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K748FDS

BE A **PRO** IN YOUR KITCHEN



FRENCH DOOR REFRIGERATOR

INSTALLATION GUIDE AND SERVICE MANUAL

APPLICABLE MODEL: K748FDS

1. Warnings and Precautions for Safety

Please observe the following safety precautions in order to use safely and correctly the refrigerator and to prevent accident and danger during repair.

1. Be care of an electric shock. Disconnect power cord from wall outlet and wait for more than three minutes before replacing PCB parts.
Shut off the power whenever replacing and repairing electric components.
2. When connecting power cord, please wait for more than five minutes after power cord was disconnected from the wall outlet.
3. Please check if the power plug is pressed down by the refrigerator against the wall.
If the power plug was damaged, it may cause fire or electric shock.
4. If the wall outlet is over loaded, it may cause fire.
Please use its own individual electrical outlet for the refrigerator.
5. Please make sure the outlet is properly earthed, particularly in wet or damp area.
6. Use standard electrical components when replacing them.
7. Make sure the hook is correctly engaged.
Remove dust and foreign materials from the housing and connecting parts.
8. Do not fray, damage, machine, heavily bend, pull out or twist the power cord.
9. Please check the evidence of moisture intrusion in the electrical components.
Replace the parts or mask it with insulation tapes if moisture intrusion was confirmed.
10. Do not touch the icemaker with hands or tools to confirm the operation of geared motor.
11. Do not let the customers repair, disassemble and reconstruct the refrigerator for themselves.
It may cause accident, electric shock, or fire.
12. Do not store flammable materials such as ether, benzene, alcohol, chemicals, gas, or medicine in the refrigerator.
13. Do not put flower vase, cup, cosmetics, chemicals, etc., or container with full of water on the top of the refrigerator.
14. Do not put glass bottles with full of water into the freezer.
The contents shall freeze and break the glass bottles.
15. When you scrap the refrigerator, please disconnect the door gasket first and scrap it where children are not accessible.



WARNING

To avoid risk of electrical shock that can cause death or severe personal injury, disconnect unit from power before servicing unless tests require power.

2. Specifications

Model Name		111.7302*710 _****	
Volume AHAM 2008	Total	26.1cuft.	
	Freezer	7.8cuft.	
	Refrigerator	18.3cuft.	
External Dimension (Width * Depth * Height)		35.98" x 69.81" x 33.78" (w/o Handle)	
Rated Voltage		115~120V / 60Hz	
Weight	Net	282lb (128Kg)	
	Gross (w/ Package)	310lb (141Kg)	
	Model	EGD80HLC	
	Motor Type	-	
C O O L I N G	Motor Protection	4TM445KFBYY-53	
	Comp	Running Capacitor	250VAC/13☒
		Starting Device Type	-
		Starting Device	-
		Controller Unit (Inverter)	-
	Refrigerant	R-134a	
	Quantity	6.7oz (190g)	
	Evaporator	Fin Type	
	Condenser	Fan Cooling System	
	Dryer	Molecular Sieve XH-9	
Door Switch	Freezer	On right front side of freezer wall	
	Refrigerator	In Top Cover Hinge	
Lamp	Freezer	5-LED	
	Refrigerator	9-LED	
	Dispenser	N/A	
Icemaker	Location	Freezer	
	Type	Auto Twisting with 7 Cube Tray	



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2. Specifications

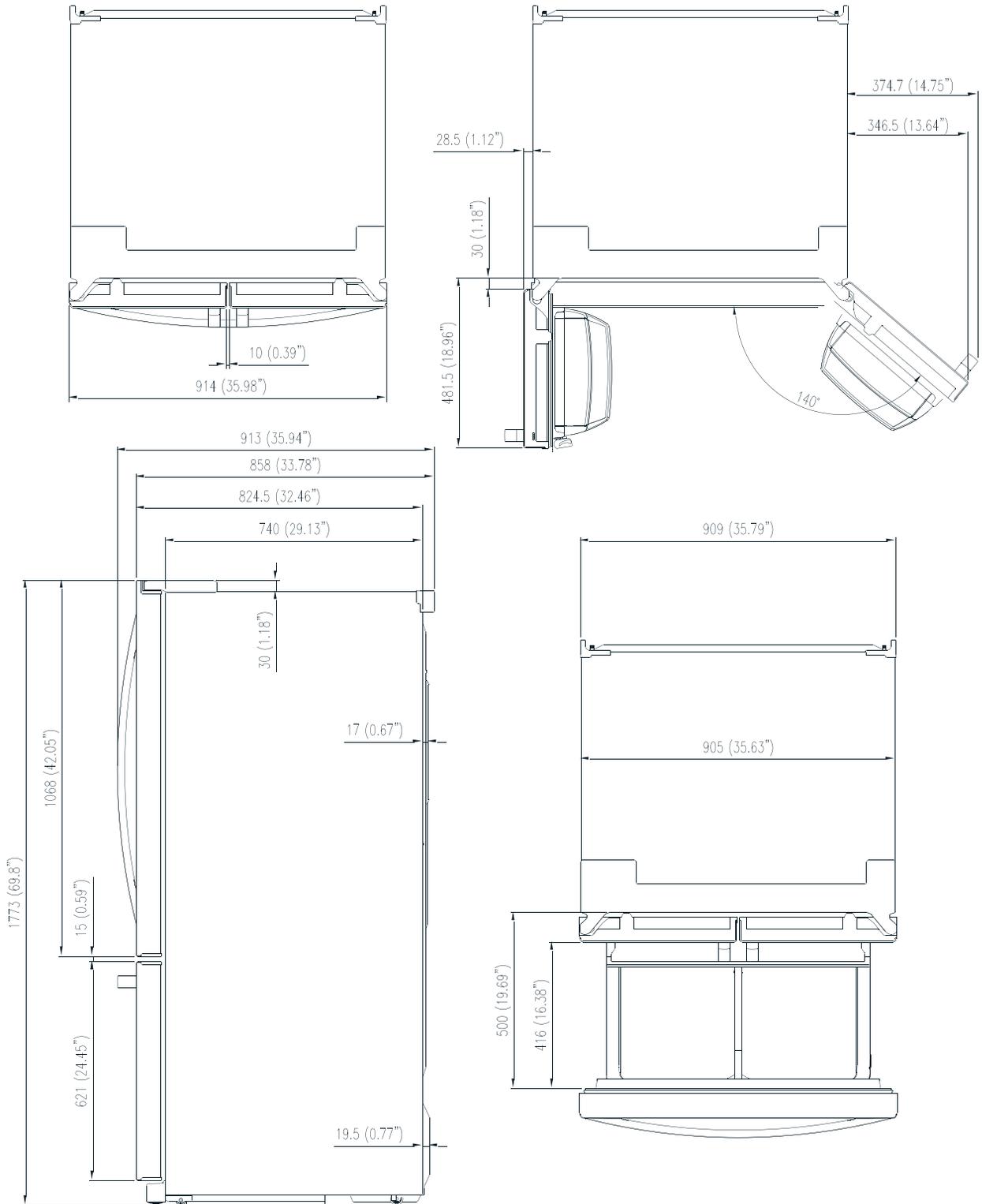
<u>(continued)</u>		
	Defrost	In Evaporator Assembly
	Freezer	On top side of the freezer wall
	Refrigerator	In Multi Flow Duct Assembly
Sensor	RT	Between Top Cabinet and Top Cover Hinge
	Icemaker Room Temp.	N/A
	Pantry Drawer Temp.	N/A
	Water Flow	In Valve Water Assembly
	Freezer Eva.	AC115V / 200W / 61~71Ω / Sheath
	Refrigerator Eva.	AC115V / 200W / 61~71Ω / Sheath
	Division	AC115V / 8W / 1521 ~ 1785Ω
Heater	Water Tank	N/A
	Dispenser Ice Flap	N/A
	R Motor behind Eva	N/A
	Icemaker Water Hose	AC120V / 5.5W / 2409~2828Ω
	Icemaker Room Heater	N/A
	Fuse Temp (Defrost)	AC250V , 10A , 77
	Freezer Fan	DC13V / D4612AAA29
	Refrigerator Fan	DC13V / D4612AAA36
Motor	Condenser Fan	DC13V / D4612AAA28
	Dispenser Ice Shut	N/A
	Ice Crusher	N/A
	Ice Type Selector	N/A
	Damper	DC12V / DU24-113 / 1pcs



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3. External Dimensions



WARNING

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4. Features

4-1. Exterior



Included Parts

Hex Wrench(2.5mm) in User Manual Bag, Standoff
Screws on doors



WARNING

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disconnect unit from power before servicing unless tests require power.

