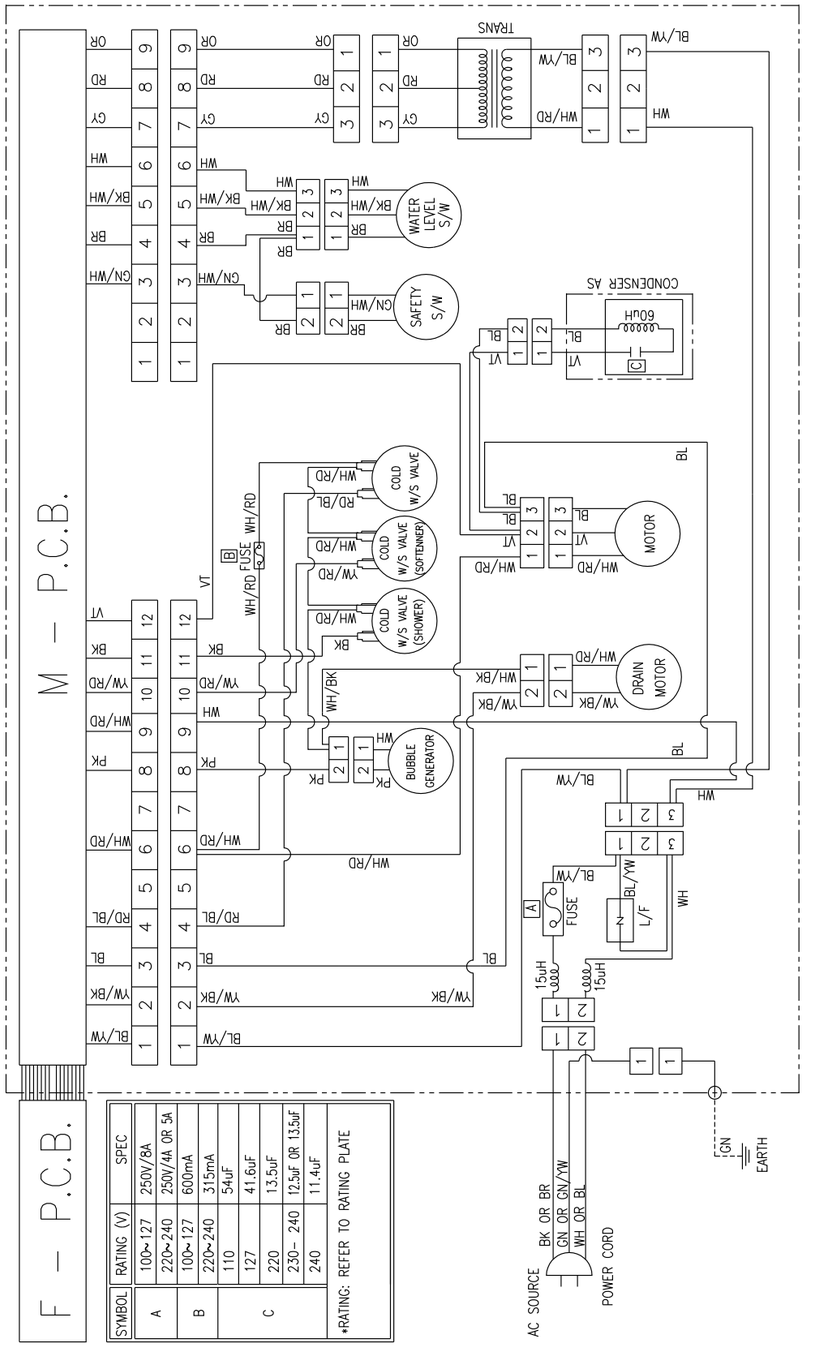
[Dwf-8094, 1094 non-pump]



SYMBOL	RATING (V)	SPEC
A	100~127	250V/8A
	220~240	250V/4A OR 5A
B	100~127	600mA
	220~240	315mA OR
C	110	54uF
	127	41.6uF
	220	13.5uF
	230~ 240	12.5uF OR 13.5uF
	240	11.4uF

*RATING: REFER TO RATING PLATE

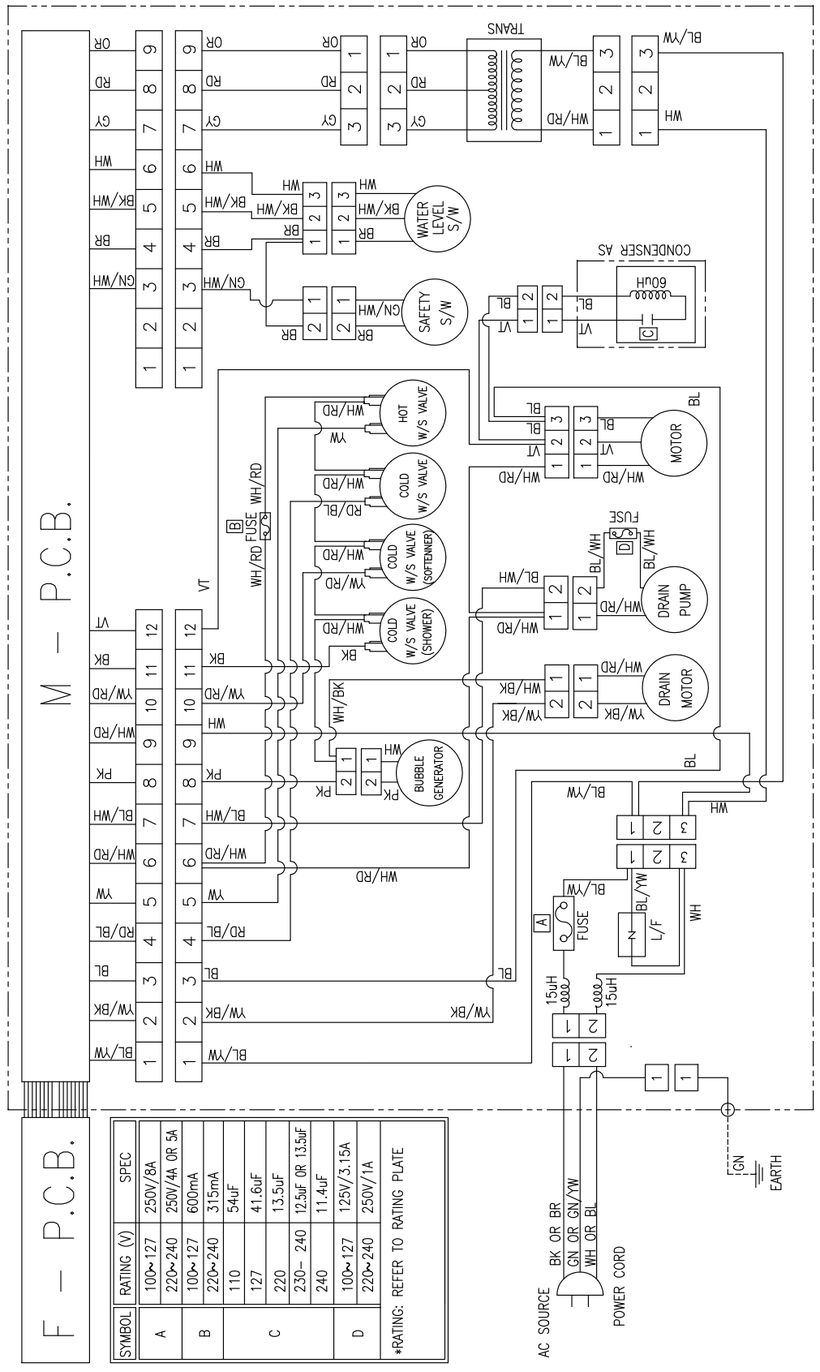
[Dwf-8094, 1094 non-pump, single valve]



