



DV*7450M

SAMSUNG **M7400 PJT(DRYER)** **Training Manual**

BASIC MODEL	MODEL CODE	MODEL NAME
DV7400H	DVE50M7450P/AC	DVE50M7450P
	DVE50M7450W/A3	DVE50M7450W
	DVG50M7450W/A3	DVG50M7450W

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1.Safety Warnings



WARNING - Gas Appliances:

• State of California Proposition 65 Warnings (US only)

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Gas appliances can cause low-level exposure to Proposition 65 listed substances, including but not limited to, benzene, carbon monoxide, formaldehyde and soot, substances resulting from the incomplete combustion of natural gas or LP fuels.

Risk of Fire

- Clothes dryer installation must be performed by a qualified installer.
- Install the clothes dryer according to the manufacturer's instructions and local codes.
- Do not install a clothes dryer with flexible plastic venting materials. If flexible metal (foil type) duct is installed, it must be of a specific type identified by the appliance manufacturer as suitable for use with clothes dryers. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.
- To reduce the risk of severe injury or death, follow all installation instructions.
- Save these instructions.

1.Safety Warnings

TO REDUCE THE RISK OF FIRE OR EXPLOSION:

- Do not dry items that have been previously cleaned, washed, soaked, or spotted with gasoline, dry cleaning solvents, or other flammable or explosive substances. They emit vapors that could ignite or explode. Any material that has been in contact with a cleaning solvent or flammable liquids or solids should not be placed in the dryer until all traces of these flammable liquids or solids and their fumes have been removed. There are many highly flammable items used in homes, such as acetone, denatured alcohol, gasoline, kerosene, some liquid household cleaners, some spot removers, turpentine, waxes, and wax removers.
- Items containing foam rubber (may be labeled latex foam) or similarly textured rubberlike materials must not be dried on a heat setting. Heated foam rubber materials can, under certain circumstances, produce fire by spontaneous combustion.

1.Safety Warnings



WARNING - What to do if you smell gas:

- Do not try to light any appliance.
- Do not turn on the appliance.
- Do not touch any electrical switch.
- Do not use any phone in your building.
- Clear the room, building or area of all occupants.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency, or the gas supplier..

1.Safety Warnings

Important safety instructions



WARNING

To reduce the risk of fire, electric shock, or injury to persons when using your appliance, follow basic precautions, including the following:

1. Read all instructions before using this appliance.
2. Do not dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, or other flammable or explosive substances, because they give off vapors that could ignite or explode.
3. Do not use the dryer to dry clothes which have traces of any flammable substance, such as vegetable oil, cooking oil, machine oil, flammable chemicals, thinner, etc., or anything containing wax or chemicals, such as mops and cleaning cloths. Flammable substances may cause the fabric to catch fire by itself.
4. Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.
5. Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
6. Before the appliance is removed from service or discarded, remove the door to the drying compartment.
7. Do not reach into the appliance if the drum is moving.
8. Do not install or store this appliance where it will be exposed to the weather.
9. Do not tamper with internal controls.
10. Do not repair or replace any part of the appliance or attempt any service unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.

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1.Safety Warnings

- 11.** Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
- 12.** Clean the lint screen before or after each load.
- 13.** Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
- 14.** Keep area around the exhaust opening and adjacent surrounding areas free from the accumulation of lint, dust, and dirt.
- 15.** The interior of the appliance and exhaust duct should be cleaned periodically by qualified service personnel.
- 16.** Do not place items exposed to cooking oils in your dryer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.
- 17.** This appliance must be grounded. See “Electrical requirements” and “Grounding” in “Installation” section.
- 18.** Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
- 19.** Do not insert your hand under the dryer.
 - This may result in injury.
- 20.** Take care that children’s fingers are not caught in the door when closing it.
 - This may result in injury.
- 21.** Control board and inlet valve are intentionally not grounded and may present a risk of electric shock only during servicing.
 - Do not contact this part while appliance is energized.

2. Product introduction

Concept



Main Feature

New design and one of the best dryer options and care all clothes material.

- ✓ Delicate Dry (Low Temperature dry)
- ✓ The Largest Capacity
- ✓ Smart Care
- ✓ Steam Cycle
- ✓ Sanitize Cycle
- ✓ Energy Saving
- ✓ Time Saving
- ✓ Easy Reversible Door

2. Product introduction

Extra Large Capacity	Ultra drying capabilities are at your fingertips! Now you can dry extra-large loads. Our ultra large 7.5 cu.ft. capacity dryer circulates more air through your clothes getting them dry faster, for a wrinkle-free result.
Time Saving	Our cycles are designed with you in mind. All our dryers are designed to dry your clothes in less time... just 42 minutes! Giving you time for more important things in life.
Energy Saving	Samsung dryers are super energy efficient, that you can dry up to 3.31 pounds of laundry with 1kWh. Also, both the large capacity and Fuzzy Logic Control save energy by automatically drying your clothes the most efficient way.
Easy Reversible Door	Our dryers will fit just about anywhere and without a door conflict. The direction of our easy reversible door can be changed with just four screws.
Pedestal With Storage Drawers	An option 15" pedestal is available to raise the dryer for easier loading and unloading. It also offers a built-in storage drawer that can hold a 100 oz., bottle of detergent.
Various Drying Cycles & Fuzzy Logic Algorithm	Simply turn the job dial to select one of the 13 automatic drying cycles, including normal, heavy duty and bedding, or let the fuzzy logic control measure the degree of dampness and automatically set the drying time. Precision drying has never been easier than with Samsung.
Smart Care	Samsung's Smart Care, an automatic error-monitoring system, detects and diagnoses problems at an early stage and provides a quick and easy solutions, with the innovative Smart Remote Control technology, you can also be alerted when the problems occurs via your Smart phones.
Delicate Dry	You can use "Delicate dry" with tumble dry. Samsung dryer can save your clothes damage by high temperature heat.

2. Product introduction

Specification

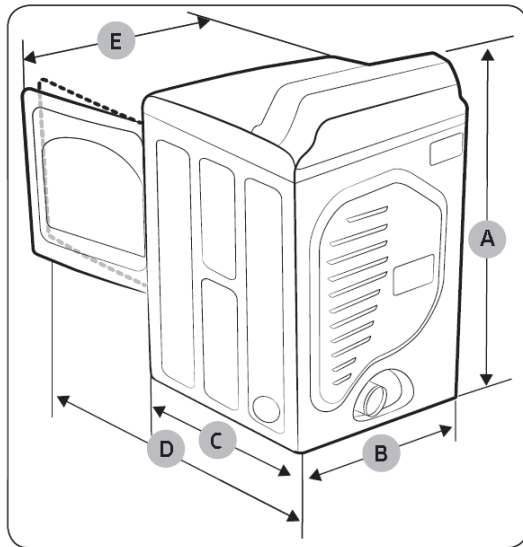
	Project	DV7400H	DV7400M
	Model	DV48H7400W(P)	DVE(G)50M7450W(P)
USP & Features	Capacity (cu.ft / DOE)	7.4	7.4
	Power Resource	Electric / Gas	Electric / Gas
	Vent Sensor	-	-
	Vent Blockage Test	Y	Y
	Steam	Y	Y
	Smart Control	-	-
	Drum Material	EGI	EGI
	E-Star	-	-
	Reversible Door	Y	Y
	Drying Rack	Y	-
	Door Safety	Y	Y
	Vent Exhaust (Electric / Gas)	4 / 3 ways	
	Heating Element (KW)	5300W / 22,000 BTU /Hr	5300W / 22,000 BTU /Hr
	Cycle Time (AHAM 8lbs) *() - Gas model / Elec. Eco Dry off	42 min	60 min
	Body Color (with Top Cover)	Neat White / Inox	Neat White / Inox
Design	Control panel	In-Mold	In-Mold
		Tact	Tact
	Main display	18:88 G.LED	18:88 G.LED
	LED color	Ice Blue	Ice Blue
	Door	NTR	NTR
	Top Cover Material	Steel	Steel
ENERGY & Performance	DOE Combined Energy Factor (CEF, lb/kWh, Appendix D1/D2)	3.73(lb/kWh)-Elec 3.3 (lb/kWh)-Gas	3.94(lb/kWh)-Elec 3.49 (lb/kWh)-Gas
	Voltage / Frequency	120V/ 240V / 60Hz (Elec)	120V/ 240V / 60Hz (Elec)
		120V / 60Hz (Gas)	120V / 60Hz (Gas)
	Energy Guide (kWh/cycle // Liter/cycle)	Electric – 2.4 kWh Gas – 270 liter ↓	Electric - 2.4 kWh Gas - 270 liter ↓
	Yearly Energy Consumption (kWh/year)	644 kWh/year (Elec)	644 kWh/year (Elec)

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2. Product introduction

Product Dimension

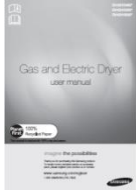

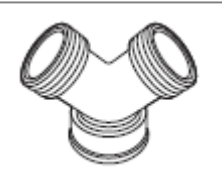

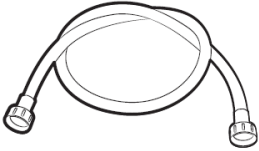


Type			Front loading dryer
Model name			DVE(G)50M7450*
Dimensions	A. Height	Product - inches (cm)	46.0 (116.8)
		Required for Installation - inches	48.0
	B. Width	Product - inches (cm)	27.0 (68.6)
		Required for Installation - inches	29.0
	C. Depth	Product - inches (cm)	30.0 (76.3)
		Required for Installation - inches	35.0
	D. Depth with door open 90°	Product - inches (cm)	49.80 (126.5)
		Required for Installation - inches	54.82
E. Width with door open 130°	Product - inches (cm)	46.47 (118.0)	
	Required for Installation - inches	51.47	
Water pressure - psi (kPa)			20-116 (137-800)
NET weight		Electric - lb (kg)	125.7 (57)
		Gas - lb (kg)	
Heater rating		Electric (W)	5300
		Gas (BTU/hr)	22000

“A. Height” Spec can vary from 46 to 46.5 inches (116.8-118.0 cm) depending on the leveling feet adjustment.