4. Features

4-2. Interior



Shelves
Adjustable,
Spill proof

Mullion Bar

Icemaker

**Humidity Controlled
Crisper**
Vegetable & Fruit



Dairy Bin

Utility Bin
Adjustable

Gallon Bin
Adjustable

Gallon Bin
Adjustable

Auto Pull Out Drawer



Button Door Switch

Freezer Base Drawer

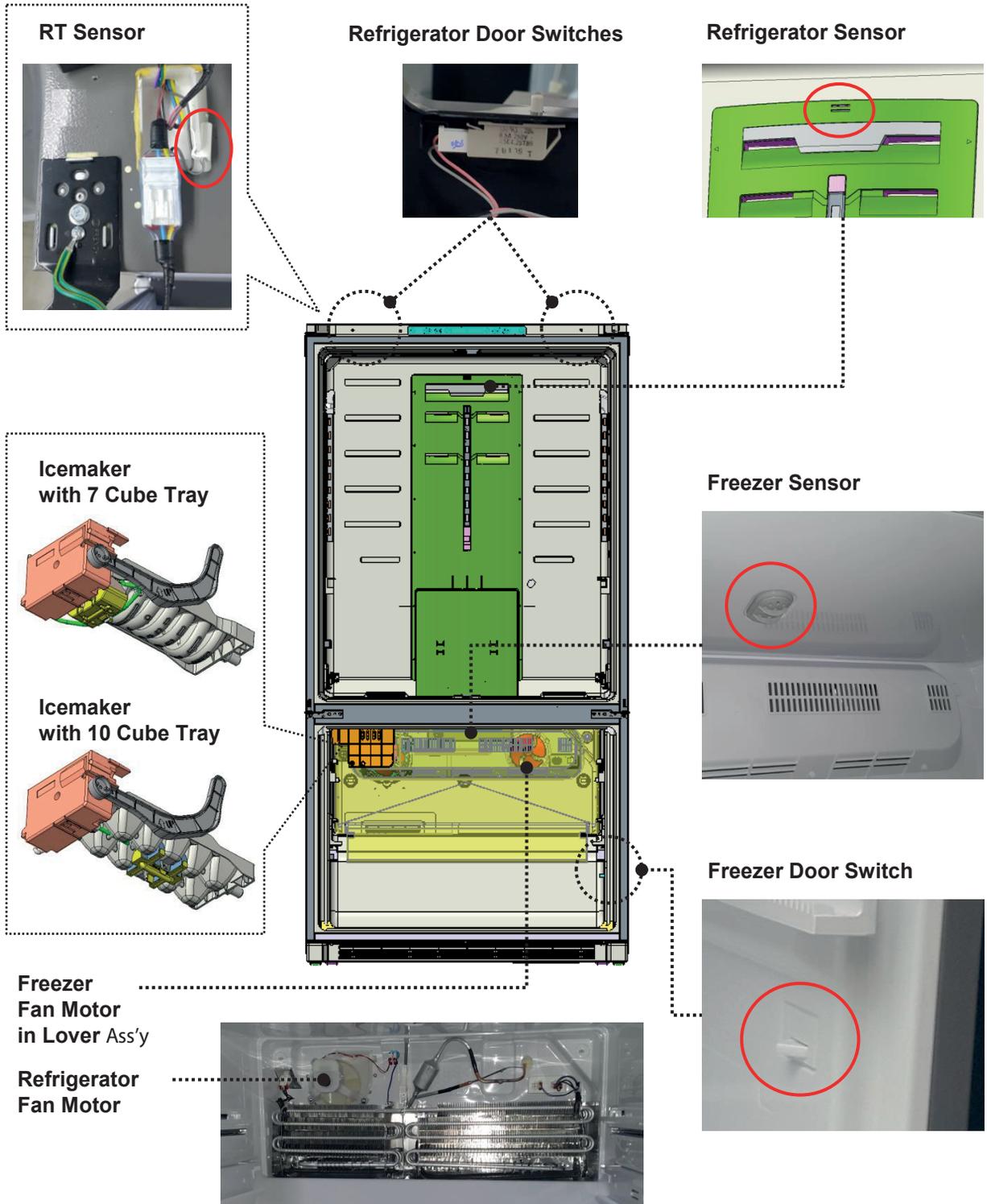


WARNING

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4. Features

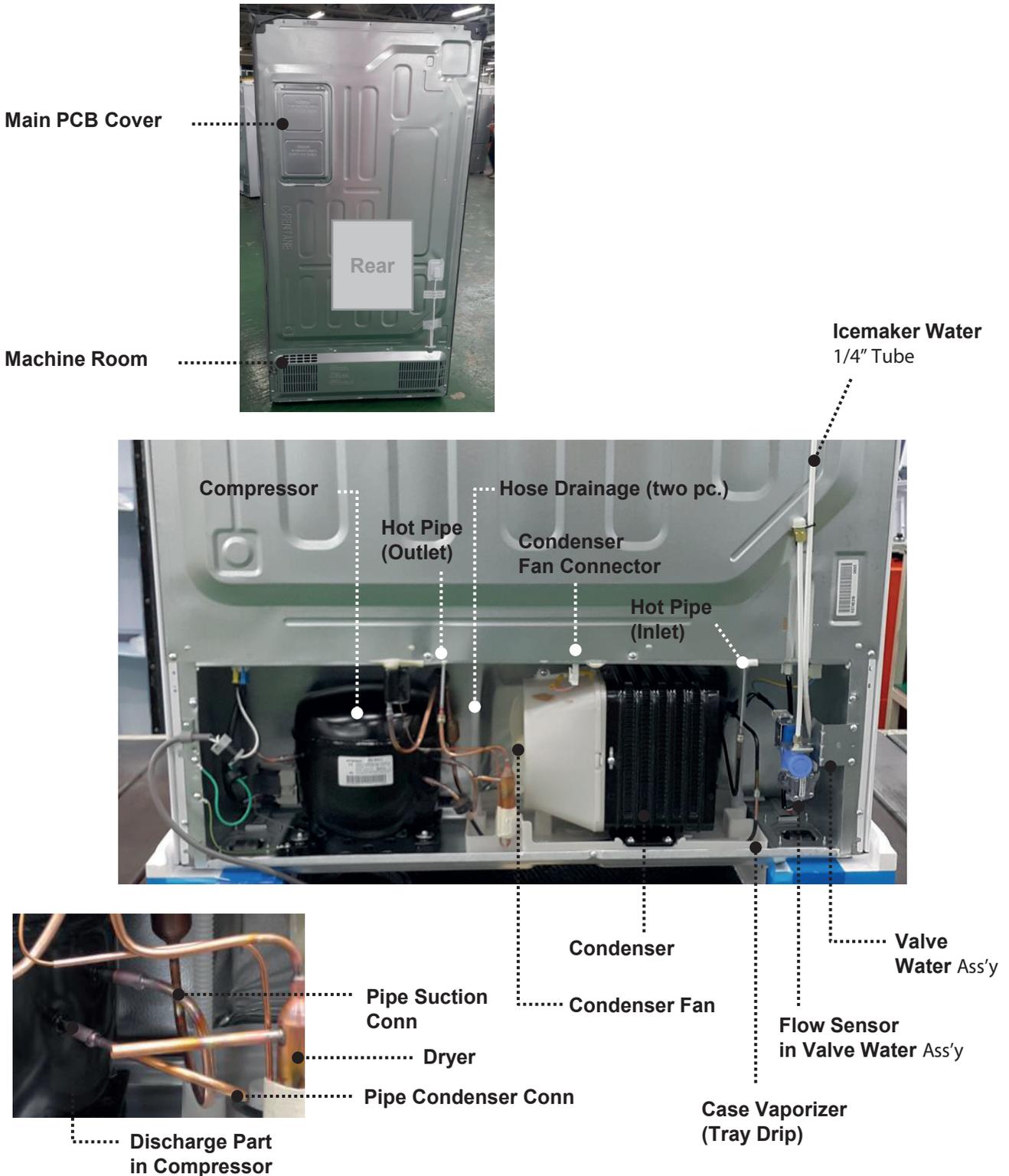
4-3. Others



WARNING To avoid risk of electrical shock that can cause death or severe personal injury, disconnect unit from power before servicing unless tests require power.

4. Features

4-4. Others (Continued)



WARNING

To avoid risk of electrical shock that can cause death or severe personal injury, disconnect unit from power before servicing unless tests require power.

10. Disassemble/Assemble Procedures

10-1. Water Valve Assembly

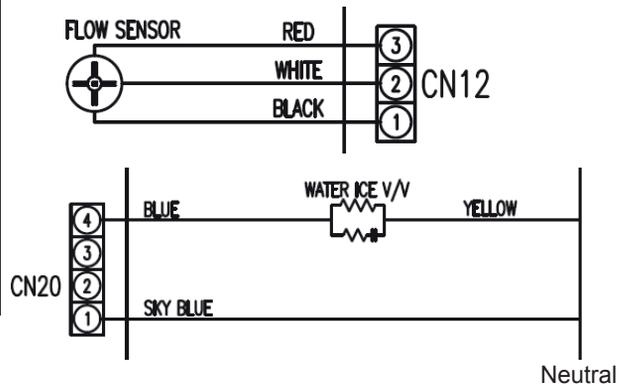
Follow the reverse order when assembling.

