

Service Manual

Auto Washer

Model: DWF-204AY

✓ Caution

: In this Manual, some parts can be changed for improving, their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List) in Service Information Center (<http://svc.dwe.co.kr>).

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1. SPECIFICATIONS

no.	item	DWF-204AY	
1	POWER SOURCE	AL AC VOLTAGE AND CYCLE	
2	POWER CONSUMPTION	550W	
3	MACHINE WEIGHT	45Kg	
4	DIMENSION (WXHXD)	630 X 1,055 X 670	
5	WASHING COURSE	FULL AUTOMATIC 8 COURSES (SMART CLEAN(FUZZY), JEANS, ECONOMIC, EXTRA DIRTY, HEAVY LOAD, TUB WASH(CLEANING), COLOR, WOOL)	
6	WATER CONSUMPTION	232 L	
7	WATER LEVEL SELECTOR	HIGH	88 L
		MEDIUM	73 L
		LOW	58 L
		E.LOW	45 L
8	OPERATING WATER PRESSURE	0.3kgf/cm ² ~8kgf/cm ² (2.94 N/cm ² ~78.4N/cm ²)	
9	REVOLUTION PER MINUTE	WASH 140~150 RPM, SPIN 675~710RPM	
10	PULSATOR	6 WINGS (ø 406mm)	TBM(ø 406mm)
11	WATER LEVEL CONTROL	ELECTRONICAL SENSOR	
12	GEAR MECHANISM ASS'Y	HELICAL GEAR	
13	MAGIC FILTER	O	
14	SOFTENER INLET	O	
15	FUNCTION FOR SOAK WASH	O	
16	ALARM SIGNAL	O	
17	RESIDUAL TIME DISPLAY	O	
18	AUTO. WATER SUPPLY	O	
19	FUNCTION FOR BUBBLE AND RADICAL	X	
20	AUTO RE-FEED WATER	O	
21	AUTO POWER OFF	O	



NOTES

In case of moving Washing Machine, please follow the following picture.

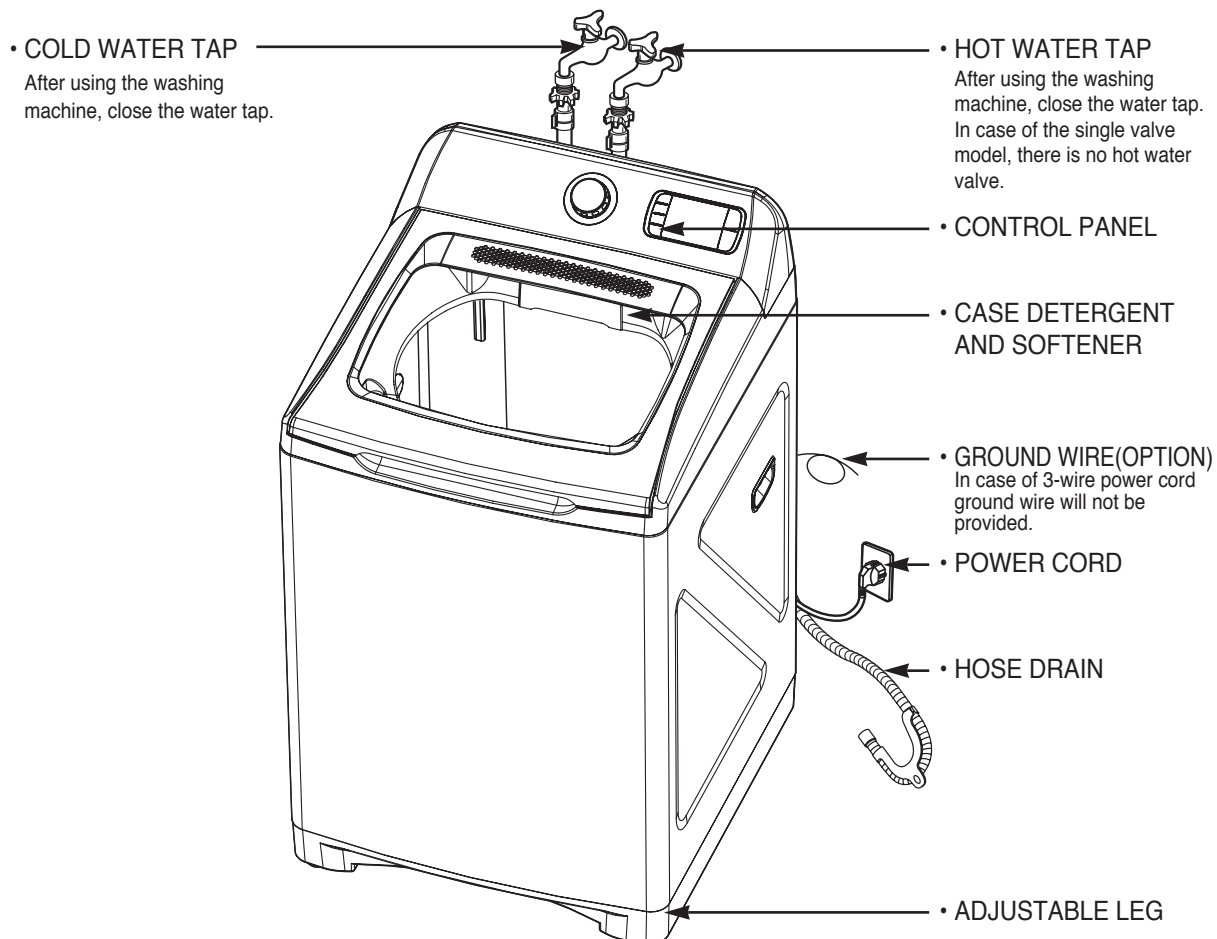


2. STRUCTURE OF THE WASHING MACHINE


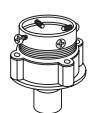
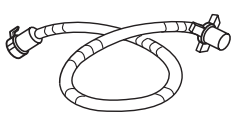
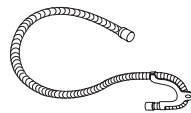


The parts and features of your washer are illustrated on this page.
Become familiar with all parts and features before using your washer.

NOTE

- The drawings 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.



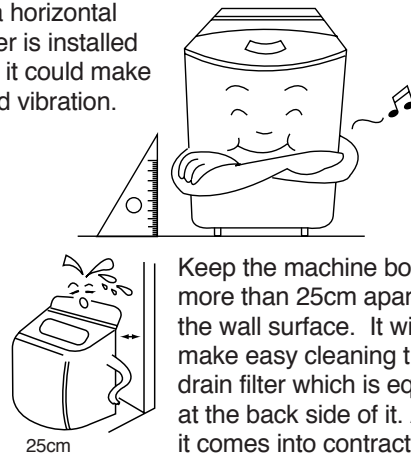
ACCESSORIES (FULL OPTION)

COVER UNDER (OPTION)	WATER TAP ADAPTER	INLET HOSE
		
HOSE DRAIN (FOR PUMP)	HOSE DRAIN CLAMP	HOSE DRAIN (FOR NON-PUMP)
		

3. 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.



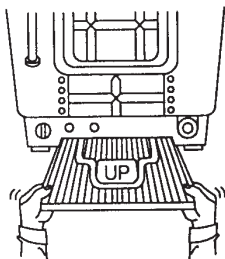
Keep the machine body more than 25cm apart from the wall surface. It will make easy cleaning the drain filter which is equipped at the back side of it. And if it comes into contact vibration may occur.

Never install in these places

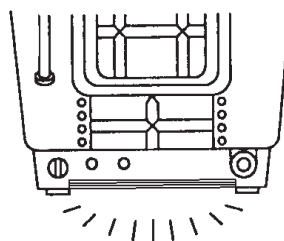
- The place where it would be exposed to direct sunlight.
- The place nearby a heater or heat appliance.
- The place where it would be supposed to be frozen in winter.
- The kitchen with coal gas and a damp place like a bathroom.

Installation Of the COVER UNDER (Noise Insulation Plate)

- 1** In the packing box or the tub of the washer, there is the COVER UNDER. Put the COVER UNDER at the bottom of the back.



- 2** Push the COVER UNDER to the end. This reduces the noise from washing machine.

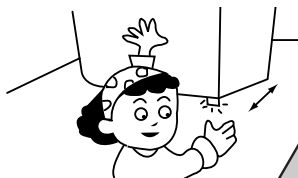


* The drawing of the COVER UNDER is variant from your model

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

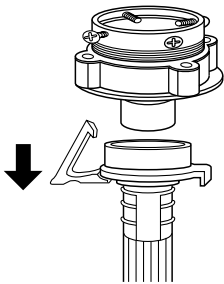
Be careful not to mistake in supplying between the hot(maximum : 50°C) and cold water.

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.

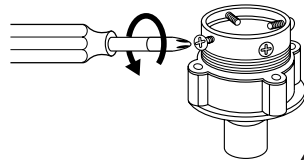
Do not over tighten : this could cause damage to couplings.

• • • • FOR ORDINARY TAP

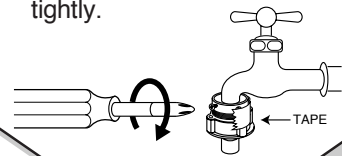
- 1** Pull down the collar of the inlet hose to separate it from the water tap adapter.



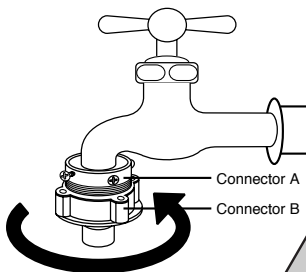
- 2** Loosen the four screws at the water tap adapter, but don't loosen the screws until they are separated from the water tap adapter.



