

Service Manual





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1. SPECIFICATIONS

1-1. Model Information

* is the Door Type

Buyer No.		RN-34*N			
	Factory No.	RFP-31*N*Q8N			
(Control Type	Front Control F	Panel Button		
Gross Vol	Total	337	7		
IEC 62552	Freezer	111	1		
(unit: L)	Refrigerator	226	6		
Storage Vol	Total	305	5		
IEC 62552	Freezer	84	l I		
(unit: L)	Refrigerator	22 ²	1		
	Net Width (Packing)	595(6	34)		
Diemension (unit: mm)	Net Depth (Packing)	650(6	85)		
, , , , , , , , , , , , , , , , , , ,	Net Height (Packing)	1870(1	970)		
	Refrigerant Type	R-600a			
	Refrigerant Charge	0.044kg			
Capling Cuple	Evaporator Type	Fin Type			
Cooling Cycle	Condenser Type	Natural Convection Cooling System			
	Dryer	Desiccant: Molect	Desiccant: Molecular Sieve xH-9		
	Capillary Tube (unit: mm)	ID0.7 x T0.5	5 x L2290		
	Defrost Type	Automatic St	tart & Stop		
Heater	Defrost Heater	AC230V, 130W			
	Defrost Shape	Sheath Type			
	Freezer Fan Motor	DC 12V, 23	300RPM		
Electric Part	Refrigerator Lighting	Bulb LAMP 15W / Bulb LE	D 1.2W (1EA) *Option		
Net \	Veight (Packing)	67(73	3)kg		
Blowing Agent		C-Pen	tane		

1-2. Interior Parts



1-3. Machine (Compressor) Compartment View



- 1.Box Power As (Capacitor Run)
- 2. Power Cord
- 3. Switch P Relay As
- 4. Earth Comp Wire
- 5. Fixture Compressor (Washer)
- 6. Drain Hose
- 7. Compressor Absorber

- 8. Suction Pipe As
- 9. Dryer As
- 10. Case vaporization As
- 11.Pipe connector A
- 12. Pipe Wire Condensor As
- 13. Pipe Hot

1-4. Refrigerant Cycle



- Welding Point

Copper Welding (Ag 5%)	5 Point
Silver Welding (Ag 30%)	3 Point

1-5. Temperature Diagram



\triangle

; The actual inner temperature varies depending on the food status, as the indicated setting temperature is a target temperature, not actual temperature within refrigerator.

- ; Refrigeration function is weak in the initial time.
- Please adjust temperature as above after using refrigerator for minimum 1 ~ 2 days.



1.7. Main PCB Circuit Diagram



2-1. DISPLAY						
INPUT				CONTROL OBJECT		
- PCB Control Panel Button -PCB Control Panel LED				Control Panel LED		
 Temperature is controlled by "PCB Control Panel Button" assembled on the refrigeratior door. Features are model dependent. LED step "5" (MAX) IED step "5" (MAX) IED step "4" IED step "3" IED step "3" IED step "1" (MIN) IED step "1" (MIN) IED step "S" (S-COOL) "Super Cool" 				assembled on the refrigeration door.		
V	LED DI	SPLAY	What's the Meaning	ng	How to Push Buttons	
	ON	Flicker			for the LED Display	
	3	-	TEMP STEP "NOR"		Initial mode by power input	
	4	-	TEMP STEP "MAX-NO	R"	"TEMP" 1 time	
2-2	5	-	TEMP STEP "MAX"		"TEMP" 2 times	
	1	-	TEMP STEP "MIN"		"TEMP" 3 times	
	2	-	TEMP STEP "MIN-NOF	R "	"TEMP" 4 times	
	S	-	TEMP S-COOL		"S-COOL" 1 time	
	3	4,5	ERROR "R SENSOR" (R1)	"S-COOL" continuously + "TEMP" 5 times	
	2	4,5	ERROR "RT SENSOR"	(RT)	* The Priorities of Error Display :	
2-8	1	4,5	ERROR "D SENSOR" (D1)	R1 > RT > D1 > C1 > F3	
	2,3	4,5	ERROR "DOOR S/W" (DR)		
	1,3	4,5	ERROR "CYCLE" (C1)			
	1,2	4,5	ERROR "DEFROST" (F	3)		
2-3	3,S	4,5	 How to start the mode: "TEMP" continuously + "S-COC All LED ON for initial 3 secc How to confirm the mode after "S-COOL" continuously + "TEM 		 How to start the mode: "TEMP" continuously + "S-COOL" 5 times => All LED ON for initial 3 seconds. How to confirm the mode after 3sec.: "S-COOL" continuously + "TEMP" 5 times 	