Step	Description
1	 CAUTION Turn off the main water supply to the appliance.
2	 Remove cover machine room on the back side of refrigerator and unscrew.
3	 Remove 1/4" tube connected to water flow sensor from the hose icemaker tube while pressing the part (A).



MAIN PCB

Water Flow Sensor



Remark :

- Remove any residual matter inside the water supply line after installation.
 - 1) Turn on the main water supply to the refrigerator .
 - 2) Do the icemaker Test Mode and throw away the ice on tray.
 - 3) And then empty the ice storage bucket check. Be sure no water on the bucket.



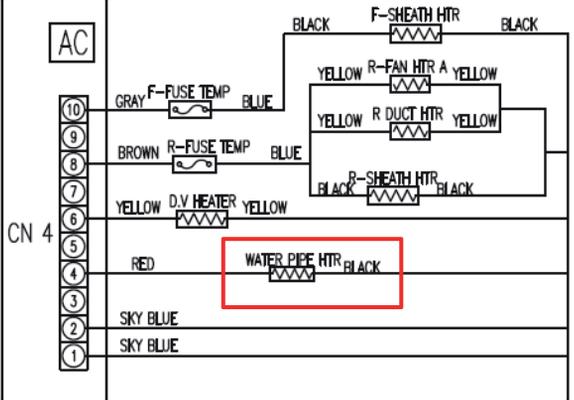
WARNING

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10. Disassemble/Assemble Procedures

10-2. Icemaker and Hose Icemaker Tube Assembly

Follow the reverse order when assembling.

Step	Description	Step	Description
1	 <p>Remove drawers</p>	5	 <p>Unscrew and remove the hose icemaker tube cover on back of cabinet.</p>
2	 <p>Unscrew and remove icemaker on the top of the freezer wall.</p>	6	 <p>Remove icemaker tube and silicon water inlet part. And then pull out the hose carefully not to damage the wires.</p>
3	  <p>Disconnect the connector of icemaker.</p>	 <p>MAIN PCB</p> 	
4	 <p>Disconnect the connector of Hose Icemaker Tube Heater.</p>		

Remark :

Neutral

- After assembling, push the test button and confirm the icemaker operation include water supply.
- After finishing test, the ice bucket should be emptied because the ice cubes in icemaker tray could be not fully frozen.



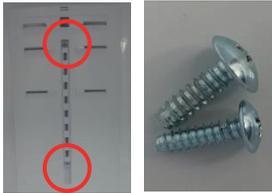
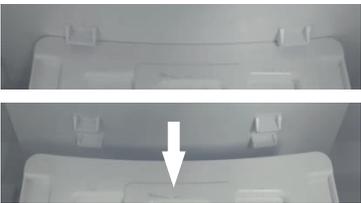
WARNING

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10. Disassemble/Assemble Procedures

10-3. Cover Multi-duct Assembly

Follow the reverse order when assembling.

Step	Description	Step	Description
1	 <p>Remove shelves and two vegetable cases.</p>	5	 <p>Remove two caps with a thin flat tool.</p>
2	 <p>Press two fixing hooks in top of the divider and pull the divide out from the vegetable cover to remove.</p>	6	 <p>Loosen the upper screw(big one; outside diameter of thread 5mm) and lower screw(small one; outside diameter of thread 4mm)</p>
3	 <p>Remove the vegetable cover. and full wide drawer cover.</p>	7	 <p>Hold the top side of the Cover Multi-duct and then pull it to release hooks.</p>
4	 <p>Remove the full wide drawer cover.</p>	8	 <p>Disconnect a sensor connector and a damper connector from back wall.</p>

Remark :

- Do not use the small screw in the upper side of Multi-duct Assembly. The screw could be loose.



WARNING

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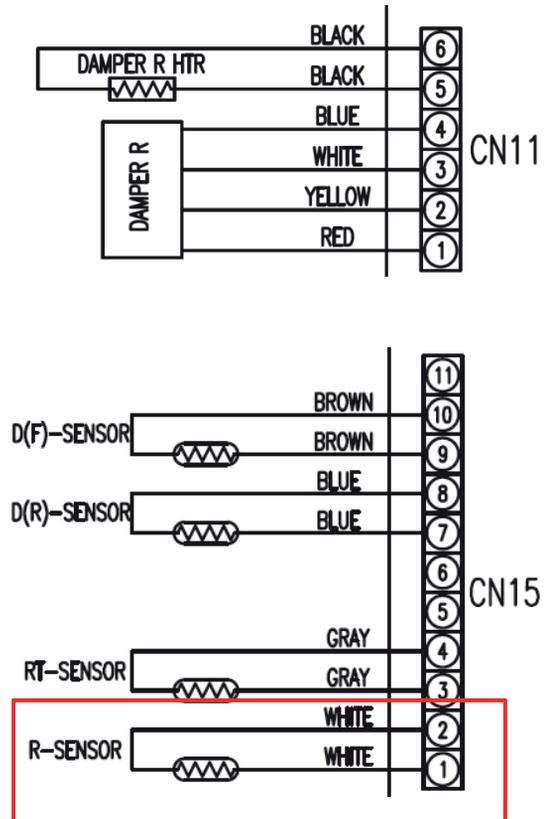
10. Disassemble/Assemble Procedures

10-4. Refrigerator Sensor and R Damper in Cover Multi-duct Assembly

Follow the reverse order when assembling.

Step	Description
1	 <p>Separate the insulator from the multi-duct cover.</p>
2	 <p>Remove R sensor on the upper side of cover.</p>
3	<p>Insulator C</p>  <p>Take off the tape and separate Insulator C covered R damper. Before disassembly check the arrangement of wires and connector.</p>
4	<p>Insulator D</p>  <p>Separate Insulator D and remove R damper.</p>

MAIN PCB



Remark :



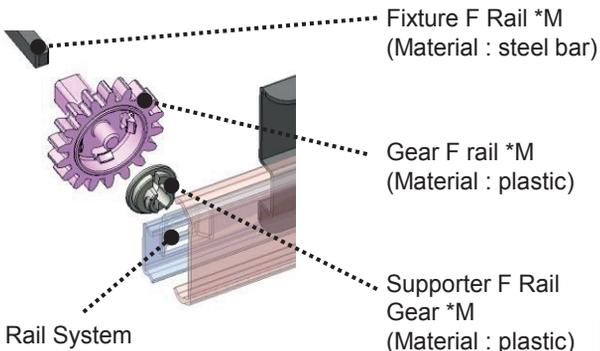
WARNING

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10. Disassemble/Assemble Procedures

10-5. Freezer Louver Assembly

Follow the reverse order when assembling.

Step	Description	Step	Description
1	 <p>Remove freezer drawers.</p>	5	 <p>Disconnect the connectors of F fan motor.</p>
2	 <p>Press the left fixing hook of the rail system. Holding the top of the F door, pull it out a little to release. Repeat release the right hook as same way. And then fully open the door to remove.</p>	 <p>Fixture F Rail *M (Material : steel bar)</p> <p>Gear F rail *M (Material : plastic)</p> <p>Supporter F Rail Gear *M (Material : plastic)</p> <p>Rail System</p>	
3	 <p>Remove two caps and screws.</p>		
4	 <p>Holding the left side of Louver, pull it forward. Be careful no to damage the wires in the right side.</p>		

Remark :

- After installing the f door, fully push and close it to align left and right rack gear tooth. And check locking rail system.
- If necessary, assemble one Gear F Rail *M in the rail system. Push and assemble another one Gear Rail F *M on opposite side of rail.



WARNING

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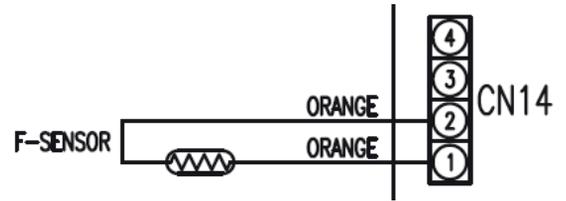
10. Disassemble/Assemble Procedures

10-6. Freezer Sensor

Follow the reverse order when assembling.

Step	Description
1	 <p data-bbox="162 840 618 894">Remove F sensor cover from the top of the freezer wall.</p>

MAIN PCB



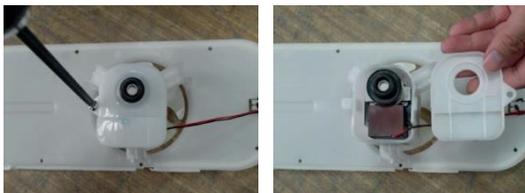
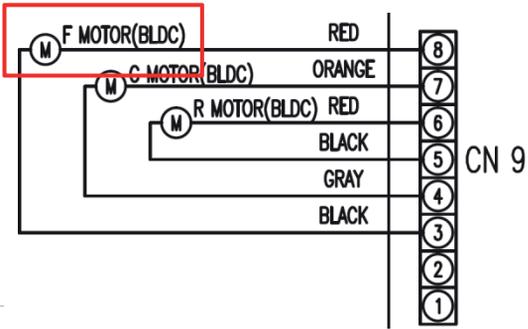
WARNING

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10. Disassemble/Assemble Procedures

10-7. F Fan and Fan Motor

Follow the reverse order when assembling.