SYMBOL	RATING (V)	SPEC
A	100~127	250V/8A
	220~240	250V/4A OR 5A
B	100~127	600mA
	220~240	315mA
C	110	54uF
	127	41.6uF
	220	13.5uF
	230~ 240	12.5uF OR 13.5uF
	240	11.4uF

*RATING: REFER TO RATING PLATE

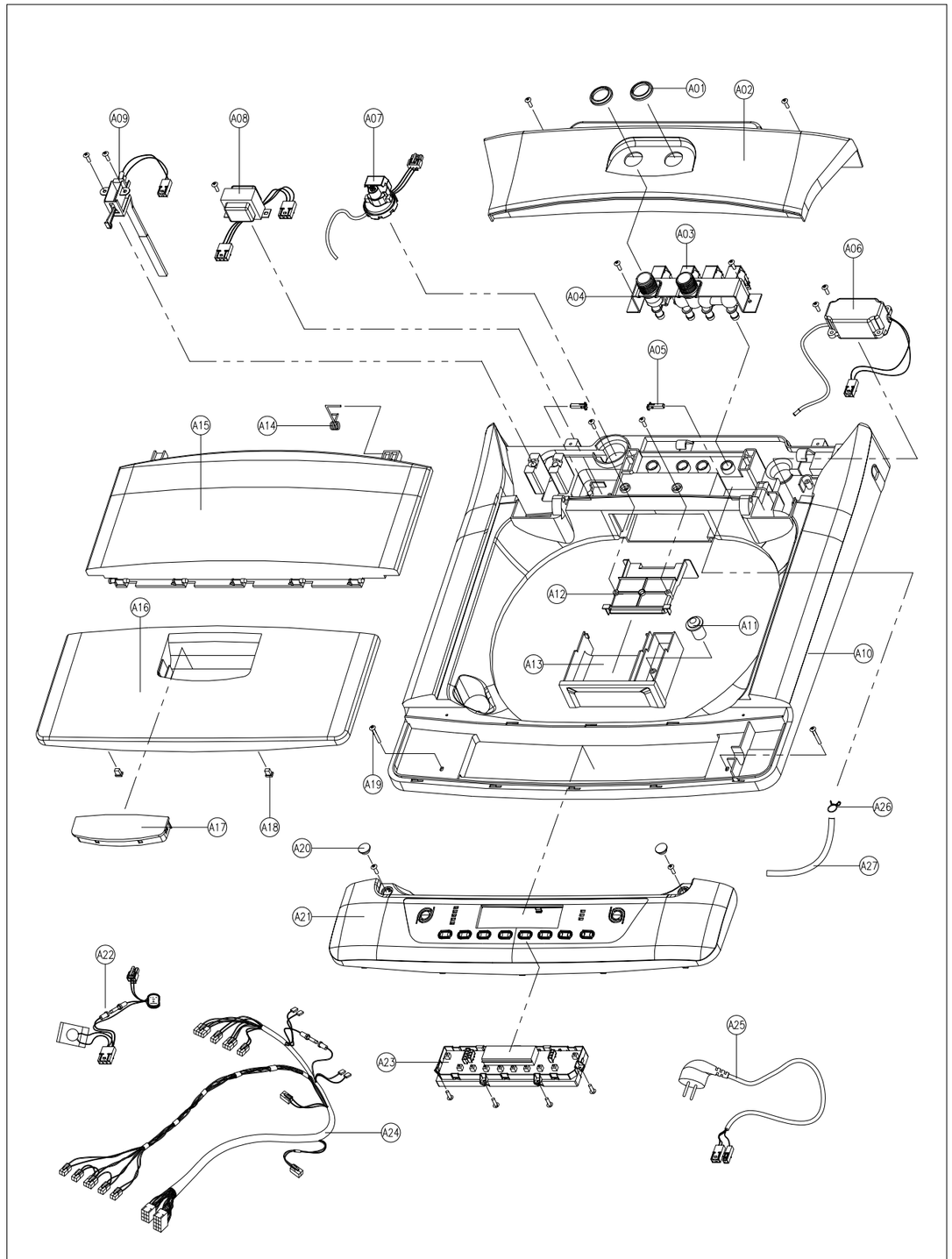
[Dwf-8094, 1094 pump]