2-2. Temperature Control of Refrigerator Compartment					
INPUT			CONTROL OBJECT		
- PCB Control Panel "TEMP" and "S-Cool" Buttons - R sensor			- COMPRESSOR - FAN		
 A. "TEMP" Button of the Panel Temperature control of Refrigerator compartment 5 step mode of successive temperature mode Initial mode by power input: step 3 (NOR) Temperature will be set if the button doesn't get pressed again within 5 sec. Whenever pressing "TEMP" button, setting is repeated in the order of "NOR" → "MAX-NOR" → "MAX" → "MIN" → "MIN-NOR" (LED DISPLAY ON) B. Temperature of Refrigerator Control COMP and FAN will be controlled by the on/off condition of each mode Temperature Difference of Refrigerator each step : 					
STEP	1	2	3	4	5
ON(°C)	9.4	6.6	3.9	2.9	1.2
OFF(°C)	-0.5	-2.1	-4.7	-5.7	-7.2
 D. S-Cool (Quick REfrigeration) Mode Press "S-Cool" Button of the Panel and make "S-Cool" LED on. Comp & Fan are on until R-sensor reaches to "Over Refrigeration OFF Point", -9.5 °C After the reach of -9.5 °C, Step 5(MAX) mode continues. When "S-Cool" mode lasts for about 40 minutes, it returns to general operation mode. E. Temperature of Freezer Control It will be only controlled by using "KNOB F LOUVER" in the Freezer Comaprtment. 					

2-3. Defrost Mode					
INPUT	CONTROL OBJECT				
 Accumulated Compressor Run Time Running Time Ratio of Compressor Accumulated Door Open Time Ambient temperature (RT) 	- Compressor - F Fan - Defrost Heater				
 A. Defrost Mode Operation conditon In case accumulated compressor run times: 6, 8, 10, 12 hours, when there occur any errors: R1, D1, C1, RT, Door SW error etc. (Check "2-9. ERROR DISPLAY") or, running rate of COMP (per 2hrs of accumulated operation time) is more than 90% or, accumulated door open time is over 2 minutes or, ambient temperature (RT) is more than 38 ℃ (2) Even if the above condition is not satisfied, defrost mode starts immediately when accumulated compressor run time is 14hrs. 					
B. Normal Defrost Mode					
•Comp ON, Fan On, Heater OFF •Comp runs for 25min. before defros	st mode				
 Comp OFF, Fan OFF, Heater ON Heater off when 'D-Sensor' is over 10°C. Heater off after 60min. at normal control. Heater off after 40min. in case D1 error. 					
• Comp OFF, Fan OFF, Heater OFF • 10minutes. Pause					
Normal Operation					
 C. Forced Defrost Mode How to start: by press "TEMP" button for continuously and "S-COOL" button 5 times. If appliance has any error, Forces Defrost Mode don't start. Process: same as Normal Defrost Mode except 'PRE-COOL' * Heater is supposed to be on Initial 30sec. even though the temp. at "D SENSOR" is over 13 °C. (for TEST) How to confirm: buzzer sound 3times and all LED on for 3 sec., when Forced Defrost Mode start. LED "3", "S-COOL" on and "4", "5" flickering by pushing "S-COOL" button for continuously and "TEMP" button 5 times after Forced Defrost Mode start. 					