Step	Description	Step	Description
1	<p>Fixture F Motor A</p>  <p>Loosen 8 screws to remove Fixture F Motor A.</p>	5	 <p>Break the shaft(plastic) of fan blade. Do not use the old fan again. Be careful not to damage the shaft of motor if the motor is used again. Remove the fan and motor.</p>
2	 <p>Loosen a screw to remove Cover Fan Motor</p>		
3	 <p>Separate the wires from hook. Remember how to arrange the wires.</p>		
4	 <p>Supporting the back side of fan with a finger, pull out and remove the fixing spring with a long nose plier. If necessary, scratch the lock paint(green one).</p>		<p>MAIN PCB</p> 

Remark :

<div style="border: 1px solid black; padding: 2px; color: red; font-weight: bold;">NG</div>		<p>Show the left picture. If you strongly pull out the fan blade and remove, the fan and shaft of the motor will be damage and have a bad performance.</p>
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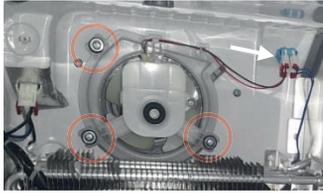
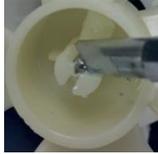
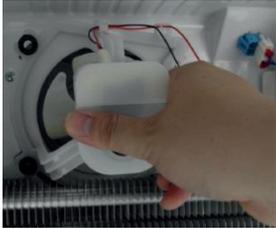
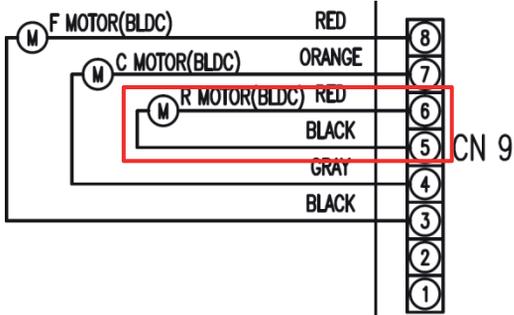
WARNING

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10. Disassemble/Assemble Procedures

10-8. Refrigerator Fan and Fan Motor in freezer

Follow the reverse order when assembling.

Step	Description	Step	Description
1	  <p>Loosen 3 special screws(stay bolts) and disconnect the connector.</p>	5	  <p>Break the shaft(plastic) of fan blade. Do not use the old fan again. Be careful not to damage the shaft of motor if the motor is used again. Remove the fan and motor.</p>
2	 <p>Separate the R Fan Motor assembly.</p>	6	 <p>If necessary, remove the rubber vibration isolator in the front of the Fixture R Motor.</p>
3	 <p>Remember how to arrange the wires. Remove wires from a hooks.</p>	<p>MAIN PCB</p> 	
4	  <p>Supporting the back side of fan with a finger, pull out and remove the fixing spring with a long nose plier. If necessary, scratch the lock paint(green one).</p>		

Remark :

NG	 	<p>Show the left picture. If you strongly pull out the fan blade and remove, the fan and shaft of the motor will be damage and have a bad performance.</p>
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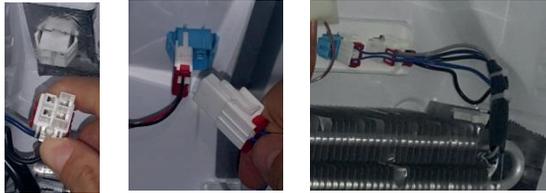
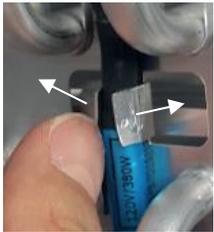
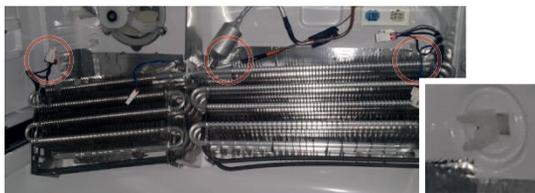
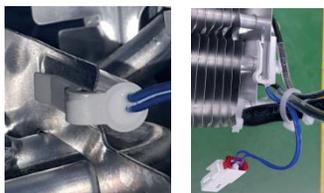
WARNING

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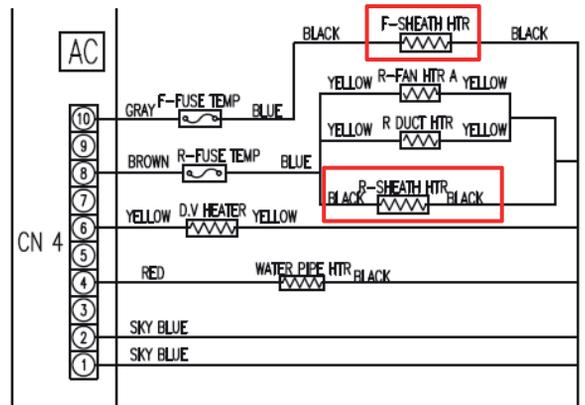
10. Disassemble/Assemble Procedures

10-9. Freezer Defrost Sensor and Heater in the Evaporator Assembly

Follow the reverse order when assembling.

Step	Description	Step	Description
1	 <p>Remove the connectors of R(middle) & F(right) Defrost Sensor and R(left) & F(right) Heater</p>	5	 <p>Spread out the upper clamping parts (the left and right side of Eva) to remove the pipe of defrost heater.</p>
2	 <p>Pull out the evaporator from 3 hooks on the back wall.</p>	6	 <p>Bend out the lower clamping parts (the left and right side of Eva) to remove the pipe of defrost heater. Remove F/R heater from Eva.</p>
3	 <p>Cut the cable ties and remove the defrost sensors on middle and right side of Eva.</p>		
4	 <p>Cut the cable ties and remove two temp fuses on left and right side of Eva.</p>		

MAIN PCB



Remark :

Neutral

- Do not miss cable ties. They could block two drain holes and the drain water will overflow into freezer.



WARNING

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10. Disassemble/Assemble Procedures

10-10. Condenser Fan Motor in the Machine Room

Follow the reverse order when assembling.

Step	Description	Step	Description
1	 <p>Disconnect the connector of C Fan Motor.</p>	5	 <p>Break the shaft(plastic) of fan blade. Do not use the old fan again. Be careful not to damage the shaft of motor if the motor is used again. If necessary, scratch the lock paint(green one).</p>
2	 <p>Loosen 2 screws.</p>	6	 <p>Loosen 2 screws.</p>
3	 <p>Push the fixing hook in the left direction to separate the C Fan Motor Assembly.</p>	7	 <p>Remember how to arrange the wires. Remove the C fan motor.</p>
4	 <p>Supporting the back side of fan with 2 fingers, pull out and remove the fixing spring with a long nose plier. If necessary, scratch the lock paint(green one).</p>		

Remark :



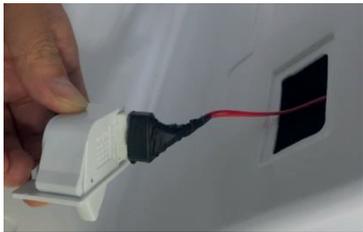
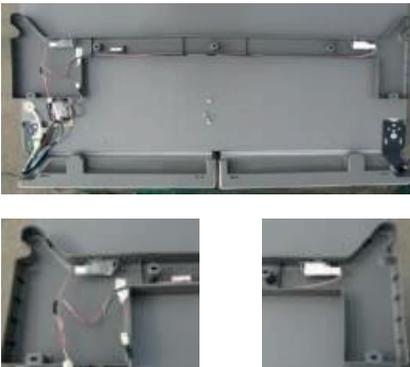
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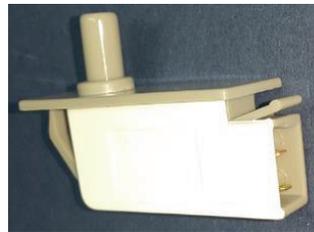
To avoid risk of electrical shock that can cause death or severe personal injury, disconnect unit from power before servicing unless tests require power.

10. Disassemble/Assemble Procedures

10-11. Freezer and Refrigerator Door Switches

Follow the reverse order when assembling.

