SAMSUNG

LAUNDRY COMBO

Model Name : WD8000DK

Model Code :

WD53DBA900HZA1	WD26DB8995BZAX
WD26DB8995BZAP	WD26DB8995BZCO
WD20DB8995BZAZ	WD26DB8995BZPE
WD18DB8995BZSA	WD18DB8995BZSC
WD25DB8995BZZS	WD22DB8995BZBG
WD18DB8995BZT1	WD18DB8995BZT2
WD18DB8995BZLD	WD25DB8995BZYL
WD26DB8995BZGU	WD25DB8995BZSP
WD25DB8995BZFQ	WD25DB8995BZST
WD25DB8995BZSV	

SERVICE Manual

LAUNDRY COMBO



[WD53DBA900HZA1]

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1. SAFETY INSTRUCTIONS

1-1. SAFETY INSTRUCTIONS FOR SERVICE ENGINEERS

► Be sure to observe the following instructions to operate the product correctly and safely to prevent possible accidents and hazards while servicing.

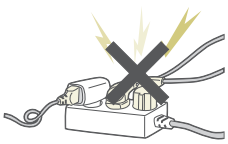
► Two types of safety symbols, Warning and Caution, are used in the safety instructions.

⚠ WARNING	**Hazards or unsafe practices that may result in severe personal injury or death.**
⚠ CAUTION	**Hazards or unsafe practices that may result in minor personal injury or property damage.**

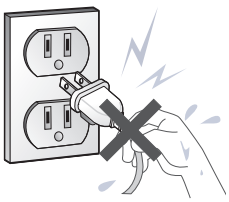
⚠ WARNING BEFORE SERVICING

- (When servicing electrical parts or harnesses) Make sure to disconnect the power plug before servicing.
  √ Failing to do so may result in a risk of electric shock.

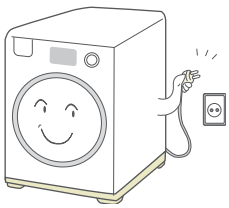
- Do not allow consumers to connect several appliances to a single power outlet at the same time.
  √ There is a risk of fire due to overheating.



- When removing the power cord, make sure to hold the power plug when pulling the plug from the outlet.
  √ Failing to do so may damage the plug and result in fire or electric shock.



- When the washing machine is not being used, make sure to disconnect the power plug from the power outlet.
  √ Failing to do so may result in electric shock or fire due to lightning.



- Do not place or use gasoline, thinners, alcohol, or other flammable or explosive substances near the washing machine.
  √ There is a risk of explosion and fire caused from electric sparks.

⚠ CAUTION BEFORE SERVICING

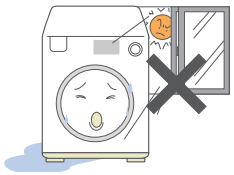
- Do not sprinkle water onto the washing machine directly when cleaning it.
  √ This may result in electric shock or fire, and may shorten the product lifetime.



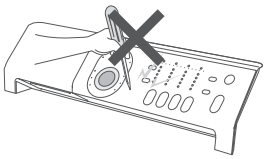
- Do not place any containers with water on the washing machine.
  √ If the water is spilled, it may result in electric shock or fire. This will also shorten the product lifetime.



- Do not install the washing machine in a location exposed to snow or rain.
  √ This may result in electric shock or fire, and shorten the product lifetime.



- Do not press a control button using a sharp tool or object.
  √ This may result in electric shock or damage to the product.



⚠ CAUTION WHILE SERVICING

- When wiring a harness, make sure to seal it completely so no liquid can enter.
  √ Make sure that make sure that connections are secure and will not break when force is applied.

- Check if there is any residue that shows that liquid entered into electric parts or harnesses.
  √ If any liquid has entered into a part, replace it or completely remove any remaining moisture from it.

- If you need to place the washing machine on its back or on its side, place a blanket on the floor and lay it down carefully on the blanket.
  √ Do not lay it down on its front. This may result in cosmetic damages and may also damage parts inside the tub.

⚠ WARNING WHILE SERVICING

- Check if the power plug and outlet are damaged. If the plug is damaged, replace it. If the outlet is damaged , have the customer call a licensed electrician to repair it.
  √ Failing to do so may result in electric shock or fire.

- Completely remove any dust or foreign material from the housing, wiring and connection parts.
  √ This will prevent a risk of fire and electrical hazard.

- When connecting wires, make sure to connect them using the relevant connectors and check that they are connected properly.
  √ Use of tape instead of connectors may cause fire.

- Make sure to discharge the PBA power terminals before starting the service.
  √ Failing to do so may result in a high voltage electric shock.

- When replacing the heater, make sure to fasten the nut after ensuring that it is inserted into the bracket-heater.
  √ If not inserted into the bracket-heater, it touches the drum it may causes noise and electric leakage.

⚠ WARNING AFTER SERVICING

- Check the wiring.
  √ Make sure that wires and wire harness do not make contact with moving parts or sharp edges.

- Check for any water leakage.
  √ Run a test cycle and confirm that there is no water leaking from underneath and/or from hoses.

- Do not allow consumers to repair or service any part of the washing machine themselves.
  √ This may result in personal injury and shorten the product life.

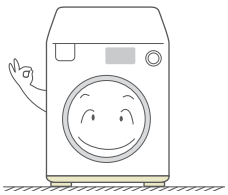


⚠ CAUTION AFTER SERVICING

- Check the assembled status of the parts.
  √ Now is a good time to inspect your work. Review all connections and wiring, including mounting of hardware.

- Check the insulation resistance.
  √ Disconnect the power cord from the power outlet and measure the insulation resistance between the power plug and the grounding wire of the washing machine. The value must be greater than 10MΩ.

- Make sure that the washing machine is leveled. Press down on each corner of the washer and make sure that there is no movement. If movement is present adjust the leg height.
  By doing this now will reduce for the need of customer dissatisfaction and redo call.
  √ Vibrations can shorten the lifetime of the product.



2. FEATURES AND SPECIFICATIONS

2-1. FEATURES

Features	Description
All-in-one Washer & Dryer	Enjoy exceptional convenience and efficiency. The Samsung Laundry Combo seamlessly integrates a washer and dryer in one appliance, so it saves space and means you don't need to transfer washed laundry when it needs drying. The Super Speed cycle gets clothes clean and ready to wear in just 98 minutes. It can wash a full load in 28 minutes* and dry them in 70 minutes**. And AI Opti Wash & Dry™ technology continually monitors and intelligently adjusts its performance to suit your laundry.
Super Speed	Get your clothes thoroughly clean and dry in just 98 minutes. The Super Speed cycle can wash a full load in 28 minutes*. A powerful water spray helps detergent penetrate fabrics faster and speeds up rinsing, while a larger drum with a Swirl+ pattern cleans and extracts water effectively. It can also quickly dry a load** in 70mins. Using a Heat Pump, it reduces your dryer's energy use by up to 50%*** while providing gentle drying with low temperature.
AI Opti Wash & Dry™	Wash and dry clothes thoroughly and efficiently*. AI Opti Wash & Dry™ uses different sensors to intelligently adjust the washing and drying performance for each load. It senses the weight of the laundry and then dispenses the appropriate amount of water and detergent. It also detects the fabric** and monitors the level of soiling during a cycle. If necessary, it adds more detergent and varies the washing time. It then adjusts the drying process to suit the weight and fabric type of your laundry.
Flex Auto Dispense System	Get great washing results with less effort*. A Flex Auto Dispense System automatically dispenses the right amount of detergent and softener for each load. It means you don't need to worry about using too much or too little detergent and softener. It gives you the flexibility to use various types of detergent and fabric softener. And it holds enough for up to 25 loads of washing, but if you are only using detergent without softener, it can hold enough detergent for up to 47 loads**.
5.3 cu. ft. Ultra Capacity	Wash or dry many laundry items at once – saving time and effort. The combo washer and dryer has an ultra capacity of 5.3 cubic feet, so you can fit lots of clothes into a single load, including big items like a king-sized comforter. It can incorporate a large capacity drum by making good use of the space inside and improving the vibration control*. It means you need to wash and dry fewer loads, so you spend less time in the laundry room and can enjoy more time for yourself.
AI Hub* (7" LCD Display)	Enjoy a simple way to wash and dry. The 7" wide LCD display acts as an intuitive control center for managing your laundry. So you can quickly select functions and adjust settings with a gentle touch of your finger.It personalizes your washing and drying by remembering your habits and suggesting cycles based on machine learning, as well as your periodic and seasonal needs**. And, after washing, it provides a energy and water consumption report through the SmartThings App**.
Auto Open Door	Avoid the frustration of having to wash clothes because they smell unpleasant if they are not taken out immediately. When a cycle ends, the Auto Open Door feature automatically opens the door to allow humid air to escape and reduce chance of water remain on diaphragm. So if you forget to empty your machine or your laundry is left inside for any length of time it won't develop a musty odor from being in damp conditions and keep Combo fresh and clean for better maintenance.
SmartThings _ Clothing Care	Enjoy personalized and efficient laundry. Clothing Care* analyzes your usage** and various factors to make recommendations and customize cycles***. If you scan the bar code on detergent/softener, it automatically sets the appropriate amount for each load****. When you take a photo of the care label on your clothes and register them in 'My Closet' it suggests customized cycles for items selected from it. And, using Alexa Smart Reorder*****, you can easily manage and purchase laundry supplies.
SmartThings _ Home Care	Take care of your washer or dryer easily, so it stays in the optimal condition. Home Care, part of the SmartThings App*, lets you check its status and proactively address any maintenance needs. It automatically notifies you when parts need replacing and helps diagnose and troubleshoot problems. It also checks the software versions of services and devices and shows you how to update them**. And it provides a usage guide with useful tips on using your appliance, as well as a user manual.

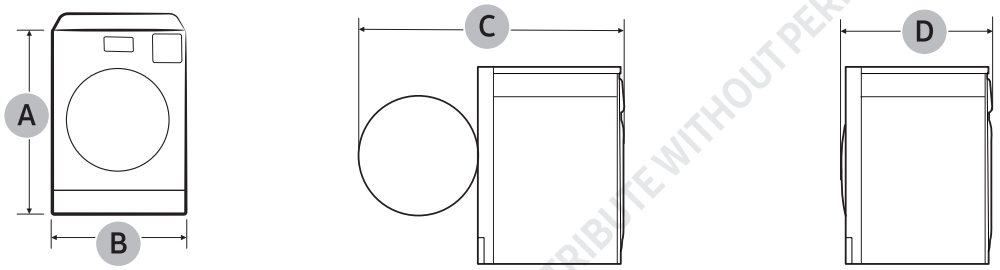
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Features	Description
Steam Wash	Use the power of steam to eliminate stains without pre-treatments. The powerful Steam Wash cycle has been engineered to improve the cleaning quality of your wash without the need for any time-consuming pre-treatment. Unlike other washers, which release steam from above, it releases steam from the bottom of the drum, so every item in the load is thoroughly saturated as it rises. This loosens ingrained dirt and ensures deep cleaning.
Voice Enabled	Control the Laundry Combo really easily with just your voice. Using the Samsung Bixby* voice recognition assistant, you can simply say what you want it to do and it will do it. So, even if your hands are full, select cycle options, control the settings during a cycle, set optional functions and monitor the progress of your washing or drying. And, if you find it difficult to read the screen, it can provide spoken feedback about the information shown.
Auto Condenser Cleaning	Keep your condenser clean, so it continues working efficiently. The Auto Condenser Cleaning provides hassle-free maintenance as its powerful water nozzle automatically sprays the heat exchanger with water just before the drying cycle ends. It removes the lint and dirt that normally accumulates over time, which leads to less effective drying of clothes. By regularly cleaning the condenser it ensures an efficient and reliable drying performance.
Less Microfiber Cycle	Significant amounts of microplastics from synthetic textiles are discharged into drain water each year, and most are released the first few times fabrics are washed. The Less Microfiber cycle adjusts the motor's revolution speed and washing intensiveness to help prevent synthetic clothes from shedding microfibers. As a result, it reduces the amount of microfiber released into drain water by up to 39%*.
Product Care (Self Clean+ / Self Dry)	Keep the door and inside of the combi washer and dryer hygienically clean and fresh without using detergent. Self Clean+uses a combination of soaking, pulsating and high-speed spinning to keep everything outstandingly clean. And, for added ease of use, it automatically notifies you when it needs cleaning**. The Self Dry course uses hot air to dry out any moisture inside the dryer. So it effectively dries every corner of the machine, even if they cannot be seen.

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2-2. PRODUCT DIMENSION

■ Dimensions



A. Overall height	43.7 in. (1110 mm)
B. Width	27 in. (686 mm)
C. Depth with door open	56.3 in. (1430 mm)
D. Depth	34.4 in. (875 mm)

■ Clearance requirement

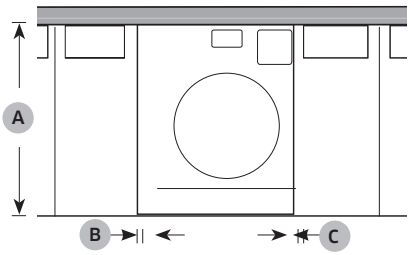
Alcove or closet installations

Minimum clearance for stable operation:

Sides	Top	Rear	Front
1 in. (25 mm)	1 in. (25 mm)	2 in. (50 mm)	1 in. (25 mm)

If both the washer and a dryer are installed in the same location, the front of the alcove or closet must have two unobstructed air openings for a combined minimum total area of 72 in.2 (465 cm2).

Undercounter installation



A	43.7 in. (1110mm)
B	1 in. (25 mm)
C	1 in. (25 mm)

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2-3. SPECIFICATION

				TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image		IMAGE	STR_ID							
MODEL				WD25DB8995BZZS	WD26DB8995BZPE	WD22DB8995BZBG	WD25DB8995BZYL	WD18DB8995BZSA	WD25DB8995BZSP	WD26DB8995BZGU
SUMMARY		TYPE		27inch F/L Combo	27inch F/L Combo	27inch F/L Combo	27inch F/L Combo	27inch F/L Combo	27inch F/L Combo	27inch F/L Combo
		PROJECT		WD8000DK	WD8000DK	WD8000DK	WD8000DK	WD8000DK	WD8000DK	WD8000DK
		PLANT		SEC	SEC	SEC	SEC	SEC	SEC	SEC
		PLATFORM		A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform
		SEGMENT		TBD	TBD	TBD	TBD	TBD	TBD	TBD
		SUBSIDIARY		SECH	SEPR	SEASA	SESAR	SEAU	SESP	SGE
		COUNTRY		CHILE	PERU	ARGENTINA	SAUDI ARABIA	AUSTRALIA	SINGAPORE	UAE(Main) GCC (KUWAIT/QATAR/ BAHRAIN/YEMEN)
		Voltage / Frequency		220-230V/50Hz	220-240V/60Hz	220V/50Hz	230/50 (60hz Dual Hz)	220-240V/50Hz	230V/50Hz	230V/50Hz
		LANGUAGE PACK		Pack 4	Pack 4	Pack 4	Pack 5	Pack 8	Pack 9	PACK5
		RPM(MAX RPM)		1100	1100	1100	1100	1100	1100	1100
FEATURE	NORMAL	CAPACITY(kg)		WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg
		MARKED CAPACITY(kg)		WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 22kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 18.5kg / DRY 10kg	WASH 25kg / DRY 15kg	WASH 26kg / DRY 15kg
		WATER INLET HOSE INCLUDED		●	●	●	●	●	●	●
	FUNCTION	AI OPTIMAL WASH		Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)
		LOAD SENSING		Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 11 steps	Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps
		BUBBLE SHOT PUMP		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
		WASHING+DRYING TIME		98min (Speed course)	98min (Speed course)	98min (Speed course)	98min (Speed course)	98min (Speed course)	98min (Speed course)	98min (Speed course)
		STEAM		Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else
		PRE WASH		X	X	X	X	X	X	X
		PRE SOAK		X	X	X	X	X	X	X
		BUBBLE SOAK		●	●	●	●	●	●	●
		SENSOR DRY		●	●	●	●	●	●	●
		HEATER		●(W) / X(D)	●(W) / X(D)	●(W) / X(D)	●(W) / X(D)	●(W) / X(D)	●(W) / X(D)	●(W) / X(D)
	VIBRATION	DD		●	●	●	●	●	●	●
		VRT+		Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)
		VRT		X	X	X	X	X	X	X
		GLASS PANEL		X	X	X	X	X	X	X
		GLASS DOOR		●	●	●	●	●	●	●
	HYGIENE	DRUM CLEAN+(SELF CLEAN+)	7inch_washer_cycle_ cyclename_drumclean	●	●	●	●	●	●	●
		SELF CLEAN	mn_d_selfclean	X	X	X	X	X	X	X
		SELF DRY	mn_selfdry	●	●	●	●	●	●	●
		TBD		X	X	X	X	X	X	X
		TBD		●	●	●	●	●	●	●
		HYGIENE STEAM		●	●	●	●	●	●	●
		HYGIENE CARE		●	●	●	●	●	●	●
		PET CARE CYCLE		●	●	●	●	●	●	●

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				TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image		IMAGE	STR_ID							
MODEL				WD25DB8995BZZS	WD26DB8995BZPE	WD22DB8995BZBG	WD25DB8995BZYL	WD18DB8995BZSA	WD25DB8995BZSP	WD26DB8995BZGU
FEATURE	HYGIENE	AIRWASH		●	●	●	●	●	●	●
		HYGIENE CARE		DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)
	DRUM PATTERN	SWIRL+ DRUM		●	●	●	●	●	●	●
	CONVENIENCE	ALL-IN-ONE CONTROL		X	X	X	X	X	X	X
		AUTO DISPENSER		●	●	●	●	●	●	●
		SIMPLE UX		●	●	●	●	●	●	●
		LCD		7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)
		JOG+G.LED		X	X	X	X	X	X	X
		JOG+D.LED		X	X	X	X	X	X	X
		AUTO OPEN DOOR		●	●	●	●	●	●	●
		TACTILE BUD			LABEL	LABEL	LABEL	LABEL	LABEL	LABEL
		BIXBY		●	●	●	●	●	●	●
		CAMERA		X	X	X	X	X	X	X
				X	X	X	X	X	X	X
	SMART	SmartThings		●	●	●	●	●	●	●
		SMART CARE(SMART CHECK)		X	X	X	X	X	X	X
	PANEL	DISPLAY		7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)
		PANEL		Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X
		PANLE DECO		X	X	X	X	X	X	X
	DOOR	DOOR		GLASS	GLASS	GLASS	GLASS	GLASS	GLASS	GLASS
		DOOR DECO		BLACK	BLACK	BLACK	BLACK	BLACK	BLACK	BLACK
	COLOR	FRONT COLOR		DARK STEEL	DARK STEEL	DARK STEEL	DARK STEEL	DARK STEEL	DARK STEEL	DARK STEEL
		TOP COLOR		BLACK	BLACK	BLACK	BLACK	BLACK	BLACK	BLACK
		SIDE/BACK COLOR		BLACK	BLACK	BLACK	BLACK	BLACK	BLACK	BLACK
	DRUM	DRUM PATTERN		Swirl+	Swirl+	Swirl+	Swirl+	Swirl+	Swirl+	Swirl+
ENERGY		ENERGY EFFICIENT GRADE		WASH 1GRADE	WASH 2GRADE	WASH 1GRADE	WASH 1GRADE	WASH 1GRADE	WASH 1GRADE	WASH 1GRADE
LCD		DETERGENT CARD		●	●	●	●	●	●	●
		PRODUCT CARE CARD		Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications
		LAUNCRY REPORT		Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information
		※ LIQUID UNITS		L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)
COURSE (WASHER + DRYER)		NUMBER OF CYCLES		20	20	20	21	20	20	21
		Energy Saving	mn_energy	X	X	X	X	● (COURSE: Energy Saving) FIRST COURSE	X	X
		e-Cotton (Only for Africa&Saudi&CIS)	mn_ecotton	X	X	X	●(COURSE: E Cotton)	X	X	●(COURSE: E Cotton)
			mn_eco							
			mn_wd							
		Normal(KOR)	mn_normal	X	X	X	X	X	X	X
		Cotton	mn_cotton_nonerp	●	●	●	●	●	●	●

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			TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image	IMAGE	STR_ID							
MODEL			WD25DB8995BZZS	WD26DB8995BZPE	WD22DB8995BZBG	WD25DB8995BZYL	WD18DB8995BZSA	WD25DB8995BZSP	WD26DB8995BZGU
COURSE (WASHER + DRYER)	AI Wash & Dry	mn_ai_wshdry	●	●	●	●	●	●	●
	Persil Deep Clean	mn_persil_dpclean	X	X	X	X	X	X	X
	Quick Wash & Dry	mn_quick_wshdry	X	X	X	X	X	X	X
	Super Speed	mn_w_speed	●	●	●	●	●	●	●
	Less Microfiber	mn_microfiber	●	●	●	●	●	●	●
	Bedding	mn_bed	●	●	●	●	●	●	●
	Delicates	mn_deli	●	●	●	●	●	●	●
	Wool	mn_wool	●	●	●	●	●	●	●
	Towels	mn_towel	●	●	●	●	●	●	●
	Denim	mn_denim	●	●	●	●	●	●	●
	Shirts	mn_shirts	●	●	●	●	●	●	●
	Baby Care	mn_baby	●	●	●	●	●	●	●
	Pet Care	mn_pet_care	●	●	●	●	●	●	●
	Sanitize	mn_sanitize	●	●	●	●	●	●	●
	Rinse+Spin	mn_rinspn	●	●	●	●	●	●	●
	Spin only	mn_spin	●	●	●	●	●	●	●
DRYER ONLY	Air Sanitize	mn_airsani	X	X	X	X	X	X	X
	Air Bedding Care	mn_airbed	●	●	●	●	●	●	●
	Down Jacket Care	mn_padding	●	●	●	●	●	●	●
	Time Dry	mn_time	●	●	●	●	●	●	●
	Cool Air	mn_airff	●	●	●	●	●	●	●
ECT	Product Care	mn_product_care	●	●	●	●	●	●	●
MADE COURSE	Cycle what I made		MAX10	MAX10	MAX10	MAX10	MAX10	MAX10	MAX10
OPTION	OPTIONS/DUAL KEY		X	X	X	X	X	X	X
	SMART CONTROL		●	●	●	●	●	●	●
	BUBBLE SOAK		●	●	●	●	●	●	●
	EXTRA RINSE		X	X	X	X	X	X	X
	ADD GARMENTS		●	●	●	●	●	●	●
	DRUMLIGHT		●	●	●	●	●	●	●
	DOSE PER WASH		●	●	●	●	●	●	●
	DOSE PER RINSE		●	●	●	●	●	●	●
	DELAY END(24H)		●	●	●	●	●	●	●
	CHILD LOCK		●	●	●	●	●	●	●
	ALARM OFF		●	●	●	●	●	●	●
	Dry prep.		●	●	●	●	●	●	●
SYSTEM SETTING	TBD		●	●	●	●	●	●	●
	TBD		●	●	●	●	●	●	●
	TBD		X	X	X	X	X	X	X
	ANTI-FREEZING		X	X	X	X	X	X	X
			X	X	X	X	X	X	X
	AI PATTERN		●	●	●	●	●	●	●
	LANGUAGE		●	●	●	●	●	●	●
	CALIBRATION		●	●	●	●	●	●	●
	Wi-Fi		X	X	X	X	X	X	X

