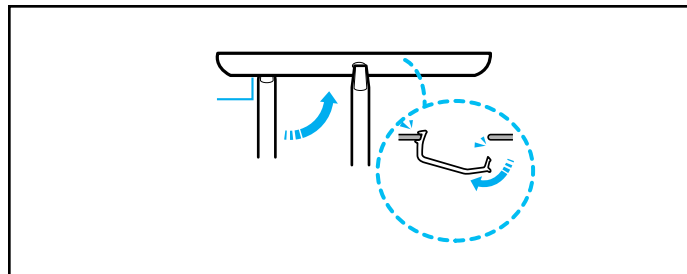


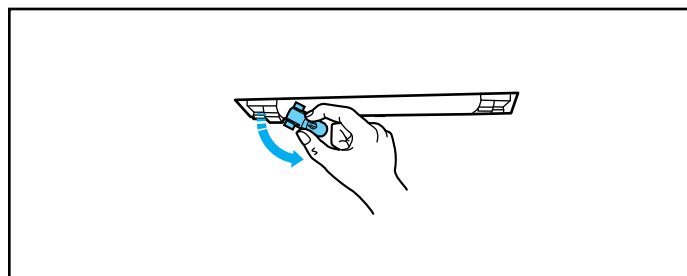
11. Disassemble and assemble method

11-1 Refrigerator inside lamp replacement

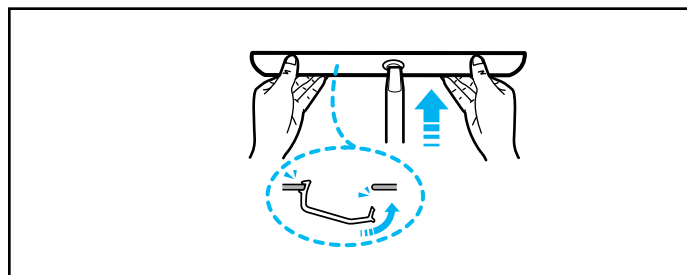
- 1) Remove the screw with (+) driver and push the cover to the arrow direction and apart.



- 2) Remove out the lamp to the arrow direction and replace with new one. (Left & Right)

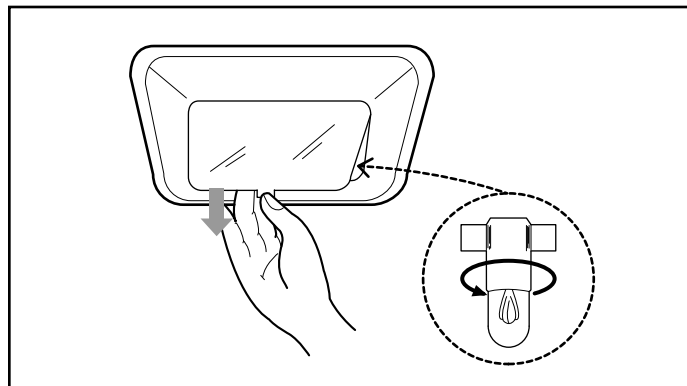


- 3) Insert the front of the cover first and screw it.



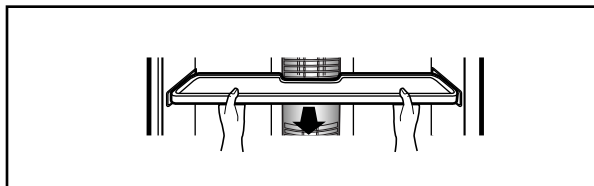
11-2 Freezer inside lamp replacement

- Grab the the salient part of cover and pull it down to apart. Replace the 220V / 15W lamp and insert front of cover first and then fix it.