Step	Description	Step	Description
1	 <p>Remove the F door switch with flat-blade screwdriver.</p>	1	 <p>Loosen screws and remove the top hinge cover.</p>
2	 <p>Disconnect the connector.</p>	2	 <p>Remove two door switches and disconnect the connectors.</p>



Remark :



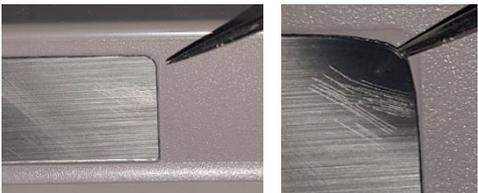
WARNING

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10. Disassemble/Assemble Procedures

10-12. Front Control Panel Window on the Top Hinge Cover

Follow the reverse order when assembling.

Step	Description
1	 <p data-bbox="164 540 671 569">Loosen screws and remove the top hinge cover.</p>
2	 <p data-bbox="164 879 664 937">Remove the window film carefully with a sharp tool.</p>
3	  <p data-bbox="364 1072 678 1101">Remove the adhesive of film.</p>

Remark :



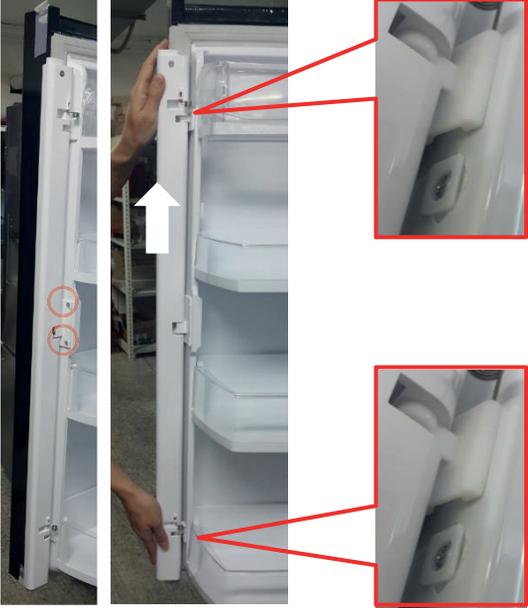
WARNING

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10. Disassemble/Assemble Procedures

10-13. Mullion Bar Assembly

Follow the reverse order when assembling.

Step	Description
1	 <p data-bbox="178 1023 606 1110">Loosen 2 screws. Grip the upper and lower side of the bar. Push it up to remove.</p>
2	 <p data-bbox="406 1284 692 1342">Disconnect the mullion bar heater(AC) connector.</p>



Assemble Procedures at Middle Hinge Part

Align the 2 screw holes on the door with the mounting holes on the middle hinge of mullion bar after fitting two hooks certainly. And then tighten 2 screws.

Remark :



WARNING

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10. Disassemble/Assemble Procedures

10-14. Interior F/R Lamp

Follow the reverse order when assembling.

Step	Description	Step	Description
1	 <p>Pushing the front side of F lamp cover, pull it down to remove.</p>	2	 <p>Loosen 2 screws</p>
2	 <p>Loosen 2 screws to remove the lamp.</p>	3	 <p>Make a gap between the lamp holder and the top side of refrigerator using thin flat tip tool. And pull the holder down to remove.</p>
3	 <p>Disconnect the F lamp connector.</p>	4	 <p>Disconnect the R lamp connector.</p>
1	 <p>Release two hooks at the back side of R lamp cover carefully and remove the ramp cover.</p>	5	 <p>Release hooks and remove the lamp.</p>

Remark :

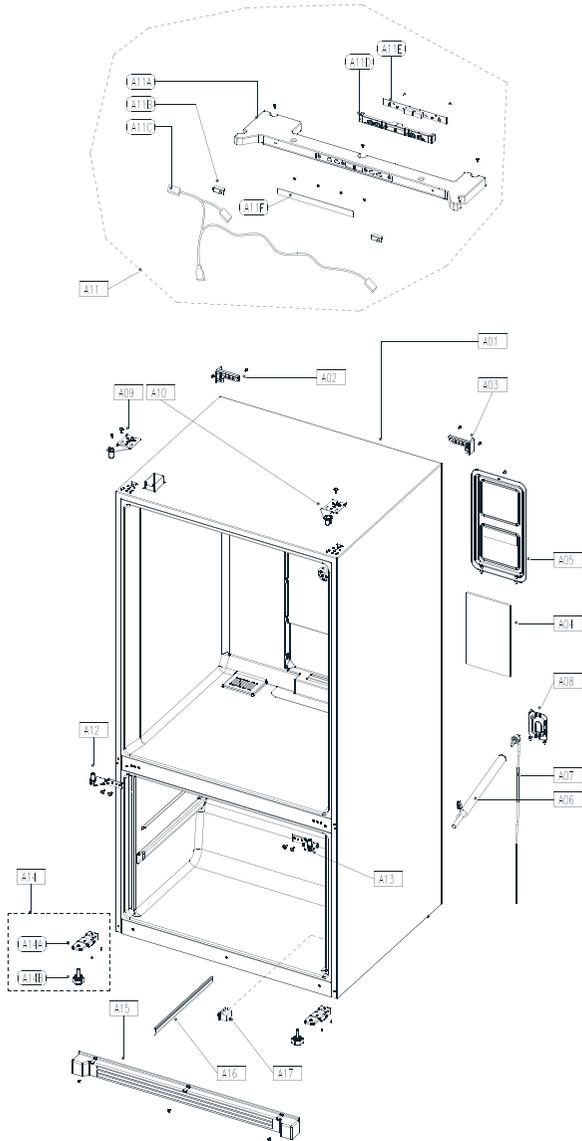


WARNING

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11. Service Part List.

11-1. Cabinet



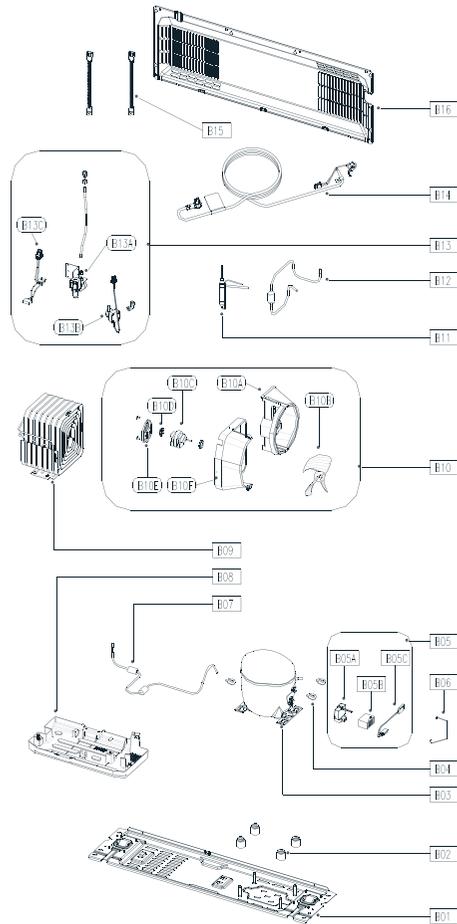
NO	PART-CODE	PART NAME	SPEC.	Quantity			SVC Part	Remark
				RFP74KBTJ* 111.73025#	RFP74KBWC* 111.73022#	RFP74KBBC* 111.73029#		
A01	-	ASSY CAB PRE	RFP74KB	1	1	1	N	
A02	-	HANDLE CAB COVR *L	PP(M/B)	1	1	1	Y	
A03	-	HANDLE CAB COVR *R	PP(M/B)	1	1	1	Y	
A04	-	REF PCB MAIN ASSY	Only use with 7 cube Icemaker! Only use with 10 cube Icemaker!	1	1	1	Y	Model: 111.7302*710 Model: 111.7302*711
A05	-	COVER M/PCB BOX AS	RFS-702ETU	1	1	1	Y	
A06	-	HOSE I/MAKER TUBE AS	PIPE+HTR 120V 5.5W+SEAL	1	1	1	Y	
A07	-	GUIDE CAB W/TUBE A1 AS	SLICON+FITTING+TUBE	1	1	1	Y	
A08	-	COVER GUIDE CAB W/TUBE AS	PP+SEAL	1	1	1	Y	
A09	-	HINGE *T *L AS	RFS-702ETU	1	1	1	Y	
A10	-	HINGE *T *R AS	RFS-702ETU	1	1	1	Y	
A11	-	COVER HI *T AS	GRAY RFP74KB	1	0	0	Y	
	-	COVER HI *T AS	WHITE RFP74KB	0	1	0		
	-	COVER HI *T AS	BLACK RFP74KB	0	0	1		
A11	A	COVER HI *T	GRAY RFP74KB	1	0	0	N	
	-	COVER HI *T	WHITE RFP74KB	0	1	0		
	-	COVER HI *T	BLACK RFP74KB	0	0	1		
A11	B	SWITCH H/BAR DR AS	SP101B-2D1(G) GRAY	2	2	2	Y	
A11	C	HARNESS R DR SW AS	RFS-702ETU	1	1	1	Y	
A11	D	FRAME FCP	FRAME+FRONT PCB+SCREW	1	1	1	N	
A11	E	WINDOW FCP	GRAY RFP74KB	1	0	0	Y	
			WHITE RFP74KB	0	1	0		
			BLACK RFP74KB	0	0	1		
A12	-	HINGE *M *L AS	RFS-702ETU	1	1	1	Y	
A13	-	HINGE *M *R AS	RFS-702ETU	1	1	1	Y	
A14	-	BRACKET ADJ FT AS	RFS-702ETU	2	2	2	Y	
A14	A	BRACKET ADJ FT SAS	RFS-702ETU	2	2	2	N	
A14	B	FOOT ADJ AS	PP+BOLT INSERT	2	2	2	Y	
A15	-	COVER CAB BRKT AS	COVER+VINYL+SEAL	1	1	1	Y	
A16	-	GASKET CAB BASE	PVC(S+H/2)	1	1	1	Y	
A17	-	SWITCH LAMP *R	SP201R-7DR	1	1	1	Y	

- Some parts can be changed for improving their performance without notice.