2-4. Function of Low Ambient Temperature (RT)			
INPUT	CONTROL OBJECT		
RT	- R HTR - COMP		
A. Condition of LOW RT - RT sensor below 19°C - When the RT sensor is over 20°C, the system come - When the RT sensor is between 19°C to 20°C, the s B. Control - When the temp of RT sensor is between 14°C to 19 - When the temp of RT sensor is below 14°C, COMP	es to be "General Operation Mode". system keeps the previous mode. °C, COMP on/off temp is 3°C UP ON/OFF temp is 4°C UP		

2-5. Prevention of Compressor Restart			
INPUT	CONTROL OBJECT		
N/A	СОМР		
It takes several minutes to protect Compressor: (1) 6 minutes after Comp off (2) 30 minutes at operation of Low RT, but 6 minutes when the doors open more than 20 seconds			

2-6. Buzzer Sound		
INPUT	CONTROL OBJECT	
 Forced Defrost Mode start Door Switch Initial Power Input 	Buzzer	
 A. When Forced Defrost Mode start, the buzzer rings 3 times. B. After 2 minutes power's on, the buzzer rings 3 times. C. At Short Circuit Test, the buzzer rings 1 times. D. When door opens, the buzzer rings every 1 minute for 5 minutes. 		



2-8. Error Display

INPUT	CONTROL OBJECT
PCB Control Panel Buttons on Door	LED DISPLAY

- Error Check Mode

- (1) How to start: Push "S-COOL" button for continuously and "TEMP" button 5 times .
- (2) What happen: LED "4 & 5" flickering, and if any errors occur, the related LEDs on.
- (3) CANCEL: Push "TEMP" button 1 time, or wait 4 minutes.
 - * After operations back to normal, the displays come to be reset.

A. "R1" ERROR

- : It happens when R-Sensor is OPEN or SHORT.
- (1) LED DISPLAY: LED "3" on, "4 & 5" flickering
- (2) REACTION: Controlled by the following condition of RT

RT sensor TEMP (unit:℃)	~13	~19	~29	29~
COMP. Operating ON/OFF TIME (unit:min.)	6/34	10/30	16/24	20/20

※ If "RT" ERROR happens at the same time, COMP. Operating ON/OFF Time is 16min/24min.
(3) RELEASE: When R-Sensor is working normally.

B. "RT" ERROR

- : It happens when RT-Sensor is OPEN or SHORT.
- (1) LED DISPLAY: LED "2" on, "4 & 5" flickering
- (2) REACTION: Delete the conditions of RT-sensor Control and operate normally.
- (3) RELEASE: When RT-Sensor is working normally.

C. "d1" ERROR

- : It happens when D-Sensor is OPEN or SHORT.
- (1) LED DISPLAY: LED "1" on, "4 & 5" flickering
- (2) REACTION: Return to next limit Defrost Time (40 min)
- (3) RELEASE: When D-Sensor is working normally.

D. "DR" ERROR

- : It happens when the system senses door opens more than 1 hour.
- (1) LED DISPLAY: LED "2 & 3" on, "4 & 5" flickering
- (2) REACTION: Delete function relating to door switch sensing
- (3) RELEASE: When sensing close from door S/W.

3-1. Door Switch



3-2. Cover Multi-Flow Duct As (in Fresh food Compartment)



3-3. Louver F As (in Frozen Food Compartment)





3-4. DOOR F/R



3-4. DOOR F/R



3-5. Front Control Panel PCB





4. How To Change Door Position

1-1>

Tilt down the appliance to the rear. (Be careful not to damage the Pipe Wire Condensor assembled in the rear of refrigerator.)

1-2>

Remove following parts in order.