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			TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image	IMAGE	STR_ID							
MODEL			WD25DB8995BZZS	WD26DB8995BZPE	WD22DB8995BZBG	WD25DB8995BZYL	WD18DB8995BZSA	WD25DB8995BZSP	WD26DB8995BZGU
SYSTEM SETTING	ADJUST DISPLAY BRIGHTNESS		●	●	●	●	●	●	●
	ADJUST VOLUME		●	●	●	●	●	●	●
	CHANGE ON/OFF SOUND		●	●	●	●	●	●	●
	CHANGE TASK ENDING SOUND		● (SPEAKER)	● (SPEAKER)	● (SPEAKER)	● (SPEAKER)	● (SPEAKER)	● (SPEAKER)	● (SPEAKER)
	BLUETOOTH		X	X	X	X	X	X	X
	SYSTEM RESET		●	●	●	●	●	●	●
	Liquid units		default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)
Other functions	PRE SOAK		X	X	X	X	X	X	X
	EXTRA RINSE		X	X	X	X	X	X	X
	EXTRA SPIN		X	X	X	X	X	X	X
	STEAM		X	X	X	X	X	X	X
	MY CYCLE		X	X	X	X	X	X	X
	SMART CARE(SMART CHECK)		X	X	X	X	X	X	X
Long Key /Double Key	LONG KEY /DUAL KEY	CYCLE CANCLE	X	X	X	X	X	X	X
		CHILD LOCK(DUAL KEY)	X	X	X	X	X	X	X
		ALARM OFF	X	X	X	X	X	X	X
		DRUM LIGHT	X	X	X	X	X	X	X
		RINSE ONLY	X	X	X	X	X	X	X
		SPIN ONLY	X	X	X	X	X	X	X
Indicator	ADD GARMENTS		●	●	●	●	●	●	●
	DRUM CLEAN+(SELF CLEAN+)		●	●	●	●	●	●	●
	CHILD LOCK		●	●	●	●	●	●	●
	DOOR LOCK		●	●	●	●	●	●	●
	ALRAM		●	●	●	●	●	●	●
	Wi-Fi		●	●	●	●	●	●	●
	SMART CONTROL		●	●	●	●	●	●	●
	DRUM LIGHT		●	●	●	●	●	●	●
WASHING TEMP	NUMBER OF SETTINGS		5	5	5	5	5	5	5
	COLD WATER		Co	Co	Co	Co	Co	Co	Co
	20°C					●			●
	30°C		30	30	30	30	30	30	30
	40°C		40	40	40	40	40	40	40
	60°C		60	60	60	60	60	60	60
	90°C		90	90	90	90	90	90	90
RINSES	NUMBER OF SETTINGS		6	6	6	6	6	6	6
	OFF		OFF	OFF	OFF	OFF	OFF	OFF	OFF
	1		1	1	1	1	1	1	1
	2		2	2	2	2	2	2	2
	3		3	3	3	3	3	3	3
	4		4	4	4	4	4	4	4
	5		5	5	5	5	5	5	5

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			TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image	IMAGE	STR_ID							
MODEL			WD25DB8995BZZS	WD26DB8995BZPE	WD22DB8995BZBG	WD25DB8995BZYL	WD18DB8995BZSA	WD25DB8995BZSP	WD26DB8995BZGU
DEHYDRATION	NUMBER OF SETTINGS		6	6	6	6	6	6	6
	OFF		OFF	OFF	OFF	Rinse Hold&No Spin	OFF	Rinse Hold&No Spin	Rinse Hold&No Spin
	EXTRA LOW		EXTRA LOW	EXTRA LOW	EXTRA LOW	Drain&No Spin	NO SPIN	Drain&No Spin	Drain&No Spin
	LOW		LOW	LOW	LOW	LOW	LOW	LOW	LOW
	MEDIUM		MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM	MEDIUM
	HIGH		HIGH	HIGH	HIGH	HIGH	HIGH	HIGH	HIGH
	EXTRA HIGH		EXTRAHIGH	EXTRAHIGH	EXTRAHIGH	EXTRAHIGH	EXTRAHIGH	EXTRAHIGH	EXTRAHIGH
ADD LAUNDRY	ON/OFF		O	O	O	O	O	O	O
NORMAL DETERGENT	OFF/LOW/MEDIUM/HIGH		O	O	O	O	O	O	O
SOFTENER	OFF/LOW/MEDIUM/HIGH		O	O	O	O	O	O	O
PASSIVE INPUT	OFF/Neutral Detergent/ Softener		O	O	O	O	O	O	O
ADD OPTION	BUBBLE SOAK(On/Off)		O	O	O	O	O	O	O
DRY	DRYING LEVEL		4	4	4	4	4	4	4
	VERY		1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)
	NORMAL		1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)
	LESS		1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)
	DAMP		1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)
TIME SET	DRYING TIME		MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)
WRINKLE-FREE	ON/OFF		ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)
IRONING DRY	X		X	X	X	X	X	X	X
DETERGENT	NUMBER OF TRAYS		X	X	X	X	X	X	X
	PRE WASH		-	-	-	-	-	-	-
	MAIN		-	-	-	-	-	-	-
	SOFTENER		-	-	-	-	-	-	-
	BLEACH		-	-	-	-	-	-	-
	TBD		●	●	●	●	●	●	●
	MANUAL SOFTENER		●	●	●	●	●	●	●
	1 DISPENSER		●	●	●	●	●	●	●
	2 DISPENSER		● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)
	Softner Dispenser		X	X	X	X	X	X	X
MODULE	MODULE FOR ADDING FRAGRANCE		X	X	X	X	X	X	X
SIZE	NET SIZE (mm)	WIDTH	686	686	686	686	686	686	686
		DEPTH	875	875	875	875	875	875	875
		HEIGHT	1110	1110	1110	1110	1110	1110	1110
	GROSS SIZE (mm)	WIDTH	746	746	746	746	746	746	746
		DEPTH	915	915	915	915	915	915	915
		HEIGHT	1250	1250	1250	1250	1250	1250	1250
	NET SIZE (inch)	WIDTH	27.0	27.0	27.0	27.0	27.0	27.0	27.0
		DEPTH	34.4	34.4	34.4	34.4	34.4	34.4	34.4
		HEIGHT	43.7	43.7	43.7	43.7	43.7	43.7	43.7

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				TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image	IMAGE		STR_ID							
MODEL				WD25DB8995BZZS	WD26DB8995BZPE	WD22DB8995BZBG	WD25DB8995BZYL	WD18DB8995BZSA	WD25DB8995BZSP	WD26DB8995BZGU
SIZE	GROSS SIZE (inch)	WIDTH		29.4	29.4	29.4	29.4	29.4	29.4	29.4
		DEPTH		36.0	36.0	36.0	36.0	36.0	36.0	36.0
		HEIGHT		49.2	49.2	49.2	49.2	49.2	49.2	49.2
WEIGHT	NET WEIGHT(kg)			147.0	147.0	144.0	147.0	144.0	147.0	147.0
	Gross(kg)	SHRINKAGE		152.0	152.0	149.0	152.0	149.0	152.0	152.0
		BOX		TBD	TBD	TBD	TBD	TBD	TBD	TBD
	NET WEIGHT(lb)			-	-	-	-	-	-	-
	Gross(lb)	SHRINKAGE		-	-	-	-	-	-	-
		BOX		-	-	-	-	-	-	-

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SPECIFICATION (Cont.)

				TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image		IMAGE	STR_ID							
MODEL				WD25DB8995BZST	WD25DB8995BZFQ	WD25DB8995BZSV	WD18DB8995BZT1	WD18DB8995BZT2	WD18DB8995BZLD	WD18DB8995BZSC
SUMMARY		TYPE		27inch F/L Combo	27inch F/L Combo	27inch F/L Combo	27inch F/L Combo	27inch F/L Combo	27inch F/L Combo	27inch F/L Combo
		PROJECT		WD8000DK	WD8000DK	WD8000DK	WD8000DK	WD8000DK	WD8000DK	WD8000DK
		PLANT		SEC	SEC	SEC	SEC	SEC	SEC	SEC
		PLATFORM		A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform	A1 5.3cf Platform
		SEGMENT		TBD	TBD	TBD	TBD	TBD	TBD	TBD
		SUBSIDIARY		TSE	SME	SAVINA	SEUK	SEUK 외	SERC	SCIC
		COUNTRY		THAILAND	MALAYSIA	VIETNAM	ENGLAND	GERMANY, FRANCE...	RUSSIA ETC (EXCEPT UZBEKISTAN)	CHINA
		Voltage / Frequency		220V/50Hz	230V/50Hz	220V/50Hz	220-230V 50Hz	220-230V 50Hz	230V/50Hz	230V/50Hz
		LANGUAGE PACK		PACK 7 (English+Thai)	PACK 9(ENG+CHN)	PACK 6(ENG+VIE)	PACK19	PACK19	PACK18	Pack 9
		RPM(MAX RPM)		1100	1100	1100	1000	1000	1000	1100
FEATURE	NORMAL	CAPACITY(kg)		WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 18kg / DRY 11kg	WASH 18kg / DRY 11kg	WASH 18kg / DRY 11kg	WASH 18kg / DRY 15kg
		MARKED CAPACITY(kg)		WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 25kg / DRY 15kg	WASH 18kg / DRY 11kg	WASH 18kg / DRY 11kg	WASH 18kg / DRY 11kg	WASH 18kg / DRY 15kg
		WATER INLET HOSE INCLUDED		●	●	●	●	●	●	●
	FUNCTION	AI OPTIMAL WASH		Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)	Contamination level detection, laundry detection (delicate/ normal/towel)
		LOAD SENSING		Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps	Standard course 6 steps/AI customized laundry 10 steps
		BUBBLE SHOT PUMP		BLDC	BLDC	BLDC	BLDC	BLDC	BLDC	BLDC
		WASHING+DRYING TIME		98min (Speed course)	98min (Speed course)	98min (Speed course)	98min (Speed course)	98min (Speed course)	98min (Speed course)	98min (Speed course)
		STEAM		Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else	Operates during sterilization and washing, nothing else
		PRE WASH		X	X	X	X	X	X	X
		PRE SOAK		X	X	X	X	X	X	X
		BUBBLE SOAK		●	●	●	●	●	●	●
		SENSOR DRY		●	●	●	●	●	●	●
		HEATER		●(W) / X(D)	●(W) / X(D)	●(W) / X(D)	●(W) / X(D)	●(W) / X(D)	●(W) / X(D)	●(W) / X(D)
	VIBRATION	DD		●	●	●	●	●	●	●
		VRT+		Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)	Ball+1MEMS+2 DAMPER(52dBA)
		VRT		X	X	X	X	X	X	X
		GLASS PANEL		X	X	X	X	X	X	X
		GLASS DOOR		●	●	●	●	●	●	●
	HYGIENE	DRUM CLEAN+(SELF CLEAN+)	7inch_washer_cycle_ cyclename_drumclean	●	●	●	●	●	●	●
		SELF CLEAN	mn_d_selfclean	X	X	X	X	X	X	X
		SELF DRY	mn_selfdry	●	●	●	●	●	●	●
		TBD		X	X	X	X	X	X	X
		TBD		●	●	●	●	●	●	●
		HYGIENE STEAM		●	●	●	●	●	●	●
		HYGIENE CARE		●	●	●	●	●	●	●
		PET CARE CYCLE		●	●	●	●	●	●	●

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				TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image		IMAGE	STR_ID							
MODEL				WD25DB8995BZST	WD25DB8995BZFQ	WD25DB8995BZSV	WD18DB8995BZT1	WD18DB8995BZT2	WD18DB8995BZLD	WD18DB8995BZSC
FEATURE	HYGIENE	AIRWASH		●	●	●	●	●	●	●
		HYGIENE CARE		DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)	DRAWER(ANTIBACTERIAL)
	DRUM PATTERN	SWIRL+ DRUM		●	●	●	●	●	●	●
	CONVENIENCE	ALL-IN-ONE CONTROL		X	X	X	X	X	X	X
		AUTO DISPENSER		●	●	●	●	●	●	●
		SIMPLE UX		●	●	●	●	●	●	●
		LCD		7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)
		JOG+G.LED		X	X	X	X	X	X	X
		JOG+D.LED		X	X	X	X	X	X	X
		AUTO OPEN DOOR		●	●	●	●	●	●	●
		TACTILE BUD		LABEL	LABEL	LABEL	LABEL	LABEL	LABEL	LABEL
		BIXBY		●	●	●	●	●	●	●
		CAMERA		X	X	X	X	X	X	X
				X	X	X	X	X	X	X
	SMART	SmartThings		●	●	●	●	●	●	●
		SMART CARE(SMART CHECK)		X	X	X	X	X	X	X
	PANEL	DISPLAY		7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)	7" Touch LCD(COLOR)
		PANEL		Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X	Panel Window O(Glass) Assy panel control X
		PANLE DECO		X	X	X	X	X	X	X
	DOOR	DOOR		GLASS	GLASS	GLASS	GLASS	GLASS	GLASS	GLASS
		DOOR DECO		BLACK	BLACK	BLACK	BLACK	BLACK	BLACK	BLACK
	COLOR	FRONT COLOR		DARK STEEL	DARK STEEL	DARK STEEL	DARK STEEL	DARK STEEL	DARK STEEL	DARK STEEL
		TOP COLOR		BLACK	BLACK	BLACK	BLACK	BLACK	BLACK	BLACK
		SIDE/BACK COLOR		BLACK	BLACK	BLACK	BLACK	BLACK	BLACK	BLACK
	DRUM	DRUM PATTERN		Swirl+	Swirl+	Swirl+	Swirl+	Swirl+	Swirl+	Swirl+
ENERGY		ENERGY EFFICIENT GRADE		WASH 1GRADE	WASH 1GRADE	WASH 1GRADE	WASH 1GRADE	WASH 1GRADE	WASH 1GRADE	WASH 1GRADE
LCD		DETERGENT CARD		●	●	●	●	●	●	●
		PRODUCT CARE CARD		Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications	Device management course usage status and notifications
		LAUNCRY REPORT		Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information	Provides laundry weight and detergent amount, water/ energy usage information
		※ LIQUID UNITS		L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)	L (water) / mL (detergent)
COURSE (WASHER + DRYER)		NUMBER OF CYCLES		19	19	19	22	22	20	20
		Energy Saving	mn_energy	X	X	X	X	X	X	X
		e-Cotton (Only for Africa&Saudi&CIS)	mn_ecotton	X	X	X	X	X	X	X
			mn_eco				● (DEFAULT1)	● (DEFAULT1)	X	
			mn_wd				●	●	X	
		Normal(KOR)	mn_normal	X	X	X	X	X	X	X
		Cotton	mn_cotton_nonerp	●	●	●	●	●	●	●

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			TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image	IMAGE	STR_ID							
MODEL			WD25DB8995BZST	WD25DB8995BZFQ	WD25DB8995BZSV	WD18DB8995BZT1	WD18DB8995BZT2	WD18DB8995BZLD	WD18DB8995BZSC
COURSE (WASHER + DRYER)	AI Wash & Dry	mn_ai_wshdry	●	●	●	●	●	●	●
	Persil Deep Clean	mn_persil_dpclean	X	X	X	X	X	X	X
	Quick Wash & Dry	mn_quick_wshdry	X	X	X	X	X	X	X
	Super Speed	mn_w_speed	●	●	●	●	●	●	●
	Less Microfiber	mn_microfiber	●	●	●	●	●	●	●
	Bedding	mn_bed	●	●	●	●	●	●	●
	Delicates	mn_deli	●	●	●	●	●	●	●
	Wool	mn_wool	●	●	●	●	●	●	●
	Towels	mn_towel	●	●	●	●	●	●	●
	Denim	mn_denim	●	●	●	●	●	●	●
	Shirts	mn_shirts	●	●	●	●	●	●	●
	Baby Care	mn_baby	●	●	●	●	●	●	●
	Pet Care	mn_pet_care	●	●	●	●	●	●	●
	Sanitize	mn_sanitize	●	●	●	●	●	●	●
	Rinse+Spin	mn_rinspn	●	●	●	●	●	●	●
	Spin only	mn_spin	●	●	●	●	●	●	●
DRYER ONLY	Air Sanitize	mn_airsani	X	X	X	X	X	X	X
	Air Bedding Care	mn_airbed	●	●	●	●	●	●	●
	Down Jacket Care	mn_padding	●	●	●	●	●	●	●
	Time Dry	mn_time	●	●	●	●	●	●	●
	Cool Air	mn_airff	●	●	●	●	●	●	●
ECT	Product Care	mn_product_care	●	●	●	●	●	●	●
MADE COURSE	Cycle what I made		MAX10	MAX10	MAX10	MAX10	MAX10	MAX10	MAX10
OPTION	OPTIONS/DUAL KEY		X	X	X	X	X	X	X
	SMART CONTROL		●	●	●	●	●	●	●
	BUBBLE SOAK		●	●	●	●	●	●	●
	EXTRA RINSE		X	X	X	X	X	X	X
	ADD GARMENTS		●	●	●	●	●	●	●
	DRUMLIGHT		●	●	●	●	●	●	●
	DOSE PER WASH		●	●	●	●	●	●	●
	DOSE PER RINSE		●	●	●	●	●	●	●
	DELAY END(24H)		●	●	●	●	●	●	●
	CHILD LOCK		●	●	●	●	●	●	●
	ALARM OFF		●	●	●	●	●	●	●
	Dry prep.		●	●	●	●	●	●	●
SYSTEM SETTING	TBD		●	●	●	●	●	●	●
	TBD		●	●	●	●	●	●	●
	TBD		X	X	X	X	X	X	X
	ANTI-FREEZING		X	X	X	X	X	X	X
			X	X	X	X	X	X	X
	AI PATTERN		●	●	●	●	●	●	●
	LANGUAGE		X	X	X	●	●	●	●
	CALIBRATION		●	●	●	●	●	●	●
	Wi-Fi		X	X	X	●	●	X	X

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			TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image	IMAGE	STR_ID							
MODEL			WD25DB8995BZST	WD25DB8995BZFQ	WD25DB8995BZSV	WD18DB8995BZT1	WD18DB8995BZT2	WD18DB8995BZLD	WD18DB8995BZSC
SYSTEM SETTING	ADJUST DISPLAY BRIGHTNESS		●	●	●	●	●	●	●
	ADJUST VOLUME		●	●	●	●	●	●	●
	CHANGE ON/OFF SOUND		●	●	●	●	●	●	●
	CHANGE TASK ENDING SOUND		● (SPEAKER)	● (SPEAKER)	● (SPEAKER)	● (SPEAKER)	● (SPEAKER)	● (SPEAKER)	● (SPEAKER)
	BLUETOOTH		X	X	X	X	X	X	X
	SYSTEM RESET		●	●	●	●	●	●	●
	Liquid units		default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)
Other functions	PRE SOAK		X	X	X	X	X	X	X
	EXTRA RINSE		X	X	X	X	X	X	X
	EXTRA SPIN		X	X	X	X	X	X	X
	STEAM		X	X	X	●	●	●	X
	MY CYCLE		X	X	X	X	X	X	X
	SMART CARE(SMART CHECK)		X	X	X	X	X	X	X
Long Key /Double Key	LONG KEY /DUAL KEY	CYCLE CANCLE	X	X	X	X	X	X	X
		CHILD LOCK(DUAL KEY)	X	X	X	X	X	X	X
		ALARM OFF	X	X	X	X	X	X	X
		DRUM LIGHT	X	X	X	X	X	X	X
		RINSE ONLY	X	X	X	X	X	X	X
		SPIN ONLY	X	X	X	X	X	X	X
Indicator	ADD GARMENTS		●	●	●	●	●	●	●
	DRUM CLEAN+(SELF CLEAN+)		●	●	●	●	●	●	●
	CHILD LOCK		●	●	●	●	●	●	●
	DOOR LOCK		●	●	●	●	●	●	●
	ALRAM		●	●	●	●	●	●	●
	Wi-Fi		●	●	●	●	●	●	●
	SMART CONTROL		●	●	●	●	●	●	●
	DRUM LIGHT		●	●	●	●	●	●	●
WASHING TEMP	NUMBER OF SETTINGS		5	5	5	6	6	6	5
	COLD WATER		Co	Co	Co	Co	Co	Co	Co
	20°C		X	X	X	20	20	20	
	30°C		30	30	30	30	30	30	30
	40°C		40	40	40	40	40	40	40
	60°C		60	60	60	60	60	60	60
	90°C		90	90	90	90	90	90	90
RINSES	NUMBER OF SETTINGS		6	6	6	6	6	6	6
	OFF		OFF	OFF	OFF	OFF	OFF	OFF	OFF
	1		1	1	1	1	1	1	1
	2		2	2	2	2	2	2	2
	3		3	3	3	3	3	3	3
	4		4	4	4	4	4	4	4
	5		5	5	5	5	5	5	5