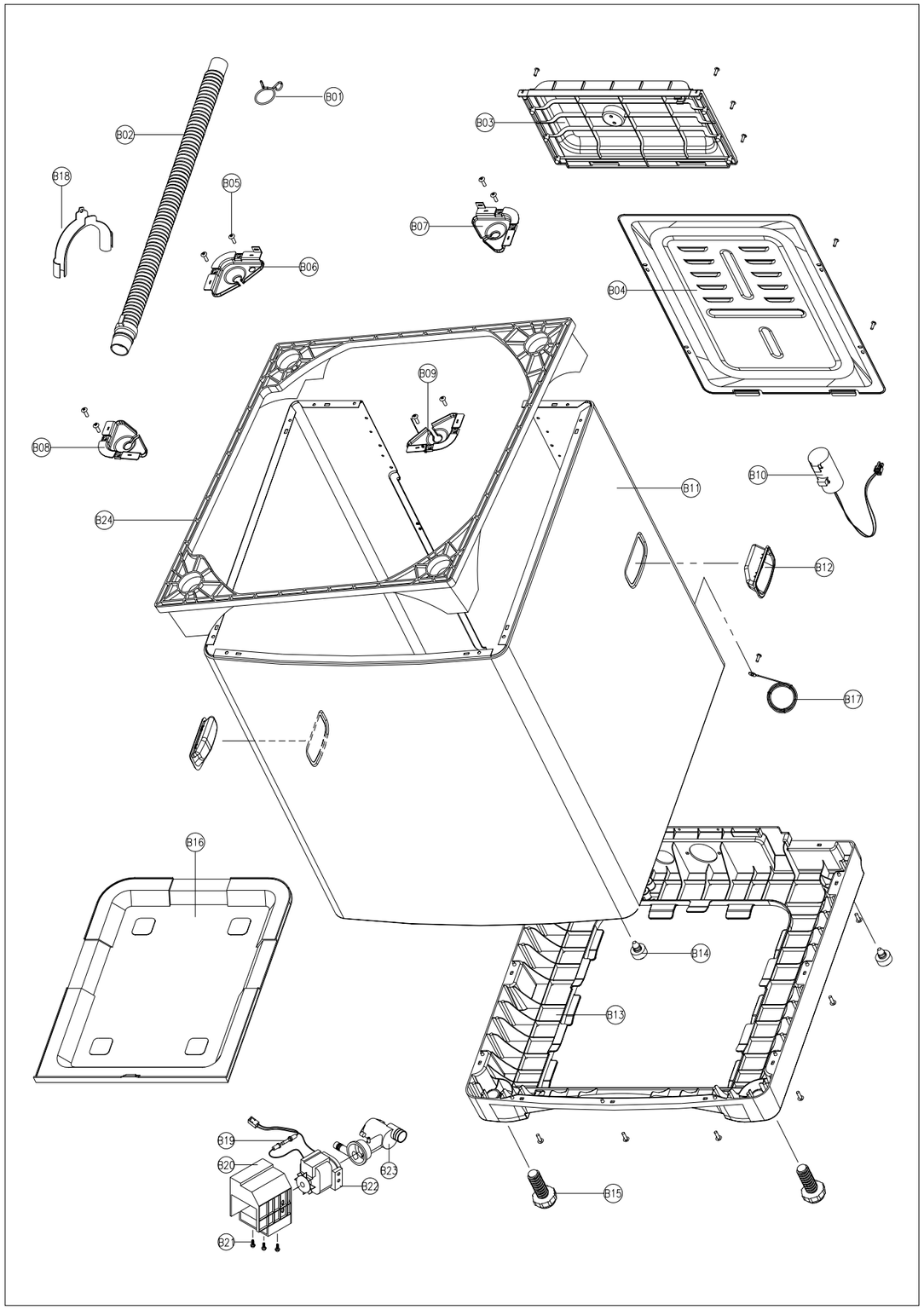


SYMBOL	RATING (V)	SPEC
A	100~127	250V/8A
	220~240	250V/4A OR 5A
B	100~127	600mA
	220~240	315mA
C	110	54uF
	127	41.6uF
	220	13.5uF
	230~ 240	12.5uF OR 13.5uF
	240	11.4uF
D	100~127	125V/3.15A
	220~240	250V/1A

*RATING: REFER TO RATING PLATE

Parts Diagram





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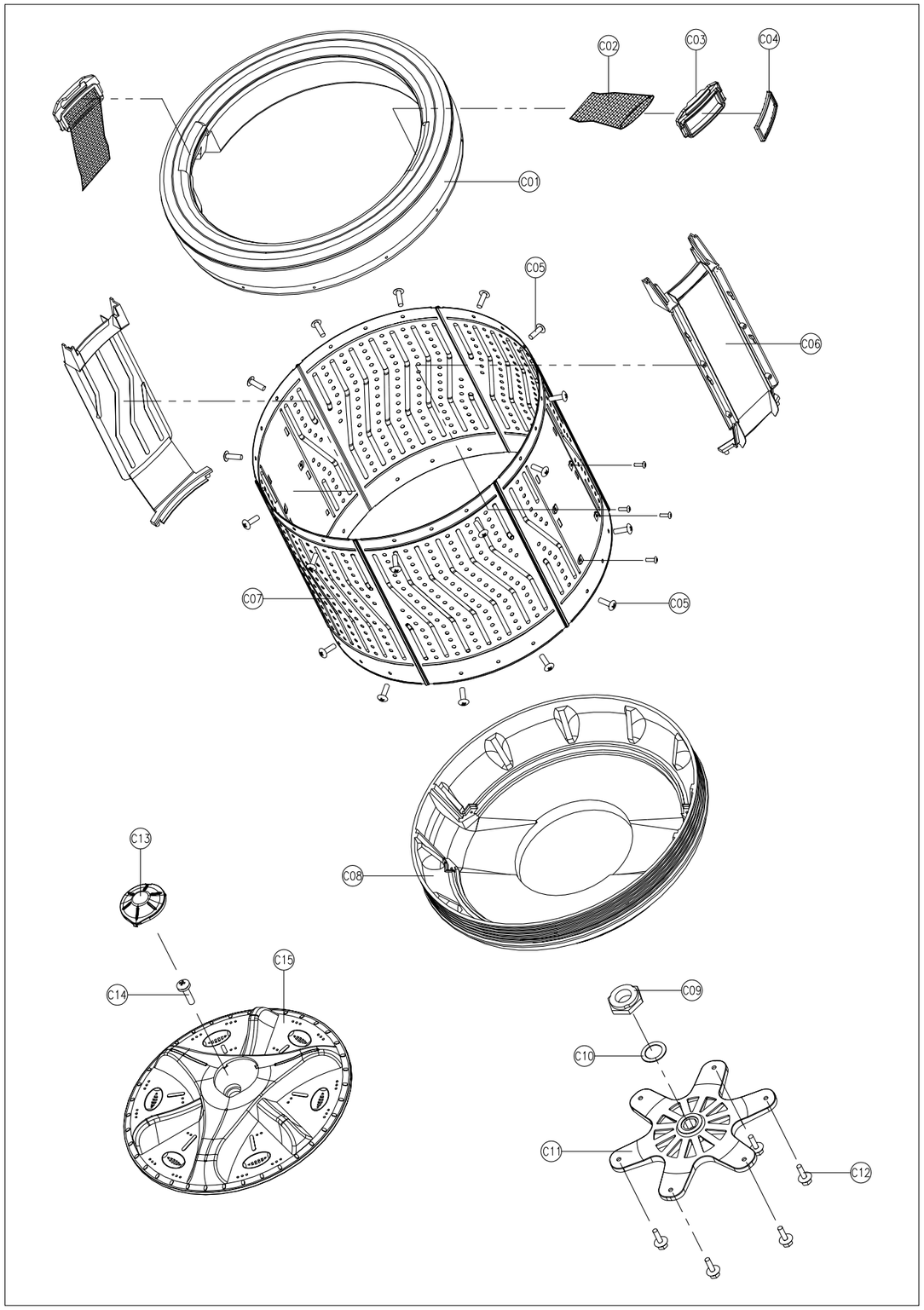