- P1) 'Top Cover Hinge' and 'Top Hinge'
- P2) 'Refrigerator Door'
- P3) 'Middle Hinge'
- P4) 'Middle Cover Hinge' P5) 'Freezer Door'
- P6) 'Under Hinge'
- P7) 'Adjusting Leg '
- P8) 'Cover Cabinet Harness'
- P9) 'Cap Refrigerator Door' P10) 'Cover Door Harness Left'
- P11) 'Cover Door Harness Right'
- P12) 'Cap Freezer Door'
- P13) 'Stopper Refrigerator/Freezer Door'

1-3>

Move following parts in the opposite position:

P9, P12, P13

1-4>

Switch the position of following parts each other and assemble them:

P6 & P7, P3 & P4, P1 & P8



5-1. Safety Warning (R-600a Refrigerant Models Only)



his appliance contains a certain amount of isobutane refrigerant (R600a) a natural gas with high environmental compatibility that is, however, also combustible.

When transporting and installing the appliance, care should be taken to ensure that no parts of the refrigerating circuit are damaged.

Refrigerant squirting out of the pipes could ignite or cause an eye injury. If a leak is detected, avoid any naked flames or potential sources of ignition and air the room in which appliance is standing for several minutes.

- In order to avoid the creation of a flammable gas-air mixture if a leak in the refrigerating circuit occurs, the size of the room in which the appiance may be sited depends on the amount of refrigerant used. The room must be 1m3 in size for every 8g of R600a refrigerant inside the appliance. The amount of refrigerant is shown on the identification plate inside the appliance.

- Never start up an appliance showing any sings of damage. If in doubt, consult your dealer.

1. R-600a ref. Can	2. Can adapter	3. Pinch Plier
REDO		-
4. Ref. discharging hose	5. Vacuum pump	6. Welder
7. Coupling Pipe	8. Leakage Tester	9. Electronic-scale
<u>a</u>		

5-2. Tools

5-3. Process Summary



5-4. In Detail Precess

N	D. SVC process	Image	Details
1	Connecting the pinch-plier & discharging hose	OUT DOOR	 Connect the discharging hose to the pinch-plier The outlet of discharging hose should be placed to the outdoor(window)
	Fixing the pinch-plier & charging pipe		 Fix the pinch-plier to the compressor charging pipe. Pinch-plier should not be moving freely. If that is moving freely, it would cause fire/explosion as leakage gas in the room.
3	Discharging the R-600a ref.		 Discharge the R-600a ref. to outdoor. [Befor connecting the vacuum pump] It should have enough time more than 7 minutes to discharge.

NO.	SVC process	Image	Details	
4	Removing the remaining ref.		 And then, connect the vacuum pump to the outlet of discharging hose Vacum pump should be placed at the outdoor where is able to clear air easily. It should have enough time more than 10 minutes to discharge. 	
5	Removing the pinch-plier & pipe		 Disassembe the each pipe (Del-pipe, Suc-pipe, Capi-pipe, Dryer & Hot-pipe) Caution ; A part is easily damaged by flame so that disassemly should be done carefully. 	
6	Exchanging comp & dryer		 Change the comp. & dryer. You should check the comp. spec. and assemble correctly. 	
7	Welding		 Weld the each pipe. O Copper-Copper welding - 5% rod △ Copper-Steel welding - 35% rod 	
8	Disassembly of charging valve (Coupling pipe)		 Decap the couplig pipe cap and disassemble the vlave ass'y. If you don't disassemble, the coupling rubber would be melted. 	

NO.	SVC process	Image	Details
			1. Weld after inserting the coupling pipe
9	Coupling pipe		to the compressor.
	welding		* Use the wet cloth for preventing the
		4	other part of machinery-room from damage.
			1. Reassemble the valve ass'y with
			coupling pipe to clockwise.
			2. Connect the blue hose of the guage
			to the coupling pipe and the yellow hose
10	Valve reass'y		to the vacuum pump.
	guage connecting		3. Open the blue guage lever
			and start the vacuum pump
			1. Be vacuumed the cycle with pump.
	Vacuum		
11			✗ Time : 60∼80min
			=> If the vacuum time is less than 60min,
			ref. COP & air coolong would be weak.
		Degratering	1. Check the guage : -76cmHg
12	Check		
			* If the cycle is not vacuumed,
		State and a state of the state	it would be leak.
			1. Check the amounts of R-600a can
			 Discharging is surely done at the outdoor
13	Adjusting		where is able to clear air.
	the amounts of		<tip> ■ If the amouts of charging: 44g</tip>
	(R-600a can)		 Total Weight of Can[A] =Can(75g)+Bef (85g)=160g
			 Adapter Weight [B]=145g Total Weight [1]=4+B=205 =
			 After discharging 41g, C=264g