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			TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image	IMAGE	STR_ID							
MODEL			WD25DB8995BZST	WD25DB8995BZFQ	WD25DB8995BZSV	WD18DB8995BZT1	WD18DB8995BZT2	WD18DB8995BZLD	WD18DB8995BZSC
DEHYDRATION	NUMBER OF SETTINGS		6	6	6	6	6	6	6
	OFF		Rinse Hold&No Spin	Rinse Hold&No Spin	Rinse Hold&No Spin	Rinse Hold&No Spin	Rinse Hold&No Spin	Rinse Hold&No Spin	OFF
	EXTRA LOW		Drain&No Spin	Drain&No Spin	Drain&No Spin	Drain&No Spin	Drain&No Spin	Drain&No Spin	EXTRA LOW
	LOW		LOW	LOW	LOW	500	500	500	LOW
	MEDIUM		MEDIUM	MEDIUM	MEDIUM	800	800	800	MEDIUM
	HIGH		HIGH	HIGH	HIGH	900	900	900	HIGH
	EXTRA HIGH		EXTRAHIGH	EXTRAHIGH	EXTRAHIGH	1000	1000	1000	EXTRAHIGH
ADD LAUNDRY	ON/OFF		O	O	O	O	O	O	O
NORMAL DETERGENT	OFF/LOW/MEDIUM/HIGH		O	O	O	O	O	O	O
SOFTENER	OFF/LOW/MEDIUM/HIGH		O	O	O	O	O	O	O
PASSIVE INPUT	OFF/Neutral Detergent/ Softener		O	O	O	O	O	O	O
ADD OPTION	BUBBLE SOAK(On/Off)		O	O	O	O	O	O	O
DRY	DRYING LEVEL		4	4	4	4	4	4	4
	VERY		1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)
	NORMAL		1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)
	LESS		1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)
	DAMP		1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)	1~4(Varies by course)
TIME SET	DRYING TIME		MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)	MIN~MAX(Varies by course)
WRINKLE-FREE	ON/OFF		ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)	ON/OFF(Varies by course)
IRONING DRY	X		X	X	X	X	X	X	X
DETERGENT	NUMBER OF TRAYS		X	X	X	X	X	X	X
	PRE WASH		-	-	-	-	-	-	-
	MAIN		-	-	-	-	-	-	-
	SOFTENER		-	-	-	-	-	-	-
	BLEACH		-	-	-	-	-	-	-
	TBD		●	●	●	●	●	●	●
	MANUAL SOFTENER		●	●	●	●	●	●	●
	1 DISPENSER		●	●	●	●	●	●	●
	2 DISPENSER		● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)	● (Choose 1 available among Softener, General Detergent, Specialty Detergent)
	Softner Dispenser		X	X	X	X	X	X	X
MODULE	MODULE FOR ADDING FRAGRANCE		X	X	X	X	X	X	X
SIZE	NET SIZE (mm)	WIDTH	686	686	686	686	686	686	686
		DEPTH	875	875	875	875	875	875	875
		HEIGHT	1110	1110	1110	1110	1110	1110	1110
	GROSS SIZE (mm)	WIDTH	746	746	746	746	746	746	746
		DEPTH	915	915	915	915	915	915	915
		HEIGHT	1250	1250	1250	1250	1250	1250	1250
	NET SIZE (inch)	WIDTH	27.0	27.0	27.0	27.0	27.0	27.0	27.0
		DEPTH	34.4	34.4	34.4	34.4	34.4	34.4	34.4
		HEIGHT	43.7	43.7	43.7	43.7	43.7	43.7	43.7

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				TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo	TPJT Heatpump Combo
Product Image	IMAGE		STR_ID							
MODEL				WD25DB8995BZST	WD25DB8995BZFQ	WD25DB8995BZSV	WD18DB8995BZT1	WD18DB8995BZT2	WD18DB8995BZLD	WD18DB8995BZSC
SIZE	GROSS SIZE (inch)	WIDTH		29.4	29.4	29.4	29.4	29.4	29.4	29.4
		DEPTH		36.0	36.0	36.0	36.0	36.0	36.0	36.0
		HEIGHT		49.2	49.2	49.2	49.2	49.2	49.2	49.2
WEIGHT	NET WEIGHT(kg)			147.0	147.0	144.0	147.0	147.0	147.0	147.0
	Gross(kg)	SHRINKAGE		152.0	152.0	149.0	152.0	152.0	152.0	152.0
		BOX		TBD	TBD	TBD	TBD	TBD	TBD	TBD
	NET WEIGHT(lb)			-	-	-	-	-	-	-
	Gross(lb)	SHRINKAGE		-	-	-	-	-	-	-
		BOX		-	-	-	-	-	-	-

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■ TPJT_북미향

	지법인	SAMCOL	SEDA	SEM	SELA
F/L Washer	Country	콜롬비아	브라질	멕시코	파나마/코스타리카/과테말라/도미니카 공화국
	Project	WDA900D	WDA900D	WDA900D	WDA900D
	Model	WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Model Code	WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Available Colors	(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL
	Image				
Key Features	Capacity	W:25kg / D:15kg	W:25kg / D:15kg	W:25kg / D:15kg	W:25kg / D:15kg
	Marked Capacity	W:26kg / D:15kg	W:20kg / D:15kg	W:26kg / D:15kg	W:26kg / D:15kg
	AI Bubble	Y	Y	Y	Y
	Internal Heater	Y (Wash Only)	Y (Wash Only)	Y (Wash Only)	Y (Wash Only)
	Steam	Y (Wash Only)	Y (Wash Only)	Y (Wash Only)	Y (Wash Only)
	SuperSpeed	Y	Y	Y	Y
	Smart Control	Y (Embedded)	Y (Embedded)	Y (Embedded)	Y (Embedded)
	Smart Care	-	-	-	-
	Interior Drum	Swirl+	Swirl+	Swirl+	Swirl+
	Self Clean +	Y	Y	Y	Y
	Washing Cycles	22	22	22	22
	VRT PLUS™	Y	Y	Y	Y
	RPM (Max Spin Speed)	1,150	1,150	1,150	1,150
	Interior Drum Light	Y	Y	Y	Y
	Motor	DD	DD	DD	DD
	Drum tilt	5 degree	5 degree	5 degree	5 degree
	Cycle Time (Normal 8lb AHAM) (Total: Wash/Dry)	TBD	TBD	TBD	TBD
	Cycle Time (SuperSpeed 10lb DOE) (Total: Wash/Dry)	TBD	TBD	TBD	TBD
	Water Inlet Hose Included	-	-	-	-
	Auto Dispensers	Y (TBD loads)	Y (TBD loads)	Y (TBD loads)	Y (TBD loads)
	Turbodity sensor (AI Wash)	Y	Y	Y	Y
	Fabric Sensing	Y	Y	Y	Y
	Power Resource Type (Electric / Gas)	Electric	Electric	Electric	Electric
	Dryer Type	Heat Pump	Heat Pump	Heat Pump	Heat Pump
	Drum Material	Stainless Steel	Stainless Steel	Stainless Steel	Stainless Steel
	Internal Drum Light	Y	Y	Y	Y
	Reversible Door	X	X	X	X
	Auto Open Door	Y	Y	Y	Y
	Drying Rack	TBD	TBD	TBD	TBD
	Door Safety	Y	Y	Y	Y
	Filter Check Indicator	Y	Y	Y	Y
	Heater (Elec Dryer Only)	N	N	N	N

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F/L Washer	지법인		SAMCOL	SEDA	SEM	SELA
	Country		콜롬비아	브라질	멕시코	파나마/코스타리카/과테말라/도미니카 공화국
	Project		WDA900D	WDA900D	WDA900D	WDA900D
	Model		WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Model Code		WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Available Colors		(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL
	Image					
Key Features	Heating Element (KW) (Electric / Gas)	Heating Element (KW)	N	N	N	N
	Moter Spec (HP)		1/3	1/3	1/3	1/3
	Auto Condenser Cleaning		Y	Y	Y	Y
	Voice Assistant		Y	Y	Y	Y
SmartThings Service	Home Care		Y	Y	Y	Y
	Energy Care		Y	Y	Y	Y
	AI Energy Saving		Y	Y	Y	Y
	Clothing Care		Y	Y	Y	Y
Design	Door Type		Black Deco + Glass	Black Deco + Glass	Black Deco + Glass	Black Deco + Glass
	Door Safety		Y	Y	Y	Y
	Chrome Deco : Panel		-	-	-	-
	Time Display		7 Color LCD(Touch supported)	7 Color LCD(Touch supported)	7 Color LCD(Touch supported)	7 Color LCD(Touch supported)
	LED color		-	-	-	-
	Door Handle		Inner	Inner	Inner	Inner
	Simple UX (IMD)		-	-	-	-
	Simple UX (MultiControl™)		-	-	-	-
	Flat Design (Bespoke)		Y	Y	Y	Y
Energy	D2/D1* (USA/Canada)	Voltage / Frequency				
		DOE Energy Factor				
		Energy Guide (kWh/cycle)				
		Yearly Energy Consumption (kWh/year)				
	Energy Star Dryer					
Cycles	Wash/Dry (Default ON)	Number of Cycles	22	22	22	22
	Wash + Dry	Normal	Y	Y	Y	Y
		AI Opti Wash & Dry	Y	Y	Y	Y
		Super Speed	Y	Y	Y	Y
		Heavy Duty	Y	Y	Y	Y
		Small Load	Y	Y	Y	Y
		Tide POD Cold	-	-	-	-
		Delicates	Y	Y	Y	Y
		Steam Whites	Y	Y	Y	Y
		Steam Sanitize	Y	Y	Y	Y
		Steam Normal	Y	Y	Y	Y

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F/L Washer	지법인		SAMCOL	SEDA	SEM	SELA
	Country		콜롬비아	브라질	멕시코	파나마/코스타리카/과테말라/도미니카 공화국
	Project		WDA900D	WDA900D	WDA900D	WDA900D
	Model		WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Model Code		WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Available Colors		(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL
	Image					
Cycles	Wash + Dry	Towels	Y	Y	Y	Y
		Bedding	Y	Y	Y	Y
		Activewear	Y	Y	Y	Y
		Wool	Y	Y	Y	Y
		Colors	Y	Y	Y	Y
		Perm Press	Y	Y	Y	Y
		Eco Cold	Y	Y	Y	Y
	Wash + (Dry OFF)	Less Microfiber	Y	Y	Y	Y
	Wash + Dry	Rinse+Spin	Y	Y	Y	Y
		Spin Only	Y	Y	Y	Y
	Dry Only	Time Dry	Y	Y	Y	Y
		Air Fluff	Y	Y	Y	Y
	Product Care	Product Care	Y	Y	Y	Y
Wash Temp.	Number of Settings		5	5	5	5
	Extra Hot		Y	Y	Y	Y
	Hot		Y	Y	Y	Y
	Warm		Y	Y	Y	Y
	Cold		Y	Y	Y	Y
	Tap Cold		Y	Y	Y	Y
Wash Spin	Number of Settings		7	7	7	7
	Extra High		Y	Y	Y	Y
	High		Y	Y	Y	Y
	Medium		Y	Y	Y	Y
	Low		Y	Y	Y	Y
	Extra Low		Y	Y	Y	Y
	Drain&No Spin		Y	Y	Y	Y
	Rinse hold&No Spin		Y	Y	Y	Y
Wash Soil Level	Number of Settings		5	5	5	5
	Extra Heavy		Y	Y	Y	Y
	Heavy		Y	Y	Y	Y
	Normal		Y	Y	Y	Y
	Light		Y	Y	Y	Y
	Extra Light		Y	Y	Y	Y

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F/L Washer	지법인	SAMCOL	SEDA	SEM	SELA
	Country	콜롬비아	브라질	멕시코	파나마/코스타리카/과테말라/도미니카 공화국
	Project	WDA900D	WDA900D	WDA900D	WDA900D
	Model	WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Model Code	WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Available Colors	(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL
	Image				
Dry Dryness	Number of Settings	4	4	4	4
	Very	-	-	-	-
	More	Level 4 (More)	Level 4 (More)	Level 4 (More)	Level 4 (More)
	Normal	Level 3 (Normal)	Level 3 (Normal)	Level 3 (Normal)	Level 3 (Normal)
	Less	Level 2 (Less)	Level 2 (Less)	Level 2 (Less)	Level 2 (Less)
	Damp	Level 1 (Damp)	Level 1 (Damp)	Level 1 (Damp)	Level 1 (Damp)
Dry Time	Number of Settings	10	10	10	10
	240 min	Level 10	Level 10	Level 10	Level 10
	180 min	Level 9	Level 9	Level 9	Level 9
	150 min	Level 8	Level 8	Level 8	Level 8
	120 min	Level 7	Level 7	Level 7	Level 7
	90 min	Level 6	Level 6	Level 6	Level 6
	80 min	-	-	-	-
	70 min	-	-	-	-
	60 min	Level 5	Level 5	Level 5	Level 5
	50 min	Level 4	Level 4	Level 4	Level 4
	40 min	Level 3	Level 3	Level 3	Level 3
	30 min	Level 2	Level 2	Level 2	Level 2
	20 min	Level 1	Level 1	Level 1	Level 1
	10 min	-	-	-	-
Options	Number of Options	5	5	5	5
	Delay End (24 hrs)	Y	Y	Y	Y
	Wash / Dispenser1_General Detergent (Dosing amount)	(Off/Low/Medium/High)	(Off/Low/Medium/High)	(Off/Low/Medium/High)	(Off/Low/Medium/High)
	Wash / Dispenser2_Specialty Detergent (Dosing amount)	(Off/Low/Medium/High)	(Off/Low/Medium/High)	(Off/Low/Medium/High)	(Off/Low/Medium/High)
	Wash / Dispenser2_Softener (Dosing amount)	(Off/Low/Medium/High)	(Off/Low/Medium/High)	(Off/Low/Medium/High)	(Off/Low/Medium/High)
	Wash / Extra Rinse	Y (On/Off)	Y (On/Off)	Y (On/Off)	Y (On/Off)
	Wash / Bubble Soak	Y (On/Off)	Y (On/Off)	Y (On/Off)	Y (On/Off)
	Dry / Dry Prep	Y (On/Off)	Y (On/Off)	Y (On/Off)	Y (On/Off)
	Dry / Wrinkle Prevent	Y (On/Off)	Y (On/Off)	Y (On/Off)	Y (On/Off)
Dispenser care	Dispenser1	Y	Y	Y	Y
	Dispenser 2	Y	Y	Y	Y
Product care	Self Clean+	Y	Y	Y	Y
	Self Dry	Y	Y	Y	Y

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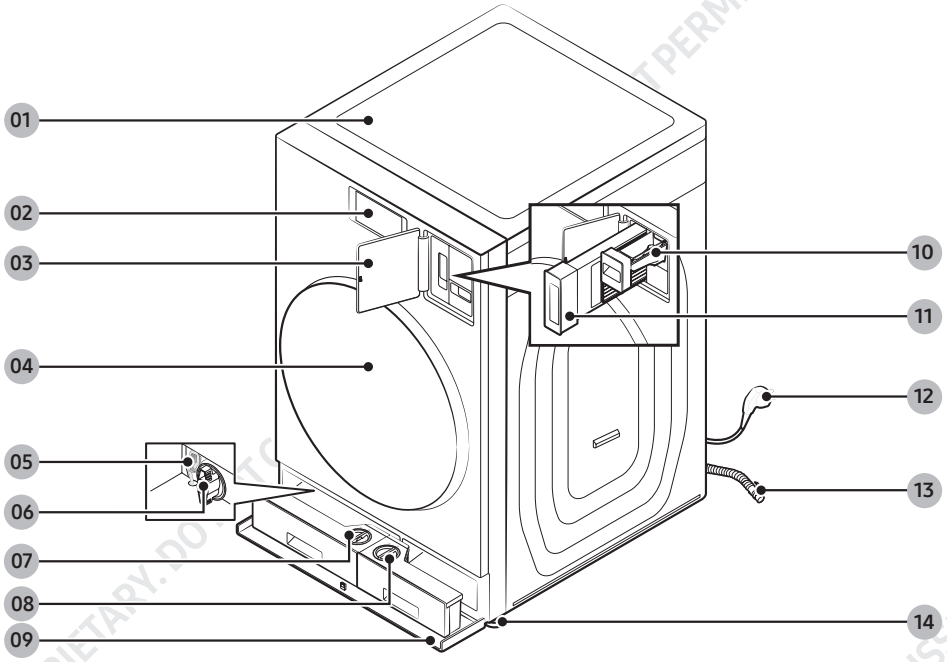
F/L Washer	지법인		SAMCOL	SEDA	SEM	SELA
	Country		콜롬비아	브라질	멕시코	파나마/코스타리카/과테말라/도미니카 공화국
	Project		WDA900D	WDA900D	WDA900D	WDA900D
	Model		WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Model Code		WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Available Colors		(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL
	Image					
Energy	Monthly energy usage		Y	Y	Y	Y
	Monthly water usage		Y	Y	Y	Y
Settings	General	Samsung accounts	Y	Y	Y	Y
		Connections (Wifi / Easy Installation)	Y	Y	Y	Y
		Lock	Y	Y	Y	Y
		Sounds (Mode, Theme, Volume, Voice)	Y	Y	Y	Y
		Home device notifications	Y	Y	Y	Y
		Display (Mode, Brightness, Font)	Y	Y	Y	Y
		Display and style (Theme)	Y	Y	Y	Y
		Bixby	Y	Y	Y	Y
		Microphone	Y	Y	Y	Y
		Language	Y	Y	Y	Y
		Date and time	Y	Y	Y	Y
		Liquid units	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)	default: L (water) / mL (detergent)
		Accessibility	Y	Y	Y	Y
		Software update	Y	Y	Y	Y
		Support	Y	Y	Y	Y
		Reset	Y	Y	Y	Y
		About washer	Y	Y	Y	Y
Settings	Washer	Drum light	Y	Y	Y	Y
		Auto dispensers	Y	Y	Y	Y
		Pump Clean	Y	Y	Y	Y
		My cycles (*Cycle Save)	Y	Y	Y	Y
		AI Pattern	Y	Y	Y	Y
		Auto Open Door	Y	Y	Y	Y
		Calibration	Y	Y	Y	Y
		Freeze Protection	Y	Y	Y	Y
		Self Diagnosis	Y	Y	Y	Y
Detergent Dispenser Tray	Auto Detergent Dispenser		Y	Y	Y	Y
	Number of Trays		3	3	3	3
	Bleach; For US/CA model (Softener; other global models*)		Manual (Softener)	Manual (Softener)	Manual (Softener)	Manual (Softener)
	Pebble Dispenser		Manual (Accessory, Detergent usage only)	Manual (Accessory, Detergent usage only)	Manual (Accessory, Detergent usage only)	Manual (Accessory, Detergent usage only)
	Auto Dispenser		Auto (General Detergent Only)	Auto (General Detergent Only)	Auto (General Detergent Only)	Auto (General Detergent Only)

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F/L Washer	지법인		SAMCOL	SEDA	SEM	SELA
	Country		콜롬비아	브라질	멕시코	파나마/코스타리카/과테말라/도미니카 공화국
	Project		WDA900D	WDA900D	WDA900D	WDA900D
	Model		WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Model Code		WD26DB8995BZCO	WD20DB8995BZAZ	WD26DB8995BZAX	WD26DB8995BZAP
	Available Colors		(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL	(NEW) DARK STEEL
	Image					
Detergent Dispenser Tray	Flex Auto Dispenser		Auto (Choose 1 available among Softener, General Detergent, Specialty Detergent)	Auto (Choose 1 available among Softener, General Detergent, Specialty Detergent)	Auto (Choose 1 available among Softener, General Detergent, Specialty Detergent)	Auto (Choose 1 available among Softener, General Detergent, Specialty Detergent)
	Auto Softener					
Electrical Requirement	Voltage / Frequency		120V / 60Hz	120V / 60Hz	120V / 60Hz	120V / 60Hz
	Ampere		15 Amps	15 Amps	15 Amps	15 Amps
Dimension	Net (mm)	Width	686	686	686	686
		Depth	875	875	875	875
		Height	1110	1110	1110	1110
	Gross (mm)	Width	746	TBD	TBD	TBD
		Depth	915	TBD	TBD	TBD
		Height	1250	TBD	TBD	TBD
	Net (inch)	Width	27.0	27.0	27.0	27.0
		Depth	34.4	34.4	34.4	34.4
		Height	43.7	43.7	43.7	43.7
	Gross (inch)	Width	29.4	TBD	TBD	TBD
		Depth	36.0	TBD	TBD	TBD
		Height	49.2	TBD	TBD	TBD
Weight	Net	Kg	144	144	144	144
	Gross	Kg	149	149	149	149
	Net	lbs	TBD	TBD	TBD	TBD
	Gross	lbs	TBD	TBD	TBD	TBD
Loading	40ft High	sets	78	78	78	78
	53ft	sets	TBD	TBD	TBD	TBD

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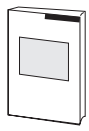
2-4. OPTIONS SPECIFICATIONS



01	Worktop	**02**	LCD panel	**03**	Lint filter cover
04	Door	**05**	Emergency drain tube	**06**	Drain filter
07	Auto dispenser	**08**	Flex auto dispenser	**09**	Compartment cover
10	Manual bleach dispenser	**11**	Lint filter	**12**	Power plug
13	Drain hose	**14**	Levelling feet		

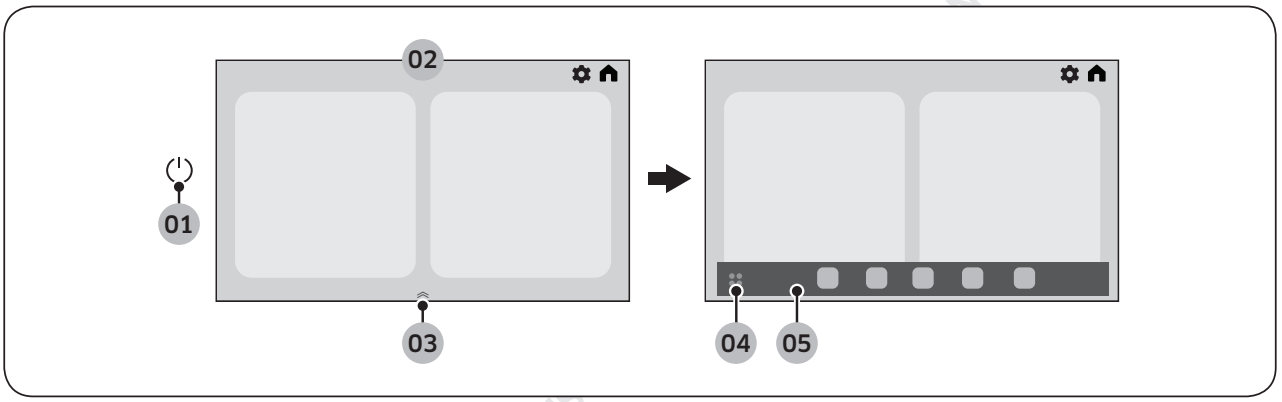
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2-5. SUPPLIED ACCESSORIES

Item		Code	Q'TY	Remarks
	USER MANUAL	DC68-04355M	1	WD18DB8995BZSC
		DC68-04355J	1	WD18DB8995BZSA
		DC68-04355F	1	WD26DB8995BZPE WD26DB8995BZCO WD26DB8995BZAX WD26DB8995BZAP
		DC68-04355G	1	WD20DB8995BZAZ
	CAP-FIXER	DC67-00307A	6	Default
	HOSE-HANGER	DC62-10278A	1	WD26DB8995BZCO WD26DB8995BZAX WD26DB8995BZAP
	BOLT SPANER	DC60-40146A	1	Default
	SHEET PAPER	DC63-01891A	2	Default
	AQUA PEBBLE	DC75-00029B	1	Default

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2-6. CONTROL PANEL



01 Power ⏻	Tap to turn the washer on or off.
02 Display	The display shows current cycle information and estimated time remaining, or an information message when a problem occurs.
03 App dock	Drag the App dock handler upward to open the App dock.
04 App tray button	Tap to view all available apps.
05 App drawer	You can open the App drawer to quickly open the SmartThings, Timer, Bixby, Weather, Ring, Internet, or Settings app.