No	DATE	NOTE	REMARK
1	9/15.2017	Add the parts for model 111.7302*711	

11. Service Part List.

11-2. Machine Room



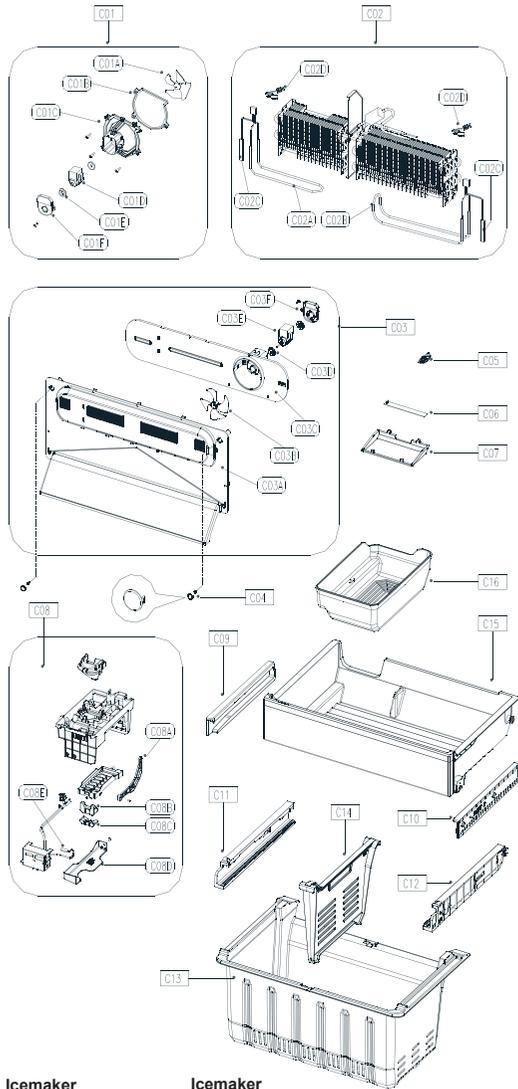
NO	PART-CODE	PART NAME	SPEC.	Quantity			SVC Part	Remark
				RFP74KBTJ* 111.73025#	RFP74KBWC* 111.73022#	RFP74KBBC* 111.73029#		
B01	- - 30103-0013700-01	BASE COMP AS	RFS-701DTU	1	1	1	Y	
B02	- - 60101-0000600-01	ABSORBER COMP	NBR	4	4	4	Y	
B03	- - 60110-0024900-00	COMPRESSOR	EGD80HLC R134a 115V/60Hz	1	1	1	Y	
B04	- - 3016002500	SPECIAL WASHER COMP	SK-5 T0.8XW22XL24.5	3	3	3	Y	
B05	- - 60181-0013500-00	SWITCH P TSD AS	115V/60Hz EGD80HLC RFP74KB	1	1	1	Y	
B05	A - 60131-0012100-00	RELAY STARTING AS	TSD2 513605011, OLP 445KFBY-77	1	1	1	Y	
B05	B - 3016405700	CAPACITOR RUN	250V, 12µF, DMF-2512065H	1	1	1	Y	
B05	C - 60127-0054300-01	HARNESS P RELAY AS	RFP74KB EGD80HLC	1	1	1	N	
B06	- - 30112-0002000-00	CLAMP BAND RELAY	SUS304 RFP74KB	1	1	1	Y	
B07	- - 60144-0040200-02	PIPE CONN A1 AS	RFP74KB EGD80HLC	1	1	1	Y	
B08	- - 30111-0054800-00	CASE VAPORI AS	UL Part, RFP702	1	1	1	Y	
B09	- - 60144-0022800-03	PIPE WICON AS	6ROW CON FRX-608F	1	1	1	Y	
B10	- - 30185-0000900-01	M/BELL AS	RFS-702ETU	1	1	1	Y	
B10	A - 3018500200	M/BELL A1	PP	1	1	1	Y	
B10	B - 60118-0001400-01	FAN	ABS OD150	1	1	1	Y	
B10	C - 3015920000	MOTOR C FAN AS	D4612AAA28	1	1	1	Y	
B10	D - 3010107100	ABSORBER F MOTR	NBR	2	2	2	Y	
B10	E - 3012021700	FIXTURE MOTR	PP	1	1	1	Y	
B10	F - 30185-0000600-01	M/BELL A2	PP	1	1	1	N	
B11	- - 60168-0001700-03	DRYER AS	10g FR-B512F	1	1	1	Y	
B12	- - 60144-0040100-00	PIPE SUC CONN	RFP74KB EGD80HLC	1	1	1	N	
B13	- - 60154-0004500-01	VALVE WATER AS	AC110-127V RFP74KB	1	1	1	Y	
B13	A - 60154-0004600-00	VALVE WATER	AC110~127V 60Hz 20W SINGLE	1	1	1	N	
B13	B - 60148-0001701-00	SENSOR FLOW AS	SENSOR+PROTECT TUBE RFP74KB	1	1	1	Y	
B13	C - 60127-0018401-00	HARNESS VALV AS	RFP74KB	1	1	1	Y	
B14	- - 60113-0004605-00	CORD POWER AS	KKP-34(USA), BNF-18 (1 TURN)	1	1	1	Y	
B15	- - 3013201700	HOSE DRN A2	PE FRB-5350NT	2	2	2	Y	
B16	- - 30114-0008302-01	COVER MACH RM AS	GI T0.35,SEAL GRILL RFP70*	1	1	1	Y	

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No	DATE	NOTE	REMARK

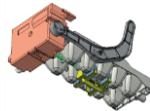
11. Service Part List.