NO.	SVC process	Image	Details
14	Connecting of coupling pipe & adapta		 Conect can adapter to the coupling pipe. Charge the ref. with open lever slowly. Refrigerant should never leak in the room.
15	Charging		 On the power of refrigerator and then start to charge the ref. (10min) Charge the ref. until going out the water vapour condensing on the can outlet.
16	Leakage Test		 Check the leakage. You must rework from Step.1 when the leakage is detected.
17	Finish		 Clean and clear around the machinery room when the service is finished. Assemble the machinery room cover.

6-1. Cabinet Compartment



NO PART-CODE		PART NAME	SPEC.	Q't	Q'ty	
				RN-34*N		
A1	-	ASY CAB URT	RFP-311	1EA		
A2	3012938100	HINGE *U AS	PO T3.2	1EA		
A2-1	3012105300	FOOT ADJ AS	PP+INSERT	1EA		
A3	30160A1700	SPECIAL BOLT	SWCH10A M8*L18	3EA		
A4	3012106500	FOOT ADJ *L AS	PP+INSERT	1EA		
A5	3012938000	HINGE *M AS	PO T3.2	1EA		
A6	3016001250	SPECIAL BOLT *M	6*15 SWCH22A(WH)	2EA		
A7	3016044400	SPECIAL WASHER *M HI	SGCC, T1.0*ID8.5*OD15	1EA		
A8	3010937710	CAP DV HI HOLE *M	HIPS	1EA		
A9	3012938900	HINGE *T AS	PO, T2.6, RFP-311	1EA		
A10	3016001250	SPECIAL BOLT *M	6*15 SWCH22A(WH)	3EA		
A11	301149DX00	COVER HI *T	PP(WHITE), RFP-311	1EA		
	301149DX10		PP(GRAY), RFP-311			
	301149DX20		PP(BLACK), RFP-311			
A12	30143LE70	PCB MAIN AS	RFP-311(DC F FAN MOTOR)	1EA		
A13	300141600	COVER M/PCB BOX AS	SPCC(WHITE)	1EA		
	300141610		SPCC(SILVER)			
	3001416620		SPCC(T/SILVER)			
	3001416630		SPCC(BLACK)			
	3001416640		PCM BACK COATING			
A14	7112401211	SCREW TAPPING	T1 TRS 4*12 MFZN	3EA		
A15	301179DP00	DOOR S/W AS	HC-050K4 250V 2.5A	1EA		
A16	381600200	SPECIAL WASHER	SPCC T1.0*OD21*ID8 MFZN	1EA		
A17	3001412200	COVER CAB HRNS	PP(WHITE)	1EA		
	3001412220		PP(T/SILVER)			
	3001412230		PP(BLACK)			
A18	7112401211	SCREW TAPPING	T1 TRS 4*12 MFZN	1EA		