■ Display icon descriptions

	Home	Tap to go to the Home screen.
	Settings	Tap to enter the Settings menu. • For more information on **Settings**
	Door Lock	• This icon indicates the door is locked and cannot be opened. • The door locks automatically during a cycle and this icon turns on. • You can open the door when this icon disappears.
	Smart Control	• This icon indicates that the Smart Control is on. • When the Smart Control function is activated, you can control your washer remotely using the SmartThings app on your smartphone or tablet (Android or iOS). • For more information on Smart Control
	Washer (Wash Options)	This icon appears during a wash-only cycle or a washing process. You can tap this icon to change the cycle settings. Tap the desired button to change the default wash cycle settings. • **Temp:** Tap to change the water temperature for the selected cycle. • **Soil:** Tap to change the soil level for the current cycle. • **Spin:** Tap to change the spin speed for the selected cycle. - **Rinse Hold & No Spin:** The final rinse process is suspended so that the laundry remains in the water. To unload the laundry, run a drain or spin process. - **Drain & No Spin:** The drum does not spin after the final drain process. • **Detergent:** You can change the concentration level of the detergent. - The dispense amount of detergent decreases as the concentration level increases. • **Softener:** You can change the concentration level of the softener. - The dispense amount of detergent decreases as the concentration level increases. • **Extra Rinse:** Adds an additional rinse at the end of the cycle to remove laundry additives more thoroughly. - Tap to turn on or off this function. • **Bubble Soak:** This function helps remove a wide variety of stubborn stains. With Bubble Soak selected, laundry is thoroughly soaked in water bubbles for effective washing. - Tap to turn on or off this function.

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	Dryer (Dry Options)	This icon appears during a dry-only cycle or a drying process. You can tap this icon to change the cycle settings. Tap the desired button to change the default dry cycle settings. • **Dryness:** Tap to change the dry level. You can select from 5 different levels , but the available level depends on the selected cycle. • **Dry Time:** Tap to change the cycle time. - Some cycles do not support a time setting. - You can set the drying time between 20 minutes and 240 minutes. However, available drying time depends on the selected cycle. • **Dry Prep:** After the washing process is complete and before the drying process begins, the washer pauses and alerts the user to remove items unsuitable for drying. - If you do not tap the pop-up message within the waiting period, the drying process will start automatically. - Dry Prep is only available for the cycles that include both washing and drying process. • **Wrinkle Prevent:** Reduces wrinkles by rotating the drum intermittently after completing the dry cycle. Wrinkle Prevent provides approximately 180 minutes. The load is dry and can be removed at any time during the Wrinkle Prevent cycle. - Tap to turn on or off this function.
	Washer and Dryer	This set of icons appears to show that you can set or have already set the wash and dry cycle settings.
	Start	You can start the operation.
	Pause	You can pause the operation. • During the operation, tap the button to pause.

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2-7. CYCLE CHART

Use this chart to set the best cycle and options for your laundry.

Washer Cycle chart

● : factory setting, ○ : can be selected

Cycle	Functions				
	Temp.				
	Extra Hot	Hot	Warm	Cold	Tap Cold
Normal	○	○	●	○	○
AI Opti Wash & Dry		○	●	○	○
Super Speed		○	●		
Heavy Duty	○	●	○	○	○
Small Load		○	●	○	○
Tide POD Cold				○	●
Delicates			○	○	●
Steam Whites		●			
Steam Sanitize	●				
Steam Normal		●			
Towels		○	●	○	○
Bedding			●	○	○
Activewear			●	○	○
Wool			●	○	○
Colors				●	
Perm Press			●	○	○
Eco Cold				○	●
Less Microfiber				○	●
Spin Only					
Rinse+Spin					
Self Clean+	●				

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Cycle	Functions										
	Spin										
	Wash Only							Wash & Dry			
	Extra High	High	Medium	Low	Extra Low	No Spin	No Drain	Extra Hot	High	Medium	Low
Normal	○	●	○	○	○	○	○	●			
AI Opti Wash & Dry	○	●	○	○	○	○	○	●			
Super Speed	○	●	○	○	○	○	○	●			
Heavy Duty	●	○	○	○	○	○	○	●			
Small Load	●	○	○	○	○	○	○	●			
Tide POD Cold	○	●	○	○	○	○	○	●			
Delicates			●	○	○	○	○			●	
Steam Whites	○	●	○	○	○	○	○	●			
Steam Sanitize	○	●	○	○	○	○	○	●			
Steam Normal	○	●	○	○	○	○	○	●			
Towels	○	●	○	○	○	○	○	●			
Bedding			○	●	○	○	○	●			
Activewear			○	●	○	○	○			●	
Wool				●	○	○	○				●
Colors	○	●	○	○	○	○	○	●			
Perm Press		○	○	●	○	○	○	●			
Eco Cold	○	●	○	○	○	○	○	●			
Less Microfiber			○	●	○	○	○	●			
Spin Only	○	●	○	○	○	○		●			
Rinse+Spin	○	●	○	○	○	○	○	●			
Self Clean+		●							●		

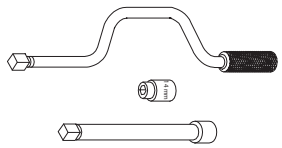
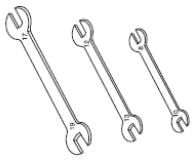
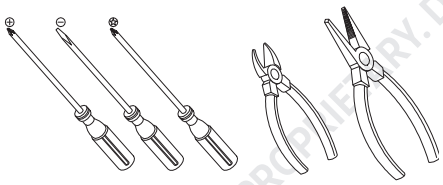
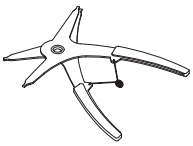
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Cycle	Functions							
	Soil level					Super Speed	Bubble Soak	Extra Rinse
	Extra Heavy	Heavy	Normal	Light	Extra Light			
Normal	○	○	●	○	○		○	○
AI Opti Wash & Dry			●				○	○
Super Speed	○	○	●	○	○			○
Heavy Duty	●	○	○	○	○	○	○	○
Small Load	○	○	○	○	●			○
Tide POD Cold	○	○	●	○	○		○	○
Delicates	○	○	●	○	○			○
Steam Whites	○	○	●	○	○	○	○	○
Steam Sanitize	○	○	●	○	○		○	○
Steam Normal	○	○	●	○	○		○	○
Towels	○	○	●	○	○		○	○
Bedding	○	○	●	○	○	○	○	○
Activewear	○	○	●	○	○		○	○
Wool			●					
Colors	○	○	●	○	○		○	○
Perm Press	○	○	●	○	○		○	○
Eco Cold	○	○	●	○	○		○	○
Less Microfiber	○	○	●	○	○		○	
Spin Only								
Rinse+Spin								○
Self Clean+			●					

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3. DISASSEMBLY AND REASSEMBLY

3-1. TOOLS FOR DISASSEMBLY AND REASSEMBLY

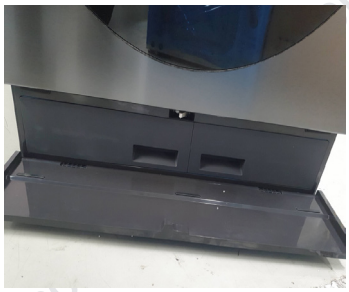
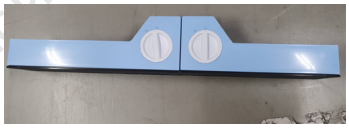
Tool		Type	Remarks
	Socket Wrench with 6” Extension	10mm 13mm 14mm 19mm	Heater (1) Motor (1), Balance (5), 2 holes of each left and right of the shock absorber1 Pulley hole Fan (2)
	Open End wrench	10mm 13mm 19mm	Replaceable for the box driver. Since the bolt runs idle when the box driver is used, use the box driver17mm.
	Vice pliers		Tool to protect the idle and abrasion of the bolt for the box driver.
	Other (Driver, Diagonal Cutter, Long Nose Pliers)		General tools for the after service.
	Jig		The tool for disassembling the fan on the back.
	C-Ring Jig		Ease insertion and separation of C-Ring.

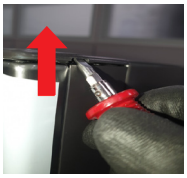
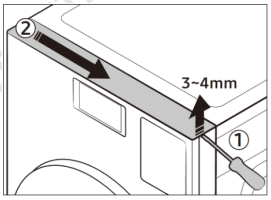
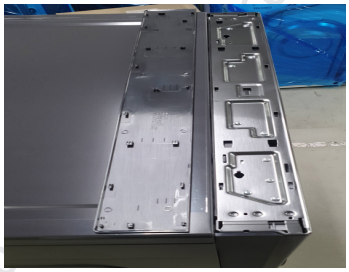
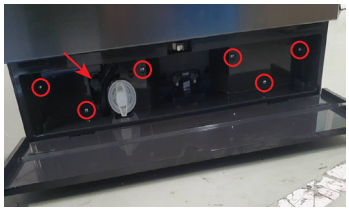
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3-2. STANDARD DISASSEMBLY DRAWINGS

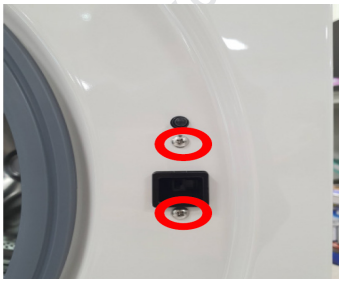
⚠ **To avoid risk of electrical shock, personal injury or death, disconnect the power to the Clothes Dryer.**

▶ This is a standard disassembly diagram and may differ from the actual product.
Use this material as a reference when disassembling and reassembling the product.

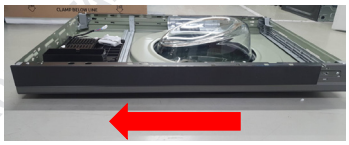
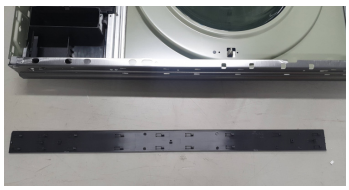
Part	Figure	Description
ASSY DRAWER (MANUAL)		1. Press to open ASSY COVER FILTER.
		2. Pull out the ASSY DRAWER. Then pull it up.
ASSY FILTER		1. Take it out while pressing the handle.
ASSY DRAWER (AUTO)		1. Press the center to open the ASSY COVER FILTER.
		2. Take out the AUTO ASSY DRAWER.

Part	Figure	Description
ASSY FRAME FRONT	①  ②  ③  ④ 	①: Insert (-)driver into the deco hole. (*driver (-) size is smaller than the size of the deco hole W15mm, H3mm) ②: and lift it up 3~4mm ③: Slide in the direction of the arrow while maintaining "②" ④: until the hook falls to the left. ※ This content is illustrated by imprinting on BASE. 
		
		Disconnect the hose in the direction of the arrow from the hook. Remove the 6ea screws on the red circle.
	①  ②  ③  ④ 	①: Press the hook at the bottom of the deco. ②, ③: Hold the deco while maintaining "①" and lift it outside the product. ④: When the hook falls out, move the deco down and disassemble it.

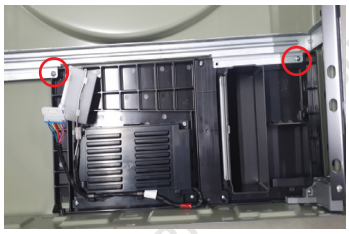
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Part	Figure	Description
ASSY FRAME FRONT		Pull the detergent box cover to the front of the product.
		Remove the 6ea screws on the red circle.
		Open the door and remove the 2ea screws inside.
		Remove Diaphragm wire clamp.
		Remove 4ea screws.
		Disassemble the connector.

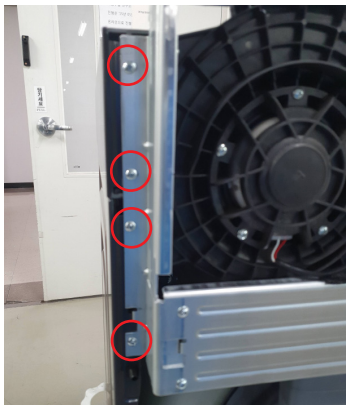
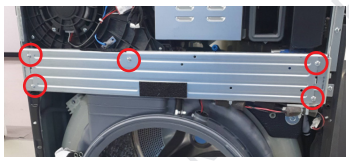
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Part	Figure	Description
ASSY FRAME FRONT		Hold the FRAME FRONT, lift it up, and pull it forward.
DECORATION		Prepare the disassembled ASSY FRAME FRONT.
		Hold the Deco and push it in the direction of the arrow to break down the hook.
		The same method for both left and right

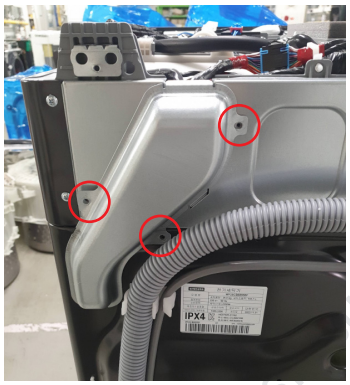
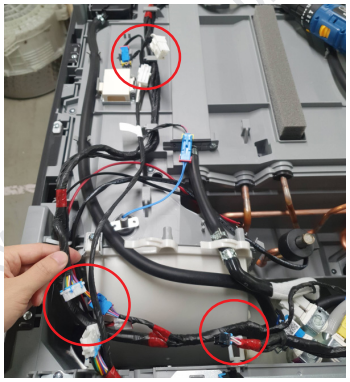
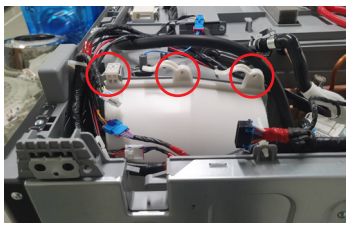
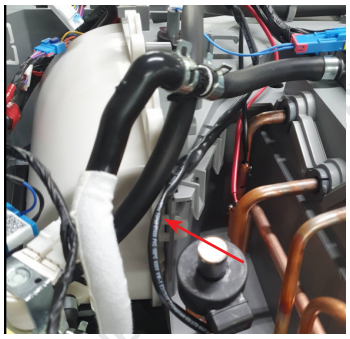
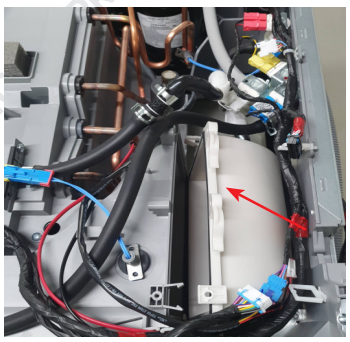
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Part	Figure	Description
BRACKET MIDDLE		Disassemble a total of 4 screws in 2ea left/right screws each.
		Disassemble 2ea screws.
	 	Grab the bracket-middle and move it to disassemble it.
LCD		Disassemble 4ea screws.
		Disassemble the LCD.

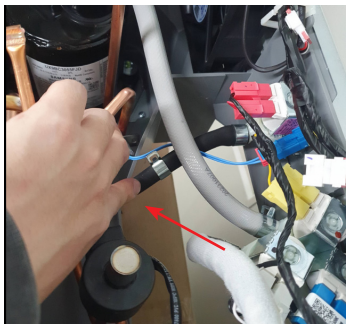
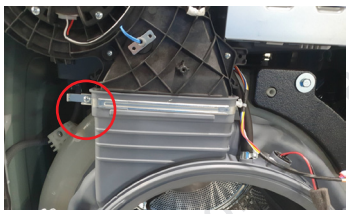
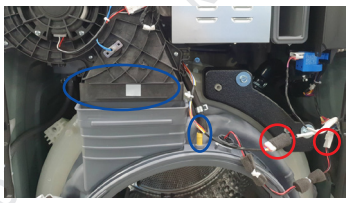
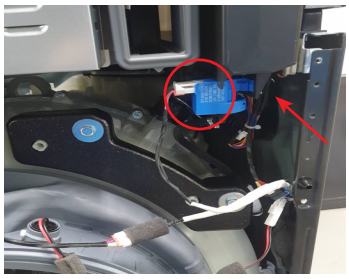
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Part	Figure	Description
ASSY FRAME PLATE-UP		Remove a total of 8ea screws, 4ea each left/right.
		Remove 5ea front screws.
		Remove 1ea screw from the upper right corner of the product. All screws are unscrewed, so remove the parts.
ASSY COVER TOP		1. Remove 2ea screws
		2. Push it to the back of the product to remove the parts.

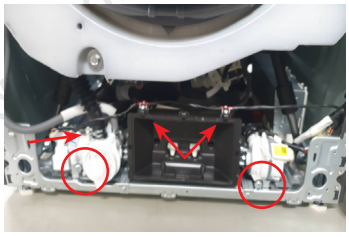
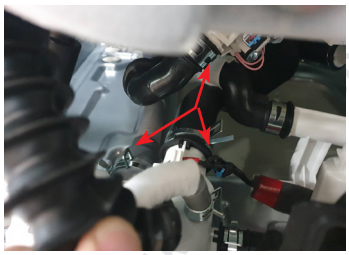
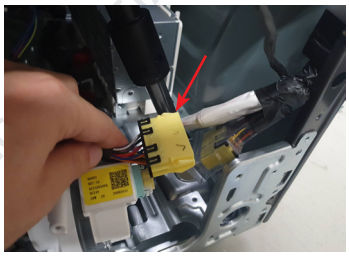
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Part	Figure	Description
COVER WIRE		1. Remove 3ea screws.
ASSY BASE		1. Disassemble 3ea connectors.
		2. Remove 3ea screws.
		3. Disassemble the assembled hooks.
		4. Disassemble Duct Connector.

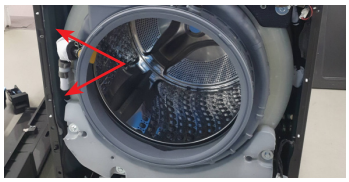
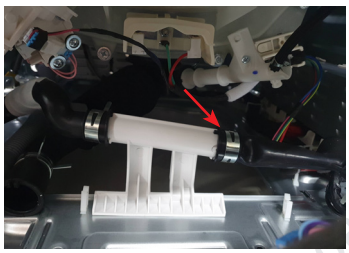
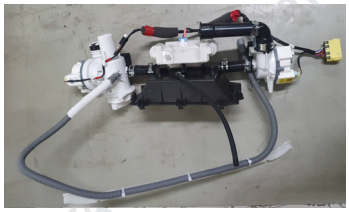
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Part	Figure	Description
ASSY BASE		5. Use the pliers to disassemble the clamp and hose connected to the valve.
		6. Remove 1ea screw.
		7. Disassemble 2ea red connectors. Disassemble the hose and duct of the blue display.
		8. Disassemble the red circle connector. Press the pressure sensor hook on the red arrow to disassemble it. (Detail diassemble method of Pressure Sensor) 1) Separate the wire connected to the SENSOR-PRESSURE. 2) Remove the Pressure sensor connector. Squeeze the tabs on both sides of the connector with a pair of pliers and pull out. (the connections on some models may look slightly different but the method is the same)
		9. Take ASSY BASE up and disassemble it.