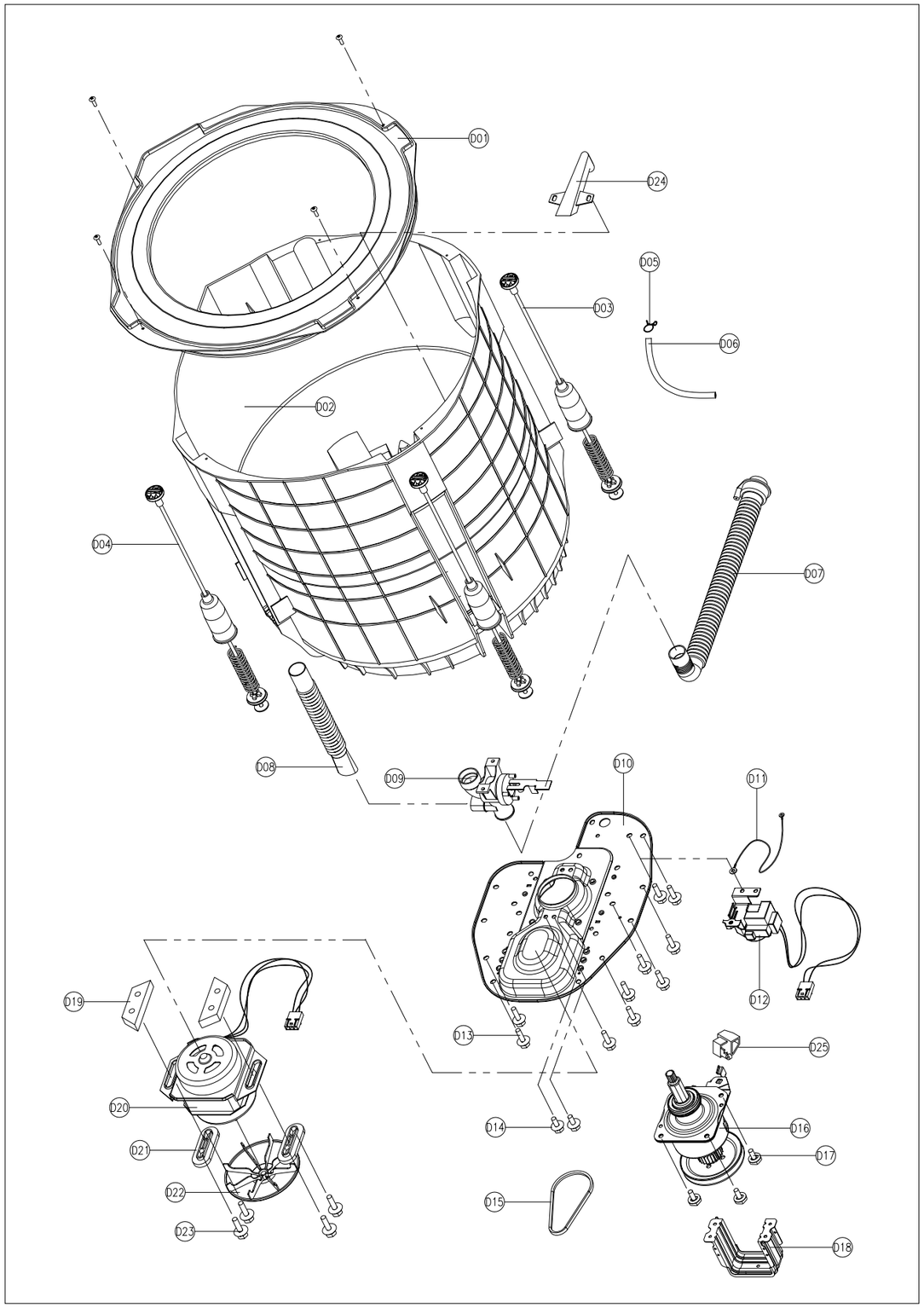

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Parts List

1. DWF-8094, DWF-7094

NO	PARTS CODE	PARTS NAME	EA	DESCRIPTION	REMARK
A01	3612300110	GASKET VALVE	2	PVC-S	1EA;SINGLE VALVE
A02	3614218540	PANEL B	1	ABS, NO-METAL	
A03	3615405420	VALVE INLET COLD	1	AC 100/50,60Hz	DWF-8094
	3615405430			AC 110-130V/60Hz	DWF-8094
	3615405400			AC 220V/60Hz	DWF-8094
	3615405440			AC 220-240V/50Hz	DWF-8094
	3615405450	VALVE INLET COLD	1	AC 100/50,60Hz	DWF-7094
	3615405460			AC 110-130V/60Hz	DWF-7094
	3615405410			AC 220V/60Hz	DWF-7094
	3615405470			AC 220-240V/50Hz	DWF-7094
A04	3615405210	VALVE INLET HOT	1	AC 100V/50,60Hz	0EA;SINGLE VALVE
	3615405220			AC 110-130V/60Hz	0EA;SINGLE VALVE
	3615405200			AC 220V/60Hz	0EA;SINGLE VALVE
	3614505230			AC 220-240V/50Hz	0EA;SINGLE VALVE
A05	3612902400	HINGE DOOR	2	POLYACETAL	
A06	3618918800	BUBBLE PUMP ASS'Y	1	AC 100-130V/50,60Hz	HOSE : 500mm
	3618919400			AC 220-240V/50,60Hz	HOSE : 500mm
A07	3614800960	SWITCH PRESSURE	1	CDN-D7	
A08	5EP1048010	TRANS POWER	1	T5-V1 (AC 110-130V)	
	5EP1048020			T5-V1F(AC 110-130V)	FUSE
	5EP1048030			T5-V2 (AC 220-240V)	
	5EP1048040			T5-V2F(AC 220-240V)	FUSE
A09	3619003100	SWITCH SAFETY	1	DC 15V 10mA SF-040A	
	3619003110			DC 15V 10mA SF-040F	
A10	3614514840	PLATE T	1	ABS, NO-METAL	
A11	3610907800	CAP SOFTENER	1	PP	
A12	3618101700	NOZZLE DETERGENT	1	PP	
A13	3611114700	CASE DETERGENT	1	PP	
A14	3615107900	SPRING DOOR	1	SUS 304 D=1.8	
A15	3611718200	DOOR B	1	ABS, NO-METAL	
A16	3611718100	DOOR F	1	ABS, NO-METAL	
A17	3612603500	HANDLE DOOR	1	ABS, NO-METAL	
A18	3611504100	CUSHION DOOR	2	CR	
A19	3616001200	SPECIAL BOLT	2	T1 TRS 5x73	
A20	3610906710	CAP	2	PP	
A21	3614218640	PANEL F	1	ABS, NO-METAL	

NO	PARTS CODE	PARTS NAME	EA	DESCRIPTION	REMARK
A22	3618918400	UNIT FUSE FILTER	1	AC 250V/4A, FERRITE	
	3618914810			AC 250V/5A, FERRITE	TUV
	3618918410			AC 250V/8A, FERRITE	
A23	PRPSSWXZ00	P.C.B ASS'Y	1	DWF-8094G1	NON-PUMP
	PRPSSWX200			DWF-8094CTE/CNE/CME	SINGLE VALVE
	PRPSSWX100			DWF-8094PT/PN/PM/PL	PUMP
	PRPSSWWX00			DWF-7094G3	NON-PUMP
	PRPSSWWZ00			DWF-7094CTE/CNE/CME	SINGLE VALVE
	PRPSSWWY00			DWF-7094PT/PN/PM/PL	PUMP
A24	3612726910	HARNESS AS	1	250V/315mA, DWF-8094	SINGLE VALVE,
	3612726930			250V/600mA, DWF-8094	NON-PUMP
	3612726920			250V/315mA, DWF-8094	PUMP
	3612726940			250V/600mA, DWF-8094	
	3612727210			250V/315mA, DWF-7094	SINGLE VALVE,
	3612727230			250V/600mA, DWF-7094	NON-PUMP
	3612727220			250V/315mA, DWF-7094	PUMP
	3612727240			250V/600mA, DWF-7094	
A25	3611302900	POWER CORD AS	1	3x0.75, 300x2, L=1800	CP-2PIN
	3611302800			A VCTFK 2x0.75 2.3M	FLAT 2PIN
	3611302600			F H05W 3x0.75 2.3M	ITALIAN 3PIN
	3611303300			GTSA-3 3x0.75 GY	ARGENTINE
A26	4500D08180	CLAMP	1	SWC BUBB DIA.=8	
A27	4500D08170	HOSE	1	ID=8, OD=12	L=290mm
B01	3611201000	CLAMP	1	HSW3, D2.6, MFZN, D36	NON-PUMP
	3611202200			HSW-3	PUMP
B02	3613213500	HOSE DRAIN O AS	1	EVA L=950mm	NON-PUMP
	3613217800	HOSE DRAIN O		PE-LD	PUMP
B03	3614501900	PLATE UPPER	1	PP, DWF-8094	
	3614506200			PP, DWF-7094	
B04	3611414010	COVER B	1	SGCC 372*508*0.4T	
B05	-	-	-	-	DWF-1094
B06	-	-	-	-	DWF-1094
B07	-	-	-	-	DWF-1094
B08	-	-	-	-	DWF-1094
B09	-	-	-	-	DWF-1094