6-2. Compressor Room Compartment



NO	PART-CODE	PART NAME	SPEC.	Q'ty
				RN-34*N
B1	3010365500	BASE COMP AS	RFP-301	1EA
B2	3010103400	ABSORBER COMP	RUBBER	4EA
B3	3956182M80	COMPRESSOR	LR82CY 230V 50HZ	1EA
B4	3010583740	BOX POWER AS	RFP-301NCQ8N	1EA
B4-1	3010552101	BOX POWER	GI, T0.5	1EA
B4-2	3016407000	CAPACITOR RUN	400V, 3μF	1EA
B4-3	7122401211	SCREW TAPPING	T2S TRS 4*12 MFZN	1EA
B5	7112401211	SCREW TAPPING	T1 TRS 4*12 MFZN	2EA
B6	3018134640	SWITCH P RELAY AS	LR82CY(DONPER COMP)	1EA
B7	3015103900	SPRING OVERLOAD PROTECTOR	DONPER COMP(OLP FIXING)	1EA
B8	3811402600	COVER RELAY	DONPER COMP	1EA
B9	3811402600	SPRING COVER RELAY	DONPER COMP	1EA
B10	4019H09031	SPECIAL WASHER	SWRH	2EA
B11	301119VJ00	CASE VAPORI AS	PP(301119V300)+SEAL	1EA
B12	7112401211	SCREW TAPPING	T1 TRS 4*12 MFZN	1EA
B13	3016003300	SPECIAL BOLT	T2*M6.5*L20	4EA
B14	3014480010	PIPE WI-CON AS	RFP-301	1EA
B14-1	3012041500	FIXTURE WI-CON	HIPS	4EA
B15	7112401211	SCREW TAPPING	T1 TRS 4*12 MFZN	4EA
B16	3014479430	PIPE CON A	LR82CY(DONPER COMP)	1EA
B17	3016808230	DRYER AS	10G, SINGLE TUBE	1EA
B18	3011348111	CORD POWER AS	EU,DOUBLE STOPER,250V 10/16A	1EA
B19	7071400811	SCREW MACHINE	PAN 4*8 SW MFZN_STAR WASHER	1EA
B20	3012763210	HARNESS EARTH COMP	FRM-241, L140	1EA
B21	7071400811	SCREW MACHINE	PAN 4*8 SW MFZN_STAR WASHER	2EA
B22	7112401211	SCREW TAPPING	T1 TRS 4*12 MFZN	1EA
B23	3012513950	HOSE DRN B	PVC	1EA
B24	3015091400	SPACER CAB	PP	2EA

6-3. Frozen Food Compartment



NO	PART-CODE	PART NAME	SPEC.	Q'ty
				RN-34*N
C1	3017070020	EVA AS	230V, 130W (DC F FAN MOTOR)	1EA
C1-1	3017070100	EVA SAS	RFP-301	1EA
C1-2	3012831220	HEATER SHEATH AS	230V, 130W (DC F FAN MOTOR)	1EA
C1-3	4856813100	CABLE TIE	DA-140	1EA
C1-4	3012764110	HARNESS D SENS	RFP-301 (DC F FAN MOTOR)	1EA
C2	3018932540	LOVUER F AS	RFP-301 (DC F FAN MOTOR)	1EA
C2-1	3018932300	LOUVER F A	PP	1EA
C2-2	3018932400	LOUVER F B	PP	1EA
C2-3	3013415800	KNOB F CONTL	PP	1EA
C2-4	3010107100	ABSORBER MOTR	NBR	2EA
C2-5	3015905360	MOTOR F AS	DC 12V (D4612AAA33)	1EA
C2-6	3010664710	BRACKET FAN MOTR	PP(NATURAL), DC F FAN MOTOR	1EA
C2-7	7112401211	SCREW TAPPING	T1 TRS 4*12 MFZN	4EA
C2-8	3011835900	FAN	OD100, SHAFT OD3.17	1EA
C2-9	3011200510	CLAMP FAN	SUS 304 (SPRING)	1EA
СЗ	301119V200	CASE F B	GPPS(CRYSTAL)	1EA
	301119V210		GPPS(GRAY)	
	301119V220		GPPS(BLUE)	
C4	3017861500	SHELF GLAS F	T3.2, RFP-301	2EA
C5	301119V100	CASE F A	GPPS(CRYSTAL)	2EA
	301119V110		GPPS(GRAY)	
	301119V120		GPPS(BLUE)	
C6	3010564910	CASE ICING AS	CASE ICING + VINYL	1EA
C6-1	3011187300	CASE ICING	PP, FRM-21*,RFP-24*,30*	1EA