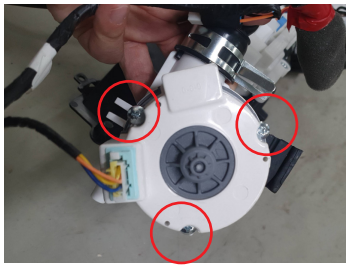
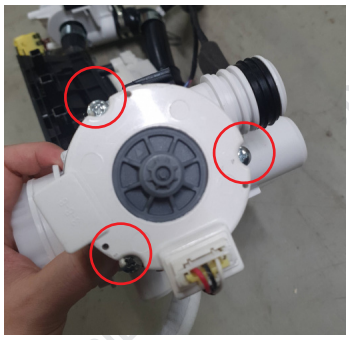
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Part	Figure	Description
ASSY PUMP MODULE		1. Pull the arrow connector up and disassemble it.
		2. Remove all screws fixed to the BRACKET part marked with arrows. After removing all screws, disassemble the BRACKET while lifting it up.
		3. Disassemble the displayed 2ea clamps using a tool. Disassemble 2ea screws. Disassemble 1ea Clamp and Hose.
		4. Disassemble the arrow display clamp and hose.
		5. Disassemble the clamps and hoses of the 3ea arrow marks.
		6. Disassemble the arrow connector.

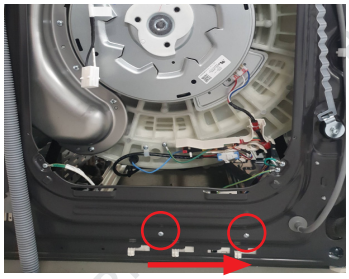
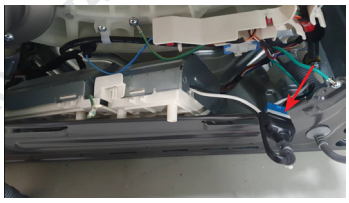
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Part	Figure	Description
ASSY PUMP MODULE		7. Disassemble the holders of 2ea arrow-colored marks using a tool.
		8. Disassemble the arrow-colored display clamp and hose.
		9. Remove the ASSY PUMP MODULE from the set.

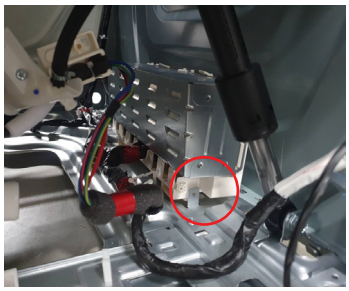
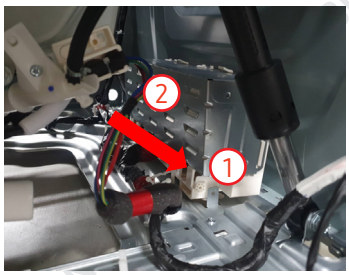
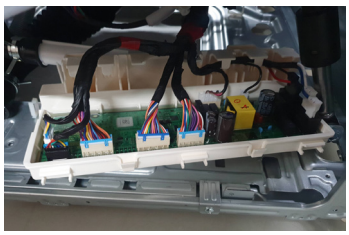
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Part	Figure	Description
PUMP		1. Disassemble the 3ea arrow-colored screws.
		2. Diassemble the 1ea Connector. Disassemble the PUMP of ASSY DRAWER
		3. After removing 3ea screws Disassemble the circulation pump.
		4. After removing 3ea screws Disassemble the Drain pump.

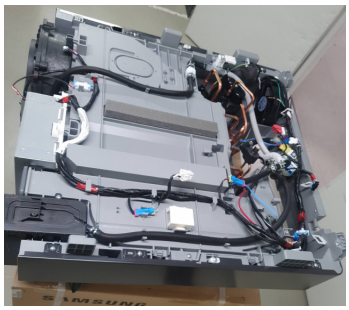
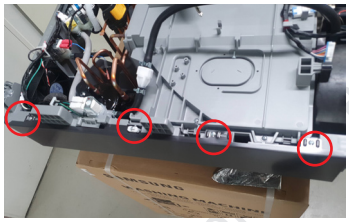
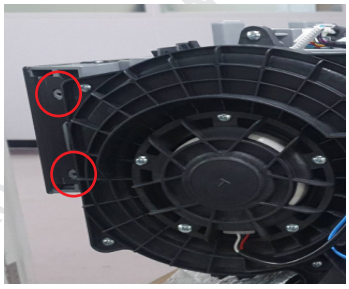
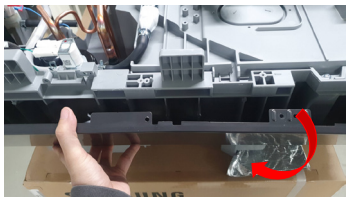
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Part	Figure	Description
INVERTER PCB EMI FILTER (WASHER)		1. Remove the 4ea screws holding the COVER BACK at the back of the washing machine and separate the COVER BACK pushing it downwards. (Assemble it by lifting it upwards)
		2. After disassembling the 2ea screws, Slide the pcb in the direction of the arrow.
		3. Disassemble the screw fastened to the PCB, Disassemble the connector of the arrow and take out the PCB.
		4. Pull the PCB forward.
		5. Remove the cover and remove all connectors in the figure.

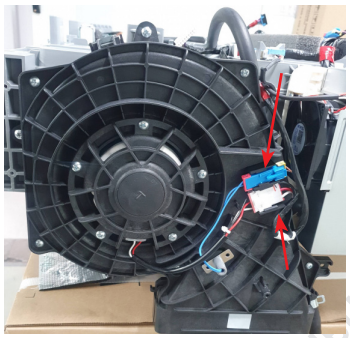
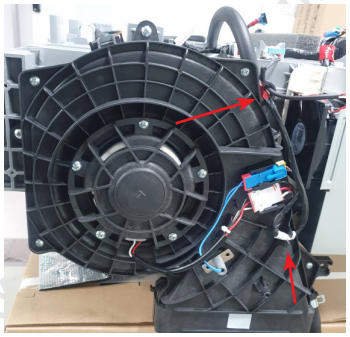
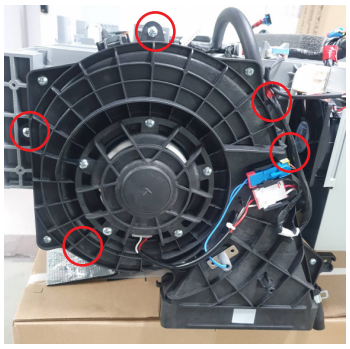
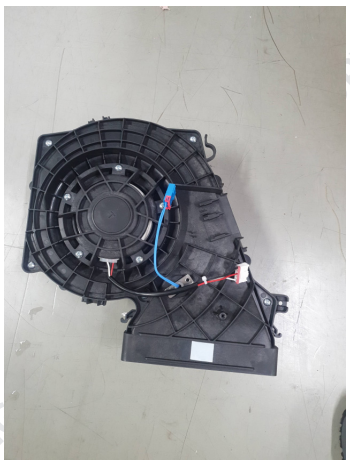
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Part	Figure	Description
MAIN PCB		1. Diassemble 1ea screw
		2. Hold the PCB and move it in direction 1. Then, pull it in direction 2 to release the hook.
		3. Pull the PCB forward.
		4. Remove the cover and remove all connectors in the figure.

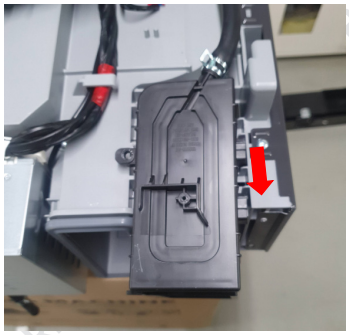
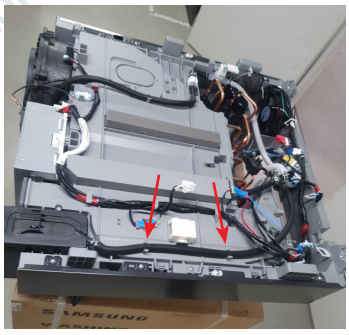
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Part	Figure	Description
FRAME L/R		1. Prepare the disassembled ASSY BASE.
		2. Remove 4ea screws.
		3. Remove 2ea screws.
		4. Hold the parts on top and tilt them while pulling them outside the product. (Remove both left and right sides in the same way.)

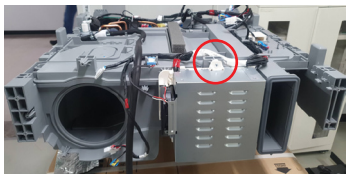
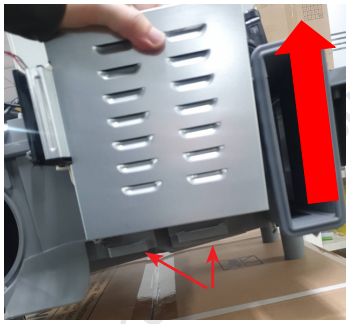
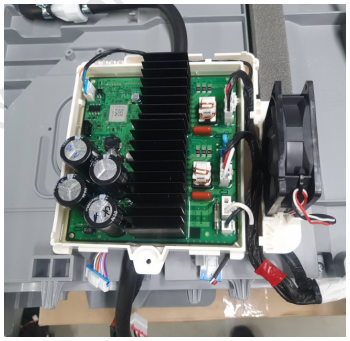
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Part	Figure	Description
ASSY DUCT SCROLL		1. Disassemble 2ea red connectors.
		2. Release the part where the wire is stuck.
		3. Disassemble 5ea screws.
		4. Disassemble the ASSY DUCT SCROLL.

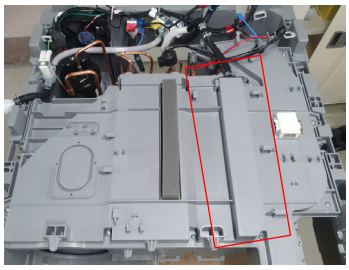
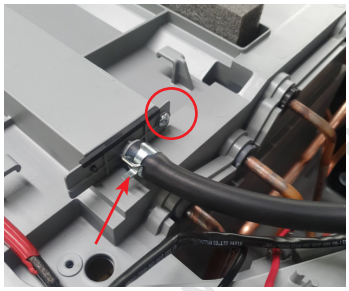
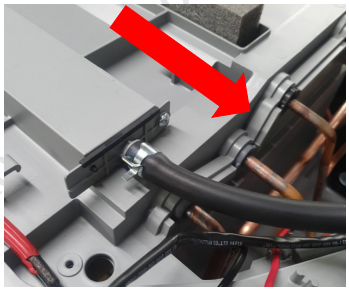
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Part	Figure	Description
ASSY HOUSING DRAWER		1. Remove 1ea screw.
		2. Grab the ASSY HOUSING DRAWER and pull it in the direction of the arrow. Make the hook fall out.
		3. Pull the hoses fixed with hooks and break them down.

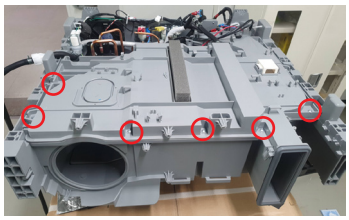
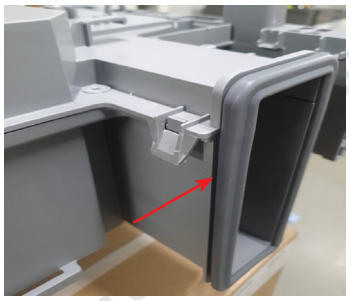
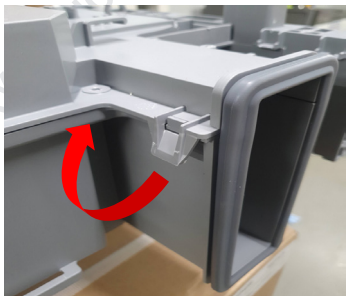
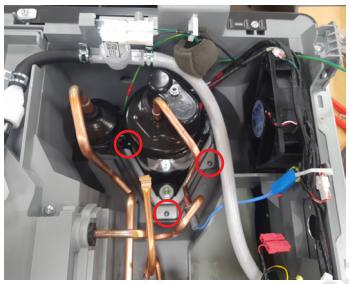
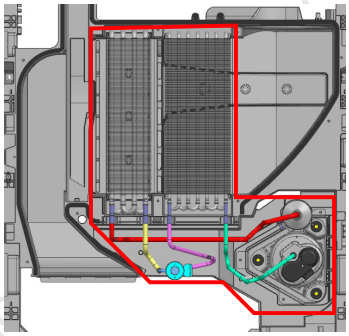
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Part	Figure	Description
INVERTER PCB (ASSY BASE)		1. Remove 1ea screw.
		2. Hold the INVERTER PCB and lift it up so that the hook below falls out.
		3. After disassembling the COVER, the connected connectors are disassembled.

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Part	Figure	Description
ASSY NOZZLE		1. Prepare the disassembled ASSY BASE.
		2. Remove 1ea screw. disassemble the clamp and hose.
		3. Hold the assy nozzle in your hand and pull it in the direction of the arrow.

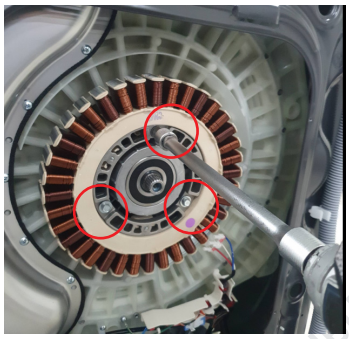
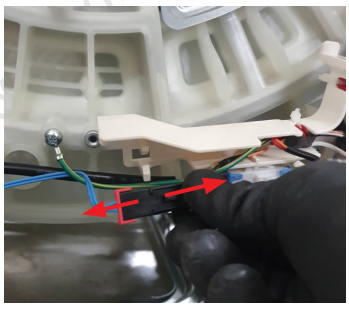
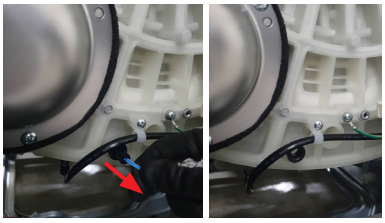
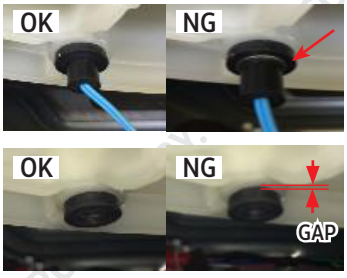
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Part	Figure	Description
ASSY COVER CONDENSER		1. Remove all screws connected to the ASSY BOTTOM.
		2. Remove the SEAL of the ASSY FILTER part. (Pull forward and you'll fall out.)
		3. Lift and release the connected hooks as shown in the figure.
ASSY CIRCULATION MODULE		Remove 3ea screws.
		Separate the Compressor and the Heat Exchanger from the Base.

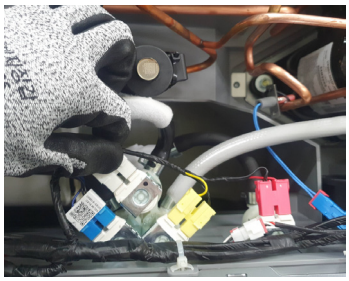
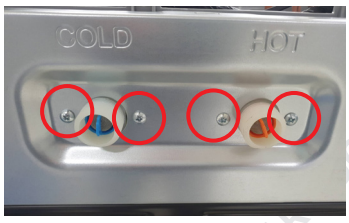
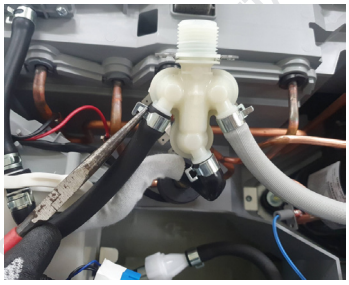
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Part	Figure	Description
Rear Motor		1. Remove the 4 screws holding the COVER BACK at the back of the washing machine and separate the COVER BACK pushing it downwards. (Assemble it by lifting it upwards)
		2. After separating the COVER BACK, remove the M19 nut holding the Rotor. To remove it, turn it counter-clockwise. As the Motor also rotates if the nut is turned slowly, torque it quickly and firmly in a single action. Do not remove the nut by inserting a screwdriver into the Motor, as this may result in a problem with the motor.
		3. Remove the M19 nut and washer and then separate the Rotor. Be careful to prevent any injuries when removing the Rotor . Due to the strong magnetic pull , when it reaches the end , it may release quickly . You can separate the connector by pressing
		4. Separate the Motor Wire while pressing the navel of the Housing.

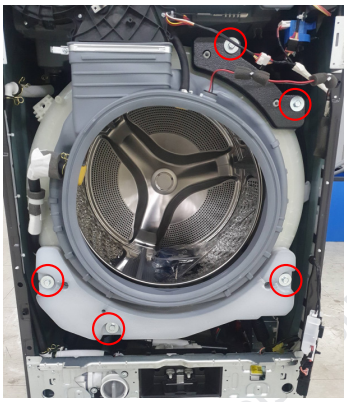
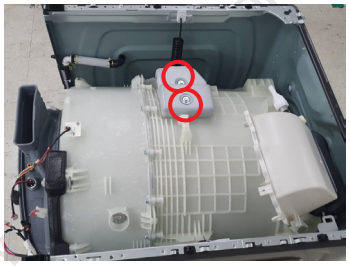
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<table>
<tr><th>Part</th><th>Figure</th><th>Description</th></tr>
<tr><td rowspan="2">Rear Motor</td><td></td><td>5. Separate the 3 M10 screws. → Separate the Assy Bracket Motor → Separate the Stator.
When removing the last of the 3 screws, hold the Stator as it may fall when the screws are removed.</td></tr>
<tr><td colspan="2">✓ Check Points for Troubleshooting
1. Check if there is any debris substance between the Rotor and the Stator.
2. Check if the motor power (Blue, White, Red) wire is connected.
The order of the motor wires is Blue, White, and Red from the right. Check if the resistance between Blue-White, White-Red, and Red-Blue is equal to 15Ω.</td></tr>
<tr><td rowspan="3">Thermistor</td><td></td><td>1. While pressing on the tab, separate the connectors .</td></tr>
<tr><td></td><td>2. Remove only the Thermistor from the Tub back and not the rubber bushing.</td></tr>
<tr><td>⚠ Caution
</td><td>1. When assembling ASSY THERMISTOR, push to the end. If assembling like NG picture, water leakage possibility is high.
2. When removing or re installing the Thermistor, make sure the rubber bushing is completely tight against the tub back to prevent any leaking.</td></tr>
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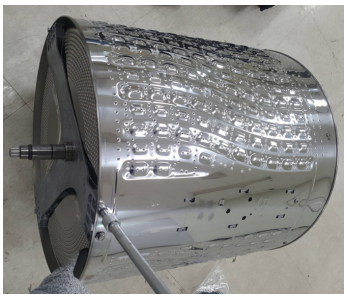
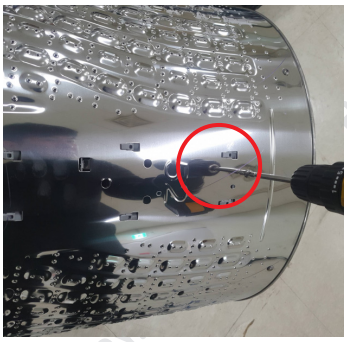
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Part	Figure	Description
Assy Door		1. Remove the 2 hexagonal screw holding the hinge door.
		2. Disassemble the ASSY DOOR by lifting upwards
Water Supply Valve		1. Disconnect the wire connector of the water supply.
		2. Remove the 4 screws holding the water supply valve.
		3. Remove the hose connected to the valves. (Use the pliers to remove the hose)

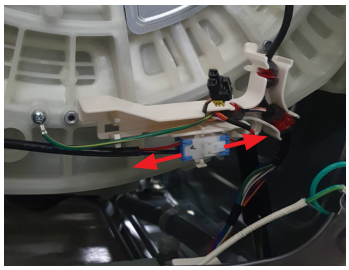
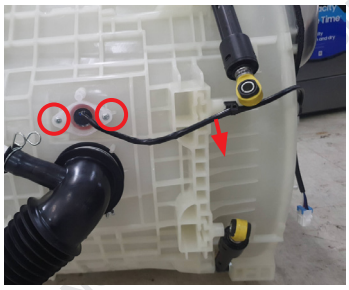
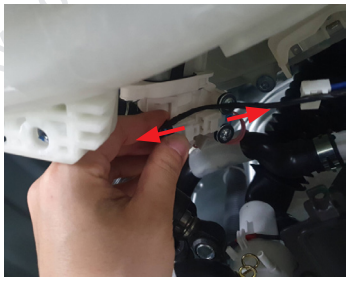
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Part	Figure	Description
Tub	 	1. Remove the 7- M13 Weight Balancer bolts that hold the Weights to the Frame. **NOTE** These bolts do not get re used. They MUST be replaced once they are removed.
		2. Remove 4 -M13 Damper bolts from the front and rear of the lower frame. 3. Remove all wire and hose connected to the ASSY-TUB.
		4. Grab to SPRING HANGER and separate the Spring to lift the ASSY TUB in front. (Two people required.)
		5. Remove the 6-M10 bolts from the middle of the TUB and separate the TUB-FRONT and the TUB-BACK.

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Part	Figure	Description
Drum		1. Separate the ASSY DRUM from TUB, remove 6 M10 bolts from the upper ASSY DRUM, disassemble the ASSY FLANGE SHAFT.
		2. Remove 3 screws from the outer sides and then remove the 3 DRUM-LIFTERS.
Heater at the Bottom Front	 	1. Disassemble the Front-Frame. 2. Separate the connection wire. - Separate the thermistor fixed at the bottom of the Tub. (Take precaution as there may be water remaining.) Make sure to separate the Thermostat first and then separate the Heater. If you fail to observe this order, it may result in a shock and be damaged. 3. Release the nut holding the Heater with an M10 tool and then separate the Heater. Do not completely release the nut. Pull the Heater forward after releasing the nut. If the Heater is damaged, it may cause a problem. Therefore unfasten the nut using spanner or wrench manually without using pincers or tweezers. When you reassemble the heater, make sure to install the Heater exactly onto the Bracket inside the Tub. If it is not properly installed, it may cause a fire. In addition, completely insert the packing part into the Tub when assembling it so that the packing part is completely attached onto the Tub. ※ When disassembling the heater wire, the connector rotates to 90 degrees to disassemble it.
	✓ **Check Points for Troubleshooting** 1. Check if the resistance of the Heater is equal to 27.1Ω (for the 1900W product), or 26.2Ω (for the 2000W product). 2. Check if the resistance of the Thermistor is equal to 12kΩ (at room temperature).	