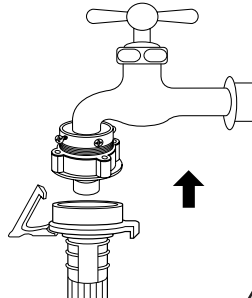
- 3** Connect the water tap adapter to the water tap and tighten the four screws evenly with pushing up the adapter so that the rubber packing can stick to the water tap tightly.



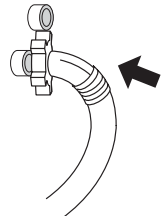
- 4** Remove the tape, and screw connector B into connector A tightly.



- 5** Connect the inlet hose to the water tap adapter by pulling down the collar of the hose end.



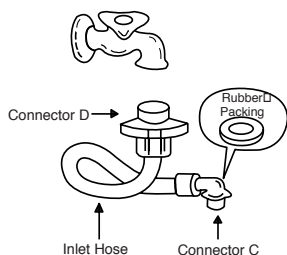
- 6** Connect the inlet hose adapter to the water inlet of the washer by turning it clockwise to be fixed tightly.



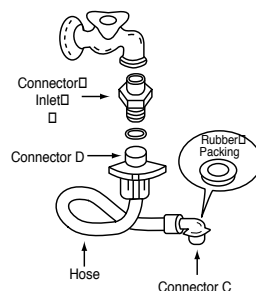
- Please check the rubber packing inside the inlet hose adapter.

• • • • 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.



- Check the packing in the inlet

■ HOW TO CLEAN THE FILTER

• • • • CLEANING THE LINT FILTER

- 1** While pressing the handle of filter, remove the filter from the guide.



- 2** Remove the dirt inside the filter and clean the filter.



- 3** Insert the filter into guide.

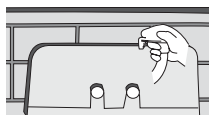


• • • • CLEANING THE WATER INLET FILTER

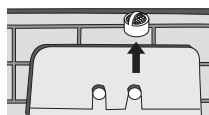
- Clean the filter when water leaks from, the water inlet.

- 1** Pull the power plug out before cleaning it.

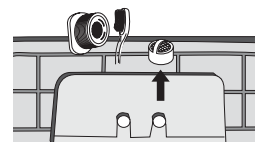
- 2** Turn off the water supply to the washer and sperate the inlet hose.



- 3** Pull the inlet filter out.



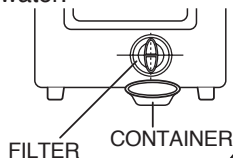
- 4** Remove the dirt from the inlet filter with a brush.



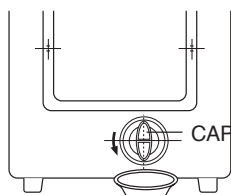
• • • • CLEANING THE DRAIN FILTER

- In case "U" shape drain hose, this filter's equipped at the back 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.

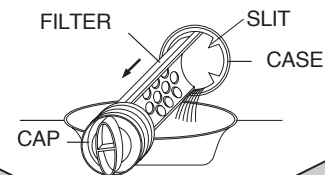
- 1** Put down the remained water in the hose. And put a container under the filter to collect water.



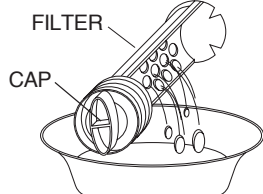
- 2** Turn the cap counter clockwise.



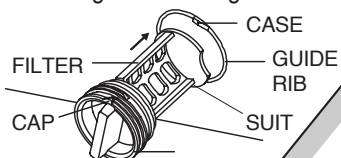
- 3** Pull out the filter assembly off the case of the main body.



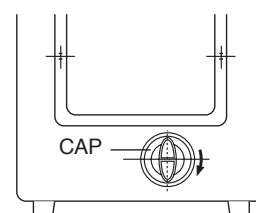
- 4** Clean the drain filter removing the foreign stuffs.



- 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.



4. FEATURE AND TECHNICAL EXPLANATION

Feature of the Washing Machine

- 1 First applying the Radical Technology in the world ... go beyond washing, sterilize your clothes and deodorize a bad smell.
- 2 The first air bubble washing system in the world.
- 3 Quiet washing through the innovational low-noise design.
- 4 Improving washing performance by more than 35%, while reducing power consumption by 40%.
- 5 The laundry detergent dissolves well in water because of the air bubble washing system.
- 6 The adoption of the water currents to adjust the unbalanced load.
- 7 One-touch operation system.

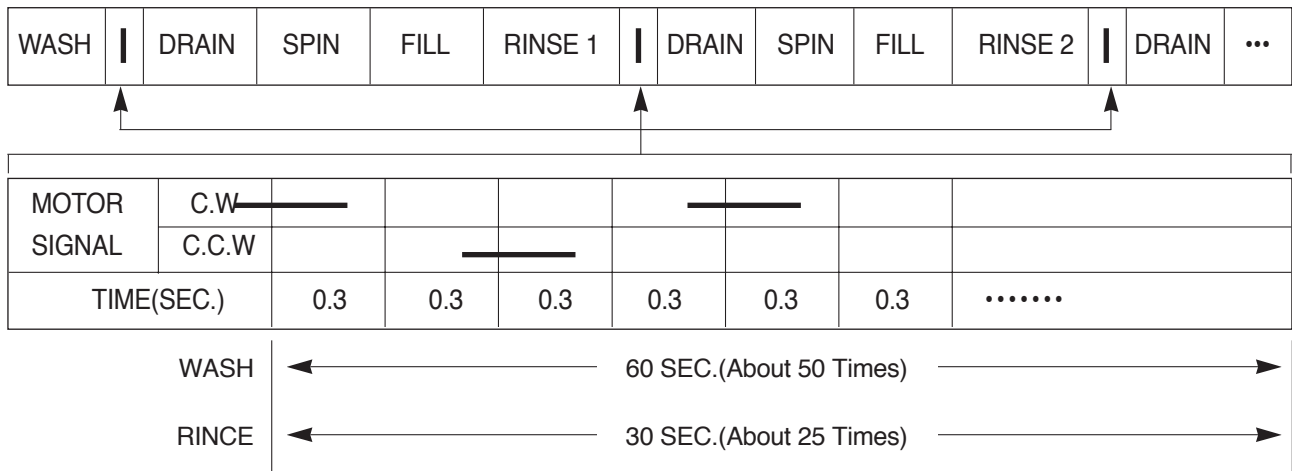
Water Current to Adjust the Unbalanced Load

It is a function to prevent eccentricity of the clothes after wash by rotating pulsator C.W and C.C.W for 60 seconds.(But, the SUIT course have no operation of the water currents to adjust the unbalanced load.)

EFFECT

It reduces vibration and noise effectively while spinning.

WATER FLOW

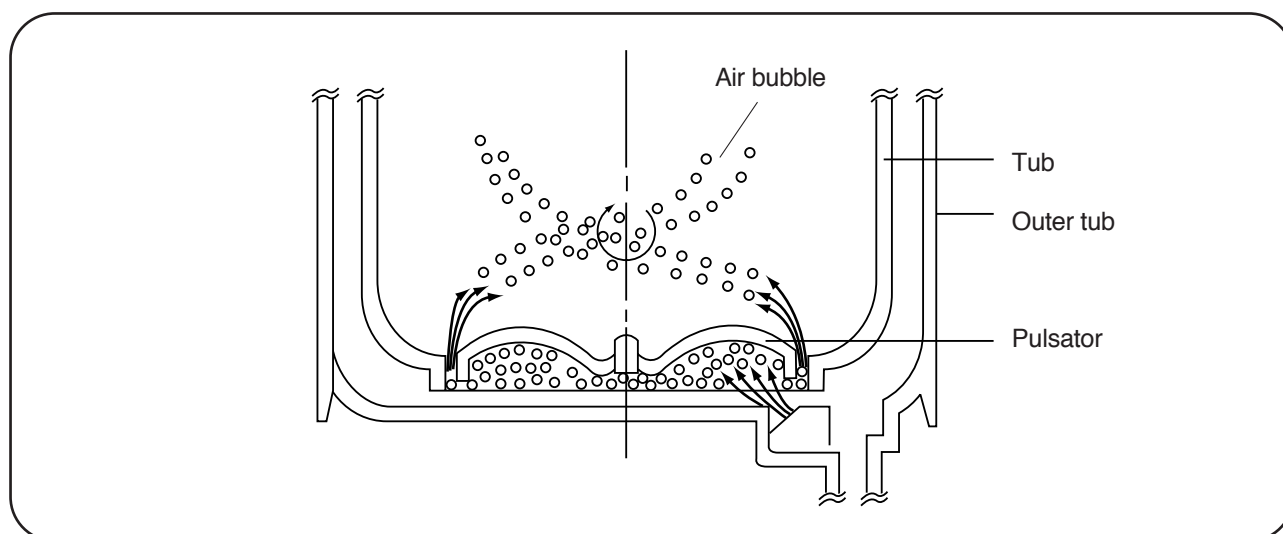


Automatic Water Supply System for Blanket Wash

The water level would be lowered because the blanket absorbs water at the beginning of washing. Therefore, after 2 minutes, the operation is interrupted to check the water level, and then the water is supplied again until the selected water level is reached.

Functional Principle of Bubble Washing Machine

ACROSS SECTION



FUNCTIONAL PRINCIPLE

Bubble Motor 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.

Automatic Draining 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	Draining time is prolonged.
	No draining	Program is stopped and gives the alarm.