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NO	PARTS CODE	PARTS NAME	EA	DESCRIPTION	REMARK
B10	3618920400	ASSY CONDENSER	1	54.0μF+60μH, L=470	110V, #250CONN.
	3618920500			41.6μF+60μH, L=470	127V, #250CONN.
	3618919900			13.5μF+60μH, L=470	220V, #250CONN.
	3618920000			11.5μF+60μH, L=470	240V, #250CONN.
B11	3610808310	CABINET	1	PAINTING, DWF-8094	
	3610808320			PAINTING, DWF-7094	
B12	3612603300	HANDLE CABINET	2	PP	
B13	3610303100	BASE U	1	PP	NON-PUMP
	3610303100			PP	PUMP
B14	4509D10020	FOOT	2	BUTYL RUBBER	
B15	3617702100	LEG ADJUST AS	2	DWF-1089W2	
B16	3611403710	COVER UNDER	1	PP	"UP"
B17	3610068700	HARNESS OUTER	1	50/0.18 GREEN ST710489-2	
B18	3612502300	GUIDE DRAIN HOSE	1	PP(JI-360)	PUMP
B19	3618703760	TERMINAL PUMP	1	AC 250V/1A, #250CONN.	PUMP(AC220-240V)
	3618703770			AC 125V/3.15A, #250CONN.	PUMP(AC100-130V)
B20	3611405320	COVER PUMP	1	PP(B360F)	PUMP
	3611405301			UL/CSA(466FWU,HFH-400)	PUMP
B21	7112501611	SCREW TAPPING	3	T1 TRS 5x16 MFZN	PUMP
B22	3963220330	MOTOR SHADED POLE	1	AC 110V/60Hz	PUMP
	3963821530			AC 120V/60Hz	PUMP
	3963322730			AC 220V/60Hz	PUMP
	3963513430			AC 220-240V/50Hz	PUMP
B23	3611901530	FILTER AS	1	DWF-5590DPNF, E-TYPE	PUMP
B24	3612200100	FRAME TOP	1	PP	
C01	3616101600	BLANCER AS	1	DWF-8094	
	3616101700			DWF-7094	
C02	3611900720	FILTER	1	NYLON(74x130X130)	FILTER AS : 3610085520
C03	3612100400	FRAME FILTER	1	PP	
C04	3613001400	HOLDER	1	PP	
C05	3616003700	SPECIAL SCREW	24	SUS 5.5x16	
C06	3612502200	GUIDE FILTER AS	1	DWF-8094	
	3612502400			DWF-7094	
C07	3618801700	TUB	1	SUS430D, DWF-8094	
	3618801800			SUS430D, DWF-7094	

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NO	PARTS CODE	PARTS NAME	EA	DESCRIPTION	REMARK
C08	3618802000	TUB U	1	PP, DWF-8094	
	3618802100			PP, DWF-7094	
C09	4509G83081	NUT-SPIN SHAFT	1	ZDC2, DWF-8094	
	3616006200			ZDC2, DWF-7094	
C10	4509L83070	SPECIAL WASHER	1	SUS304 T2.0 P144, 8094	
	3616006500			SUS304 T2.0 P144, 7094	
C11	3617200200	FLANGE TUB	1	ADC 12,	
C12	4505E83100	SPECIAL BOLT BASE	6	6.5x23	
C13	3610908300	CAP PULSATOR	1	PP	
C14	4505E3203A	SC. PULSATOR FIX AS	1	6x26.5 O-RING+SILOCK	
C15	3619703700	PULSATOR AS	1	PULSATOR+INSERT	
D01	3611415200	RING SHOWER AS	1	DWF-8094(RING T+RING U)	DWF-8094
	3611408400	COVER TUB *O		PP,	DWF-7094
D02	3618802630	TUB O	1	PP(7 KG)	NON-PUMP
	3618802630			PP(7 KG)	PUMP
D03	3619802900	SUSPENSION AS(A)	2	DWF-8094	SPRING:WHITE
	3619800410			DWF-7094	SPRING:WHITE
D04	3619802900	SUSPENSION AS(B)	2	DWF-8094	SPRING:YELLOW
	3619800510			DWF-7094	SPRING:YELLOW
D05	4500D08180	CLAMP	1	SWC BUBB DIA.=8	
D06	4500D08220	HOSE	1	ID=8.0, OD=12.0	L=620mm
D07	3613218500	HOSE DRAIN I AS	1	PE-LD, EVA(L=219.5)	NON-PUMP
	3613212100	HOSE DRAIN I		LDPE+EVA, L=184	PUMP
D08	3613208900	HOSE OVERFLOW	1	PE-LD L=280mm	NON-PUMP
D09	3615404020	VALVE DRAIN AS	1	5591D VE	NON-PUMP
D10	3610303000	BASE	1	SECEN	
D11	3612718200	INNER EARTH WIRE	1	GREEN VSF(30/0.18)L=350	PHILIPPINES
	3612713100		1	AWG18 16/0.26 GN/YW	STANDARD AREA
D12	3966130200	MOTOR SYNCHRONOUS	1	AC 100V/50,60Hz, ST=18	NON-PUMP
	450ED45100			AC 110-130V/60Hz, ST=18	NON-PUMP
	3966320300			AC 220V/60Hz, ST=18	NON-PUMP
	3966010200			AC 220-240V/50Hz, ST=18	NON-PUMP
	3966130220	MOTOR SYNCHRONOUS	1	AC 100V/50,60Hz, ST=23	PUMP
	450ED45120			AC 110-130V/60Hz, ST=23	PUMP
	3966320320			AC 220V/60Hz, ST=23	PUMP
	3966010220			AC 220-240V/50Hz, ST=23	PUMP
D13	4505E83100	SPECIAL BOLT BASE	15	6.5x23	
D14	4505E83121	SPECIAL SCREW	6	SCM24H(L=13.8)	

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NO	PARTS CODE	PARTS NAME	EA	DESCRIPTION	REMARK
D15	3616500500	BELT V	1	M20.5	50Hz
	4507D34020			M20	60Hz
D16	3617305900	GEAR MECHANISM	1	GM-8094-KSOXO	
D17	7640802011	BOLT HEX	4	6B-1 8x20 SW MFZN	
D18	3618301300	PLATE GEAR PROTECT	1	SBHG 1, 1.6T	
D19	3611502800	CUSHION DOWN	2	P.O.M H=18mm	
D20	3964220620	MOTOR CONDENSER	1	AC 110V/60Hz, F21-1C	#250CONN.
	3964720130			AC 127V/60Hz, F23-1C	#250CONN.
	3964320520			AC 220/60Hz, F1A-1C	#250CONN.
	3964310160			AC 220V/50Hz, F22-2C	#250CONN.
	3964310160			AC 240V/50Hz, F22-2C	#250CONN.
D21	3611502000	CUSHION UPPER	2	P.O.M	
D22	3618401400	PULLEY MOTOR AS	1	ADC-12, DS=10, DP=48.5	60Hz
	3618401420			ADC-12, DS=10, DP=53.0	50Hz
D23	7650804211	BOLT HEX	4	6B-1 8x42 S.P/W MFZN	
D24	3618101400	NOZZLE BODY	1	PP	
D25	3617801000	LINK BRAKE	1	P.O.M(F20)	PUMP