6-4. Fresh Food Compartment





NO	PART-CODE	PART NAME	SPEC.	Q'ty			
				RN-34*N			
D1	301149C430	COVER M/FLOW DUCT AS	RFP-311(LAMP:220-240V, 15W)	1EA			
	301149C450		RFP-311(230V 1.2W LED BULB)		*OTION		
D1-1	301149C300	COVER M/FLOW DUCT	HIPS	1EA			
D1-2	3017903900	SOCKET LAMP AS	AC250V	1EA			
D1-3	7121300811	SCREW TAPPING	T2S PAN 3*8 MFZN	2EA			
D1-4	3014811310	SENSOR R AS	RFP-311	1EA			
D1-5	3013387900	INSU M/FLOW DUCT	F-PS	1EA			
D1-6	3013416300	KNOB R CONTL	HIPS, RFP-311	1EA			
D1-7	3013600020	LAMP AS	240V/15W(E14,CC7A)	1EA			
	3017908400	SOCKET LED LAMP	230V 1.2W		*OTION		
D2	3010924600	CAP F LOUVER	HIPS, T2.3	2EA			
D3	3015523800	WINDOW M/FLOW DUCT	GPPS	1EA			
D4	3017861100	SHELF R AS	RFP-301	3EA			
D4-1	3011664700	DECO SHELF *F	HIPS	1EA			
D4-2	3017861200	SHELF GLAS R	T3.2	1EA			
D5	301119V400	CASE GLAS VEGTB	T3.2	1EA			
D6	301119V000	CASE VEGTB	GPPS(CRYSTAL)	1EA			
	301119V010		GPPS(GRAY)				
	301119V020		GPPS(BLUE)				
D7	3017861900	SHELF WINE	SUS 204	*OPTION			

* Please check the color, some parts code color dependent. *Some parts can be changed for improving without notice.

NO	PART-CODE	PART NAME	SPEC.		Q'ty						
					RN-	RN-	RN-	RN-	RN-	RN-	
			COLOR	the others	341N	342N	343N	344N	345N	346N	
E1	30100B9X00	ASSY F DR	DWG1C	RFP-301, WHITE	1	0	0	0	0	0	
	30100B9X30		ASG4P	RFP-301, AL SILVER							
	30100B9X40		TSH1P	RFP-301, TITANIUM SILVER							
	30100B9X50		BLH1C	RFP-301, BLACK							
	20100B0V20			DED 202/202	0	1	1	0	0	0	
	3010089720	ASSTEDR	DWGTC ASC 4D	RFF-302/303	0	1	1	0	0	0	
	30100B9180		75U1D								
	30100B9190										
	30100B91A0		BLHIC								
	30100B9X10	ASSY F DR	DWG1C	RFP-304	0	0	0	1	0	0	
	30100B9X70		ASG4P								
	30100B9X80		TSH1P								
	30100B9X90		BLH1C								
	30000CPN00	ASSY F DR	DWG1C	RFP-305	0	0	0	0	1	0	
	30000CPN10		ASG4P								
	30000CPN20		TSH1P								
	30000CPN30		BLH1C								
	30000CPQ00	ASSY F DR	DWG1C	RFP-306	0	0	0	0	0	1	
	30000CPQ10		ASG4P								
	30000CPQ20		TSH1P								
	30000CPQ30		BLH1C								
E1-1	-	A SSY F DR URT		RFP-301	1	1	1	1	1	1	
E1-2	3012330900	G ASKET F DR AS	GRAY	RFP-301	1	1	1	1	1	1	
			BLACK								
E1-3	3011450300	C OVER CAP HOLE A	WHITE	ABS	1	1	1	1	1	1	
	3011450310		SILVER								
1	3011450340		BLACK								
E1-4	3016047410	SPECIAL STOPPER DR BOI		TAP-TITE 5*16	2	2	2	2	2	2	
E1-5	3010985100	CAPDR	WHITE	ABS	0	4	4	4	0	0	
1	3010985110		SILVER								
	3010985120		BLACK								