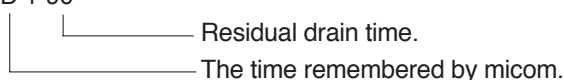
FUNCTIONAL PRINCIPLE

1 The micom can remember the time from the beginning 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

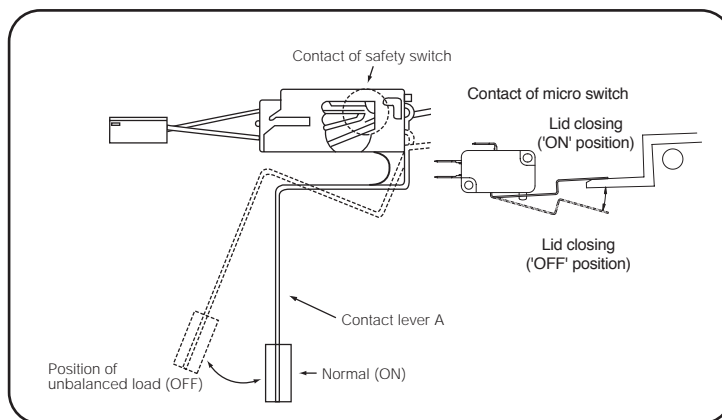


Automatic Unbalance Adjustment

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

FUNCTIONAL PRINCIPLE

1. When the lid is closed, the micro 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 is stopped and rinse process is started automatically.
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.

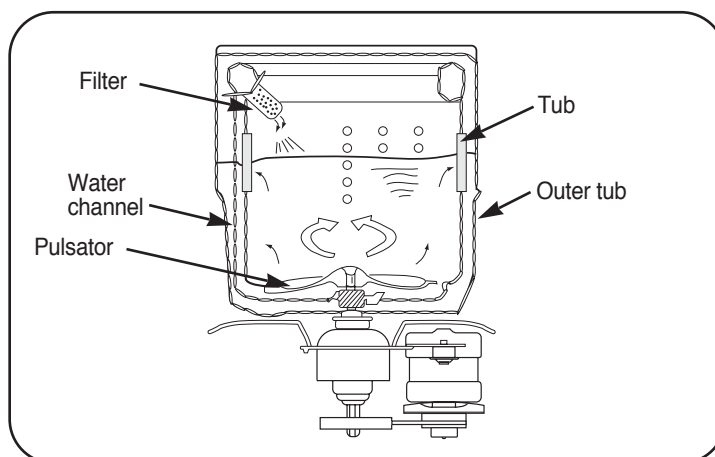
Circulating-Water Course and Lint Filter

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 fans 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.



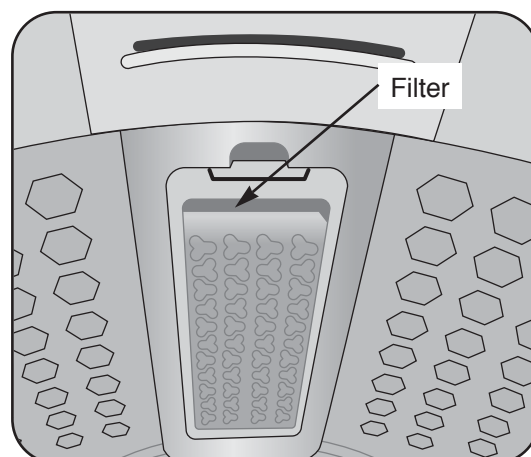
Lint Filter

Much lint may be obtained according to the kind of clothes to be washed and some of the lint may also stick 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.



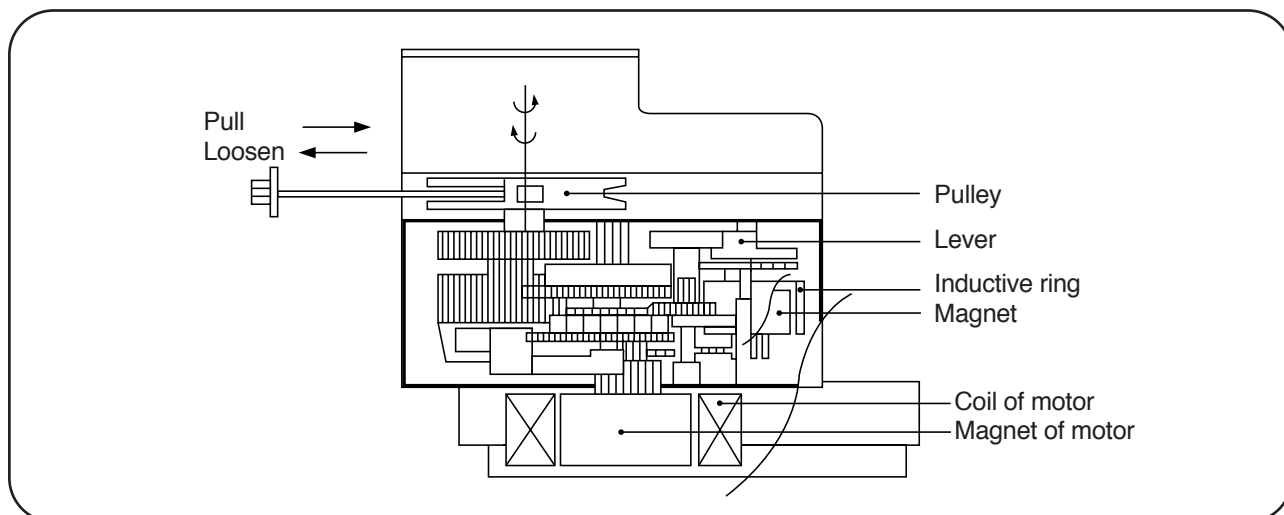
Residual Time Display

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 .

Drain Motor

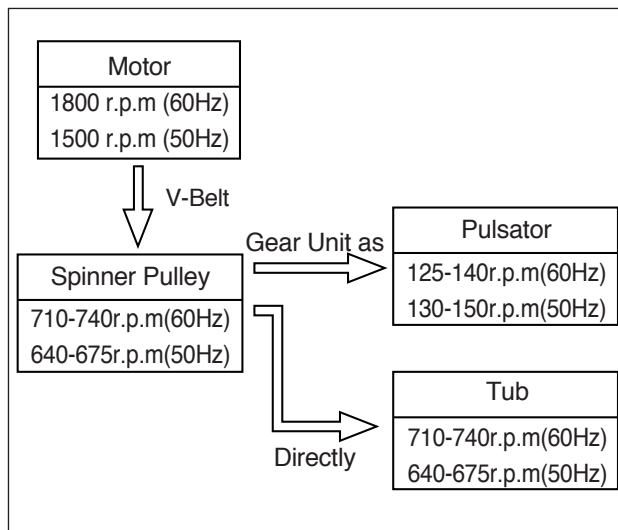
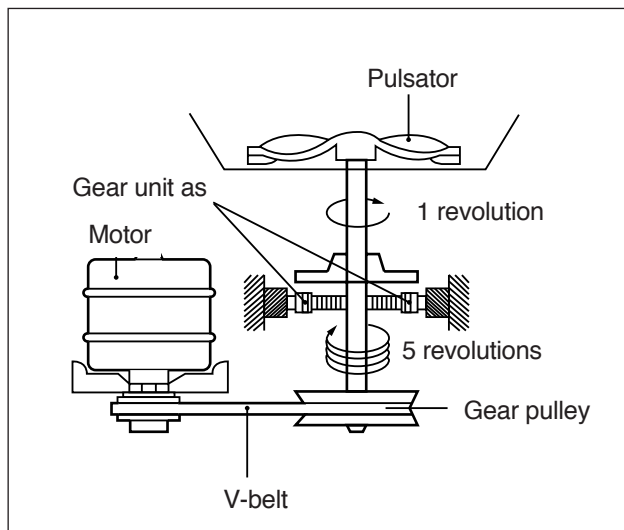
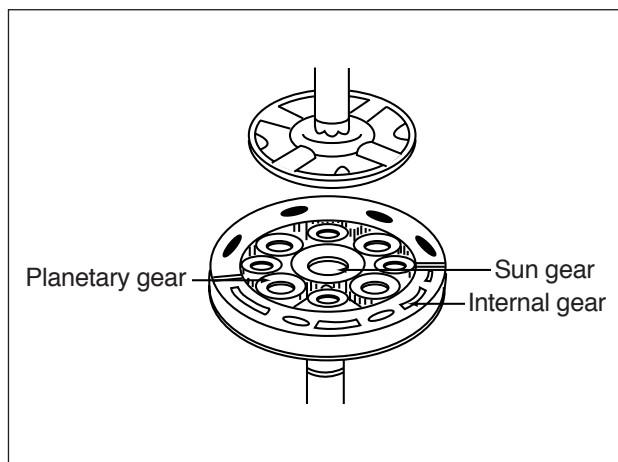
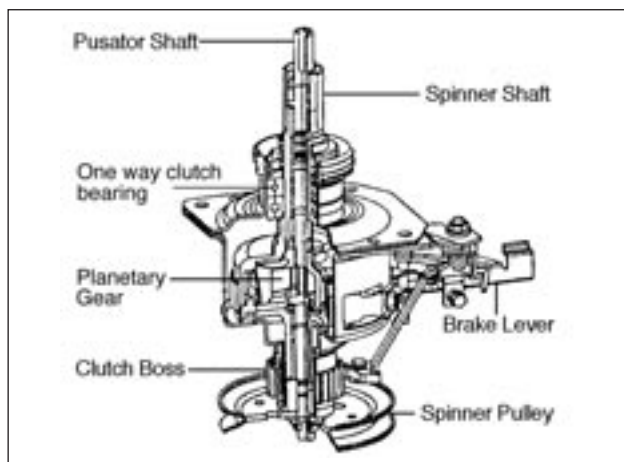
STRUCTURE



- 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.