2. DWF-1094

NO	PARTS CODE	PARTS NAME	EA	DESCRIPTION	REMARK
A01	3612300110	GASKET VALVE	2	PVC-S	1EA;SINGLE VALVE
A02	3614217610	PANEL B	1	ABS, NO-METAL	
A03	3615405420	VALVE INLET COLD	1	AC 100/50,60Hz	
	3615405430			AC 110-130V/60Hz	
	3615405400			AC 220V/60Hz	
	3615405440			AC 220-240V/50Hz	
A04	3615405210	VALVE INLET HOT	1	AC 100V/50,60Hz	0EA;SINGLE VALVE
	3615405220			AC 110-130V/60Hz	0EA;SINGLE VALVE
	3615405200			AC 220V/60Hz	0EA;SINGLE VALVE
	3614505230			AC 220-240V/50Hz	0EA;SINGLE VALVE
A05	3612902400	HINGE DOOR	2	POLYACETAL	
A06	3618918600	BUBBLE PUMP ASS'Y	1	AC 100-130V/50,60Hz	HOSE : 830mm
	3618919200			AC 220-240V/50,60Hz	HOSE : 830mm
A07	3614800960	SWITCH PRESSURE	1	CDN-D7 Ø50.5	
A08	5EP1048010	TRANS POWER	1	T5-V1 (AC 110-130V)	
	5EP1048020			T5-V1F(AC 110-130V)	FUSE
	5EP1048030			T5-V2 (AC 220-240V)	
	5EP1048040			T5-V2F(AC 220-240V)	FUSE
A09	3619008920	SWITCH SAFETY	1	DC 15V 10mA SF-040T	
A10	3614514510	PLATE T	1	ABS, NO-METAL	
A11	3610907800	CAP SOFTENER	1	PP	
A12	3618101700	NOZZLE DETERGENT	1	PP	
A13	3611114700	CASE DETERGENT	1	PP	
A14	3615107400	SPRING	1	SUS 304 D=2.0	
A15	3611717510	DOOR B	1	ABS, NO-METAL	
A16	3611717410	DOOR F	1	ABS, NO-METAL	
A17	3612603210	HANDLE DOOR	1	ABS, NO-METAL	
A18	3611504100	CUSHION DOOR	2	CR	
A19	7112503011	SCREW TAPPING	2	T1 TRS 5x30 MFZN	
A20	3610907900	CAP	2	NBR	
A21	3614217510	PANEL F	1	ABS, NO-METAL	
A22	3618918400	UNIT FUSE FILTER	1	AC 250V/4A, FERRITE	
	3618914810			AC 250V/5A, FERRITE	TUV
	3618918410			AC 250V/8A, FERRITE	

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NO	PARTS CODE	PARTS NAME	EA	DESCRIPTION	REMARK
A23	PRPSSWZE00	P.C.B ASS'Y	1	DWF-1094G1	NON-PUMP
	PRPSSWZJ00			DWF-1094CTE/CNE/CME	SINGLE VALVE
	PRPSSWZH00			DWF-1094PT/PN/PM/PL	PUMP
A24	3612726710	HARNESS AS	1	250V/315mA	SINGLE VALVE,
	3612726730			250V/600mA	NON-PUMP
	3612726720			250V/315mA	PUMP
	3612726740			250V/600mA	
A25	3611302900	POWER CORD AS	1	3x0.75, 300x2, L=1800	CP-2PIN
	3611302800			A VCTFK 2x0.75 2.3M	FLAT 2PIN
	3611302600			F H05W 3x0.75 2.3M	ITALIAN 3PIN
	3611303300			GTSA-3 3x0.75 GY	ARGENTINE
A26	4500D08180	CLAMP	1	SWC BUBB DIA.=8	
A27	4500D08170	HOSE	1	ID=8, OD=12	L=290mm
B01	3611201000	CLAMP	1	HSW3, D2.6, MFZN, D36	NON-PUMP
	3611202200			HSW-3	PUMP
B02	3613213500	HOSE DRAIN O AS	1	EVA L=950mm	NON-PUMP
	3613217800	HOSE DRAIN O		PE-LD	PUMP
B03	3614514600	PLATE UPPER	1	PP	
B04	3611413600	COVER BACK	1	SPG 0.5T	
B05	7002501211	SCREW MACHINE	8	T2S TRS 5x12 MFZN	
B06	3615302200	SUPPORT TUB BL	1	SPG T1.4	
B07	3615302300	SUPPORT TUB BR	1	SPG T1.4	
B08	3615302400	SUPPORT TUB FL	1	SPG T1.4	
B09	3615302500	SUPPORT TUB FR	1	SPG T1.4	
B10	3618920400	ASSY CONDENSER	1	54.0μF+60μH, L=470	110V, #250CONN.
	3618920500			41.6μF+60μH, L=470	127V, #250CONN.
	3618919900			13.5μF+60μH, L=470	220V, #250CONN.
	3618920000			11.5μF+60μH, L=470	240V, #250CONN.
B11	3610808010	CABINET	1	PAINTING	
B12	3612603300	HANDLE CABINET	2	PP	
B13	3610310200	BASE U	1	PP	NON-PUMP
	3610310210			PP	PUMP
B14	4509D10020	FOOT	2	BUTYL RUBBER	
B15	3617702100	LEG ADJUST AS	2	DWF-1089W2	
B16	3611403710	COVER UNDER	1	PP	"UP"

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B17	3610068700	HARNESS OUTER	1	50/0.18 GREEN ST710489-2	
B18	3612502300	GUIDE DRAIN HOSE	1	PP(JI-360)	PUMP
B19	3618703760	TERMINAL PUMP	1	AC 250V/1A, #250CONN.	PUMP(AC220-240V)
	3618703770			AC 125V/3.15A, #250CONN.	PUMP(AC100-130V)
B20	3611405320	COVER PUMP	1	PP(B360F)	PUMP
	3611405301			UL/CSA(466FWU,HFH-400)	PUMP
B21	7112501611	SCREW TAPPING	3	T1 TRS 5x16 MFZN	PUMP
B22	3963220330	MOTOR SHADED POLE	1	AC 110V/60Hz	PUMP
	3963821530			AC 120V/60Hz	PUMP
	3963322730			AC 220V/60Hz	PUMP
	3963513430			AC 220-240V/50Hz	PUMP
B23	3611901530	FILTER AS	1	DWF-5590DPNF, E-TYPE	PUMP
B24	-	FRAME TOP	-	-	DWF-7094,8094
C01	3616104000	BLANCER AS	1	DWF-1094	
C02	3611900700	FILTER	2	NYLON	FILTER AS : 3611903100
C03	3611903000	FRAME FILTER	2	PP	
C04	3613008900	HOLDER	2	PP	
C05	3616003700	SPECIAL SCREW	24	SUS 5.5x16	
C06	3612504100	GUIDE FILTER AS	2	DWF-1094	
C07	3618806900	TUB	1	SUS430D	
C08	3618807000	TUB U	1	PP	
C09	3616006200	SPECIAL NUT	1	ZDC2	
C10	3616006500	SPECIAL WASHER	1	SUS304(WAVE)	
C11	3617200600	FLANGE TUB	1	ADC 12, VE TYPE	
C12	4505E83100	SPECIAL BOLT BASE	6	6.5x23	
C13	3610908300	CAP PULSATOR	1	PP	
C14	4505E3203A	SC. PULSATOR FIX AS	1	6x26.5 O-RING+SILOCK	
C15	3619703500	PULSATOR AS	1	PULSATOR+INSERT	
D01	3614601700	RING SHOWER AS	1	DWF-1094(RING T+RING U)	
D02	3618804300	TUB O	1	PP(VE TYPE)	NON-PUMP
	3618804310			PP(VE TYPE)	PUMP
D03	3619802600	SUSPENSION AS(B)	2	DWF-1094	SPRING:WHITE
D04	3619802500	SUSPENSION AS(F)	2	DWF-1094	SPRING:YELLOW
D05	4500D08180	CLAMP	1	SWC BUBB DIA.=8	
D06	4500D08170	HOSE	1	ID=8.0, OD=12.0	L=360mm