2. Product introduction


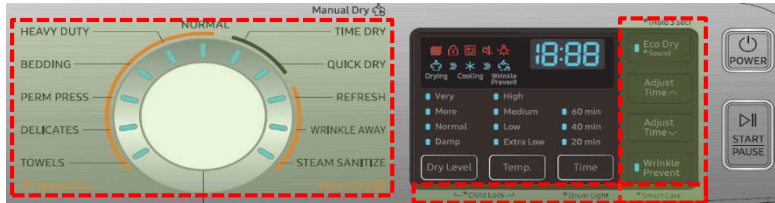
Options Specifications

Item	Code	QTY	Remarks
	Manual-Users	DC68-03170Z	1
	Manual-Users (TECH)	DC68-03171R	1
			DV7700M
"Y"-connector	Short water hose	Water hose (Canadian models only)	

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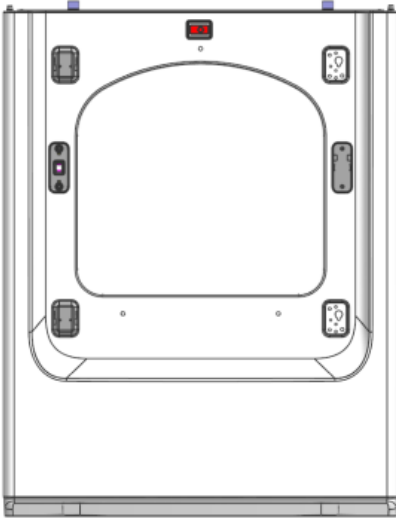
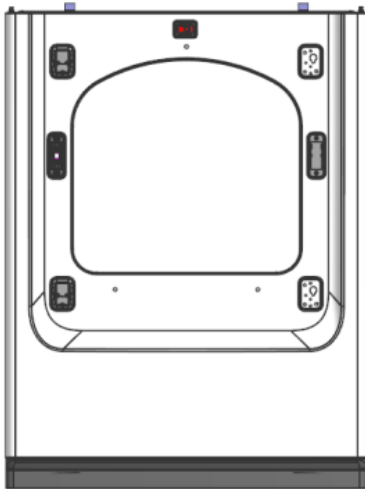
3. Changed Parts List

Control Panel

DV48H7400EW/A2	<u>DV50M7450E*</u>	Remark
 <p>The control panel for the DV48H7400EW/A2 model features a large rotary dial on the left with settings for HEAVY DUTY, NORMAL, BEDDING, SANITIZE, DELICATES, and TOWELS. To the right of the dial is a digital display showing '18:88' and various icons. Below the display are buttons for 'Dry Level', 'Temp', and 'Time'. Further right are buttons for 'Adjust Time', 'Wrinkle Prevent', and 'Mixed Load Bell'. On the far right are 'POWER' and 'START/PAUSE' buttons.</p>	 <p>The control panel for the DV50M7450E* model is similar to the DV48H7400EW/A2 but includes additional features. Red dashed boxes highlight the following changes: 1) The rotary dial now includes a 'STEAM SANITIZE' option. 2) The digital display now shows 'Eco Dry' and 'Powervent' icons. 3) The 'Adjust Time' button now has a right arrow. 4) The 'Wrinkle Prevent' button now has a right arrow. 5) The 'POWER' button now has a power symbol. 6) The 'START/PAUSE' button now has a play/pause symbol.</p>	


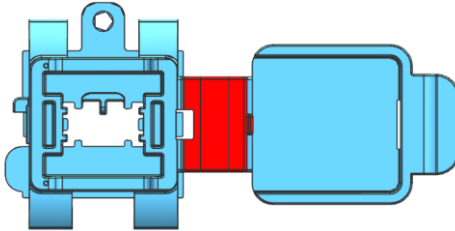
3. Changed Parts List

ASSY FRAME FRONT

DV48H7400EW/A2	<u>DV50M7450E*</u>	Remark
		

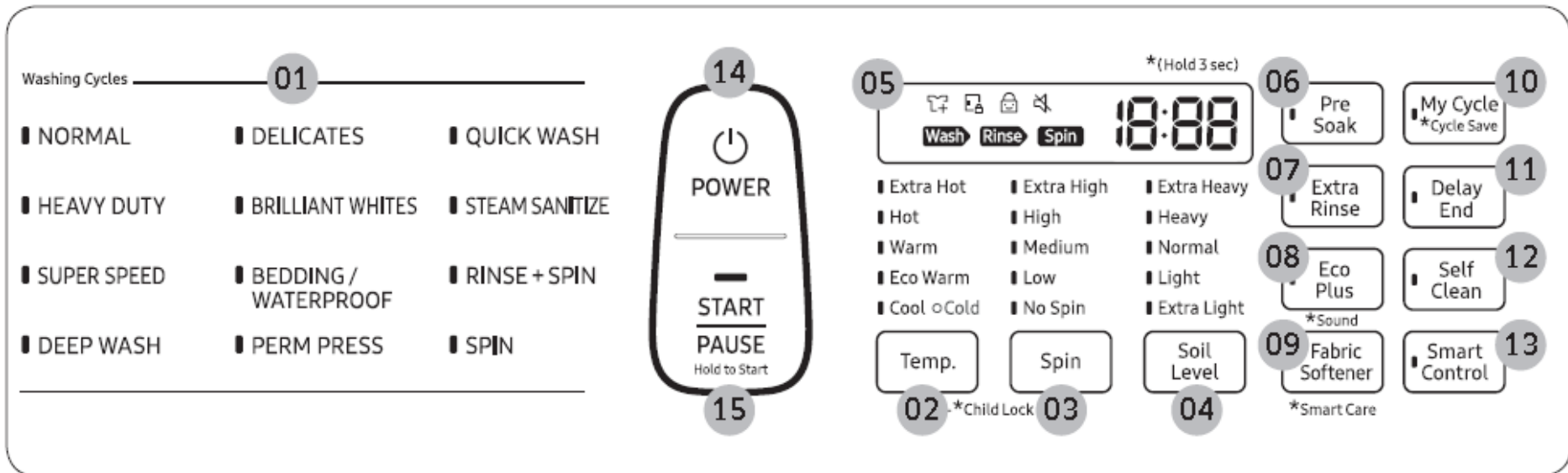
3. Changed Parts List

COVER CONNECTOR

DV48H7400EW/A2	<u>DV50M7450E*</u>	Remark
		

4. Instruction of Function

Control Panel



4. Instruction of Function

Control Panel

01 Cycle Selector	Turn the cycle selector to select a desired cycle. When a cycle is selected, the cycle indicator lights up.
02 Dry Level	<p>Press to adjust the dryness in the Sensor Dry and Steam Dry cycles. The corresponding indicator turns on.</p> <ul style="list-style-type: none">• Larger or bulkier loads may require Very Dry or More Dry for complete dryness.• Damp Dry is designed to partially dry items. Use for items that lay flat or hang to dry. Note: This option is not available with STEAM SANITIZE, and ACTIVE WEAR. <p>Note: This option is not available with STEAM SANITIZE.</p>
03 Temp.	<p>Press to change the temperature of the current cycle.</p> <ul style="list-style-type: none">• High: For sturdy cottons or those labeled Tumble Dry.• Medium: For permanent press, synthetics, lightweight cottons, or items labeled Tumble Dry Medium.• Med Low: For heat lower than Medium. Use to dry synthetic or washable knit fabrics.• Low: For heat sensitive items labeled Tumble Dry Low or Tumble Dry Warm.• Extra Low: Provides the lowest heated drying temperature possible.
04 Time	Press to adjust the drying time for the Manual Dry cycles. This is not available with the Sensor Dry cycles because the dryer determines the drying time by sensing the current moisture level of the load.
05 Digital Graphic Display	Displays all cycle information, including the cycle time, information code, and operating status.
06 Eco Dry	This function is available with NORMAL and TIME DRY. With the Eco Dry activated, drying takes a longer time but the power consumption is reduced. The drying time can be extended by up to 3 times depending on the temperature and load. The Eco Dry function is enabled by default.

4. Instruction of Function

Cycle description

07 Adjust Time	You can change the set time in the Manual Dry cycles (TIME DRY, QUICK DRY, or AIR FLUFF) and WRINKLE AWAY. To change the cycle time, press ▲ or ▼ until the desired time is displayed.
08 Wrinkle Prevent	Wrinkle Prevent provides approximately 180 minutes of intermittent tumbling in unheated air at the end of the cycle to reduce wrinkling. Press Wrinkle Prevent to activate this feature. The load is dry, and can be removed at any time during the Wrinkle Prevent cycle.
09 POWER	Press to turn on/turn off the dryer.
10 START/PAUSE	Press to start or stop operation.