5. 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

GEAR MECHANISM ASS'Y REPLACEMENT

- ① Raise the top plate on the outer cabinet.
- ② Loosen four screws mounting outer tub cover and remove outer tub cover from the tub ass'y.



- ③ Remove the cap pulsator from the pulsator assy by using screw driver



- ④ Loosen the pulsator mounting screw and remove the pulsator.



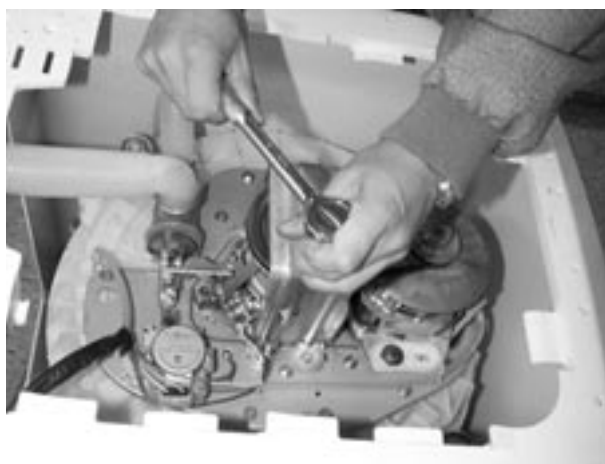
- ⑤ Remove the special nut by using "T" type box wrench.
- ⑥ Remove the special washer.



⑦ Remove the tub i assy.



- ⑧ Lay the front of the washer on the floor.
- ⑨ Remove four special bolts of gear protect by using a box wrench and remove gear protect.
- ⑩ Remove the V-belt.



⑪ Remove four special bolt of gear mechanism assy by using a box wrench.



⑫ Pull out the gear mechanism assy.

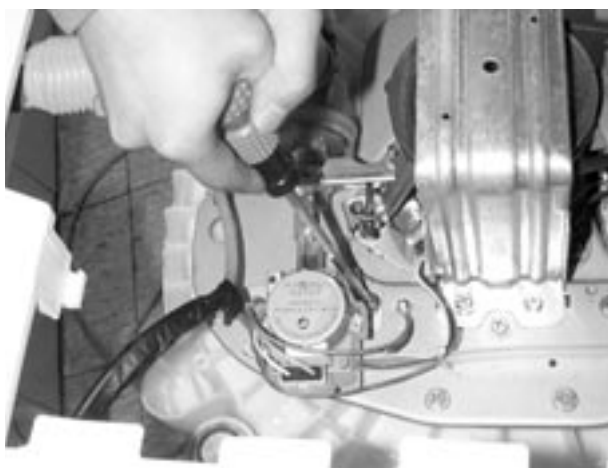


NOTES

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

Motor Synchronous and Valve Replacement (Non Pump Model)

- ① Lay the front of the washer on the floor.
- ② Loosen two special screw of motor synchronous.



- ③ Take out the wire of motor synchronous from the bracket.
- ④ Separate the motor synchronous from the base.

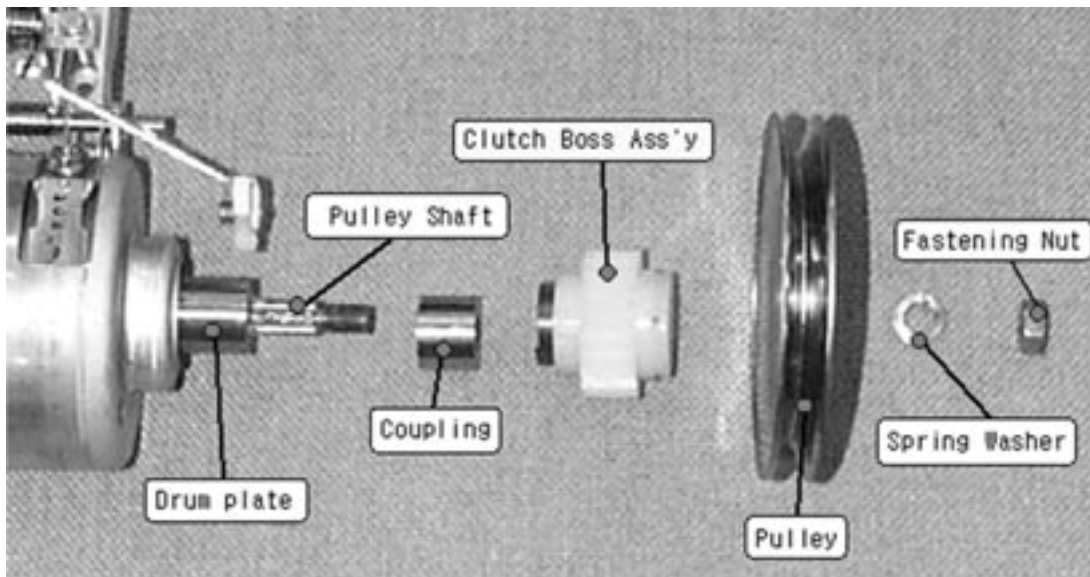
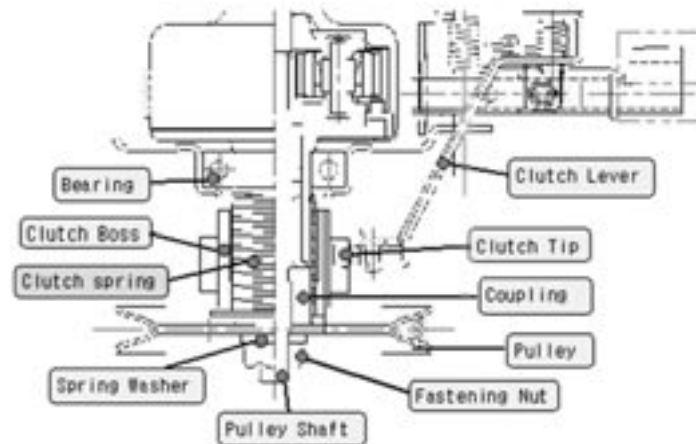


- ⑤ Turn the valve by using screw driver as shown in picture.
- ⑥ Remove the valve lid from the valve drain assy.




6. THE REPAIR METHOD OF GEAR MECHANISM FOR CLUTCH SPRING PROBLEM

The structure of gear mechanism



● TOOL FOR REPLACING THE CLUTCH BOSS ASSEMBLY ●

Tool name	Specification	Q'ty
Fixing jig		1
Ratchet handle		1
Socket and extension bar	socket : 10mm, 17mm	per each
Cotton yarn		some

How to check the clutch spring

CHECKING METHOD

IN THIS CASE, YOU MUST EMPTY THE SPIN TUB FIRST.

1) TO CHECK THE REVOLUTION OF SPIN TUB.

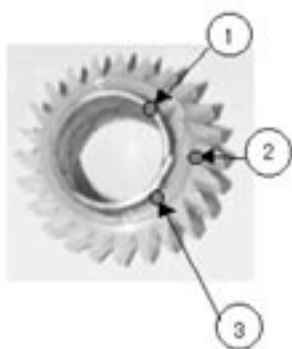
IF THE SPIN TUB DOES NOT REVOLVE AND ONLY THE PULSATOR IS TURNING, THAT IS CLUTCH SPRING DEFECT.

2) TO CHECK THE SPIN SPEED(RPM) BETWEEN SPIN TUB AND PULSATOR.

IF YOU FIND THE DIFFERENT SPIN SPEED BETWEEN SPIN TUB AND PULSATOR, THIS IS ALSO CLUTCH SPRING DEFECT.

IN THIS CASE, WE ARE GOING TO SUPPLY THE CLUTCH BOSS ASSEMBLY INSTEAD OF GEAR MECHANISM ASSEMBLY. PLEASE REFER TO FOLLOWING FIG.

THE CLUTCH BOSS ASSEMBLY


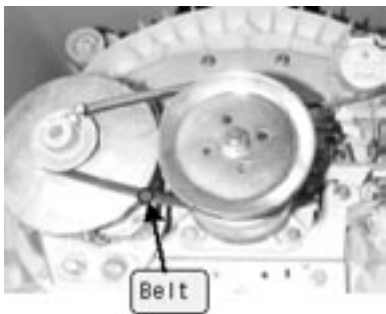




NO.	PARTS NAME	SPECIFICATION	CODE	Q'TY
1	CLUTCH SPRING	1.5*1.5	3615110000	1
2	CLUTCH BOSS	PP	3619301300	1
3	GREASE	beacon#325 3g		
PACKING METHOD	PACKING THE CLUTCH BOSS ASS'Y BY USING VINYL PACK			1