11-3. F-Room



Icemaker with 7 Cube Tray

Icemaker with 10 Cube Tray



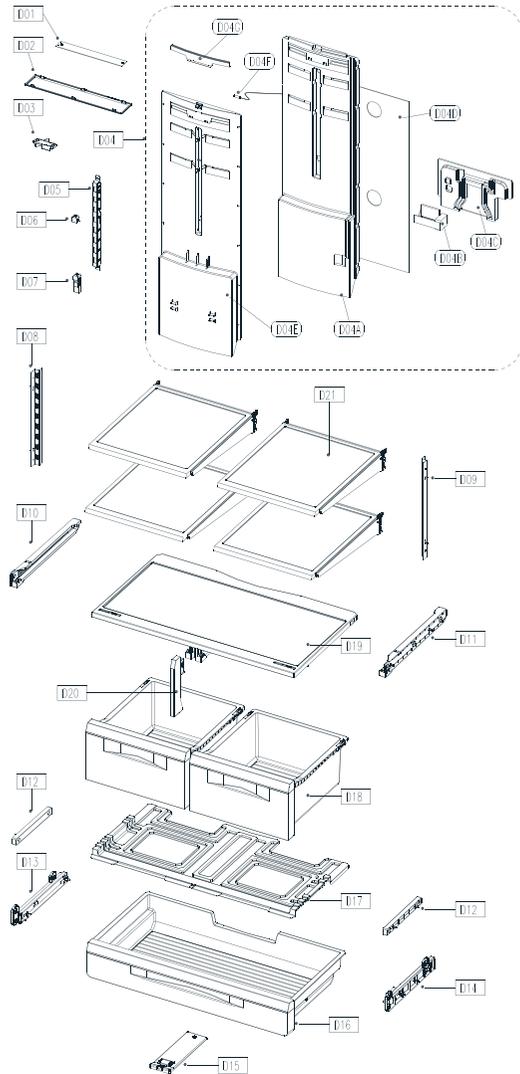
NO	PART-CODE	PART NAME	SPEC.	Quantity			SVC Part	Remark
				RFP74KBTJ* 111.73025#	RFP74KBWC* 111.73022#	RFP74KBBB* 111.73029#		
C01	- - 30120-0030100-00	FIXTURE R MOTR A2 AS	RFP74KB	1	1	1	Y	
C01	A - 60118-0001200-01	FAN	OD100,SHAFT OD3.17	1	1	1	Y	
C01	B - 60101-0007500-00	ABSORBER FIXR MOTR	SILICON 45 RFP74KB	1	1	1	N	
C01	C - 30120-0029900-00	FIXTURE R MOTR A2	PP(GF30) RFP74KB	1	1	1	N	
C01	D - 3015924900	MOTOR R FAN	D4612AAA36/DC 13V	1	1	1	Y	
C01	E - 3010107100	ABSORBER F MOTR	NBR	2	2	2	Y	
C01	F - 3012023700	FIXTURE MOTR S3	PP	1	1	1	Y	
C02	- - 60170-0004504-01	EVA AS	115V, 200W, RFS-702*	1	1	1	Y	
C02	A - 60128-0005503-00	HEATER R SHEATH AS	AC115V, 200W	1	1	1	Y	
C02	B - 60128-0005402-00	HEATER F SHEATH DEFR AS	AC115V, 200W	1	1	1	Y	
C02	C - 60172-0001502-00	FUSE TEMP AS	SW-105T(77C)	2	2	2	Y	
C02	D - 3014808900	SENSOR RT DEFR AS	PBN-43B	2	2	2	Y	
C03	- - 30189-0005900-02	LOUVER F AS	RFS-702ETU	1	1	1	Y	
C03	A - 30189-0005400-01	LOUVER F	HIPS	1	1	1	Y	
C03	B - 60118-0001200-01	FAN	OD100,SHAFT OD3.17	1	1	1	Y	
C03	C - 30120-0008200-01	FIXTURE F MOTR A1	PP(NTR)	1	1	1	Y	
C03	D - 3010107100	ABSORBER F MOTR	NBR	2	2	2	Y	
C03	E - 60159-0006500-01	MOTOR F AS	D4612AAA29	1	1	1	Y	
C03	F - 3012023700	FIXTURE MOTR S3	PP	1	1	1	Y	
C04	- - 3010924600	CAP F LUVR	HIPS	2	2	2	Y	
C05	- - 3011442610	COVER F SENS	ABS(GR)	1	1	1	Y	
C06	- - 30143MAR10	REF PCB SUB ASSY	5-LED, CEM-1, 125X20X1.6T(3PIN)	1	1	1	Y	
C07	- - 3015514900	WINDOW F LAMP	ABS	1	1	1	Y	
C08	- - 30122-0041900-02	FRAME I/MAKER AS	Only use with PCB MAIN AS for 7cube!	1	1	1	Y	Model: 111.7302*710
	30122-0041901-00		Only use with PCB MAIN AS for 10cube!					Model: 111.7302*711
C08	A - 30137-0006400-00	LEVER ICE	ABS	1	1	1	Y	
C08	B - 30133-0025600-00	INSU SENS I/MAKER	F-PS for 7cube icemaker	1	1	1	N	Model: 111.7302*710
	3013348800		F-PS for 10cube icemaker					Model: 111.7302*711
C08	C - 30114-0108400-00	COVER SENS I/MAKER	PP for 7cube icemaker	1	1	1	N	Model: 111.7302*710
	3011483700		PP for 10cube icemaker					Model: 111.7302*711
C08	D - 30114-0105600-00	COVER I/MAKER FRAME	ABS	1	1	1	N	
C08	E - 60148-0005601-00	SENSOR I/MAKER AS	for 7cube icemaker	1	1	1	N	Model: 111.7302*710
	60148-0005601-00		for 10cube icemaker					Model: 111.7302*711
C09	- - 30125-0042000-01	GUIDE F CASE *T *L	ABS	1	1	1	Y	
C10	- - 30125-0042100-01	GUIDE F CASE *T *R	ABS	1	1	1	Y	
C11	- - 30153-0005900-04	SUPPORTER F DRAW RAIL *L	ABS	1	1	1	Y	
C12	- - 30153-0006000-06	SUPPORTER F DRAW RAIL *R	ABS	1	1	1	Y	
C13	- - 30111-0056100-00	CASE F *U AS	FRP74KB	1	1	1	Y	
C14	- - 30145-0032900-00	PLATE F CASE *U DV	PP FRP74KB	1	1	1	Y	
C15	- - 30111-0056000-01	CASE F *T AS	FRP74KB	1	1	1	Y	
C16	- - 30111-0055900-00	CASE ICE	PP RFP74KB	1	1	1	Y	

- Some parts can be chaged for improving their performance without notice.

No	DATE	NOTE	REMARK
1	9/15.2017	Add the parts for model 111.7302*711	

11. Service Part List.

11-4. R-Room



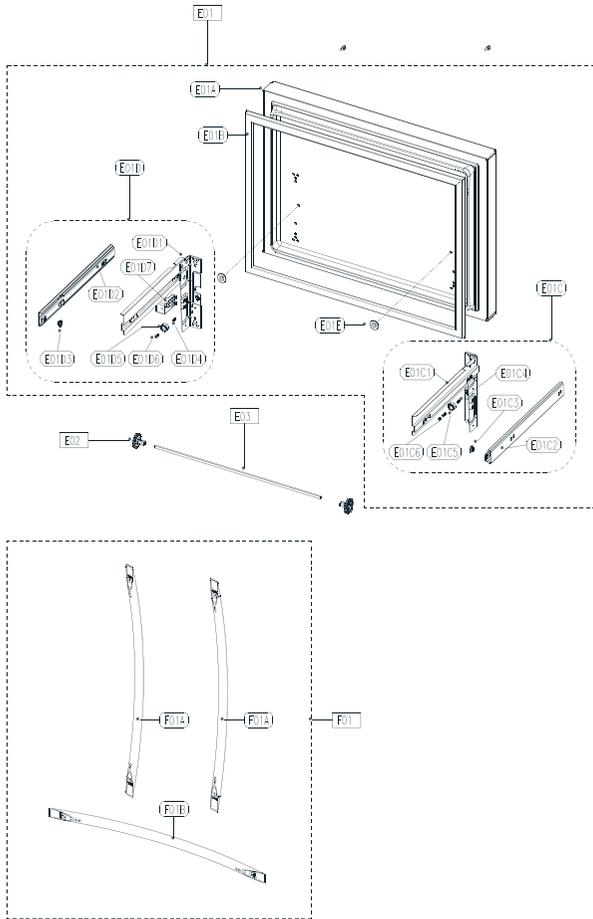
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				RFP74KBTJ* 111.73025#	RFP74KBWC* 111.73022#	RFP74KBBC* 111.73029#		
D01	- - - 40301-0056001-00	REF PCB SUB ASSY	9-LED_VERTICAL HOUSING	1	1	1	Y	
D02	- - - 30155-0028100-00	WINDOW R LED	GPPS	1	1	1	Y	
D03	- - - 30125-0010600-01	GUIDE R DV	ABS	1	1	1	Y	
D04	- - - 30114-0020604-00	COVER M/FLOW DUCT AS	RFP70KD*	1	1	1	Y	
D04	A - - 3013379900	INSU MULTI DUCT A1	F-PS	1	1	1	Y	
D04	B - - 60167-0000200-01	DAMPER AS	DU24-113	1	1	1	Y	
D04	C - - 3013380000	INSU MULTI DUCT A2	F-PS	1	1	1	Y	
D04	D - - 3013377300	INSU MULTI DUCT A4	PSP, T2.5XW273XL640	1	1	1	Y	
D04	E - - 3001437300	COVER M/FLOW DUCT	HIPS	1	1	1	Y	
D04	F - - 3014808400	SENSOR RT R AS	PBN-43B	1	1	1	Y	
D04	G - - 30116-0010804-00	DECO M/FLOW DUCT SAS	RFP70KD* SILK PRINT	1	1	1	Y	
D05	- - - 3015314500	SUPPORTER SHELF *M	SECC+PAINT(WH)	1	1	1	Y	
D06	- - - 3010983800	CAP SHELF SUPORT *T	HIPS	1	1	1	Y	
D07	- - - 3010985000	CAP SHELF SUPORT *U	HIPS	1	1	1	Y	
D08	- - - 30153-0025200-00	SUPPORTER SHELF *L	SECC+PAINT(WH) RFP74KB	1	1	1	Y	
D09	- - - 3015314300	SUPPORTER SHELF *R	SECC+PAINT(WH)	1	1	1	Y	
D10	- - - 30125-0017000-01	GUIDE V/CASE *L AS	RFS-701DTU	1	1	1	Y	
D11	- - - 30125-0017100-01	GUIDE V/CASE *R AS	RFS-701DTU	1	1	1	Y	
D12	- - - 3015320600	SUPPORTER WIDE CASE COVR	HIPS	2	2	2	Y	
D13	- - - 3015318600	SUPPORTER MEAT RAIL *L AS	RFS-702ETU	1	1	1	Y	
D14	- - - 3015318700	SUPPORTER MEAT RAIL *R AS	RFS-702ETU	1	1	1	Y	
D15	- - - 3012537001	GUIDE MEAT KEEPER AS	RFS-702ETU	1	1	1	Y	
D16	- - - 30111-0010603-00	CASE WIDE AS	RFP70KD, SILK-PRINT	1	1	1	Y	
D17	- - - 3001441100	COVER CASE WIDE AS	RFS-701DTU	1	1	1	Y	
D18	- - - 30111-0010503-01	CASE VEGETB AS	RFP70KD SILK-PRINT	2	2	2	Y	
D19	- - - 30114-0020702-03	COVER V/CASE AS	RFP70KD SILK-PRINT	1	1	1	Y	
D20	- - - 3001437900	COVER VEGETB GUIDE	ABS	1	1	1	Y	
D21	- - - 30122-0042000-01	FRAME R SHELF AS	RFP74KB NUDE	4	4	4	Y	

- Some parts can be chaged for improving their performance without notice.