NOTE

Extremely tangled items finished by the washer may degrade the drying efficiency or cause the door to open. We recommend that you untangle the items before drying.

4. Instruction of Function

Simple Steps to Start

1. Press POWER to turn on the dryer.
2. Turn the Cycle Selector to select a cycle.
3. Change the cycle settings (Dry Level and Time) as necessary.
4. Optionally, you can activate option available by pressing the relevant button (Mixed Load Bell, Anti Static, Wrinkle Prevent, and/or Eco Dry).
5. Press START/PAUSE. The dryer indicator turns on with an estimated cycle time on the display.

To change the cycle during operation

1. Press START/PAUSE to stop operation.
2. Select a different cycle.
3. Press START/PAUSE again to start the new cycle.

4. Instruction of Function

Cycle Overview

Sensor Dry

Sensor Dry cycles sense moisture in the load and stop the dryer when the load reaches the dryness level you have selected with Dry Level.

Cycle	Description
NORMAL	For most fabrics including cottons and linens. If NORMAL is selected, the Eco Dry function is enabled by default. For more information, see Eco Dry in the “Feature panel” section.
HEAVY DUTY	For drying items made out of heavy fabrics, such as jeans, corduroys, or work clothes, with high temperature heat.
BEDDING	For bulky items such as blankets, sheets, and comforters.
PERM PRESS	Dry wrinkle-free cottons, synthetic fabrics, knits, and permanent press fabrics automatically.
DELICATES	For heat-sensitive items at a low drying temperature.
TOWELS	For bath towels and similar items

4. Instruction of Function

Manual Dry

You can change the drying settings manually to your preference

Cycle	Description
TIME DRY	You can specify a cycle time in minutes. If TIME DRY is selected, the Eco Dry function is enabled by default. For more information, see Eco Dry in the “Feature panel” section.
QUICK DRY	A quick drying cycle running for 30 minutes

4. Instruction of Function

Steam Dry

Use steam to reduce wrinkling and odors on items.

Cycle	Description
REFRESH	Use to smooth out wrinkles and reduce odors in loads of one to four items. With this cycle selected, a small amount of water is sprayed into the dryer drum after several minutes of tumbling with heat. Confirm that the laundry load is dry.
WRINKLE AWAY	For best results, load 2-3 items at once. You can extend the drying time by a minimum of 20 minutes, depending on the item type or load. Confirm that the laundry load is dry.
STEAM SANITIZE	Use to sanitize items by applying steam and high-temperature heat to the fabric. This cycle can make items soft and reduce smells. Confirm that the laundry load is wet or partially wet.

5. Test Mode & Error Check

Cycle Guide

The best way to dry items is to follow the instructions on the care label. If no drying instructions are provided, see the following table for reference.

Cycle	Description
Bedspreads & Comforters	Follow the care label instructions or dry using BEDDING. <ul style="list-style-type: none">• Make sure the item is thoroughly dry before using or storing.• May require repositioning in the drum to ensure even drying.
Blankets	Use NORMAL and dry only one blanket at a time for best tumbling action. <ul style="list-style-type: none">• Make sure blankets are is thoroughly dry before using or storing.
Curtains & Draperies	Use PERM PRESS and the Medium temperature setting to help minimize wrinkling. <ul style="list-style-type: none">• Dry curtains and draperies in small loads for best results and remove as soon as possible.
Cloth Diapers	Use NORMAL and the medium temperature setting for soft, fluffy diapers.

5. Test Mode & Error Check

Cycle Guide

Cycle	Description
Down-filled Items (jackets, sleeping bags, comforters, etc.)	Use NORMAL and the Medium temperature setting. <ul style="list-style-type: none">• Add a couple of dry towels to absorb moisture and shorten drying time.
Foam Rubber (rug backs, stuffed toys, shoulder pads, etc.)	Do not dry on a heat setting. Use AIR FLUFF. Warning: Drying a rubber item with heat may damage it or cause a fire
Pillows	Use NORMAL. <ul style="list-style-type: none">• Add a couple of dry towels and a pair of clean sneakers to help the tumbling action and to fluff the items.• Do not dry kapok or foam pillows using a heated drying cycle. You can dry these items in the dryer only if you use AIR FLUFF.
Plastics (shower curtains, outdoor furniture covers, etc.)	Use AIR FLUFF or TIME DRY and the Low or Extra Low temperature settings depending on the care label instructions.

5. Test Mode & Error Check

SPECIAL FEATURES

Child Lock

Child Lock prevents children from playing with the dryer. When Child Lock is activated, all buttons except for the POWER button are disabled.

To activate/deactivate Child Lock, simultaneously press and hold **Dry Level.** and **Temp.** for 3 seconds.

NOTE

Once Child Lock is activated, it will remain active even after you restart the dryer. If other buttons, except for the POWER button, do not respond, check the Child Lock indicator. If the indicator is on, follow the instructions above to turn Child Lock off.

Drum Light

To turn on the drum light while the dryer is running, press and hold Time for 3 seconds.

NOTE

After 5 minutes of inactivity, the drum light automatically turns off.

5. Test Mode & Error Check

SOUND On / Off

To turn off the dryer's notification beeps and melodies, press and hold Sound button.
To unmute the dryer, press and hold Sound button.

NOTE

This function remains active even after you restart the dryer.

Smart Care

If the dryer displays an information code, you can use Smart Care to check the status of the dryer on a smartphone. To use Smart Care, you must have the Samsung Smart Care app installed on your Smartphone.

NOTE

Smart Care is optimized for Samsung Galaxy and Apple iPhones. (Not compatible with some models).

5. Test Mode & Error Check

Error items

CODE	ACTION
HC	High temperature heating check • Clean the lint filter. • If this information code remains, contact a Samsung customer service center. (enter the line test mode)
9C1	The electronic control needs to be checked. • Check if power is supplied properly. • If the information code remains, contact a customer service center
tC	The Thermistor1 resistance is very low or high. • Check for a clogged lint screen • Check if the vent system is restricted. • If this information code remains, contact a Samsung customer service center.
tC5	The Thermistor2 resistance is very low or high. • Check for a clogged lint screen. • Check if the vent system is restricted. • If this information code remains, contact a Samsung customer service center.
dF	Incorrect door switch. • Contact a Samsung customer service center.
dC	Operating the dryer with the door open. • Make sure the door is properly closed. • Make sure laundry is not caught in the door.
FC	Invalid power source frequency • Try restarting the cycle. • If this information code remains, contact a Samsung customer service center.
AC	Electronic control problem (Invalid Communication). • Contact a Samsung a customer service center.

6. Reference Information

Troubleshooting

Problem	SOLUTION
Does not run.	<ul style="list-style-type: none">• Make sure the door is latched shut.• Make sure the power cord is plugged into a live electrical outlet.• Check your home's circuit breakers or fuses.• Press or tap START/PAUSE again if the door is opened during a cycle.• Clean the lint filter.
Does not heat.	<ul style="list-style-type: none">• Check your home's circuit breakers or fuses.• Some cycles do not require heating. Check the selected cycle again.• For a gas dryer, make sure the gas supply is on.• Clean the lint filter and exhaust duct.• The dryer may have moved into the cool-down phase of the cycle.
Doesn't dry.	<ul style="list-style-type: none">• Check all of the above, plus...• Make sure the exhaust hood outside your home can open and close freely.• Check the exhaust system for lint buildup. Ducting should be inspected and cleaned annually.• Use a 4" rigid metal exhaust duct.• Do not overload. 1 wash load = 1 dryer load.• Dry heavy items and light weight items separately.• Large, bulky items, such as blankets or comforters, may require repositioning to ensure even drying.• Make sure that your washer is draining properly and extracting adequate water from the load.• The load may be too small to tumble properly. Add a few towels and restart the dryer.• The load may be too large to tumble properly. Remove some items and restart the dryer.• Clean the lint filter.

6. Reference Information

Troubleshooting

Problem	SOLUTION
Is noisy	<ul style="list-style-type: none">• Check the load for objects such as coins, loose buttons, nails, etc. Remove promptly.• It is normal to hear the dryer gas valve or heating element cycle on and off during the drying cycle.• Make sure the dryer is leveled properly as outlined in the installation instructions.• It is normal for the dryer to hum due to the high velocity of air moving through the dryer drum, fan, or exhaust system.
Dries unevenly	<ul style="list-style-type: none">• Seams, pockets, and other similarly heavy areas may not be completely dry when the rest of the load has reached the selected dryness level. This is normal. You can choose a higher dryness level or a cycle that involves a higher dryness level.• If one heavy item is dried with a light weight load, such as one towel with sheets, it is possible that the heavy item will not be completely dry when the rest of the load has reached the selected dryness level.• For the best drying results, dry heavy items and light weight items separately.
Has odors	<ul style="list-style-type: none">• Household odors from paint, varnish, strong cleaners, etc. may enter the dryer with the surrounding room air. This is normal as the dryer draws the air from the room, heats it, pulls it through the tumbler, and exhausts it outside.• When these odors linger in the air, completely ventilate the room before using the dryer.• Use a cycle featuring the Refresh function. If odors persist, wash and dry the item again.
Lint on clothes	<ul style="list-style-type: none">• Make sure the lint filter is cleaned before every load. For clothes that naturally build up lint, clean the filter during the cycle.• Some fabrics are lint producers (for example, a fuzzy white cotton towel) and they must be dried separately from clothes that are lint trappers (for example, a pair of black linen pants).• Divide larger loads into smaller loads for drying.• Check pockets thoroughly before drying, then dry clothes.• Remove lint inside the drum before drying.