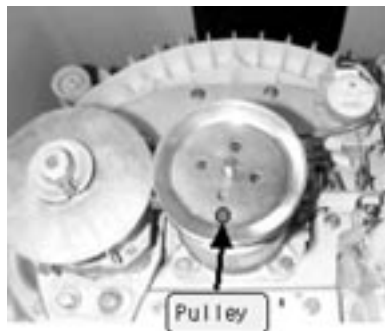

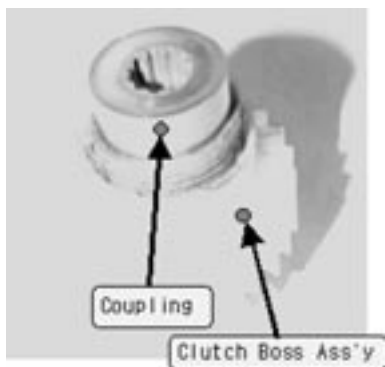

CLUTCH BOSS ASS'Y PART CORD : 3619301400

The Process Of Disassembling

Disassembling 1

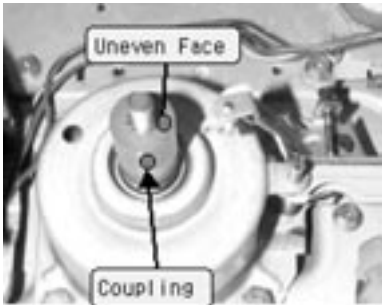
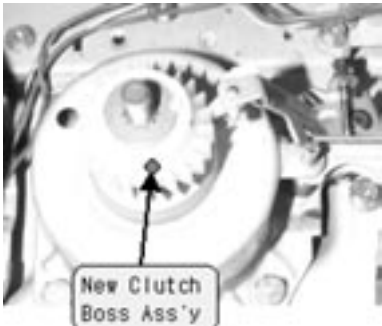

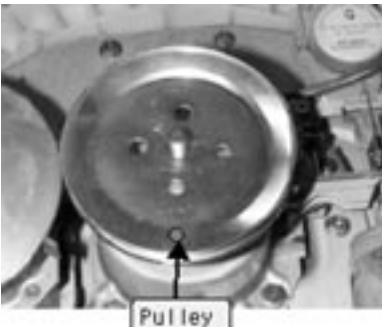

No.	Process	Notice
1	 <p>Release screws marked 4-point</p>	<p>Remove the protector</p> <p>Use wrench or driver - ratchet handle - extension bar - socket : 10mm</p>
2	 <p>Belt</p>	<p>Remove the v-belt</p>
3	 <p>Fastening Nut</p>	<p>Loosen the fastening nut</p> <p>Use fixing jig for pulley as to see fig 1. and 17mm-socket for nut</p>
4	 <p>Spring Washer</p>	<p>Disassemble the spring washer</p> <p>Take out plain washer if it has</p>

Disassembling 2



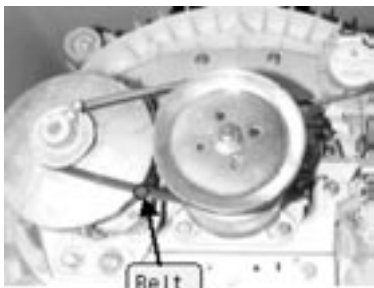
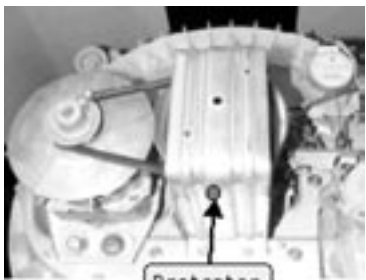
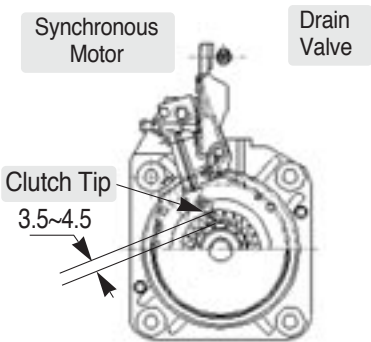
No.	Process	Notice	
5		Disassemble the pulley	
6		Disassemble the clutch boss assembly	Catch the boss and pull upward with spiral rotate in the clockwise direction
7		Separate coupling from clutch boss ass'y	
8		Cleaning	<p>Clean the drum plate, coupling surface and contact face between drum plate and coupling</p> <p>It is necessary to keep cotton piece goods being dry and clean</p>

The Process Of Assembling







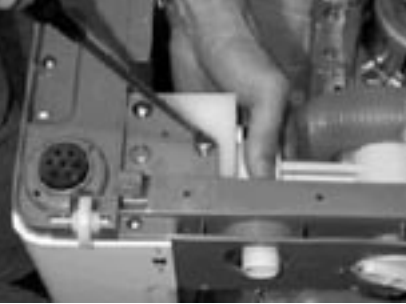



Assembling 1

No.	Process	Notice
1	 <p>Assemble the coupling</p>	Check the uneven face of coupling is assembled upward
2	 <p>Assemble the new clutch boss ass'y</p>	<ul style="list-style-type: none"> - Push in the clutch boss ass'y with rotating on the clockwise direction. - After assembling, rotate on the clockwise more 2~3 teeth and pull out the pulley shaft upward 
3	 <p>Assemble the pulley</p>	
4	 <p>Assemble the spring washer</p>	If there was plain washer, you have to assemble plain washer the first and then assemble spring washer

Assembling 2

No.	Process	Notice
5	 <p>Fastening Nut</p> <p>Assemble the fastening nut</p>	<p>- Use fixing jig and 17mm socket wrench as if disassembling, as fastening torque about 100~200kgf-cm.</p> <p>- Check the end-play, up and downward and check the binding force, too much or not on bi-direct of rotation.</p> 
6	 <p>Belt</p> <p>Assemble the belt</p>	
7	 <p>Protector</p> <p>Assemble the protector</p>	
8	 <p>Synchronous Motor</p> <p>Drain Valve</p> <p>Clutch Tip 3.5~4.5</p> <p>Final checking</p>	<p>Finally, check the interference depth both clutch tip and clutch boss(3.5~4.5mm)</p>

REPLACE THE CASE FILTER ASS'Y

① separate the back cover from washing machine	② remove two screws	③ remove three screws
		
④ turn the case filter ass'y and separate it from the drain motor	⑤ separate the drain hose i from the case filter ass'y	⑥ separate the cavitation hose from the case filter ass'y
		
⑦ assemble the case filter ass'y that purchased	⑧ tie up three screws	⑨ tie up two screws
		
⑩ assemble the hose drain I to the case filter with bond & clamp	⑪ assemble the cavitation hose to the case filter with bond & clamp	⑫ assemble the back cover to the washing machine
		