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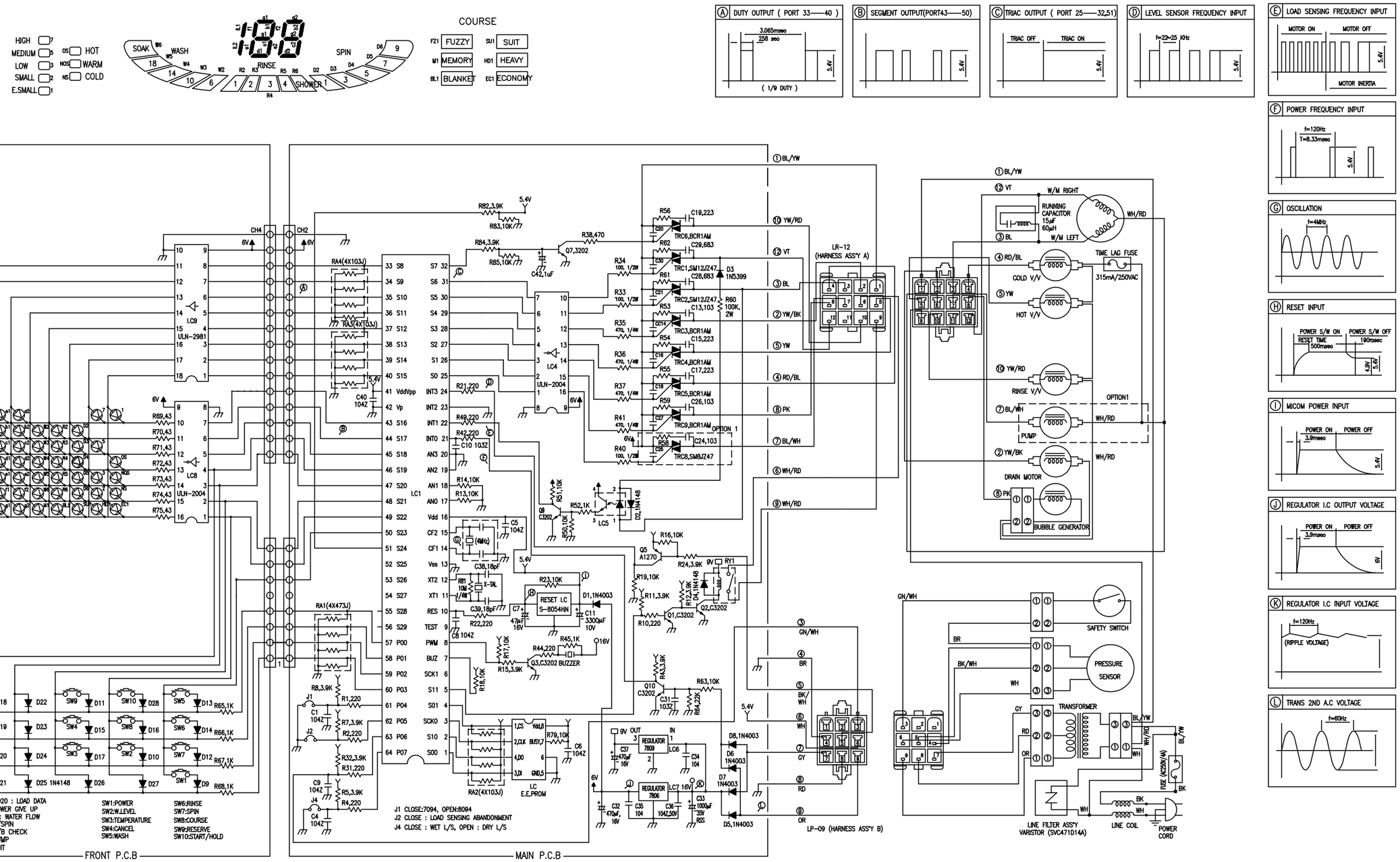
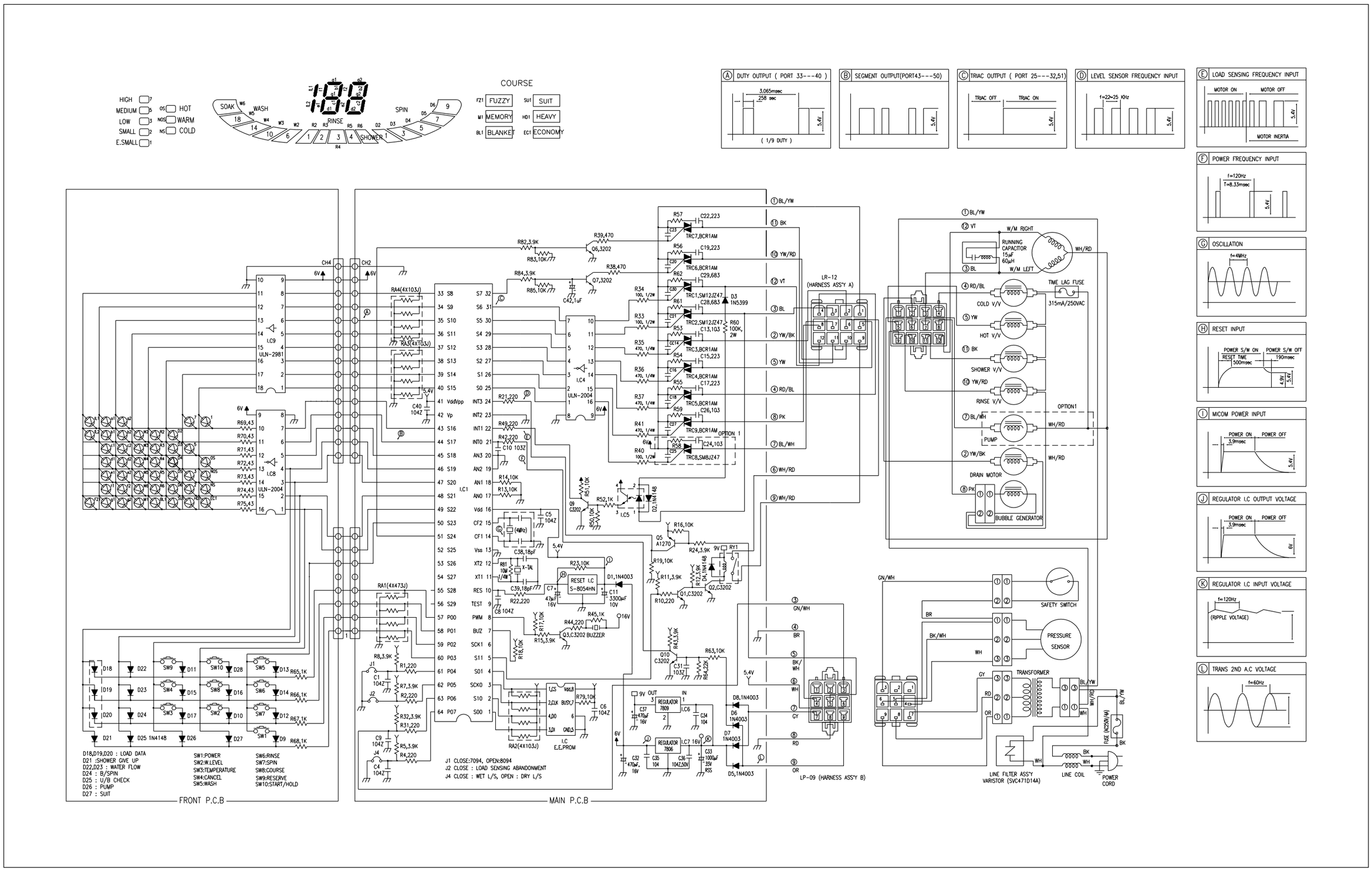
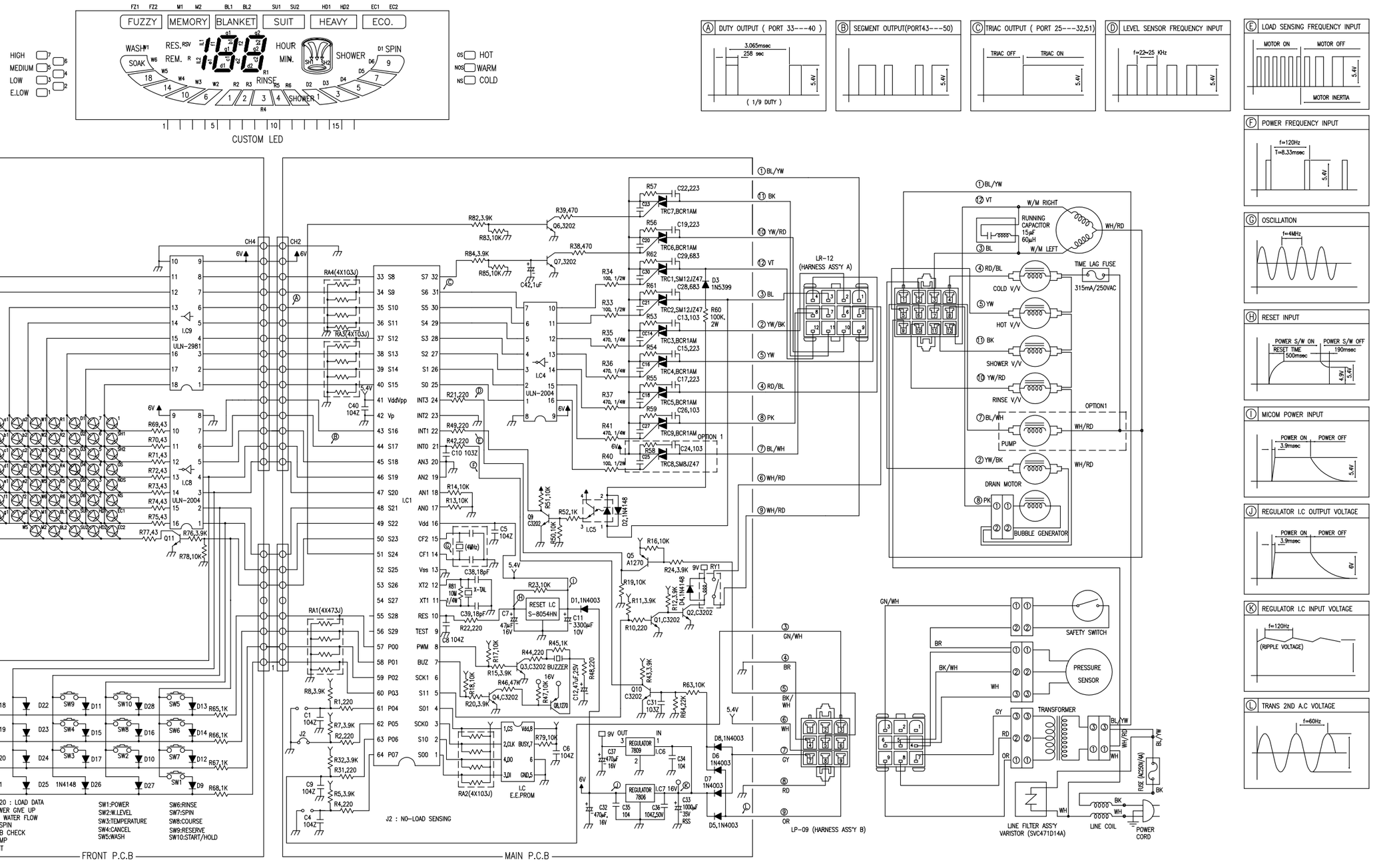
D07	3613218500	HOSE DRAIN I AS	1	PE-LD, EVA(L=219.5)	NON-PUMP
	3613212100	HOSE DRAIN I		LDPE+EVA, L=184	PUMP
D08	3613208900	HOSE OVERFLOW	1	PE-LD L=280mm	NON-PUMP
D09	3615404000	VALVE DRAIN AS	1	5591D VE	NON-PUMP
D10	3610304500	BASE	1	SECEN 2.0Tx438x320	
D11	3612718200	INNER EARTH WIRE	1	GREEN VSF(30/0.18)L=350	PHILIPPINES
	3612713100		1	AWG18 16/0.26 GN/YW	STANDARD AREA
D12	3966130200	MOTOR SYNCHRONOUS	1	AC 100V/50,60Hz, ST=18	#250CONN.
	450ED45100			AC 110-130V/60Hz, ST=18	#250CONN.
	3966320300			AC 220V/60Hz, ST=18	#250CONN.
	3966010200			AC 220-240V/50Hz, ST=18	#250CONN.
D13	3616007000	SPECIAL SCREW	20	SCM24H 6.5x24	
D14	3616006900	SPECIAL SCREW	4	SCM24H 6.5x18	