6. Reference Information

Troubleshooting

Problem	SOLUTION
Items still wrinkled after WRINKLE PREVENT (WRINKLE-CARE, WRINKLE RELEASE).	<ul style="list-style-type: none">• Small loads of 1 to 4 items work best.• Load fewer items. Load similar-type items.• Take out the items immediately after drying is complete.
Water drips from the nozzle when STEAM CARE starts.	<ul style="list-style-type: none">• This is steam condensation. The dripping water will stop after a short time.
Sprayed water is not visible during STEAM CARE.	<ul style="list-style-type: none">• Sprayed water is difficult to see when the door is closed.
Extended time.	<ul style="list-style-type: none">• Sensor Dry automatically senses the moisture in the load and shuts the dryer off when the selected dryness level is reached. <p>The drying time can change according to the type and amount of laundry. See the cycle chart for reference</p>

6. Reference Information

Cycle Chart

- : factory setting, ●: can be selected

Cycle		Temperature setting				Time setting
		High	Medium	Low	Extra Low	
Sensor Dry	NORMAL		●			
	HEAVY DUTY	●				
	BEDDING	●				
	PERM PRESS		●			
	DELICATES				●	
	TOWELS	●				
Manual Dry	TIME DRY	●	●	●	●	●
	QUICK DRY	●				●
Steam Dry	REFRESH	●				
	WRINKLE AWAY	●				●
	STEAM SANITIZE	●				


6. Reference Information

Cycle Chart

Cycle		Options		
		Eco Dry	Adjust Time	Wrinkle Prevent
Sensor Dry	NORMAL	●		●
	HEAVY DUTY			●
	BEDDING			●
	PERM PRESS			●
	DELICATES			●
	TOWELS			●
Manual Dry	TIME DRY	●	●	●
	QUICK DRY		●	●
Steam Dry	REFRESH			●
	WRINKLE AWAY		●	●
	STEAM SANITIZE			●

6. Reference Information



Component Check

Parts	Image	Description	Value
<div>[Electric]</div> 			
Thermistor		Unplug connector and test from wire insertion side. Pin #2 and Pin #6 of CN6	10 K Ω @ 77° F/25°C
Door Switch		Unplug connectors and test switch terminals. Door open terminals COM to NC Door open terminals COM to NO Door closed terminals COM to NC Door closed terminals COM to NO	Infinity Less than 1 Ω Infinity Less than 1 Ω
Lamp		Unplug connectors and test switch terminals. Check across terminals	Infinity Ω
Belt Switch		Unplug connectors and test switch terminals. Check across terminals switch closed Check across terminals switch open	Less than 1 Ω Infinity

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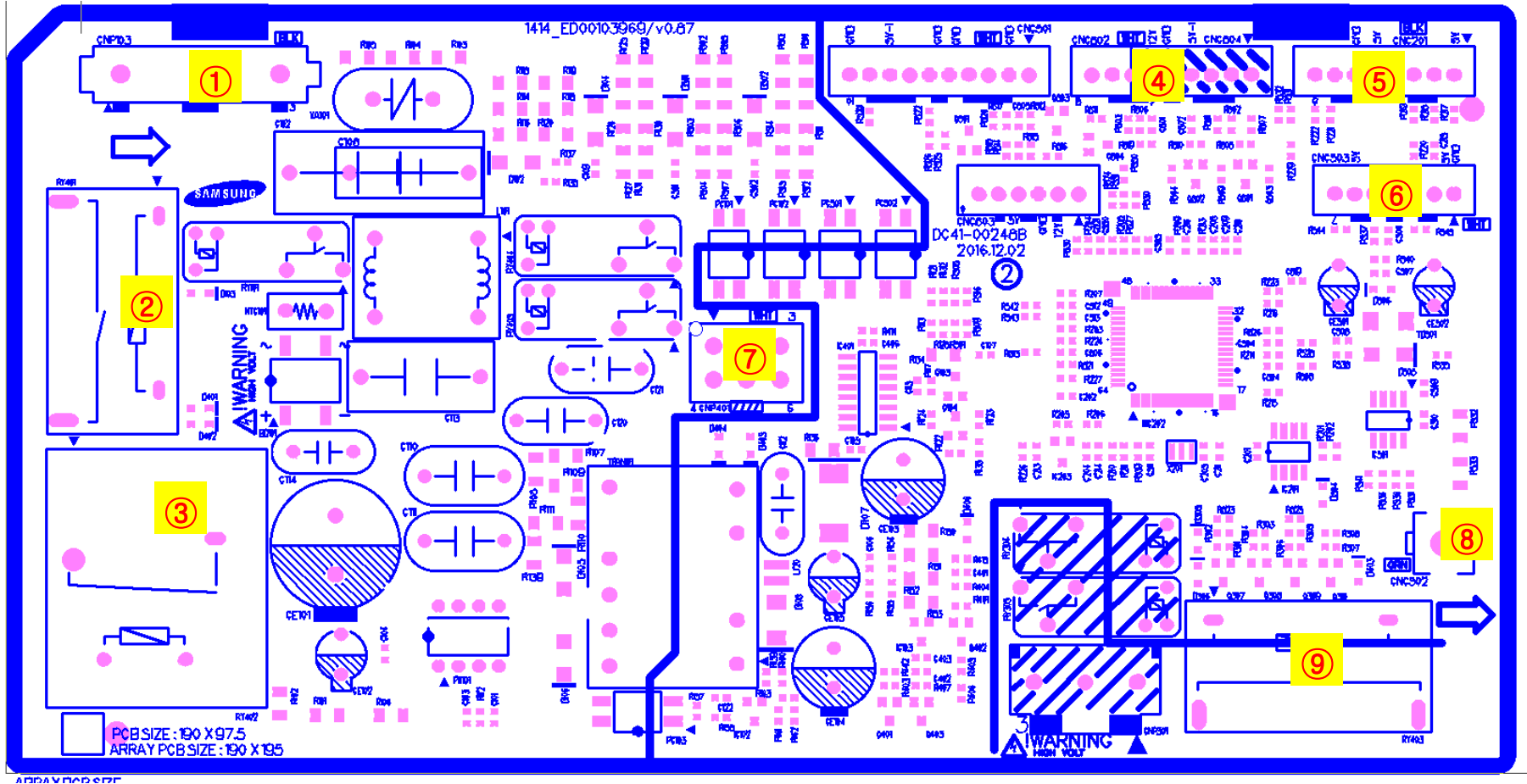
6. Reference Information

Component Check

Parts	Spec	Description	Value
<div>  Thermostat 1 </div> <div> [Electric] </div> <div>  <div> Thermostat 3 160 °C, 25A thermal cut-off </div> <div> Thermostat 2 127/99 °C, 25A Hi-limit </div> <div> Heater 240V/5300W </div> </div>			
Thermostat 1	Thermostat Cut Off 185°F/85°C, 25A	Unplug connector and measure its resistance	Less than 1 Ω
Thermostat 2	Hi Limit 260°F/127°C, 25A (Electric) 230°F/110°C, 25A (Gas)	Unplug connector and measure its resistance	Less than 1 Ω
Thermostat 3	Thermostat Cut Off 320°F/160°C, 25A	Unplug connector and measure its resistance	Less than 1 Ω
Heater	230V / 4700W	Unplug connectors and test Heater terminals	10 Ω

6. Reference Information

Main PBA Layout (The Principle Part)