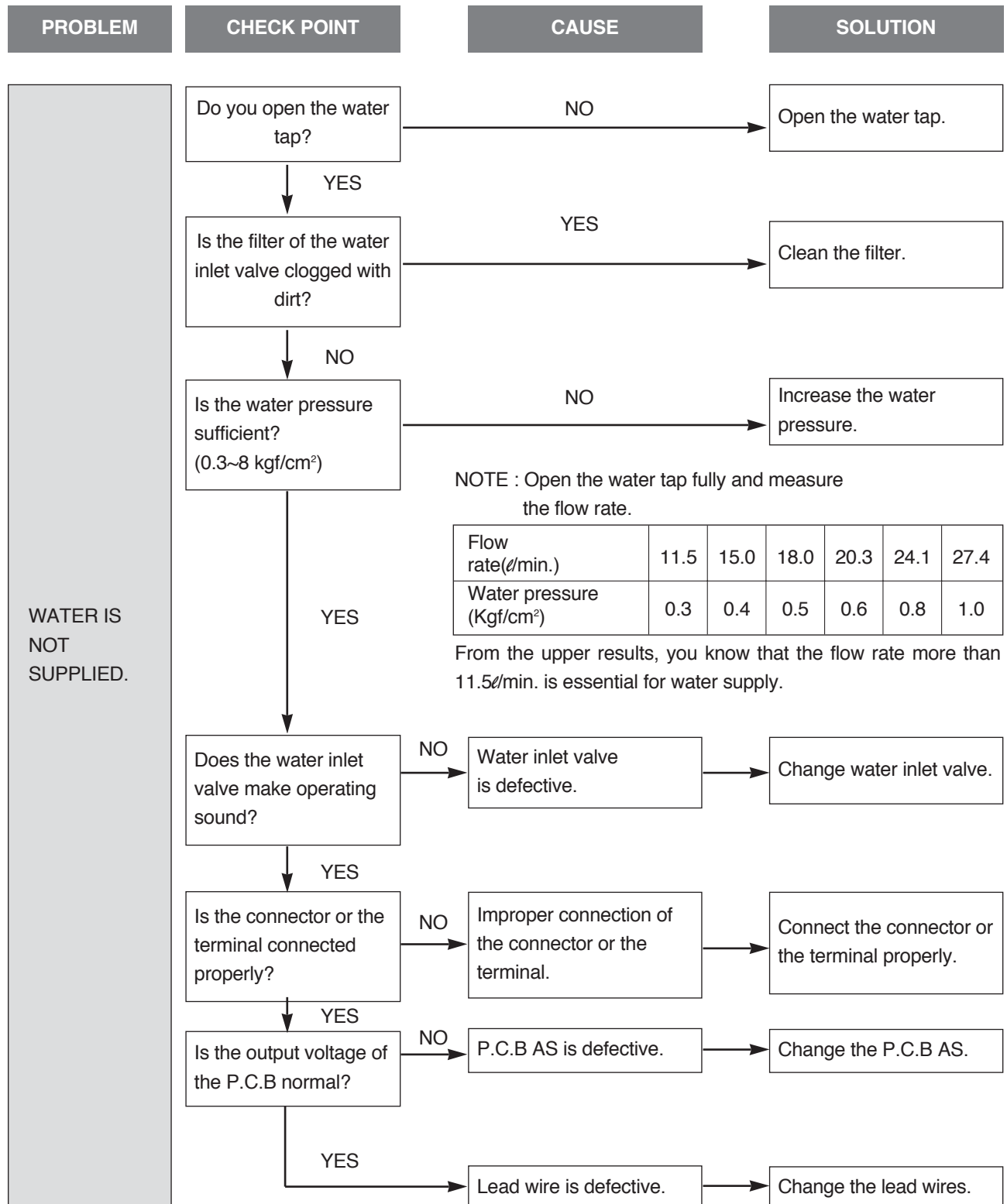
7. TROUBLE SHOOTING GUIDE



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 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.
	NO ↓		
	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.
	NO ↓		
	Operate the washer after setting the water level to "HIGH"		
	Does the water supply continue after the water reaches to the "HIGH" level?	NO → Normal operation.	
	YES ↓		
	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 SUPPLIED.	Does the motor operate after finishing water supply?		
	NO ↓		
	YES ↓		
	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 ↓		
	NO ↓		
	Is the motor coil disconnected?	YES → Motor is defective.	Change the motor.
	NO →		
	Is the connection condition of capacitor terminal good?	NO → Improper connection	Connect the terminal properly.
	YES ↓		
	Is the V-belt worn out?	YES → 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 accumulated foreign substance inside the drain housing?	YES Malfunction of drainage by the foreign substance	Remove the foreign substance from the drain housing
	Is the output voltage of the drain motor normal?	YES The drain motor is defective.	Change the drain motor.
		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.
	NO		
	Does the micro switch operate normally?	NO	Door switch is defective. Change the door switch.
	YES		
	Does the safety switch operate normally?	NO	Safety switch is defective. Change the safety switch.
	YES		
	Is the connector of P.C.B ASS'Y connected properly?	NO	Improper connection of the connector. Connect the connector 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		
	YES		
	Is the input voltage of the drain motor normal?	YES	Drain motor is defective. Change the drain motor.
	NO	P.C.B ASS'Y is defective.	Change the P.C.B ASS'Y.
	Is the V-belt worn out?	YES	V-belt is defective. Change the V-belt.
	NO		
	Is the input voltage of motor normal?	YES	Motor is defective. Change the motor.
	NO		
	Is the connection condition of capacitor terminal good?	NO	Improper connection. Connect the terminal correctly.
	YES	P.C.B ASS'Y is defective.	Change the P.C.B ASS'Y.

Concerning Operating

PROBLEM	CHECK POINT	CAUSE	SOLUTION
THE INDICATOR LAMPS(L.E.D) DO NOT LIGHT UP WHEN THE POWER BUTTON IS PRESSED.	Is the plug connected to electric outlet?	NO	Connect the plug.
	↓ YES	YES	Change Fuse
	↓ NO	NO	Power button is defective
	↓ YES	NO	Improper connection of the connector.
	↓ YES	NO	Transformer is defective
	↓ YES	YES	P.C.B. ASS'Y is defective.
PROGRESS LAMPS(LED) DO NOT LIGHT UP.	Do you press START/HOLD button?	NO	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.	Check the output voltage of P.C.B ASS'Y	Abnormal	P.C.B ASS'Y is defective
			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.
	↓ NO	YES	V-belt is defective.
	Is the V-belt worn out?		Change the V-belt.

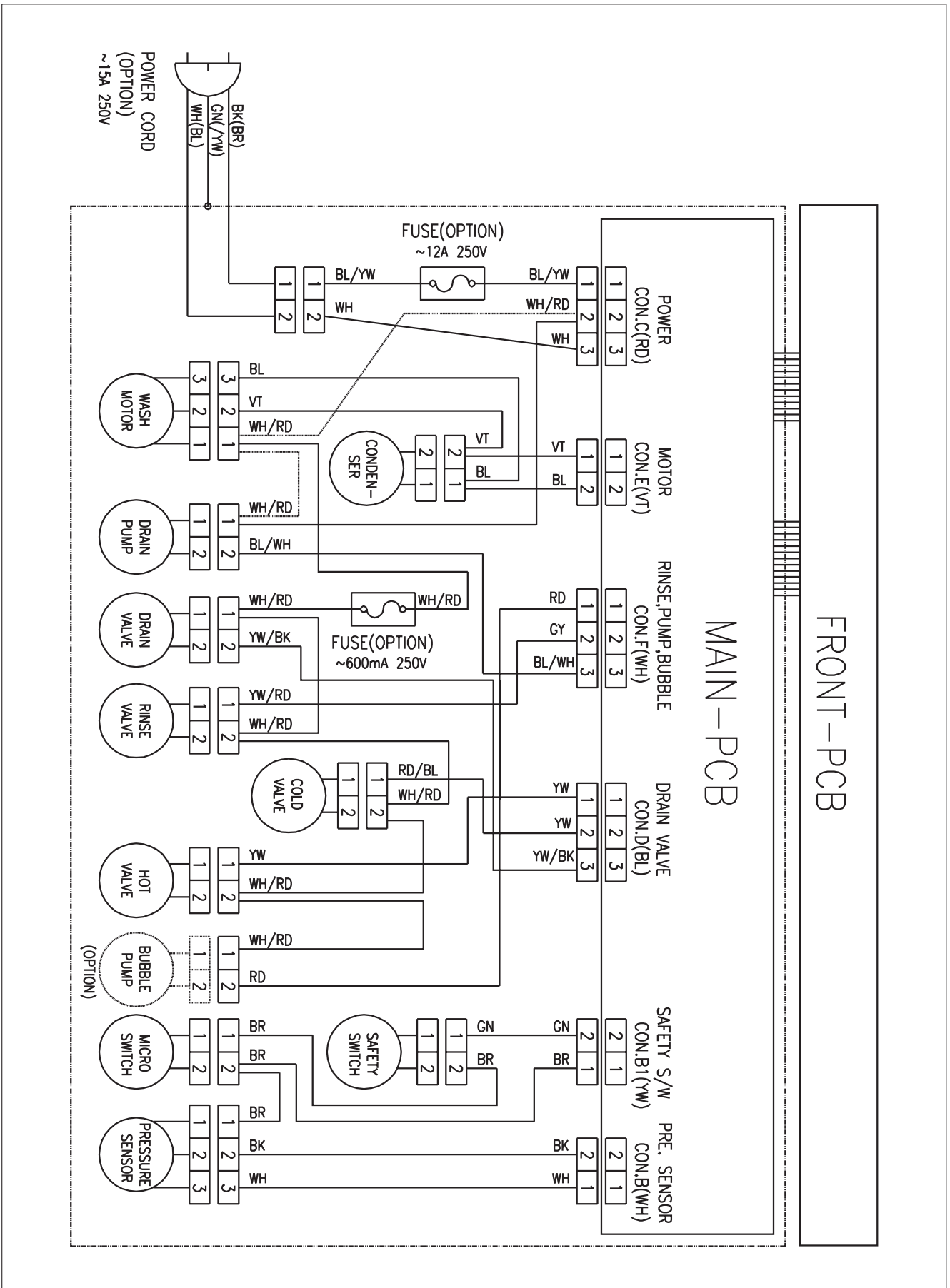
8. PRESENTATION OF THE P.C.B ASS'Y

Concerning Error Message

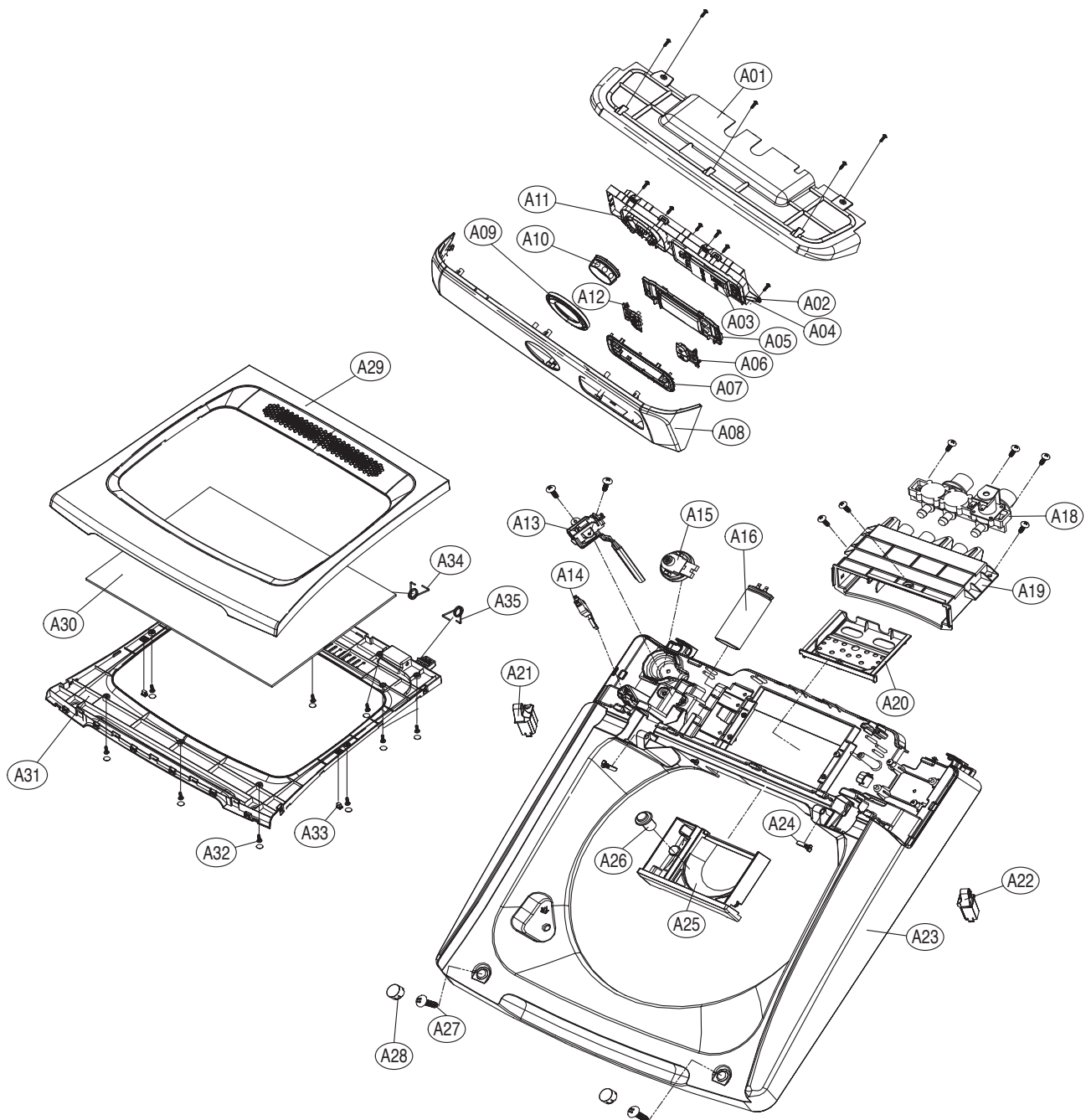
MESSAGE	CAUSE	SOLUTION
	Improper installation of drain hose.	Install drain hose properly.
	The drain hose is blocked up by foreign matter.	Remove foreign matter from drain hose.
	Drain motor is inferior.	Change drain motor.
	The water tap is closed.	Open the water tap.
	The water inlet filter clogged.	Clean the water inlet filter.
	It passes over the 60 minutes, yet it doesn't come to assigned water level.	Fully open the water tap and Check the water pressure.
	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 or micro switch is inferior.	Change the safety switch or micro switch.
	The load sensing is inferior. After the load sensing operates about 7 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.