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Part	Figure	Description
SENSOR PHOTO		1. While pressing the hook of the connector, pull it from side to side to disassemble it.
		2. Disassembly of 2ea SCREW at the bottom of the tub and Pull and disassemble the holder for fixing the wire like an arrow.
ASSY HOSE CONNECTOR (BUBBLE KIT)		1. While pressing the hook of the connector, pull it from side to side to disassemble it.
	 	2. Disassembly of 2ea screws at the bottom of the tub.

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4. TROUBLESHOOTING

4-1. Error modes

If you encounter a problem with the washer, first check the table below and try these suggestions.

Error Type	For USA	Causes	Remarks
Water Level Sensor	1C	- The part of the hose where the water level sensor is located is damaged (punctured). - The hose is clogged with foreign material. - The hose is folded. - Too much lubricant has been applied to the insertion part of the air hose. - Hose engagement error. (Disengaged) - Part fault. (Faulty internal soldering) - The water level sensor terminal is disengaged. - Main PBA fault.	
Motor Driving Error and Hall Sensor Error	3C	- The PBA connector terminal is not connected. - The motor spin net is not engaged. - The motor's internal coil is damaged. (short-circuited or cut) - The hall sensor terminal is not connected. - Foreign material (a screw) has entered the motor. - Motor overloaded due to too much laundry. (Non-sensing) - The motor hall sensor terminal is not connected. - PBA fault. - The motor driving error from the PBA is weak. Unstable relay operation, etc. - This occurs due to erroneous operating signals from the motor hall sensor. - The IPM terminal of the main PBA is not connected. - The DD motor cover is out of place. - The PCB housing terminal is not connected. - PBA fault. - DD motor fault.	This error occurs because of restrained revolutions. This error occurs when an interference is generated due to too much laundry, etc.
Water Supply Error	4C	- Foreign material is entering the water supply valve. - The water supply valve terminal is not connected. (Wire disconnected) - The warm water and rinse connectors are wrongly connected to each other. - This occurs if the PCB terminal from the drain hose to the detergent drawer is not connected. Check whether the Pressure hose is folded or torn. - Check whether Water supply hoses is kinked.	
	4C2	- The cold and hot water supply hoses are not connected correctly. - The water temperature is sensed as higher than 50˚C in the Wool or Lingerie courses.	
Drain Error	5C	- The pump motor impeller is damaged internally. - The wrong voltage is supplied to the parts. - Part fault. - This occurs due to freezing in the winter season. - The drain hose is clogged. (Injection error, foreign material) - The Drain Pump is clogged with foreign material : Rubber bands, coins, cotton, hair pins, etc. have collected inside the drain pump ASSY. - The water pump terminal is not connected.	
Power Error	9C1,9C2	- Check the consumer's power conditions. : Make sure to check the operating voltage. Connect a tester to the internal power terminals during the Sanitize Cycle and observe the washing machine's operation carefully. : Check the voltages. (An error occurs when under or over voltage is supplied.) : When the connecting wire is 1m, a momentary low voltage may drop up to 10V. - Main PBA fault (sometimes)	

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Error Type	For USA	Causes	Remarks
Communication Error	AC	- The signals between the sub and main PBAs are not sensed because of communication error. - Check the connector connections between the sub and main PBAs carefully. → Check for incorrect or loose connections, etc. - Remove the sub PBA C/Panel and check for any faulty soldering.	
	AC3	- The signals between the DR Module and main PBAs are not sensed because of communication error. - Check the connector connections between the DR Module and main PBAs carefully. → Check for incorrect or loose connections, etc. - Remove the DR Module and check for any faulty soldering.	
	AC4	- The signals between the WI-FI Module and main PBAs are not sensed because of communication error. - Check the connector connections between the WI-FI Module and main PBAs carefully. → Check for incorrect or loose connections, etc. - Remove the WI-FI Module and check for any faulty soldering.	
	AC5	- The signals between the LCD Module and main PBAs are not sensed because of communication error. - Check the connector connections between the LCD Module and main PBAs carefully. → Check for incorrect or loose connections, etc. - Remove the LCD Module and check for any faulty soldering.	
	AC6	- The signals between the Inverter PBA and main PBA are not sensed because of communication error. - Check the connector connections between the Inverter PBA and main PBA carefully. → Check for incorrect or loose connections, etc. - Remove the Inverter PBA and check for any faulty soldering.	
Switch Error (Main Relay Error)	BC2	- A switch is jammed or stuck due to be pressed unevenly due to deformation of the control panel or button. - This error may occur when the screws that hold the sub PBA in place are tightened too much. - A button other than the Power button is continually pressed. (for more than 30 seconds). - Deformation of an internal plastic injection part. - A screw for assembling the sub PBA is tightened too much.	
Door Error	DC	- A switch contact error because of a deformation of the door hook. - When the door is pulled by force.	When the door is not opened after the door open operation.
		- This occurs in the Boil wash because the door is pushed due to a pressure difference from internal temperature changes.	When the door is not locked after the door close operation.
	DC1	- The door lock switch terminal is connected incorrectly. - The door lock switch terminal is broken. - This occurs intermittently because of an electric wire leakage. - Main PCB fault.	
Heater Error	HC,HC1	- The washing heater is short-circuited or has a wire disconnected. - The washing heater in the tub has an error. (Contact error, temperature sensor fault.) - If the water level sensor operates without water because water is frozen or for any other reason and the temperature sensor engaged at the bottom to prevent overheating for the washing heater detects a temperature of 100 to 150 ˚C, the washing machine turns the input power off.	If the heater has no error, this occurs because of a PBA relay malfunction.

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Error Type	For USA	Causes	Remarks
Water Leakage Error	LC	- Heater engagement fault. (out of place) - The air hose is out of place and water leakage occurs during the spin cycle. - The tub back at the safety bolts fixing part is broken. - Water leakage occurs at the front with foaming because of too much detergent. - Water leakage occurs because the connecting hose to the detergent drawer is connected incorrectly. - The drain pump filter cover is engaged incorrectly. - Water leakage occurs at the drain hose. - The duct condensing holding screws are worn. - The nozzle-diaphragm is engaged in the opposite direction or the rubber packaging is omitted. - Water leakage occurs because the screws that hold the tub back and front in place are fastened incorrectly. - The leakage sensor is faulty.	
Overflow Error	OC	- Water is supplied continually because the water level detection does not work. - Because the drain hose is clogged and there is an injection error (at a narrow section), the water level detection does not work and water is supplied continually. - Water is supplied continually because of freezing or because there is foreign material in the water supply valve. - This error may occur when the water level sensor is degraded.	This error occurs because the water level sensor terminal is out of place.
Temperature Sensor Error	TC1	- The washing heater sensor in the tub has an error. (Contact error or temperature sensor fault) - The connector is connected incorrectly or is disconnected. - If the water level sensor operates without water because the water is frozen or for any other reason and the temperature sensor engaged at the bottom to prevent overheating for the washing heater detects a temperature of 100 to 150 ˚C, the washing machine turns the input power off.	Heater sensor fault : When the connector is connected incorrectly or has a wire disconnected or contact error
Unbalance Error	UB	- As laundry causes this error, check the laundry. - Find the reason for the unbalance and solve it as directed in the user manual.	
Foaming Detected	SUD	- This occurs when too much foaming is detected. It is also displayed while foaming is removed. When the removal is finished, the normal cycle proceeds. “Sud” or “SUdS” is displayed when too much foaming is detected and “End” is displayed when the removal of the foaming is finished. (This is one of the normal operations. It is an error for preventing non-sensing faults.)	
Mems Error Detected	8C1 8C2 8C	1. Check Unit for excessive vibration. 2. Replace Main PCB	
System Error	SF	- Micro Controller Operation Fail.	Replace Assy PCB.
Door Error (Drawer)	SDC	- The door lock switch terminal of Housing drawer is connected incorrectly. - The door lock switch terminal of Assy Housing Drawer is broken. - When the drawer is pulled by force - Main PCB fault	
Filter Error	NC	- The Filter Switch is connected incorrectly. - Check if the filter is insterted correctly, then tap “Start” to restart the washer. Or, Turn it off and on again after 2-3 minutes, then try again.	

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4-2. Error items and Diagnostic Codes

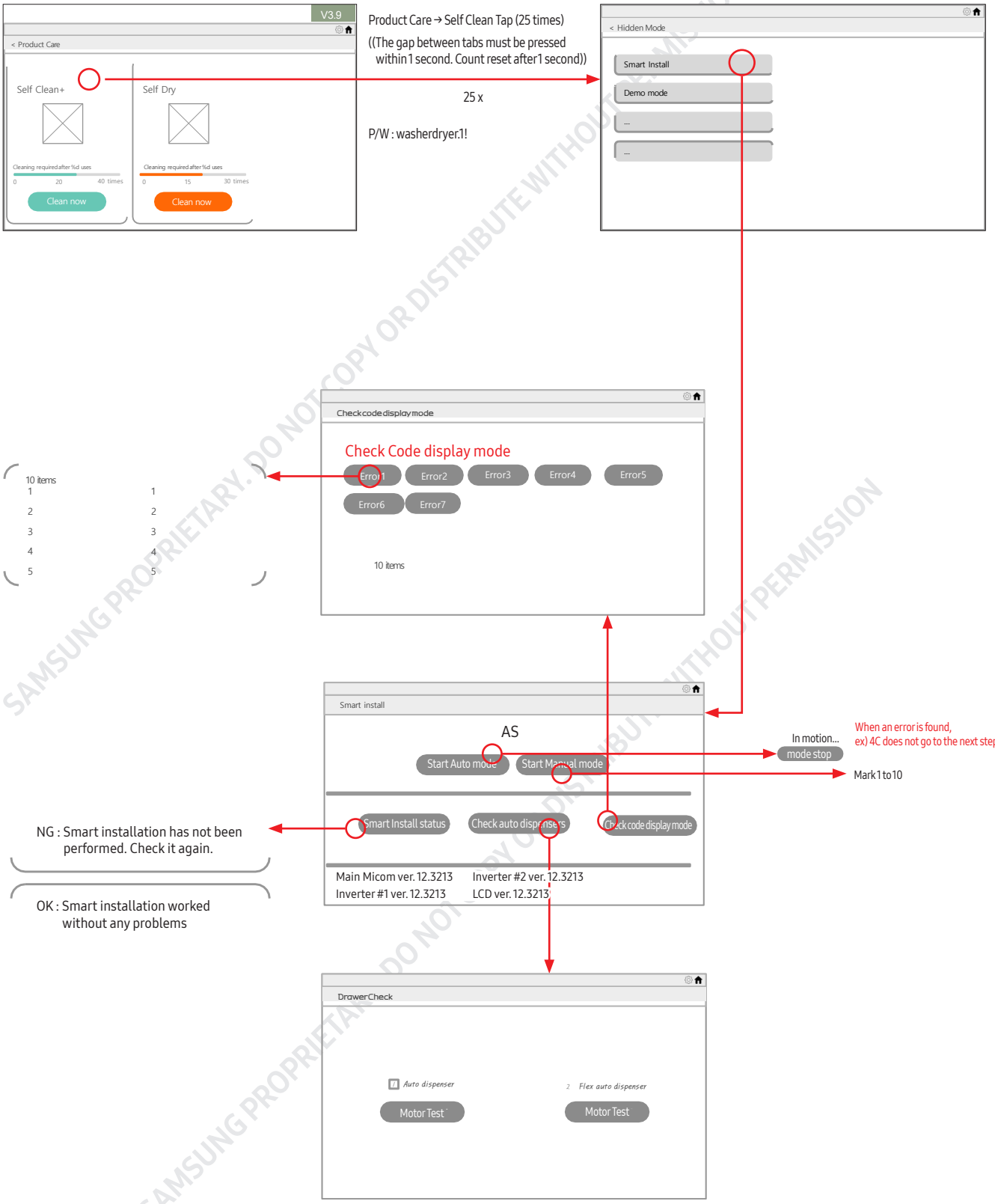
Error Display	Meaning	Action taken
tC	The resistance of DUCT THERMISTOR and DISCHARGE THERMISTOR exceeds 50 kΩ ± 7%.	• Clean the case filter • Check the resistance of DUCT THERMISTOR and DISCHARGE THERMISTOR.
dC	Dryer is operated while door is open.	• Close the door and try again. • Check if the wire terminals are loose in the door sensor circuit.
bC2	Button is pressed over 30 seconds.	• Check if there is any water on the window panel or if the connector connection with the rear PCB is normal.
HC	Compressor is overheated. The resistance of the EVA IN and EVA OUT thermistors deviates from 10 kΩ ± 3%.	• Check the resistance of the EVA IN and EVA OUT thermistors. • If there is no error, enter the line test mode.
5C	Overflow is detected three times in a row. Drain pump does not work.	• Empty the water tank. • Check the drain pump. • Check the overflow sensor.
AC	PBA Connection Error.	• Check the wire terminals between PBAs. • Check the PBAs.
3CA, 3CA1,3CA2, 3CA3,3CA4, 3CA5,3CA6, 3CA7,3CA8	Defective BLDC Comp. Incorrect connection of BLDC Comp. Defective Inverter PBA.	• Check the wire terminals between the PBA Connector and the Compressor. • Check if the Compressor is damaged. • Check if there is a short circuit in the PBA.
3C, 3C1,3C2, 3C3,3C4,	Defective BLDC Comp. Incorrect connection of BLDC Comp. Defective Inverter PBA.	• Check for any abnormal connector terminal pins. • 3C1 is displayed when overloading occurs due to too much laundry. • Check if motor is damaged. • Check if motor belt connection is normal. • If there are defects in the PBA, replace the PBA.
9C1,9C2	Defect in power. Supplied Voltage is either too low or too high. Plug outlet used. Defective Inverter PBA.	• Check the used power status. • Check the operating voltage. • Connect the tester to the internal power supply terminals during operation and carefully observe the operation of the dryer. • Check the voltage. (Error will occur if supplied voltage is too low or too high.) • Check whether plug outlet is used. When the connecting wire is 1M long, instantaneous voltage drop to 10V may occur. • If there are defects in the inverter PBA, replace the PBA.
AC6	Connection error between Main & Inverter Micom	• Check if the status LEDs around the Micom are normal. • Replace the communication circuit between the Micom and Micom if there are defects.
dC1	Door Lock does not work when it should be locked (when operated) Door does not unlock when it should be unlocked (when stopped)	• Check if the door closes normally. • Check if the door is sagging, and if it is, check the condition of the parts near the hinge. • Check the CAM status of the door lock switch. • Check if the CAM is damaged or rotated. • Check the LEVER DOOR. • If the problem is not caused by door sagging, door lock switch CAM, or LEVER DOOR, replace the door lock switch because it is defective.
dC2	If the Door Lock/Unlock is excessively operated while in the Door Lock state, such as forcefully opening the door	
NC	Filter is not inserted. If the magnet of filter module is not detected	• Insert the dryer filter and operate it. • Check if there is a magnet inside the dryer filter. • If the problem remains unresolved, it may be a PBA defect.

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Error Display	Meaning	Action taken
NC2	If the heat exchanger protective cover is not inserted If the magnet of the heat exchanger protective cover is not detected	• Insert the heat exchanger protective cover and operate it. • Check if there is a magnet inside the heat exchanger protective cover. • If the problem remains unresolved, it may be a PBA defect.
NC3	If the dehumidifying kit is not inserted If the magnet of the dehumidifying kit is not detected	• Insert the dehumidifying kit and operate it. • Check if there is a magnet inside the dehumidifying kit. • If the problem remains unresolved, it may be a PBA defect.
ULC	If the foam is detected during the dehumidification course	• Remove the foam inside the dryer and run the dehumidification course. • Check if there is water or a magnetic substance attached to the Touch Sensor inside the dryer and remove it if present. • If the problem remains unresolved, it may be a PBA defect.
TCH	If the resistance of the temperature and humidity sensor located on the left side of the panel is too low or high:	• Check the resistance of the temperature and humidity sensor
DC5	Auto-open Door Operation Failure	• Ensure that there is enough space for the door to open. Wait for the automatic door opening function to work properly. If the problem remains unresolved, it may be a door component or PBA defect.
TC5	If the resistance of the discharge refrigerant thermistor is out of 50 kΩ ± 7%	• Check the resistance of the discharge refrigerant thermistor and the connection of the connector.
TC7	If the resistance of the Eva In thermistor is out of 10kΩ ± 3%	• Check the resistance of the Eva In thermistor and the connection of the connector.
TC8	If the resistance of the Eva Out thermistor is out of 10kΩ ± 3%	• Check the resistance of the Eva In thermistor and the connection of the connector.
TCA	If the resistance of the compressor top thermistor is out of 200kΩ ± 3%	• Check the resistance of the compressor top thermistor and the connection of the connector.
TCB	If the resistance of the heater thermistor is out of 238.23kΩ ± 7.5%	• Check the resistance of the heater thermistor and the connection of the connector.

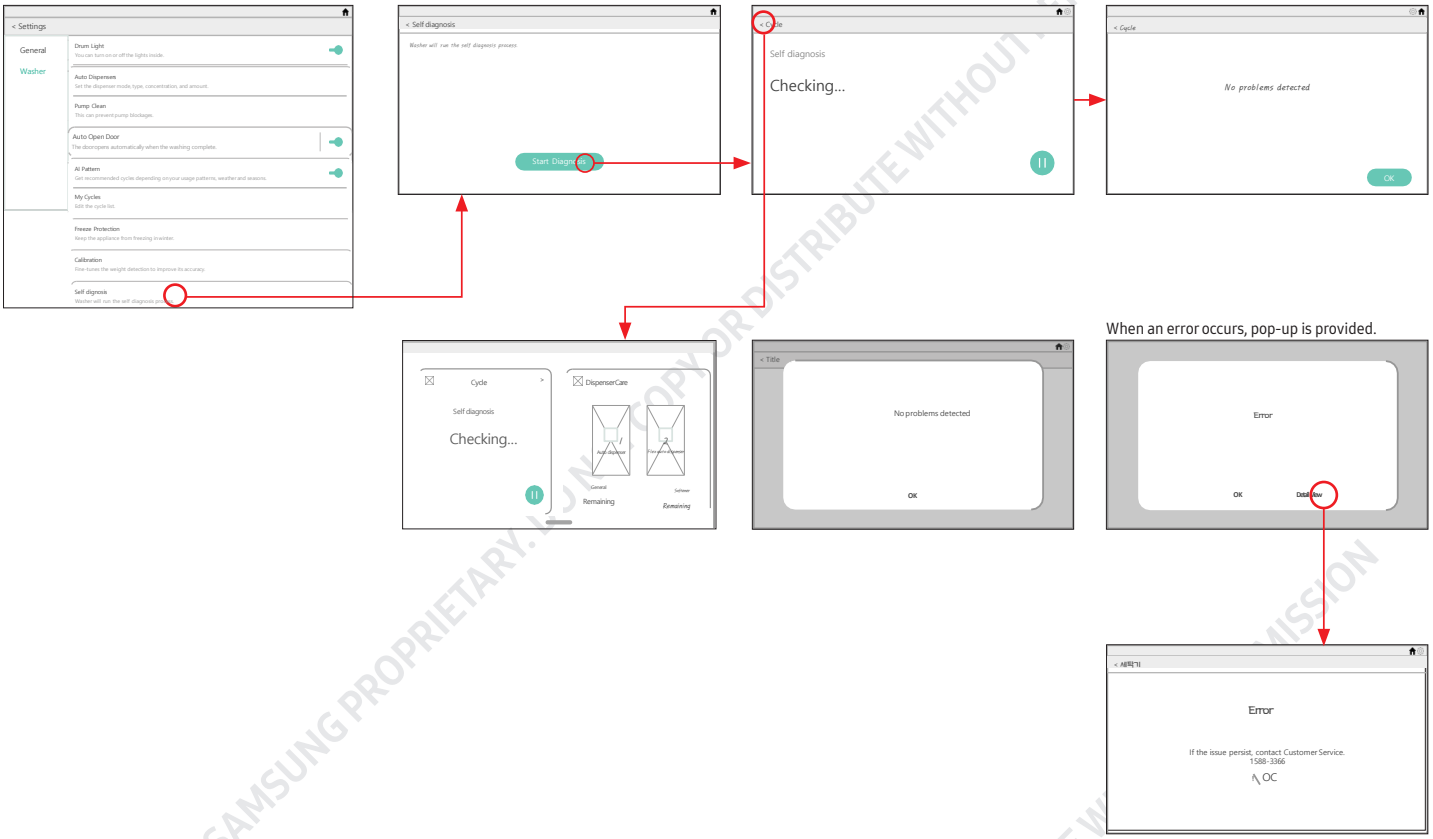
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4-3. Smart Install



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■ SelfDiagnosis



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■ Automatic Mode of Smart Install

- Automatically start all operation modes of Smart Install.

■ Manual Mode of Smart Install

- Under the condition of manual mode, every time when "Start Manual mode" is pressed, next step will be entered.
- Contents like washings, etc. are not allowed in the drum.

Operation mode	Description	Operation mode	Description
1	carry out test for machine door locking	7	carry out test for operation of drainage pump
2	carry out test for drainage pump operation	8	carry out test for operation of dehydration
3	carry out test for operation of preparatory valve	9	carry out test for operation of drying heater and drying fan
Co	carry out test for operation of cold water valve	10	carry out test for operation of machine door
Ho	carry out test for operation of hot water valve	OK(Ot)	Automatic mode of Smart Install is completed normally
6	carry out test for operation of water shot valve		
	carry out test for operation of washing heater		
	carry out test for operation of rinsing		

※ Accessories not included in the product are not required to check and they can be skipped directly.