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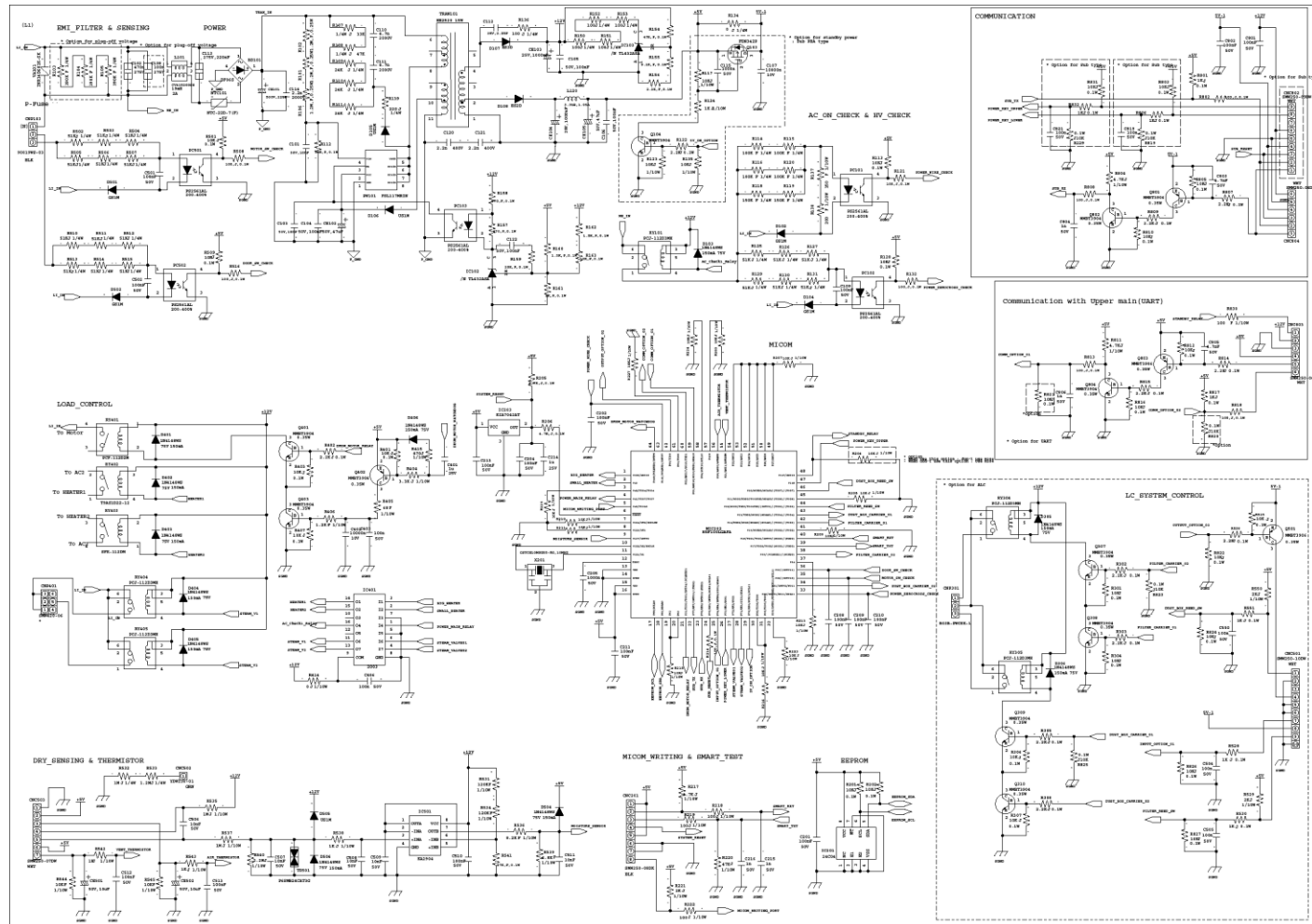
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6. Reference Information

Location	Part No.	Function	Description
1	CNP103	AC CONNECTION CONNECTOR	Supplies AC power to the PBA
2	RY401	MOTOR RELAY SWITCH	The relay used for motor control
3	RY402	HEATER RELAY SWITCH	The relay used for heater control
4	CNC802	SUB PBA COMMUNICATION	The connector that controls communications with the Sub PBA corresponding to the Display
5	CNC201	MICOM WRITING & SMART TEST CONNECTOR	MICOM writing & smart test connector
6	CNC503	DRY LEVEL SENSING & THEMISTOR	Sensing Dry Level & temperature
7	CNP401	STEAM CONTROL CONNECTOR	The connector used for the steam load control
8	CNC502	EARTH CONNECTOR	The connector used for protecting moisture sensing circuit
9	RY403	HEATER RELAY SWITCH	The relay used for heater control

6. Reference Information

Schematic Diagram of Main PBA (DOUBLE CLICK A FICTURE FOR THE DETAIL)



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6. Reference Information

Connector & Relay Terminal Description (Main PBA)

CNP103

PIN1 - AC POWER Port
PIN2 - Door Detection Sensor
PIN3 - GAS Igniter Check

CNC 802

1. Rx
2. Tx
3. SUB_RESET
4. 5V
5. GND
6. 12V
7. NC
8. Power Key_Lower Dryer
9. Power Key_Upper Dryer

CNC 503

1. GND
2. 5V
3. Thermistor
4. Moisture Sensor
5. Moisture Sensor
6. 5V
7. Vent Temp

RY401
Motor Relay Switch

RY402
Heater 1 Relay Switch

CNP401

1. Steam Valve 1
2. NC
3. Steam Valve 1
4. NC
5. Steam Valve 2
6. NC

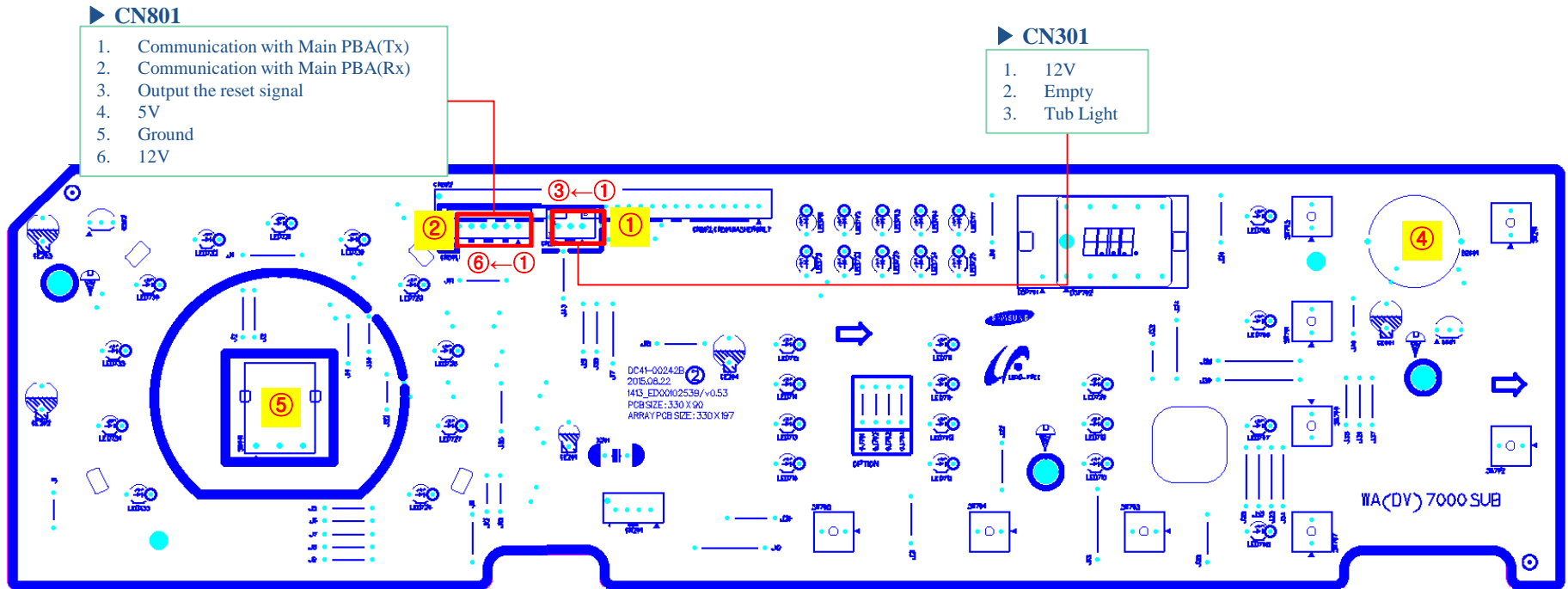
RY403
Heater 2 Relay Switch

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6. Reference Information

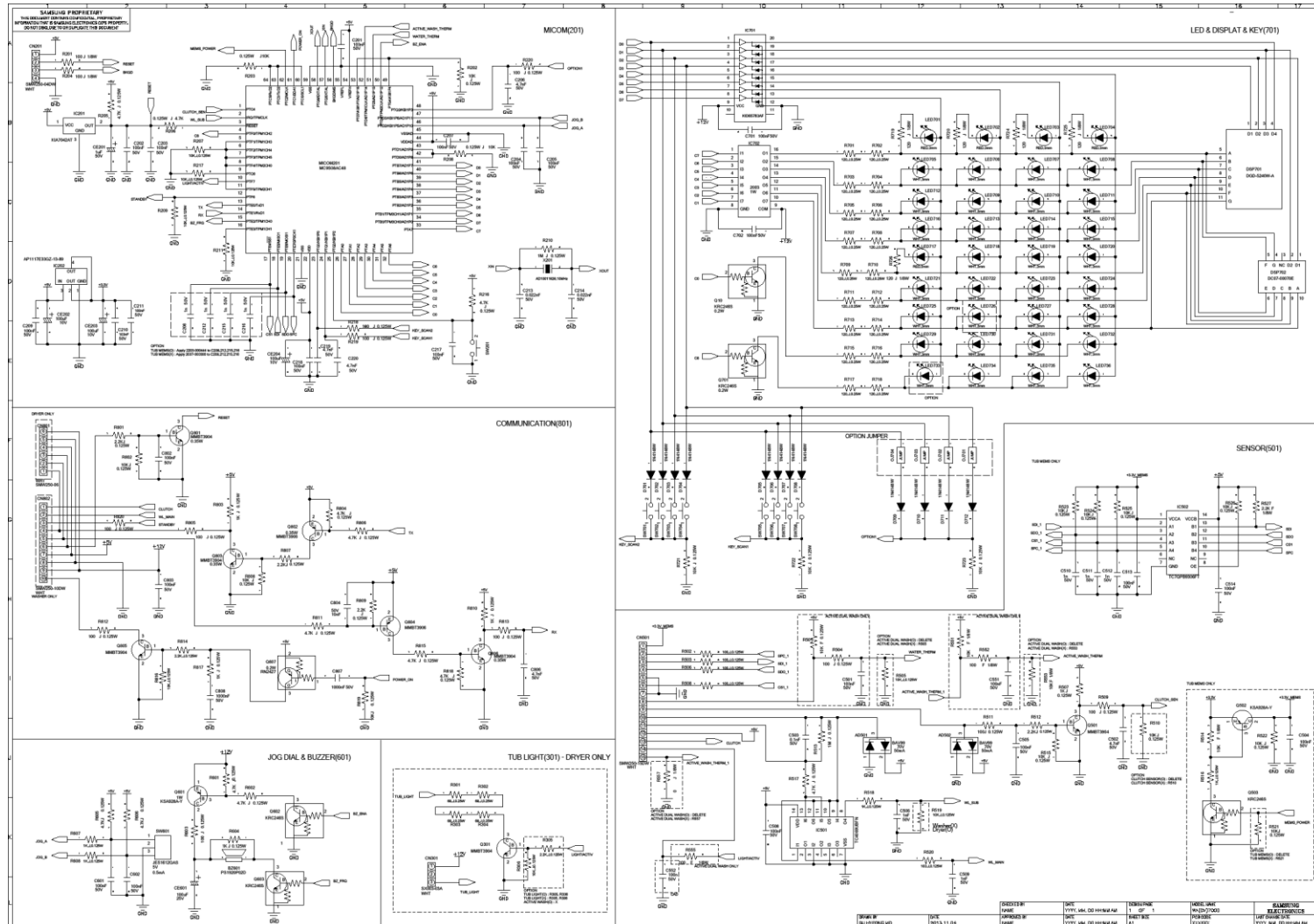
Sub PBA Layout (The Principle Part)