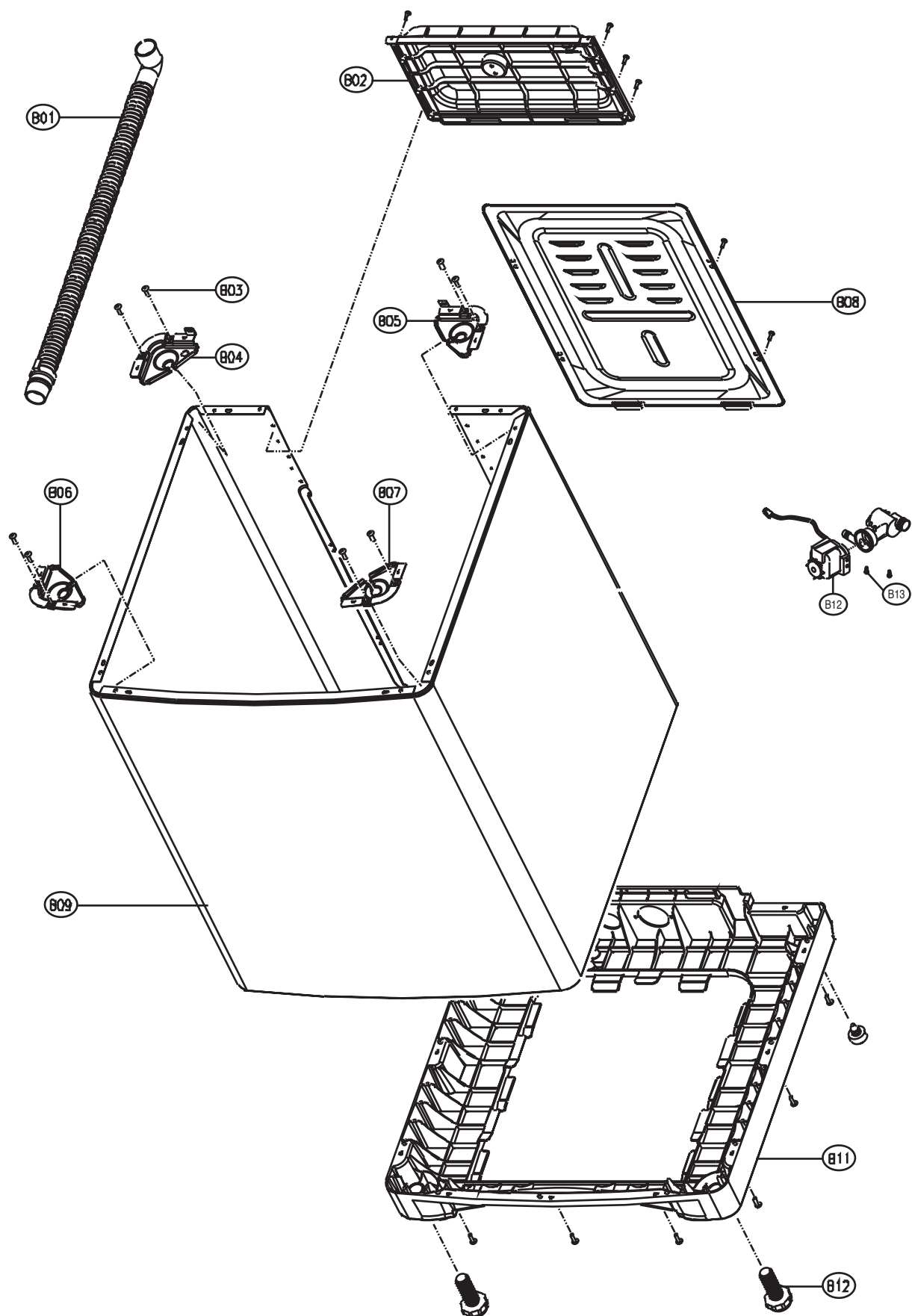
APPENDIX

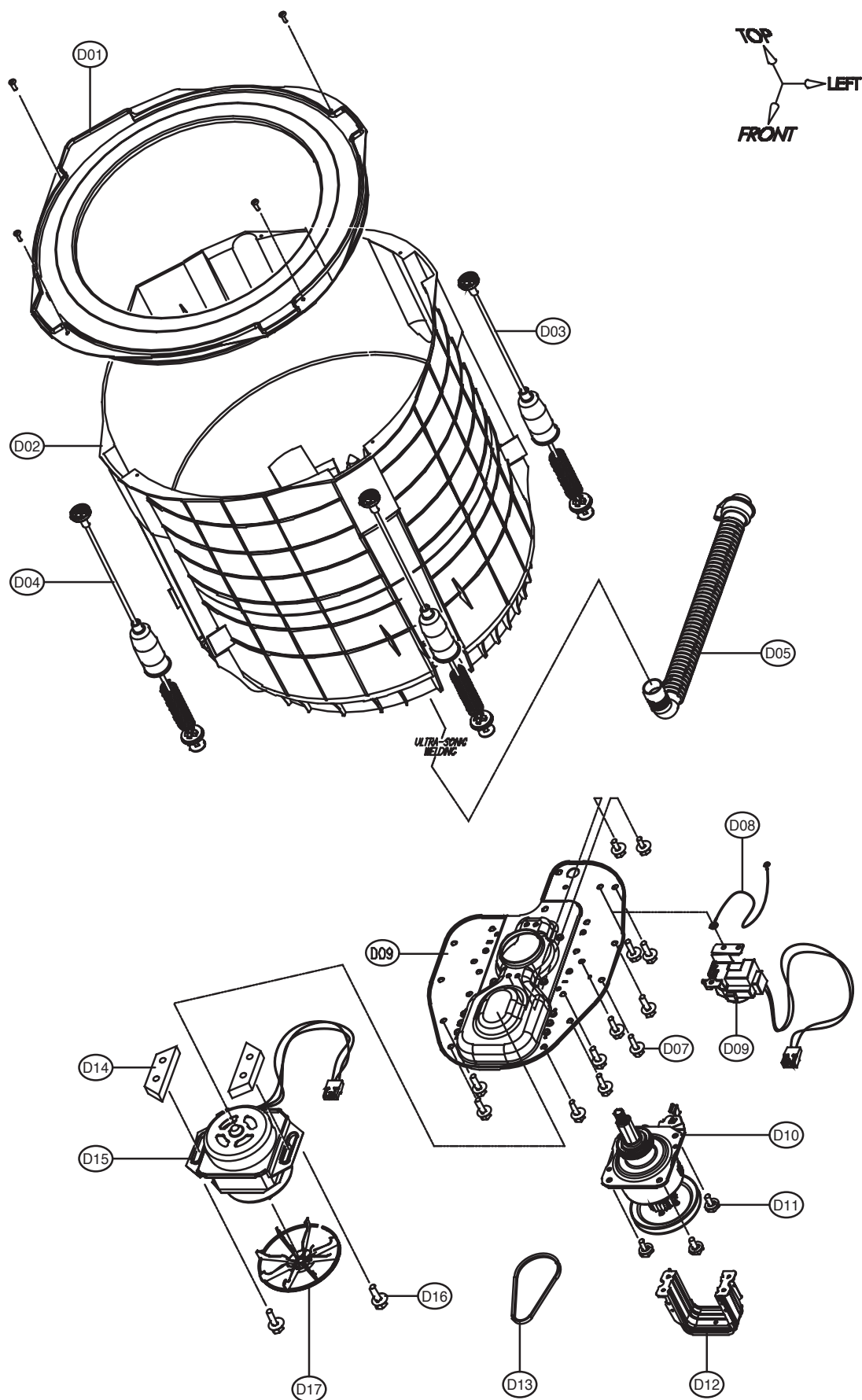
■ Wiring Diagram



Parts Diagram







Parts List

No.	Item Code	Item	Materials and Sizes	Q'TY	Remarks
A01	36142T3400	PANEL *B	ABS, DWF-260AX	1	A5, A9, M9
	36142T3410		DWF-260AX SPRAY		M6, M7
A02	PRPSSW4N90	PCB AS	DWF-204AY, NORMAL PUL, S, HOT, PP, NON-BB	1	
A03	3613068200	HOLDER FUNCTION	HIPS, DWF-204AY	1	
A04	36116DAY00	DECORATOR FILM	PC FILM, DWF-204AY	1	
A05	3615516200	WINDOW DISPLAY	TR-ABS, DWF-204AY	1	
A06	3616646680	BUTTON PW/ST	ABS, DWF-204AY	1	A5, A9, M9
	3616646750		DWF-204AY SPRAY		M6, M7
A07	3615516600	DECO WINDOW AS	DWF-204AY, SPRAY	1	A5
	3615516500		DWF-204AY, COATING		A9, M6, M7, M9
A08	36142T3560	PANEL *F	ABS, DWF-204AY	1	A5, A9, M9
	36142T3570		UV_BASE, DWF-204AY SPRAY		M6, M7
A09	3615516000	WINDOW COURSE	TR-ABS, DWF-204AY	1	
A10	3613408700	KNOB COURSE AS	DWF-260AX, KNOB COURSE AS	1	A5, A9, M9
	3613408720		DWF-151AX		M6, M7
A11	3613068100	HOLDER COURSE	HIPS, DWF-204AY	1	
A12	3616646670	BUTTON FUNCTION	ABS, DWF-204AY	1	A5, A9, M9
	3616646720		DWF-204AY SPRAY		M6, M7
A13	36190470B0	SWITCH SAFETY	SF-030A31,	1	
A14	3619045400	SWITCH COVER	GSM-V16183A4 250V 16A	1	
A15	3614801650	SENSOR PRESSURE	CDL-D17N,3PIN,L=620,15DO	1	
A16	3618912200	UNIT CAPACITOR AS	45.6UF 200VAC, CAN TYPE	1	
A17	3611338300	CORD POWER AS	750M,201AS,EP3PIN	1	
A18	3615416311	VALVE INLET	DR-12AS:C-R-H.110-130V50/60HZ NON-O.P RUBBER	1	
A19	3610394400	BODY DETERGENT	ABS. DWF-260AX	1	
A20	3618111900	NOZZLE DETERGENT	PP. DWF-260AX	1	
A21	3612905300	HINGE BOSS *L	ABS, DWF-26'S(HINGE DOOR)	1	
A22	3612905400	HINGE BOSS *R	ABS, DWF-26'S(HINGE DOOR)	1	
A23	3614542400	PLATE *T	ABS,DWF-260AX	1	
	3614542410		ABS, UV_BASE, 260A	1	
A24	3612902400	HINGE DOOR	POLYACETAL	2	
A25	36111T2L00	CASE DETERGENT	ABS, DWF-260AX	1	A5, A9, M9
	36111T2L10	CASE DETERGENT	ABS, UV_BASE DWF-260AX	1	M6, M7
A26	3610907800	CAP SOFTENER	PP	1	
A27	7112503011	SCREW TAPPING	T1S,TRS,5*30 MFZN	2	
A28	3611561400	CUSHION DOOR	NBR, DWF-200A	2	
A29	36117ADE50	DOOR *O	ABS, DWF-204AY	1	A5, A9, M9
	36117ADE70		UV_BASE,DWF-204AY SPRAY		M6, M7
A30	361A114400	DOOR GLASS	DWF-150AX 4T*479*323	1	
A31	36117ADE60	DOOR *I	HIPS, DWF-204AY	1	
A32	7115401630	SCREW TAPPING	T1 FLT 4X16 SUS WHITE PAINTING	12	
A33	3611559900	CUSHION DOOR	NR	2	
A34	3615118300	SPRING DOOR *L	DWF-260AX	1	
A35	3615118400	SPRING DOOR *R	DWF-260AX	1	
A36	361279D430	HARNESS AS	DWF-204AY LOW PUMP C-H-R,NB	1	

No.	Item Code	Item	Materials and Sizes	Q'TY	Remarks
B01	DMW3200100	HOSE DRAIN O AS	ELBOW	1	
B02	3614514600	PLATE UPPER	PP	1	
B03	7122501211	SCREW TAPPING	T2S TRS 5X12 MFZN	8	
B04	3615302220	SUPPORTER TUB BL	SPG 1.4T	1	
B05	3615302320	SUPPORTER TUB BR	SPG 1.4T	1	
B06	3615302420	SUPPORTER TUB FL	SPG 1.4T	1	
B07	3615302520	SUPPORTER TUB FR	SPG 1.4T	1	