No	DATE	NOTE	REMARK

11. Service Part List.

11-5. F-Door & Handles



NO	PART-CODE	PART NAME	SPEC.	Quantity			SVC Part	Remark
				RFP74KBTJ* 111.73025#	RFP74KBWC* 111.73022#	RFP74KBBC* 111.73029#		
E01	30100-0039009-03	ASSY F DR	SUS430J1L (SUA4S)	1	0	0	Y	
	30100-0039013-03		WHITE PCM (DWH1C)	0	1	0		
	30100-0039014-03		BLACK PCM (BLH1C)	0	0	1		
E01	-	DOOR F URT AS	SUS430J1L (SUA4S)	1	0	0	N	
	-		WHITE PCM (DWH1C)	0	1	0		
	-		BLACK PCM (BLH1C)	0	0	1		
E01	30123-0005100-01	GASKET F DR AS	PVC-SILVER	1	1	0	Y	
	30123-0005101-01		PVC-BLACK	0	0	1		
E01	30122-0041200-01	FRAME F DRAW RAIL *L AS	RFP-70KD	1	1	1	Y	
E01	30122-0041000-00	FRAME F DRAW RAIL *L SAS	RFP-70KD	1	1	1	N	
E01	3010402100	BODY F DRAW RAIL *L AS	H53 L508	1	1	1	Y	
E01	3015314600	SUPPORTER F RAIL GEAR *M	POM	1	1	1	Y	
E01	3015100300	SPRING W/TANK VALV	SUS FRB-6530NA	1	1	1	Y	
E01	30153-0024900-00	SUPPORTER F DR POSITION	HIPS	1	1	1	Y	
E01	3016040500	SPECIAL GRIP HNDL		1	1	1	Y	
E01	30122-0041300-01	FRAME F DRAW RAIL *R AS	RFP-70KD	1	1	1	Y	
E01	30122-0041100-00	FRAME F DRAW RAIL *R SAS	RFP-70KD	1	1	1	N	
E01	3010402500	BODY F DRAW RAIL *R AS	H53 L508	1	1	1	Y	
E01	3015314600	SUPPORTER F RAIL GEAR *M	POM	1	1	1	Y	
E01	3015100300	SPRING W/TANK VALV	SUS FRB-6530NA	1	1	1	Y	
E01	30153-0024900-00	SUPPORTER F DR POSITION	HIPS	1	1	1	Y	
E01	3016040500	SPECIAL GRIP HNDL		1	1	1	N	
E01	3016307500	BUTTON F DR SW	HIPS	1	1	1	Y	
E01	3012029500	FIXTURE I/BOX *T	HIPS	2	2	2	Y	
E02	30173-0000500-01	GEAR F RAIL *M	POM	2	2	2	Y	
E03	30120-0010900-01	FIXTURE F RAIL GEAR	SWCH10A	1	1	1	Y	

NO	PART-CODE	PART NAME	SPEC.	Quantity			SVC Part	Remark
				RFP74KBTJ* 111.73025#	RFP74KBWC* 111.73022#	RFP74KBBC* 111.73029#		
F01	30115-0030300-02	CUSHION HNDL AS	PACKING F/R HANDLE (SILVER)	1	0	0	Y	
	30115-0030301-02		PACKING F/R HANDLE (WHITE)	0	1	0		
	30115-0030302-02		PACKING F/R HANDLE (BLACK)	0	0	1		
F01	30126-0026500-00	HANDLE R AS	RFP70KD STS SILVER	2	0	0	Y	
	30126-0026501-00		RFP70KD WHI802D	0	2	0		
	30126-0026502-00		RFP70KD BK103D	0	0	2		
F01	30126-0026800-00	HANDLE F AS	RFP70KD STS SILVER	1	0	0	Y	
	30126-0026801-00		RFP70KD WHI802D	0	1	0		
	30126-0026802-00		RFP70KD BK103D	0	0	1		

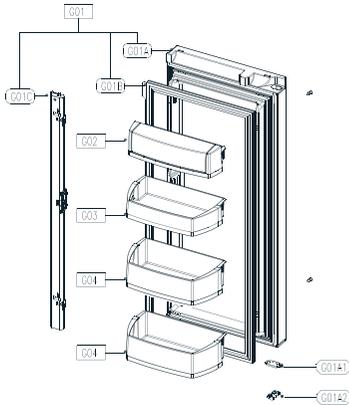
- Some parts can be chaged for improving their performace without notice.

No	DATE	NOTE	REMARK

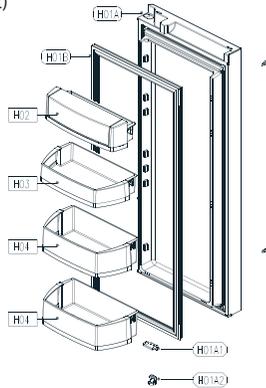
11. Service Part List.

11-6. R-Door

Refrigerator Door (Left)



Refrigerator Door (Right)



NO	PART-CODE	PART NAME	SPEC.	Quantity			SVC Part	Remark	
				RFP74KBTJ* 111.73025#	RFP74KBWC* 111.73022#	RFP74KBBC* 111.73029#			
G01	30100-0227500-00	ASSY R DR *L	SUS430J1L (SUA4S)	1	0	0	Y		
	30100-0227501-00		WHITE PCM (DWH1C)	0	1	0			
	30100-0227502-00		BLACK PCM (BLH1C)	0	0	1			
G01	-	DOOR R URT *L AS	SUS430J1L (SUA4S)	1	0	0	N		
	-		WHITE PCM (DWH1C)	0	1	0			
	-		BLACK PCM (BLH1C)	0	0	1			
G01	A 1	3015205200	STOPPER DR	PO+PAINT(BK)	1	1	1	Y	
G01	A 2	3012533400	GUIDE R DR CAP *L	POM	1	1	1	Y	
G01	B -	30123-0005200-02	GASKET R DR *L AS	PVC-SILVER	1	1	0	Y	
		30123-0005201-02		PVC-BLACK	0	0	1		
G01	C -	3014599B00	PLATE R DV AS	AC115V	1	1	1	Y	
G02		30190-0013103-00	POCKET DAIRY AS	RFP70KD, GRAY PRINT	1	1	1	Y	
G03		3019059400	POCKET UTILITY AS	RFS-701, CRYSTAL	1	1	1	Y	
G04		3019059600	POCKET GALLON AS	RFS-701, CRYSTAL	2	2	2	Y	

NO	PART-CODE	PART NAME	SPEC.	Quantity			SVC Part	Remark	
				RFP74KBTJ* 111.73025#	RFP74KBWC* 111.73022#	RFP74KBBC* 111.73029#			
H01	30100-0039214-00	ASSY R DR *R	SUS430J1L (SUA4S) RFP74KB	1	0	0	Y		
	30100-0039215-00		WHITE PCM (DWH1C) RFP74KB	0	1	0			
	30100-0039216-00		BLACK PCM (BLH1C) RFP74KB	0	0	1			
H01	-	DOOR R URT *R AS	SUS430J1L (SUA4S) RFP74KB	1	0	0	N		
	-		WHITE PCM (DWH1C) RFP74KB	0	1	0			
	-		BLACK PCM (BLH1C) RFP74KB	0	0	1			
H01	A 1	3015205200	STOPPER DR	PO+PAINT(BK)	1	1	1	Y	
H01	A 2	3012533500	GUIDE R DR CAP *R	POM	1	1	1	Y	
H01	B -	30123-0006100-02	GASKET R DR *R AS	PVC-SILVER	1	1	0	Y	
		30123-0006101-02		PVC-BLACK	0	0	1		
H02	- -	30190-0013103-00	POCKET DAIRY AS	RFP70KD, GRAY PRINT	1	1	1	Y	
H03	- -	3019059400	POCKET UTILITY AS	RFS-701, CRYSTAL	1	1	1	Y	
H04	- -	3019059600	POCKET GALLON AS	RFS-701, CRYSTAL	2	2	2	Y	

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No	DATE	NOTE	REMARK