■ Identity of Smart Install completion

- After Smart Install is completed normally, 『OK(Ot)』 identity will display.
- If Smart Install is completed abnormally or Smart Install fails to work, 『nG』 identity will display.

■ Result Enquiry of Automatic Mode of Smart Install

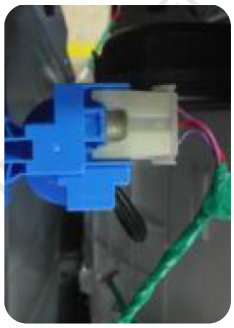
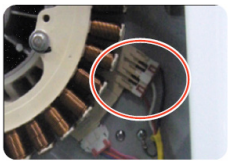
- If automatic mode result is in normal condition, 『OK(Ot)』 identity will display.
  If automatic checking mode fails to complete normally or fails to execute, 『nG』 identity will appear.

■ Diagnosis Information Display Mode

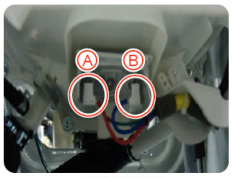
- Under the condition of appearance of 『AS』 identity, if the first button on the right at the bottom is pressed, 『CR』 identity will appear and diagnosis information display mode is entered.
- Under the condition of appearance of 『CR』 identity, turn the jog dial control switch clockwise, diagnosis codes generated before will display 7 digits at most.

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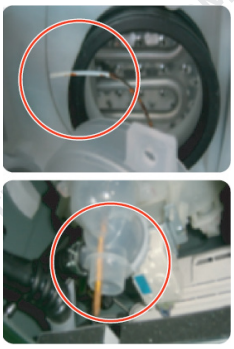
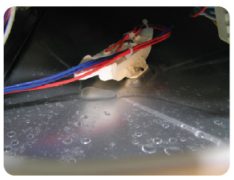
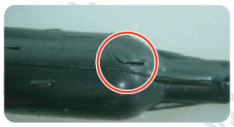
4-4. Corrective actions for each error code

Error Type	Error Mode	Causes	Corrective Actions	Description of Photo	
Water Level Sensor	1C	• Water level sensor fault • Incorrect connections of the water level sensor terminal • The hose part for the water level sensor is folded. • Main PCB fault	• Check the water level sensor terminal connections and contacts. • An error occurs if an incorrect water level sensor is used. Make sure to check the material code. (Abnormal operation) • If the water level sensor is faulty, replace it. • If the error persists despite taking the action above, replace the PBA.		Check the water level sensor frequency. - Check it after the water level sensor and the connector are connected. ◆ Checking Part : Pink Color Wire Orange Color Wire. - Frequency : Approx. 25.5 KHz with no load
Washing Motor Error	3C	• Washing motor fault • Incorrect connections of the washing motor • Washing motor rotor and stator fault • Main PCB fault	• Check the motor connector terminal connections and contacts. 3E is displayed because overloading occurs due to too much laundry. • Check whether the stator of the motor cover is damaged. • Check for coil disconnections due to foreign material. • If the PBA control circuit is faulty, replace the PBA.		▶ **Check the motor Winding Coil** Plug out the connector and read resistances at any two of the three terminals on Motor : Should be 6.0 Ω (at 25°C)
Communi-cation Error	AC	• The signals between the sub and main PBAs are not sensed. • Incorrect wire connections between the sub and main PBAs.	• Check the wire connections and terminal contacts between the sub and main PBAs. • Check for disconnected wires. Check whether the sub PBA is short-circuited because of moisture. • If the main PBA's communication circuit is faulty, replace it.	-	

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Error Type	Error Mode	Causes	Corrective Actions	Description of Photo	
Door Error	DC	• Door switch fault • Main PCB fault	• If a DC error occurs, check whether it occurs during the Boil cycle. - If it is detected that the door is open, close the door. • The 120V is directly connected to the door. • Check and repair the power wire connections and insulation state. • Check the door switch. Replace if faulty. • Check the main PBA door sensing circuit. Replace if faulty.		▶ **TYPE 1** Check the door switch Resistance. The resistance of 1 and 3 Pin Must be approximately 175Ω.
	DC1				▶ **TYPE 2** Check the door switch Resistance. The resistance of 2 and 3 pin of the DOOR LOCK SWITCH must be approximately 60~90Ω (In state of pushing slider)
					▶ **TYPE 3** The resistance of No.2 and 3 of the DOOR LOCK SWITCH must be approximately 65~75Ω (In state of pushing slider)
Heater Error	HC, HC1	• Disconnection wire • Heater fault • Wash-thermistor fault	• Check for connection between wire and heater. • If wash heater is faulty, replace it. - Refer the TYPE 1 • If it is not problem in heater, replace wash-thermistor - Refer the TYPE 2	 **[FRONT]**	▶ **TYPE 1** Check the resistance between A and B. It should be 16.05±0.65Ω.
				 **[BACK]**	▶ **TYPE 2** If TYPE 1 is OK, Change a wash-thermistor at back of Tub.

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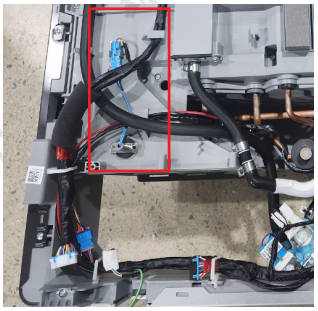
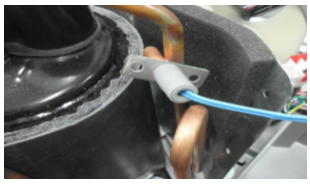
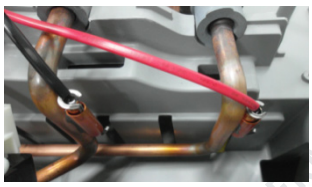
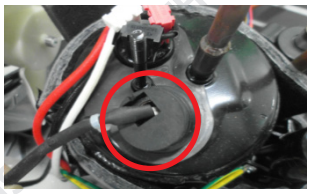
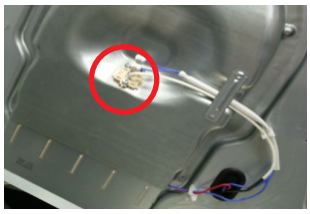
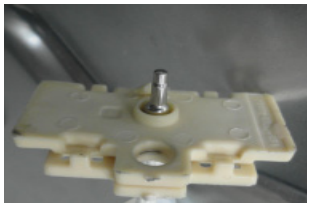
Error Type	Error Mode	Causes	Corrective Actions	Description of Photo	
Water Leakage Error	LC	• Check for any leakage. • Foreign material in the DV case • Fault of a hose or incorrect part engagement in the product	• Check for any leakage on the base, Hose, Valve and Tub connections and take any required action. • During natural draining, this error occurs because the drain bellows are clogged with foreign material. Remove the foreign material. • Check the drain motor operation. Replace if it does not operate normally.		▶ **DRAIN PUMP TYPE** (Automatic Drainage) Check whether there is any foreign material in the bellows. ◆ Check for any foreign material, such as underwear wires or coins.
					▶ **PUMP TYPE** Check for any leakage on the base, Hose, Valve and Tub connections.
Overflow Error	OC	• Water level sensor fault • Freezing in the winter season	• If the water level sensor has a functional error, replace it. • Check the hose. This error occurs if it is torn or has a hole. • This error occurs if water is frozen in the winter season. Use hair dryer to defrost hose. Consider relocating the unit to warmer location.		Check the hose connected to the water level sensor. ◆ Check whether the hose is folded, cut, or damaged.
Temperature Sensor Error	TC1	• Washing temperature sensor fault • Main PCB fault • Freezing in the winter season	•Check the connections for the washing heater temperature sensor connector. • If the washing heater temperature sensor has a functional error, replace it.	-	

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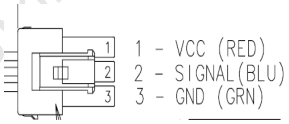
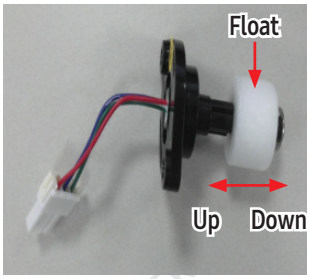
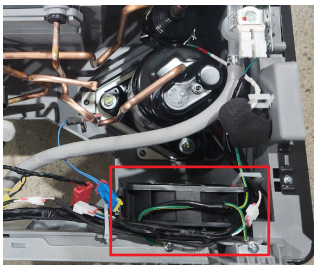
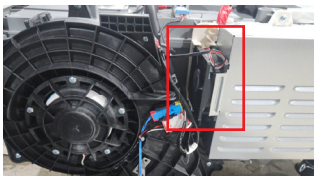
Error Type	Error Mode	Causes	Corrective Actions	Description of Photo
Unbalance Error	UB	• Caused by the laundry contents	• Check the type of laundry. • Check whether they may cause an unbalanced situation. - Educate the consumer to press pause. Reposition the load or remove a few items. • Press start to continue and complete the wash cycle.	-
	UB1	• Caused by the tarpaulin ex) waterproof flat cover...		
Power	9C5	• Abnormal current sensing defect in ready state which is not operating motor (sometimes)	• Check the consumer's power conditions. : Make sure to check the operating voltage. • If the PBA Control circuit is faulty, replace the PBA • After eliminating PBA, Check the AC Connector wheather it is shorted, or not just replacing Main PBA • After eliminating PBA, Check the motor connector, if motor is shorted, replace the motor and PBA, if not just replacing Main PBA (sometimes)	-
	9C9	• The ambient temperature overheating of IPM. Power turn off by main relay off operation. • PBA Defect		

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4-5. Component Testing Procedures (ohm-meter)

No.	Parts	Contents	Testing
1	DUCT THERMISTOR DISCHARGE THERMISTOR	Check resistance 50 kΩ±7% @ 25°C (77°F) (2P-1,2 wire)	 
2	EVA IN THERMISTOR EVA OUT THERMISTOR	Check resistance 10 kΩ±3% @ 25°C (77°F) (4P-1,2 wire/3,4 wire)	
3	COMP TOP THERMISTOR	Check resistance 200±3% kΩ @ 25°C (77°F) (2P-1,2 wire)	
4	HEATER THERMISTOR	Check resistance 3.16kΩ±3% @ 150°C (4P-1,4 wire) Check resistance 238.23kΩ±7.5% @ 25°C	 

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No.	Parts	Contents	Testing
5	HEATER	Inspection resistance 35.6 ~ 39.4Ω (3P-1,3 wire)	
6	FLOAT SENSOR	After applying DC5V voltages 1 and 3 Voltage measurements two and three. - Top of float: "OL" - Bottom of float: "5V" 	 
7	PUMP MOTOR	Check resistance 330Ω (Operation guarantee up to ±15% voltage of rated 220V)	
8	FAN MOTOR (COMPRESSOR)	After applying voltage (DC 12V RED - BLACK Wire) Check fan operation and square wave (White-Black wire) + : Red wire - : Black wire s : White wire	
9	FAN MOTOR (INVERTER) (FRAME BACK)	After applying voltage (DC 12V) Check the operation of the fan. + : Red wire - : Black wire s : White Wire	 

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4-6. Q & A

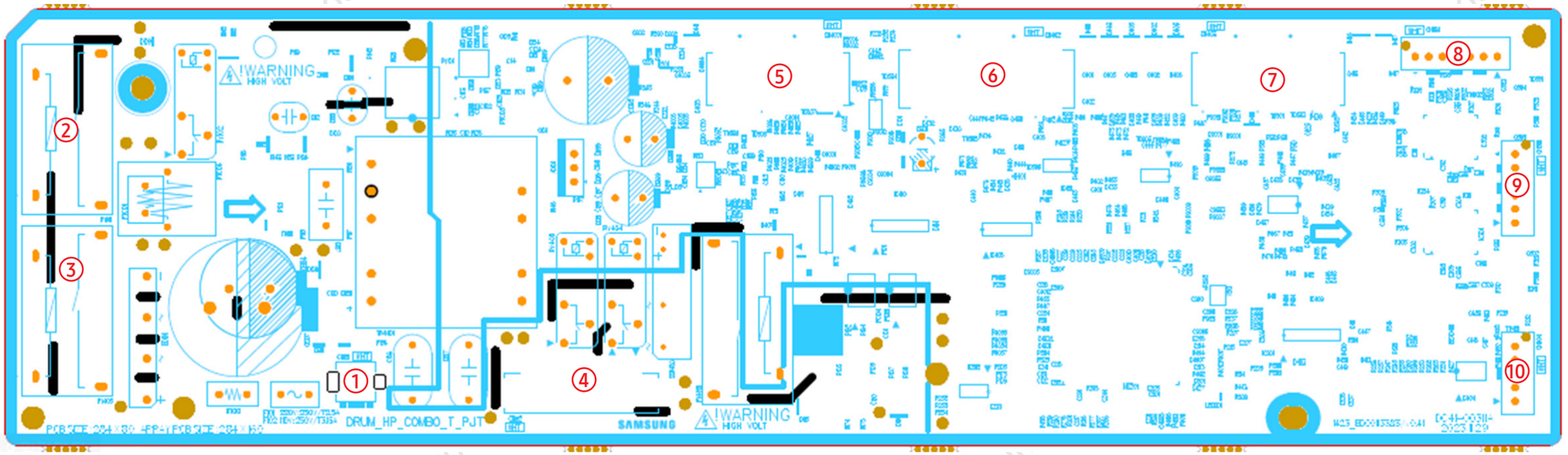
Q. What does it mean when chasing light appear in the display?	A. The chasing lights appear in the display when Wrinkle Prevent is selected. This lets you know that the dryer is tumbling intermittently for 95 minutes with room temperature air after the cycle is complete to reducing wrinkling. The load is dry and can be removed at any time during Wrinkle Prevent.
Q. Why is the estimated drying time so long?	A. The initial estimated drying time will be longer because the dryer has not yet detected the amount of moisture in the load. After the dryer has been running for several minutes, a more accurate estimate will be displayed. Remember, the times are estimated. The actual drying time may be longer or shorter, depending on the load.
Q. My dryer seems to run longer than I expect. Why?	A. The dryer automatically senses the dryness level of load. Be careful to avoid overloading your dryer. For best drying results, avoid mixing heavy and lightweight items in the same load.

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5. PCB DIAGRAM

5-1. MAIN PBA (WASHER & DRYER)

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Location	Part No.	Function	Description
1	CN101	PBA Power Supply	Supply AC power.
2	RY101	Main Relay	Be Supplied PBA power when the Power button is pressed.
3	RY403	Washing Heater Relay	The switch for the Washing Heater power.
4	CN102	Load Connection Connector	AC Pump, Door Lock, Thermo Actuator Control
5	CN4001	Inverter(Dryer) Communication & Sensor Connector1	Dryer Inverter PBA Communication, Temp Sensor, EEV Control
6	CN402	Display Communication & Sensor Connector 2	Display PBA Communication, Valve, Leakage Sensor, Water Temp, Drum Light Sensing
7	CN403	Inverter(Drum) Communication & Sensor Connector 3	Drum Inverter PBA Communication, MEMS, Turbidity Sensor, Auto Door Open Check, Detergent Sensing
8	CN801	Touch Connector	Touch Communication
9	CN301	Pump Connector	Pump U,V,W Control
10	CN404	Doorlock Connector	DC Door Lock Control

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■ CONNECTOR & RELAY TERMINAL DESCRIPTION (MAIN PBA)

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2. RY101
1. AC-(N)
2. Main Relay power (N

5. CN4001

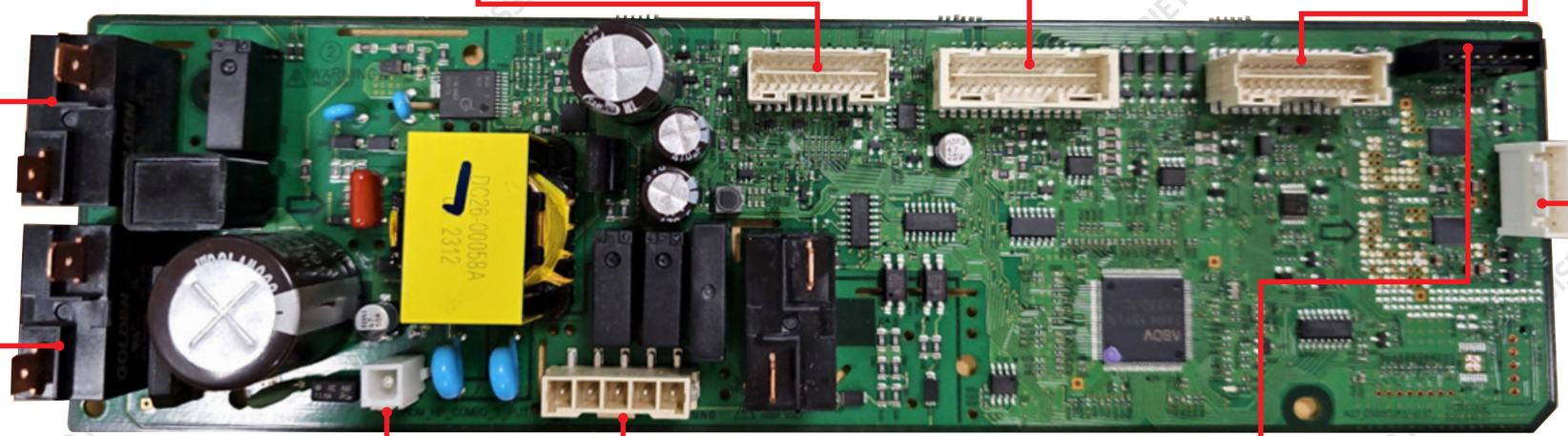
1. Fan IPM Out	2. Tx to Inv(Dryer)
3. Fan IPM Check	4. Rx to Inv(Dryer)
5. SGND	6. SGND
7. Dryer Temp Comp Top	8. Main Relay Emergency
9. Dryer Temp Discharge	10. SGND
11. Dryer Temp EEV Out	12. Dryer EEV X1
13. +5V	14. Dryer EEV Y1
15. Dryer Duct In Temp	16.Dryer EEV X2
17. Dryer Temp EEV In	18.Dryer EEV Y2
19. Dry Duct Out Temp	20.+12V
21. Dryer Filter Check	22. Fan Comp Out
23. Dryer Filter Check	24. Fan Comp Check

6. CN402

1. Leakage Sensor	2. Cold Valve
3. Door Open Close	4. Hot Valve
5. Water Temp	6. Pre Valve
7. SNGD	8. Water Shot
9. Drum Light Out	10. Safety Valve
11. Drum Light Check	12. Valve Current
13. Rx from Display	14. Water Level 1
15. Tx To Display	16. SNGD
17. Display Reset	18. Wter Level 2
19. +5V_ON	20. +5V
21. SNGD	22. Rx from Test
23. +12V_DSP	24. Tx To Test
25. Power Button	26. SNGD
27. AOD Button	28. Boot

7. CN403

1. MEMS2_CS	2. +3.3V MEMS
3. TMR Sensor	4. MEMS CS
5. Turbidity Sensor Power	6. MEMS SDO
7. SNGD	8. MEMS SDI
9. Turbidity Sensor PWM	10. MEMS CLK
11. Turbidity Sensor ADC	12. SGND
13. Auto Door Out	14. SD MOTOR A
15. SGND	16. SD MOTOR B
17. Auto Door Check	18. SD MOTOR COM
19. Tx To Inv(Drum)	20. Detergent Sensor1
21. Rx From Inv(Drum)	22. Detergent Sensor 2
23. SNGD	24. SD Drawer Sensor
25. Main Relay Emergency	26. SGND



3. RY403
1. AC-(L)
2. Wash heater

1. CN101
1. AC-(L)

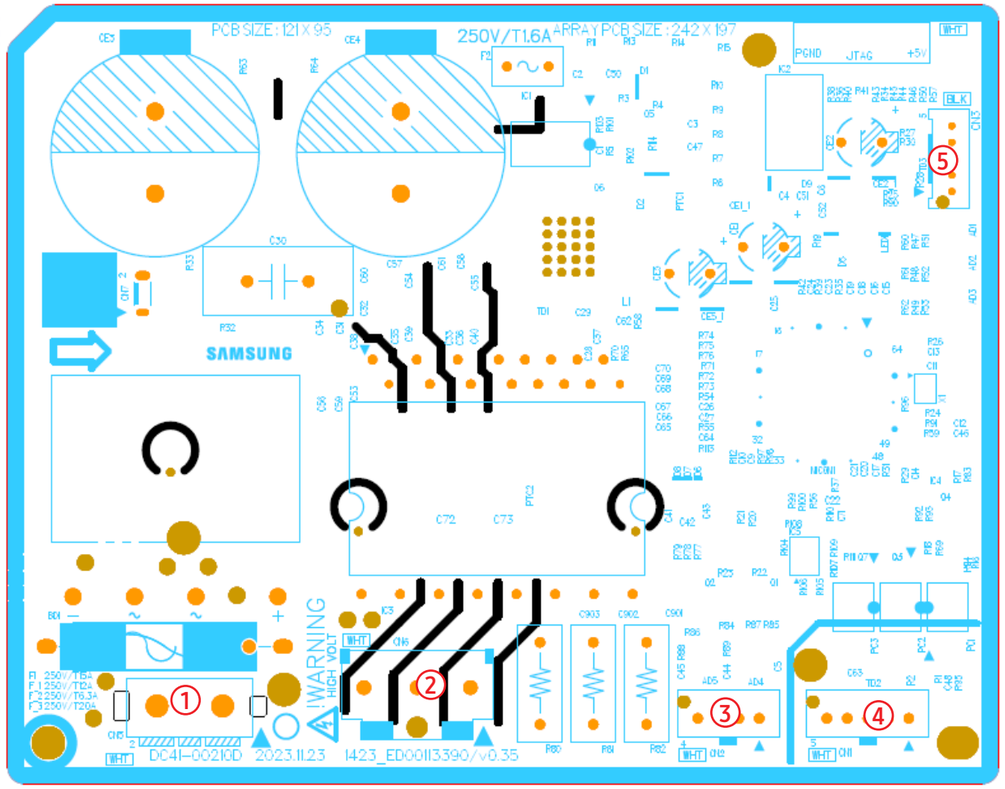
4. CN102
1. AC Pump
2. Door Lock
3. Thermo Actuator
4. NC
5. AC Door Lock Check
6. SGND