Location	Part No.	Function	Description
1	CN301	Drum Light Circuit	It controls drum light LED On/Off
2	CN801	Connect Main PBA	Receives power from the Main PBA provides a communications function
3	CN14	Connect Touch PBA	Supply power to the Touch PBA and communicate with Touch PBA
4	BZ1	Buzzer	Generates sound when the Menu key is pressed, the Encoder operates and the menu is closed.
5	SW1	Encoder S/W	Users can choice course by turning the encoder SW.

6. Reference Information

Schematic Diagram of Sub PBA (DOUBLE CLICK A PICTURE FOR THE DETAIL)



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6. Reference Information

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.

6. Reference Information

Nomenclature

Digi	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	D	V	E	5	0	M	7	4	0	0	V	/	A	3
Model Naming Rule														
	Product Type		Type	Capacity	Year	Series	Features				Color	Divider	Buyer	
Dryer	D	V	Dryer Type	Market Claim Capacity Ex: 7.5 kg = 75 10kg = 10 5.0 cuft = 50	13: F	Grade					By Color Table sheet	/: CBU U: SKD 1: Ver. Service	By Buyer- Table Sheet	
					14: H									
					15: K									
					16: K									
					17: M									
			Type (Dryer)	* Detail Rule	* Same to VD Division	9 High	* Each Product / Projects have different Feature Table.				V: Black Caviar W: White P: Inox Z: Blue		A3, A2: Estados Unidos AC: Canada AX: Mexico	
			E: Vente Elec.	1. 55.5 kg: Down to 11		8 High								
			G: Vent Gas	2. N.America by DOE rule		7 High								
			H: Heatpump	3. N. America Dryer Same to Pair Washer		6 Mid								
			C: Condensing	* Double Language Option Dutch + French Dutch Only		5 Mid								
				* Exclusive Code capacity code의 2번째 자리 사용 ex) 6.0kg, M-Video Exclusive: 6M ex) 7.0kg, Eldorado Exclusive: 7E		4 Mid								
						3 Entry								
						2 Entry								
						1 Entry								
						Grade								

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7. Disassembly & Reassembly

- Control Panel Removal



1. Disconnect the power supply to the unit.
2. Remove 6 screws from the Cover Panel.



3. Remove the Panel Control.



4. Remove Each Housing.

7. Disassembly & Reassembly

- Control Panel Removal



5. Remove the Knob.



6. Remove 4 screws from the GUIDE-PCB(M).
⚠ Be careful of external scratch on the Panel Control.

7. Disassembly & Reassembly

- Main PCB Removal



1. Remove the Panel Control.
2. Separate 4 Hook From the Guide PCB.



3. Remove the Housings.



4. Remove 1 Screw from the Top Cover.

7. Disassembly & Reassembly

- Top Cover Removal



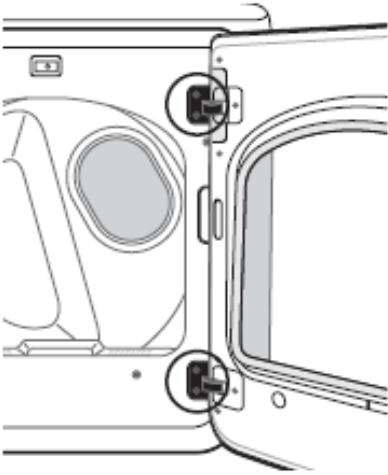
1. Disconnect the power supply to the unit.
2. Remove the Panel Control and the Main PCB.
3. Remove the Cap-Cover Top and 2 screws from the Bracket Cover Top.



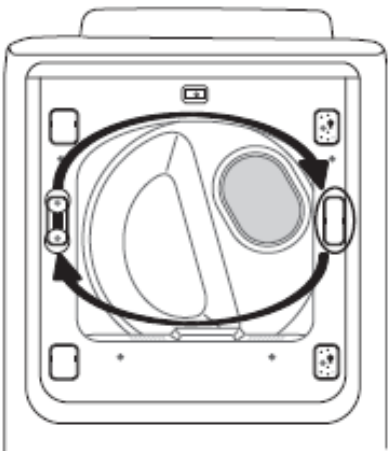
4. Slide the Top Cover towards the front and lift from the unit.
Scratch and impact to the top cover is prohibited.

7. Disassembly & Reassembly

- Door Removal



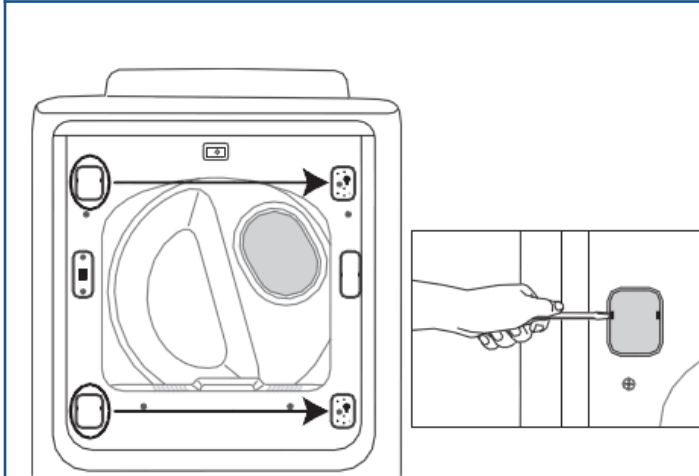
1. Unplug the power cord.
2. Remove the four hinge screws from the door
3. Remove the door by lifting it



4. Remove the two screws from the holder-lever, and then remove the cover-holder.
5. Assemble the holder-lever on the opposite side using the screws that were removed from the holder-lever-in Step 4.
6. Assemble the cover-holder on the opposite side.

7. Disassembly & Reassembly

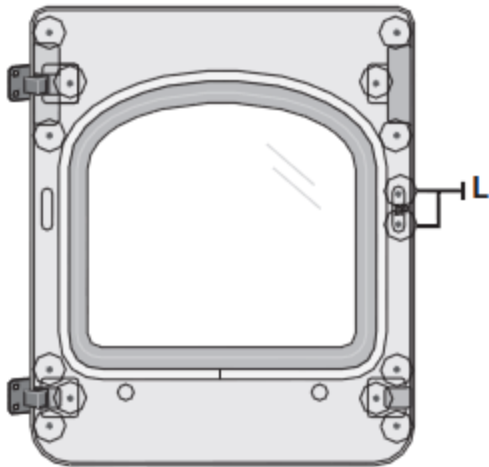
- Door Removal




7. Remove the two cover-hinges.

8. Assemble the two cover-hinges on the opposite side.

 Use a flat head screwdriver(-) to remove the cover-holder's cover-hinge.

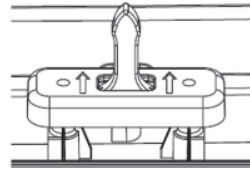
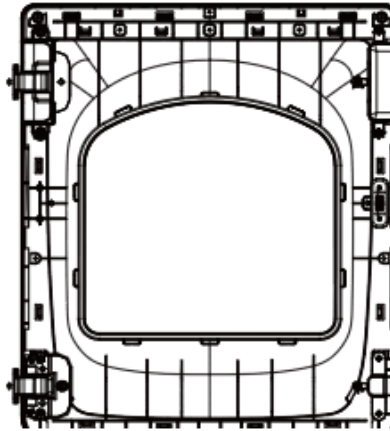


9. Remove the 14 screws.

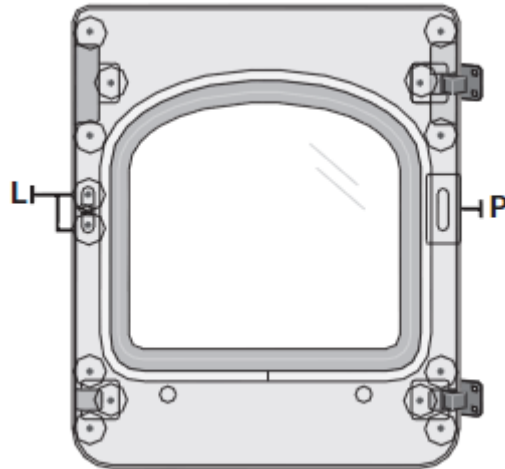
 2 screw (L) are longer than the other screws.