D15	3616500500	BELT V	1	M20.5	60Hz
	3616500100			M21	50Hz
D16	3617305800	GEAR MECHANISM	1	GM-1094 ; KEVLAR	
D17	7640802011	BOLT HEX	4	6B-1 8x20 SW MFZN	
D18	3618301300	PLATE GEAR PROTECT	1	SBHG 1, 1.6T	
D19	3611502800	CUSHION DOWN	2	P.O.M H=18mm	
D20	3964220420	MOTOR CONDENSER	1	AC 110V/60Hz, F34-1C	#250CONN.
	3964820520			AC 127V/60Hz, F36-1C	#250CONN.
	3610019720			AC 220/60Hz, F3A-1C	#250CONN.
	3964310530			AC 220V/50Hz, F32-2C	#250CONN.
	3964610320			AC 240V/50Hz, F33-2C	#250CONN.
D21	3611502000	CUSHION UPPER	2	P.O.M	
D22	3618401400	PULLEY MOTOR AS	1	ADC-12, DS=10, DP=48.5	60Hz
	3618401420			ADC-12, DS=10, DP=53.0	50Hz
D23	7650804211	BOLT HEX	4	6B-1 8x42 S.P/W MFZN	
D24	3618101400	NOZZLE BODY	1	PP	
D25	3617801000	LINK BRAKE	1	P.O.M(F20)	PUMP

DWF-7094 Circuit Diagram



DWF-8094 Circuit Diagram



DWF-1094 Circuit Diagram