B08	3611413605	COVER BACK	0.35T	1	
B09	3610808535	CABINET AS	PCM 0.6*803.4*2146.6	1	A5
	2SP06DNS30	PCM SHEET	WHITE ASTY 0.6TX803.4X2146.6		A9, M9
	2SP06DNS20	PCM SHEET	RED ASTY 0.6TX803.4X2146.6		M6
	2SP06DNS10	PCM SHEET	METAL ASTY 0.6TX803.4X2146.6		M7
B10	3610310200	BASE U	PP (111W)	1	
B11	3617702122	LEG ADJUST AS	VE	1	
B12	361897360F	UNIT DRAIN PUMP AS	LOW/60HZ,40W,L=1250,KET 1806 BK,BB CUT	1	
B13	7122501211	SCREW TAPPING	T2S TRS 5X12 MFZN	1	

No.	Item Code	Item	Materials and Sizes	Q'TY	Remarks
C01	3616104000	BALANCER AS	DWF-1094	1	
C02	3612504500	GUIDE FILTER AS	10KG MAGIC 1 PIECE	2	
C03	3611911500	MAGIC FILTER AS	10KG 1 PIECE	2	
C04	3616051629	SPECIAL SCREW	SUS430 T2 TRS 5.5*16	12	
C05	3618831410	TUB *I	SUS 0.4X398.5X1636	1	
C06	3616051629	SPECIAL SCREW	SUS430 T2 TRS 5.5*16	12	
C07	7122400829	SCREW TAPPING	T2S TRS 4X8 STS430	4	
C08	7122400829	SCREW TAPPING	T2S TRS 4X8 STS430	4	
C09	3618807003	TUB *U	94'S,-M/B,+RIB	1	
C10	3616063700	SPECIAL NUT	ZDC1 EU SAMWOO	1	
C11	3617200600	FLANGE TUB	ALDC12 VE1,6POINT	1	
C12	3616007001	SPECIAL SCREW	SCM24H,6.5*24 101S	6	
C13	3610911200	CAP PULSATOR	PP,100M	1	
	3610920500		PP, DWF-178W TBM		
C14	3616062629	SPECIAL SCREW	STS430 6X26.5	1	
C15	3619705510	PULSATOR AS	100M	1	
	3619705520		200S TBM		

No.	Item Code	Item	Materials and Sizes	Q'TY	Remarks
D01	4509M83035	COVER TUB	PP,100M	1	
D02	4509M83012	TUB O	1098	1	
D03	3619805400	SUSPENSION AS(B)	100C'S ROD=592 SPR=102	2	
D04	3619805500	SUSPENSION AS(F)	100C'S ROD=592 SPR=112	2	
D05	3613212120	HOSE DRAIN I	EVA 100%(TRANSPARENT), L=184	1	
D06	3610387400	BASE	SECEN 2.0T	1	
D07	3616007000	SPECIAL SCREW	SCM24H,6.5*24	12	
D08	3612757030	HARNESS EARTH INNER	L ID=4.3,R ID=8.3,L=810	1	
D09	36189L1R5L	DRAIN MOTOR	110-130V (MODEL :111W) CHINA	1	
D10	3617310301	GEAR MECHANISM(SP)	GM-1300-WS6P0	1	
D11	7341801511	BOLT HEX	6B-1 8*15 MFZN	4	
D12	3618346000	PROTECTOR GEAR	SGCC 1.2T	1	
D13	3616590220	BELT V	M20.5, AGING	1	
D14	3611502700	CUSHION DOWN	POM(8MM)	2	
D15	3964322047	MOTOR CONDENSER	Y-W2D50CA014 110-127V 60HZ 690L #250(35955-0320)	1	
	3964821120		WM244XA011 120V L=1450(#1806 MG620427)		
D16	7650802528	BOLT HEX	6B-1 8*25 PW(3*28) MFZN	2	
D17	3618401400	PULLEY MOTOR AS	M-TYPE(AL), DS=10 DP=48.5 60HZ	1	



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ABOUT THIS MANUAL

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서울 종로구 통의동
6번지 이룸빌딩 4층

답	당	김만기 님
MODEL		DWF-204AY (S/M)
접	수	2013.01.25
MEMO 총 37p 13.01.25-표지, 표지뒤, 2p, 3p, 5p, 6p, 29p, 33p_신규 8p 13.01.29-표지, 표지뒤, 2p, 29p, 33p 수정_신규 5p 13.01.30-1p, 14p, 15p, 16p, 29p 수정_신규 5p 13.02.07-2p, 6p, 9p, 10p, 29p, 31p, 32p 수정_신규 7p 13.02.13-31p 수정_신규 1p 13.02.15-6p, 28p, 31p 수정_신규 3p 13.02.20-29p, 30p, 31p, 32p, 33p, 34p, 35p 수정_신규 7p 13.02.21-2p 수정_신규 1p 13.02.22-2p, 32p 수정_신규 2p		

연락처

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