7. Disassembly & Reassembly

- Door Removal



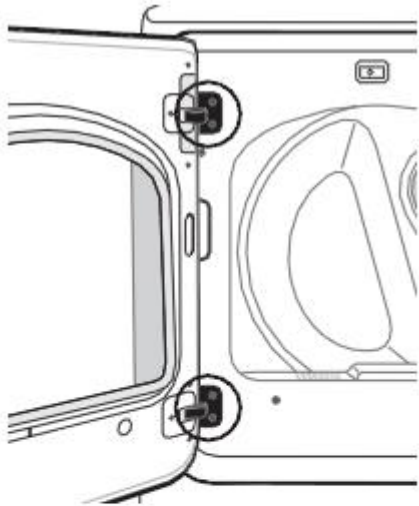
10. Remove the holder-glass.
11. Exchange the positions of:
 - : The cover-hinge and handle door
 - : The holder-hinge and guiderholder glass
12. Remove the Cover-Lever and then install it on the opposite side.
Refer to the illustrations on the right to aid you in the assembly process.



13. Remove the cover-hole (P1).
14. Assemble the holder glass and then fasten the 4 screws that you removed in step 15.
15. Attach the cover-hole.
A spare cover hole is in the assembly manual.

7. Disassembly & Reassembly

- Door Removal



16. Install the door on the frame-front and then fasten the 4 screws that you removed in step 2.

Check the positions of the screws you Installed in the hinge door

7. Disassembly & Reassembly

- Frame Front Removal



1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB and the Cover Top.
3. Remove 3 screws from the Frame Front.
☞ When 1 screws of the top portion work because was added newly, keep in mind.



4. Remove 3 screws.

7. Disassembly & Reassembly

- Frame Front Removal



5. Remove the Door Switch Housing.

☞ When reassemble Door Switch to Frame Front, be careful for insert direction.



6. Lift the Frame Front off the three tabs across the bottom and remove.

7. Disassembly & Reassembly

- DOOR S/W Removal



[Method of Door S/W disjointing]

1. After separate Holder Wire in Door S/W, Door S/W Hook
2. Press and is Pull to Frame Front whole surface.



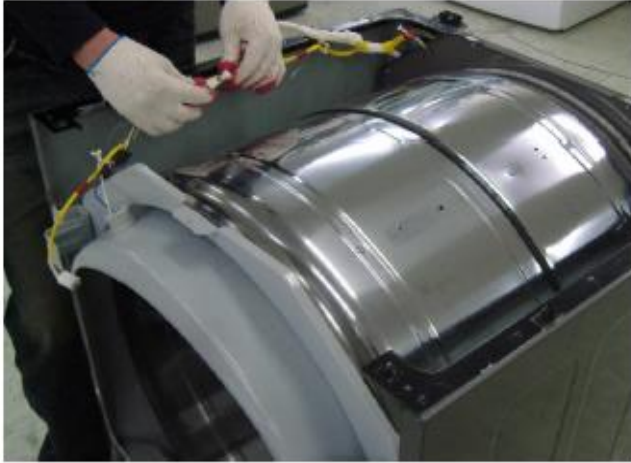
2. Pulls Door S/W to direction in 5 o'clock and separates Door S/W left part.



3. Pull Door S/W to front side.

7. Disassembly & Reassembly

- Drum Front Removal



1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top and the Frame Front.
3. Disconnect Interior Light wiring Harness.



4. Remove the four Bracket Drum Front 5 screws.

7. Disassembly & Reassembly

- Drum Front Removal



2. Disconnect the Moisture Sensor wiring Harness.



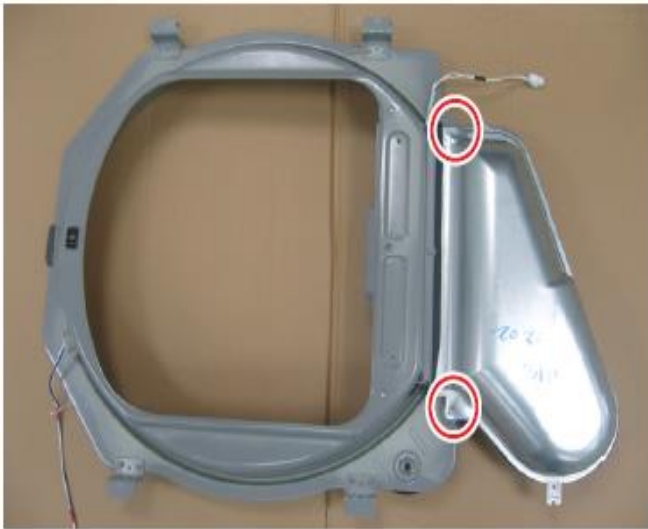
3. Remove the Drum Front.

7. Disassembly & Reassembly

- Drum Front Removal



4. Remove the filter.



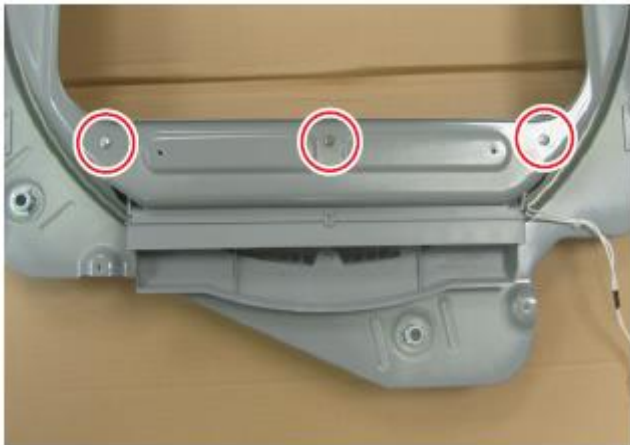
5. Remove 2 screws from the Duct Outlet.

7. Disassembly & Reassembly

- Drum Front Removal



6. Remove the Duct Outlet.



7. Remove 3 screws from the Case Filter(F).

7. Disassembly & Reassembly

- Drum Front Removal



8. Remove 1 screw from the Case Filter(B).

→ Make sure the Filter does not get damaged by the Roller.



9. Remove the Case Filter(B/F).

7. Disassembly & Reassembly

- Drum Front Removal



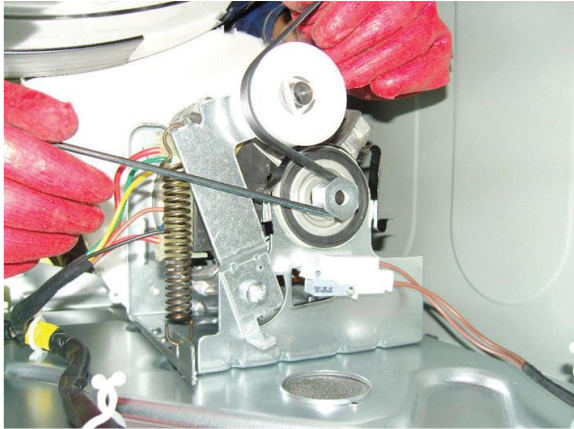
10. Disconnect 2 Housing Sensor-Plate.



11. Remove 2 Sensor-Plate.


7. Disassembly & Reassembly

- Drum Removal



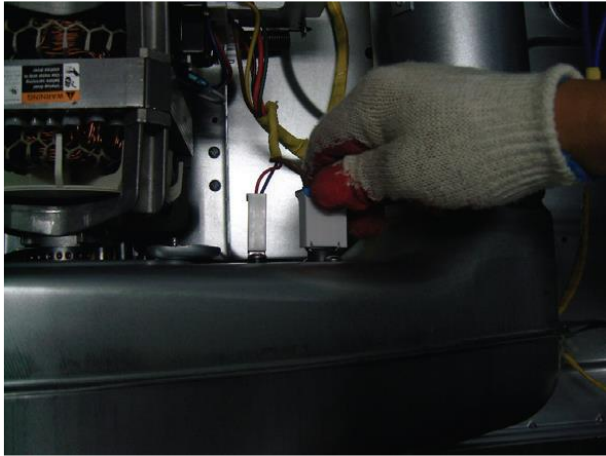
1. Disconnect the Power Supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top, the Frame Front and the Drum Front.
3. Remove Belt.



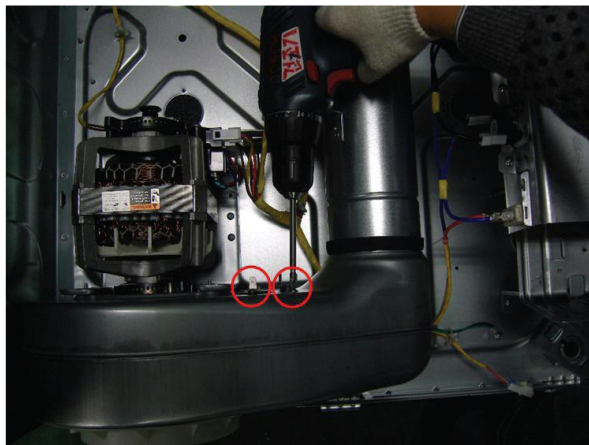
4. Remove the Drum.
 When reassemble the belt, make it located middle of the Drum.