8. CN801
1. +12V
2. Tx To Touch
3. Rx From Touch
4. SNGD
5. Touch Reset
6. Power Button
7. LCD Wake Up

4. CN301
1. PUMP U
2. PUMP V
3. PUMP W
4. CIR PUMP U
5. CIR PUMP V
6. CIR PUMP W

■ INVERTER PBA (1-INV PBA)

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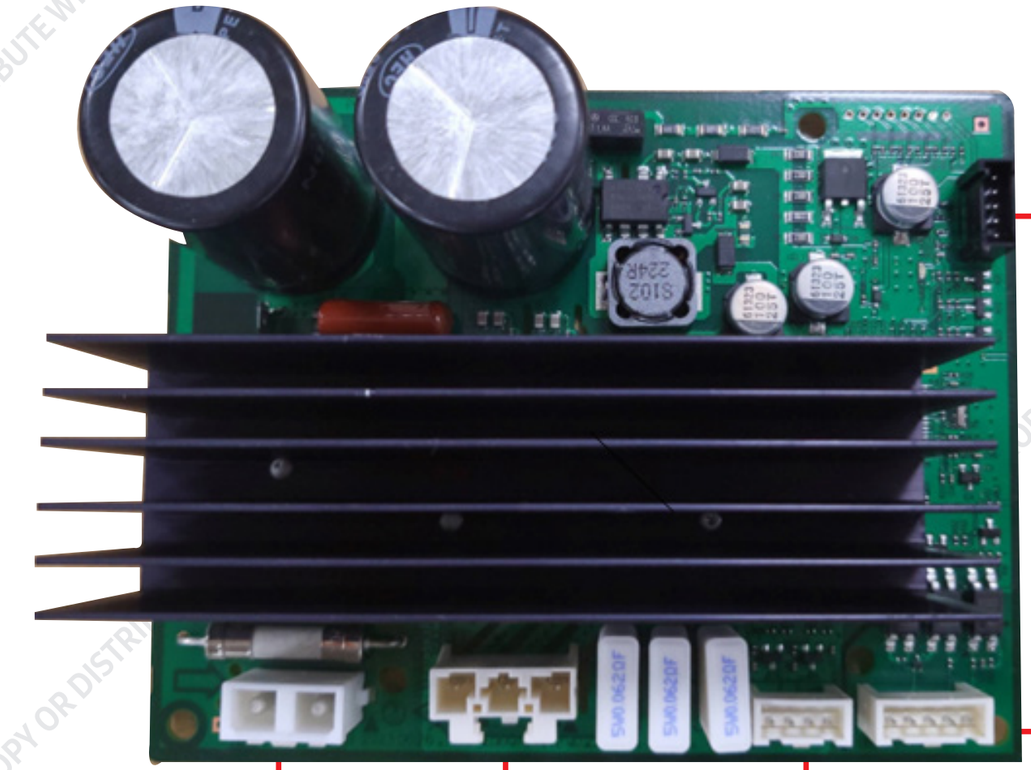


Location	Part No.	Function	Description
1	CN5	PBA Power Supply	Supply AC power.
2	CN6	Drum Motor Load Connector	Motor U, V, W Load
3	CN2	Hall Sensor Connector	Hall sensor Control
4	CN1	Main Communication Connector	Main PBA Communication
5	CN3	SW Download Connector	SW update

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■ CONNECTOR & RELAY TERMINAL DESCRIPTION (1-INV PBA)

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5. CN3
1. 5 V
2. RX_Flash
3. TX_Flash
4. GND
5. FlashWr_BOOT

4. CN1
1. RXD
2. TXD
3. GND
4. MAIN_RU_EMG_1
5. NC

1. CN5
1. AC-(N)
2. AC-(L)

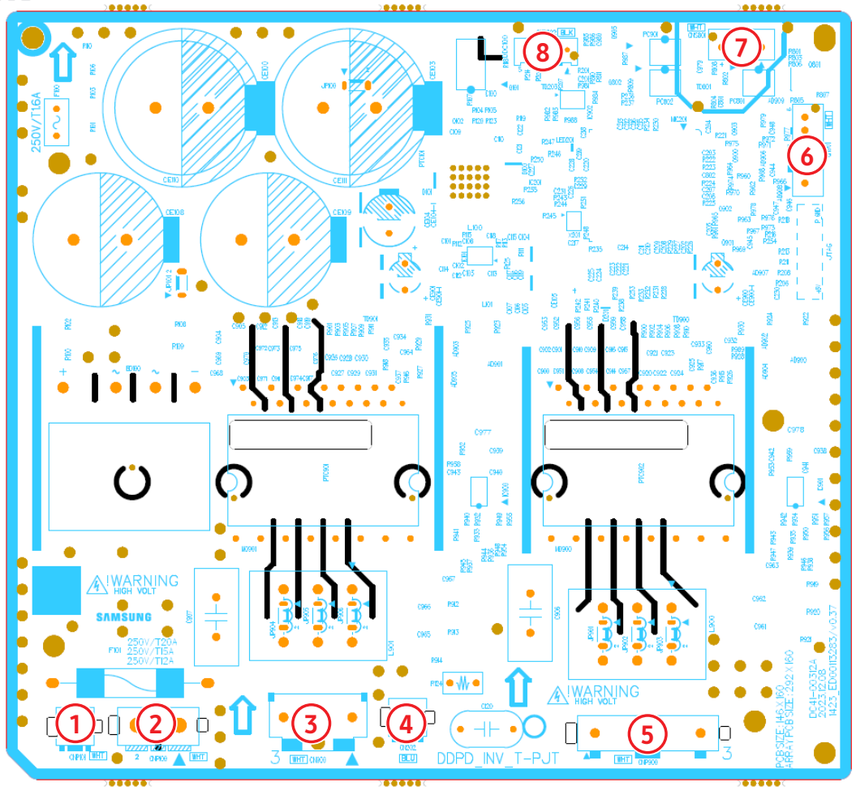
2. CN6
1. Motor U
2. Motor V
3. Motor W

3. CN2
1. 5 V
2. A-Phase
3. B-Phase
4. GND

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5-2. INVERTER PBA (2-INV PBA)

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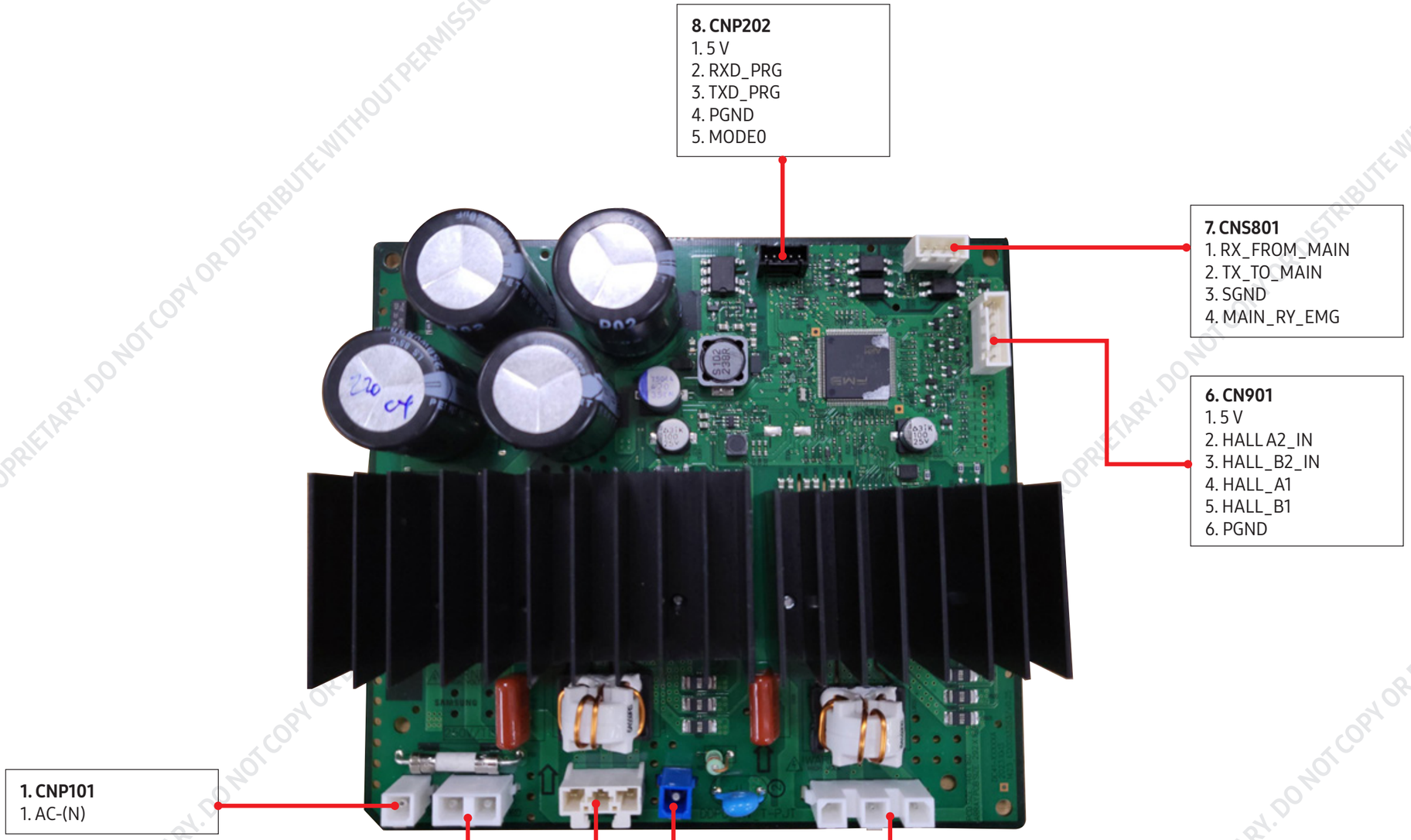


Location	Part No.	Function	Description
1	CNP101	PBA Power Supply	Supply AC power.
2	CNP100	PBA Power Supply	Supply AC power.
3	CN900	Comp Load Connector	Comp U, V, W Load
4	CN202	EMI Connector	P_GND - GND_EARTH Connection
5	CNP900	Fan Load Connector	Fan U, V, W Load
6	CN901	Hall Sensor Connector	Hall Sensor Control
7	CNS801	Main Communication Connector	Main PBA Communication
8	CNP202	SW Download Connector	SW update

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■ CONNECTOR & RELAY TERMINAL DESCRIPTION (2-INV PBA)

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■ CONNECTOR & RELAY TERMINAL DESCRIPTION (LCD PBA)

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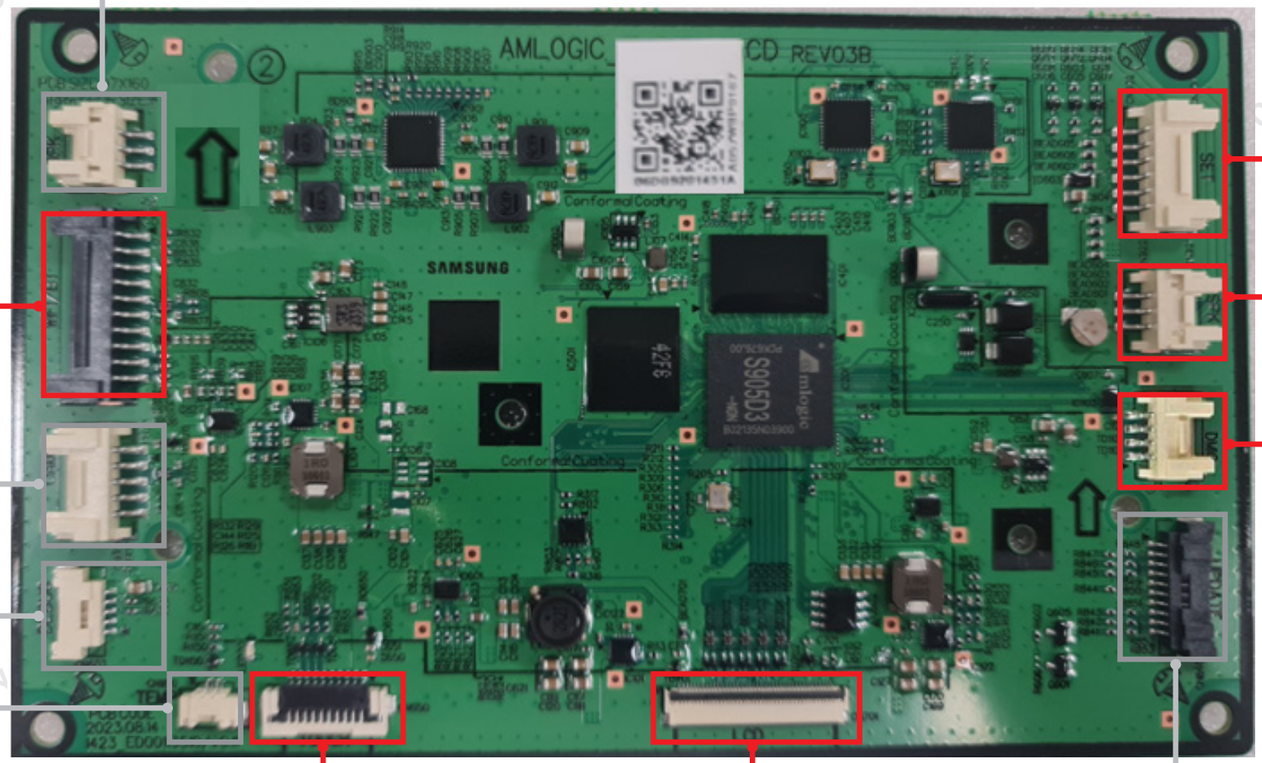
► **CN1101**
N/A

► **CN831(WIFI CONNECTOR)**
1. BT_WAKE
3. WIFI_USB_SUSPEND
4. GND
5. WIFI_USB_DP_OUT
6. WIFI_USB_DM_OUT
7. GND
8. 5V
9. WIFI_WAKEUP
10. WIFI_RESET

► **CN1801**
N/A

► **CN603**
N/A

► **CN1150**
N/A



► **CN1601(MAIN CONNECTOR)**
1 : UART_SET1_TX
2 : UART_SET1_RX
3 : 12V
4: GND
5 SET_RESET
6 :SET_WAKE

► **CN921(SPEAKER)**
1 : MW_L-_AO
3 : MW_L+_AO

► **CN1101(DIGITAL MIC)**
1 : GND
2 : DMIC_DAT1
3 : DMIC_CLK1
4: 3.3V

► **CN650(TOUCH)**
1,2 : 3.3V
4,5 : GND
6 : I2CAO_Touch_SCL
7: I2CAO_Touch_SDA
8: TOUCH_nRST
9: Touch_INT

► **CN701(LCD MIPI)**
1~7 : 5V
9,10,13, 16,19,22,25,:27,28,29,30,3
3,34,36,37,38,39,40 GND
35 : LCD_BL_PWM
ETC : DATA

► **CN840**
N/A

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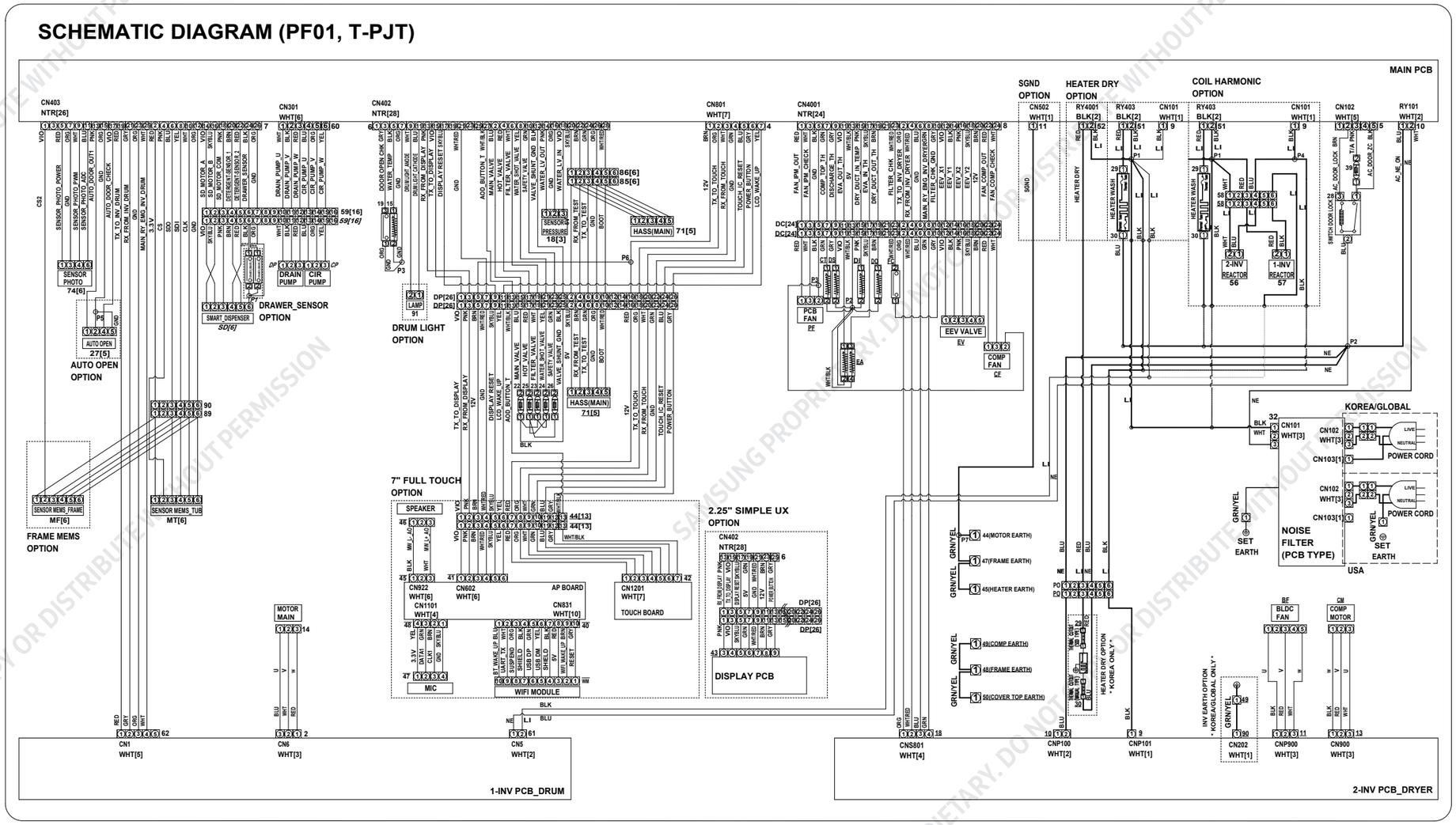
6. WIRING DIAGRAM

6-1. WIRING DIAGRAM

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■ Reference Information

BLK	BLACK
BLU	BLUE
GRN	GREEN
GRY	GRAY
NTR	NATURAL
ORG	ORANGE
PNK	PINK
RED	RED
SKYBLU	SKYBLUE
VIO	VIOLET
WHT	WHITE
YEL	YELLOW
BRN	BROWN



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7. REFERENCE

7-1. NOMENCLATURE

Digit	1	2	3	4	5	6	7	8	9	10	11	12	13	14
항목	Product Type		Capacity		Year	Product Spec	Grade	UX	Auto Dispenser & Sensor	Additional feature	Door/Panel Color	Body Color	Buyer	
모델 코드	W	F	2	4	C	B	8	6	5	5	C	K		
	Code	Type	Code	Capacity	Code	Year	Code	Spec	Infinite	7 LCD	Code	Feature	Code	Feature	Code	Color	Code	Color	Code	Buyer
Living 제품	WF	Drum-Washer (Big size)	25	25kg	B	2022	B	Bespoke	Code / Feature	Code / Feature	9	Flexible Auto-dispenser Turbidity sensor Fabric sensing	5	Auto open door ●	Infinite CMF		E	Greige	없음	Korea
	WD	Drum-Combo	24	24kg	C	2023	G	General	9 / Infinite	9 / 7 LCD			0	Non additional feature	T	Timeless	V	Black	US	America
	WH	Laundry Hub	23	23kg	D	2024			Non Infinite	Non 7LCD					Non Infinite CMF		P	Inox	AX	Mexico
			21	21kg	F	2025			Code / Feature	Code / Feature	7	Auto-dispenser Turbidity sensor Fabric sensing			B	Black deco	W	White	CO	Columbia
			19	19kg					8 / 23kg↑	8 / Multi Control (분리형)					C	Chrome deco	S	Satin Silver	AZ	Brazil
									6 / 21kg↓	7 / Multi Control (일체형)					S	Silver deco	B	Satin Light Beige	AP	Panama
										6 / Simple UX (분리형)	5	Turbidity sensor Fabric sensing			'21 Bespoke Seasonal Panel CMF		F	Satin Greenery		
										4 / LED (Window, 분리형)					F	GLAM GREENERY	G	Satin Sage Green		
										3 / LED (Window, 일체형)	3	Fabric sensing			Y	GLAM SUN YELLOW	K	Satin Black		
										2 / LED (Non-Window, 분리형)	1	Turbidity sensor			'22 Bespoke Seasonal Panel CMF		R	Satin Ivory		
										1 / LED (Non-Window, 일체형)	0	Auto dispenser X Turbidity sensor X Fabric sensing X			M	Deep Morning Blue	H	Satin White		
															N	Deep Evening Sunset				

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