NO	PART-CODE	PART NAME	SPEC.		Q'ty						
					RN-	RN-	RN-	RN-	RN-	RN-	
			COLOR	the others	341N	342N	343N	344N	345N	346N	
E2	30100C4600	ASSY R DR	DWG1C	RFP-311, WHITE	1	0	0	0	0	0	
	30100C4610		ASG4P	RFP-311, AL SILVER							
	30100C4620		TSH1P	RFP-311, TITANIUM SILVER							
	30100C4630		BLH1C	RFP-311, BLACK							
	30100C3G00	ASSY R DR	DWG1C	RFP-312/313	0	1	1	0	0	0	
	30100C3G10		ASG4P								
	30100C3G20		TSH1P								
	30100C3G30		BLH1C								
	2010004700	ASSVEDE	DWG1C	PED 214	0	0	0	1	0	0	
	3010004700		ASGAP	1111-314	0	0	U	· ·	U	0	
	30100C4710		A3G4F TSH1D								
	30100C4720		BI H1C								
	3010004730		BLHIC								
	30100C4800	ASSY R DR	DWG1C	RFP-315	0	0	0	0	1	0	
	30100C4810		ASG4P								
	30100C4820		TSH1P								
	30100C4830		BLH1C								
		4001/000		252.040							
	30100C4900	ASSY R DR	DWG1C	RFP-316	0	0	0	0	0	1	
	30100C4910		ASG4P								
	30100C4920		TSH1P								
	30100C4930		BLH1C								
E2-1	-	ASSY R DR URT		RFP-301	1	1	1	1	1	1	
E2-2	3012331000	GASKET R DR AS	GRAY	RFP-301	1	1	1	1	1	1	
1	3012331010		BLACK								
E2-3	3010974100	CAP BUSH *T	WHITE	PP	1	1	1	1	1	1	
1	3010974110		SILVER								
	3010974120		BLACK								
E2-4	3011450500	COVER HI HRNS *T *L	WHITE	PP	1	1	1	1	1	1	
·	3011450510		SILVER								
			BLACK								
L		1	I	1	I						



NO	PART-CODE	PART NAME		SPEC.		Q'ty					
						RN-	RN-	I- RN-	RN-	RN-	
			COLOR	the others	341N	342N	343N	344N	345N	346N	
E2-5	3011450700	COVER HI HRNS *T *R	WHITE	PP	1	1	1	1	1	1	
	3011450710		SILVER								
			BLACK								
3	3019068700	POCKET R	CRYSTAL	GPPS	1	1	1	1	1	1	
	3019068710		GRAY								
	3019068720		BLUE								
4	3019068800	POCKET J	CRYSTAL	GPPS	1	1	1	1	1	1	
	3019068810		GRAY								
	3019068820		BLUE								
5	301190800	CASE EGG TRAY	CRYSTAL	GPPS	1	1	1	1	1	1	
6	3014257200	PANEL *F CONTL AS	SILVER	ABS+PCB+FILM	1	1	1	1	1	1	
	3014257220		BLACK								
6-1	30143LE160	PCB FRONT AS		RFP-311	1	1	1	1	1	1	
7	3014257210	PANEL *F CONTL AS	SILVER	ABS+PCB+FILM	0	0	0	0	0	0	
	3014257230		BLACK								
7-1	30143LE170	PCB FRONT AS		RFP-311	0	0	0	0	0	0	
3	3014011300	PACKING HNDL AS	WHITE	RFP-302	0	1	0	0	0	0	
	3014011320		AL SILVER	(Long Bar Handle)							
	3014011330		T/SILVER	(Section Circle)							
	3014011310		BLACK	, ,							
9	3014011400	PACKING HNDL AS	WHITE	RFP-303	0	0	1	0	0	0	
	3014011420		AL SILVER	(Long Bar Handle)							
	3014011430		T/SILVER	(Section Square)							
	3014011410		BLACK								
			-								
10	3014011100	PACKING HNDL AS	WHITE	RFP-304. ABS	0	0	0	1	0	0	
	3014011110		SII VER	(Short Handle)	Ŭ	ľ	ľ	l .	ľ	Ŭ	
	3014011120		BLACK	(chort handlo)							
	5514011120		BLACK								
				1							



Date	Note

*Some parts can be changed for improving without notice.