7. Disassembly & Reassembly

Sensor(Thermistor , Thermostat)Removal



1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top, the Frame Front, the Drum Front and the Drum.
3. Remove 2 Housing Sensor.



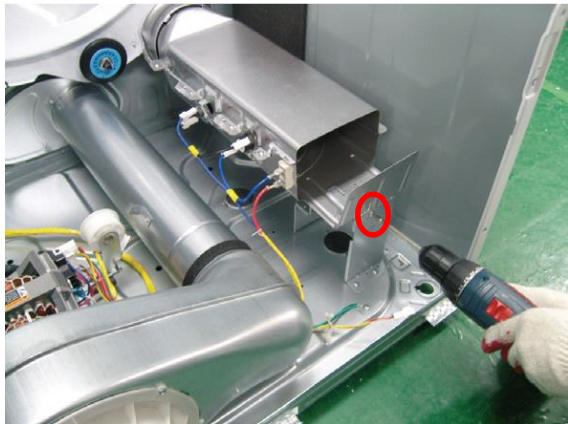
4. Remove the Sensor.
 Do not apply excessive force to the terminal.

7. Disassembly & Reassembly

- Heater Removal(Elec.)



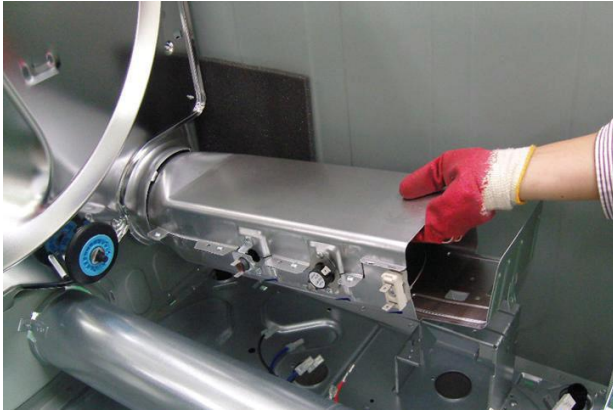
1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top, the Frame Front, the Drum Front and the Drum.
3. Removal 6 Housing Heater-Terminals.



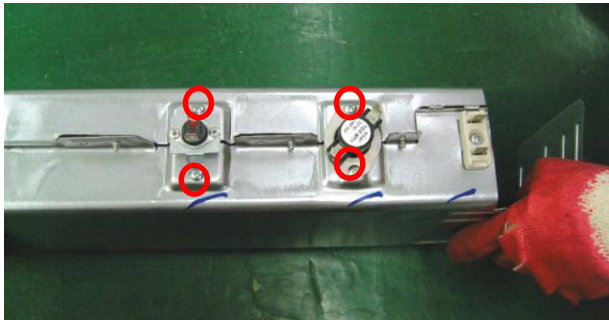
4. Remove 1 screw from the Heater.


7. Disassembly & Reassembly

Heater Removal(Elec.)



5. Separate the Heater from the Drum-back.



6. Remove 4 screws from the Thermostats.
 Do not apply excessive force to the terminal.

7. Disassembly & Reassembly

Assy Motor Removal



1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top, the Frame Front, the Drum Front and the Drum.
3. Remove 2 screws from the Duct Connector.



4. Remove 1 Housing Motor.



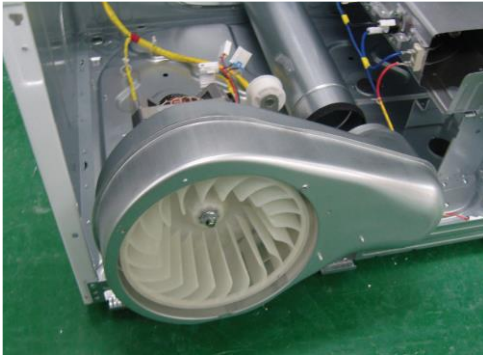
5. Remove 1 Housing Belt Cut Off Switch.

7. Disassembly & Reassembly

Assy Motor Removal



6. Remove 3 screws from the Motor-Bracket.



7. Separate the Motor Assy at the Bottom Plate.



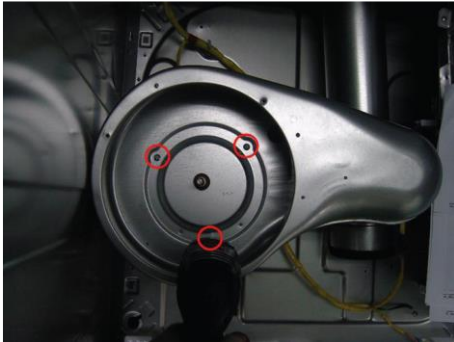
8. Remove 1 Nut Fan.
CW to remove.
CCW to assemble.

7. Disassembly & Reassembly

Assy Motor Removal



9. Remove the Fan.



10. Remove 3 screws from the Cover-Duct Fan.



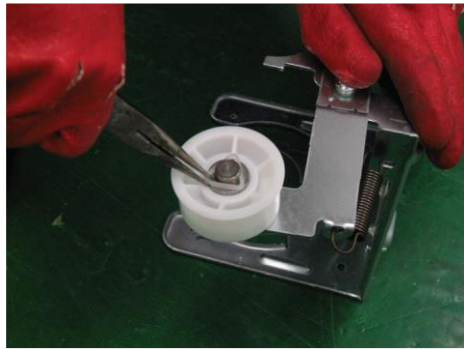
11. Remove the 2 Spring Plate.

7. Disassembly & Reassembly

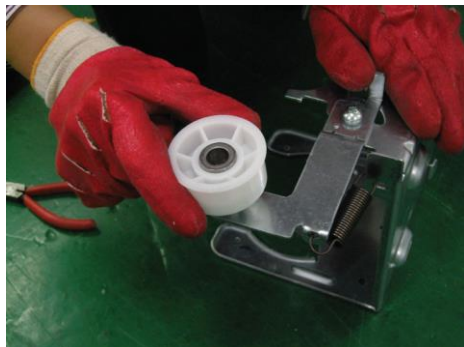
Assy Motor Removal



12. Remove the 1 screw Belt cut Off Switch.



13. Remove the Holder Shaft.



14. Remove the Roller-Idler.

7. Disassembly & Reassembly

- Drum Back Removal



1. Disconnect the Power Supply to the unit.
2. Remove the Panel Control, the Main PCB, the Top.
Cover, the Frame Front, the Drum Front and the Drum.
3. Remove 7 screws from the Drum Back.



4. Separate the wire in the Wire Holder.

7. Disassembly & Reassembly

- Drum Back Removal



5. Separate the Drum Back from the Frame.



6. Remove 4 screws from the Air Duct.

 Be careful of the Bracket edge.


7. Disassembly & Reassembly

Duct Exhaust Removal



1. Disconnect the power supply to the unit.
2. Remove 1 screws from the Back-Cover.



3. Remove 1 screw from the Duct-Exhaust.
 In case the screws for fixing a power code are dropped into the dryer, after removing Duct Exhaust, you can put it out through the hole.

7. Disassembly & Reassembly

- Burner Removal(Gas Model)

1. After the knock-down to Motor/Assy-Motor, do the following.
2. Shut off gas supply.
3. Disconnect gas pipe.
4. Remove all the connectors.
5. Remove two screws (one at the front and the other one at the back) securing Burner to Frame.

NOTE: The Igniter Bar is fragile.

So, take care when removing Burner Assy.

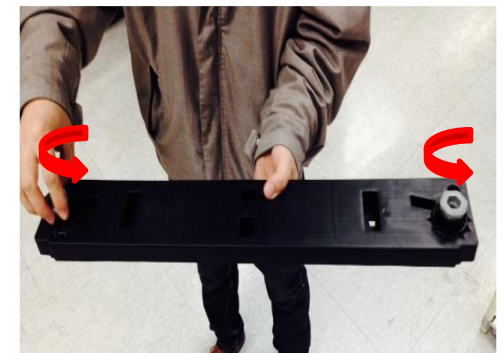
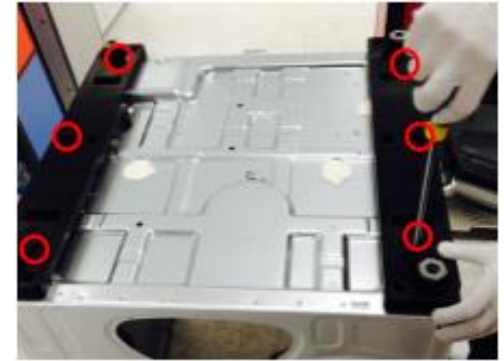
6. Remove the two screws attaching the housing to Burner Bracket.
7. Remove Burner Assy from the unit.



7. Disassembly & Reassembly

- Assy Base-stand Removal

1. Remove 3 screws from each Assy Base-stand
2. Remove 2EA Assy Base-stand from Plate Bottom
3. Each Assy Base-stand Remove 2EA Leg



The background of the slide features a dynamic, wavy blue pattern that resembles liquid or flowing fabric, with varying shades of blue and white highlights. The text "Thank You!" is centered horizontally and vertically on the slide.

Thank You !