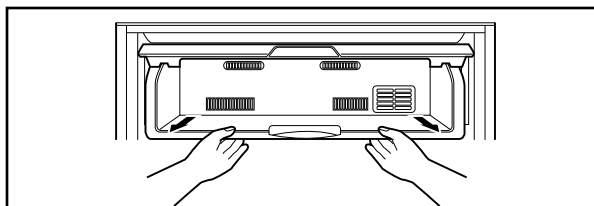


11-3 Disassemble of refrigerator cooling part

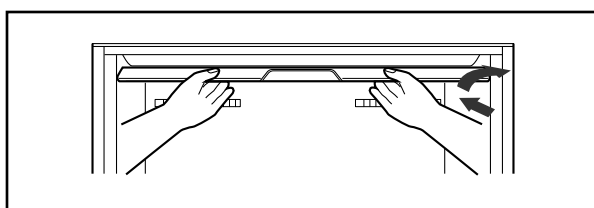
1) Remove foods and shelves inside the refrigerator.



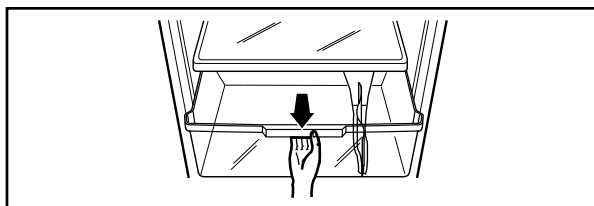
2) Pull out the chilled room box to the arrow direction and pull it up to apart at the locking point.



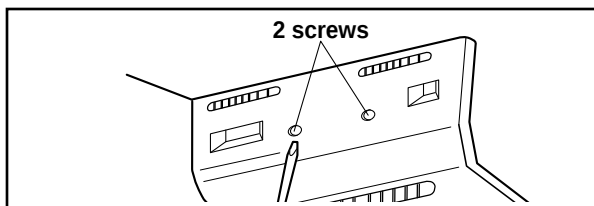
3) Push the right arrow part of the chilled room inside and apart the chilled room cover.



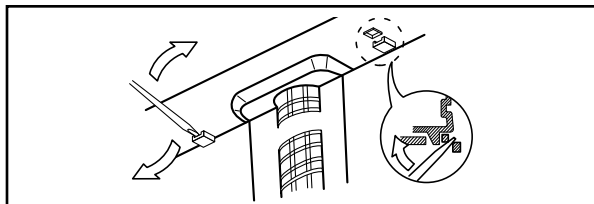
4) Up the cover of vegetable box and pull apart then pull it out.



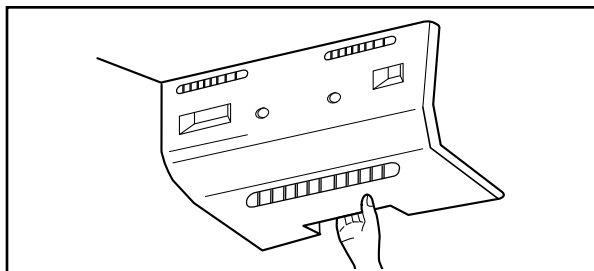
5) Remove the screws with (-) driver.



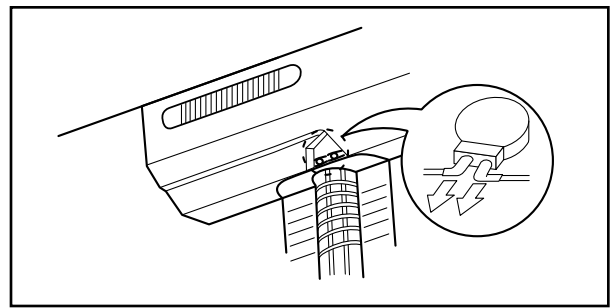
6) Release the locking part using (-) driver as shown.



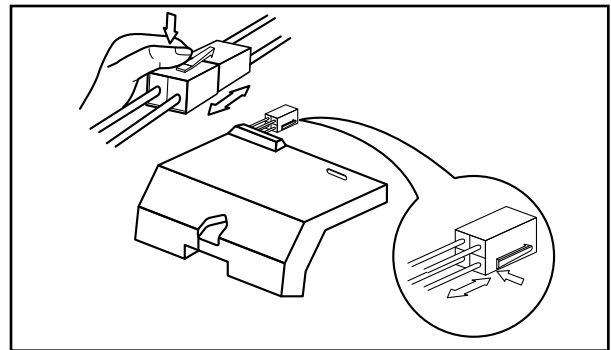
7) Pull out the cover front part.



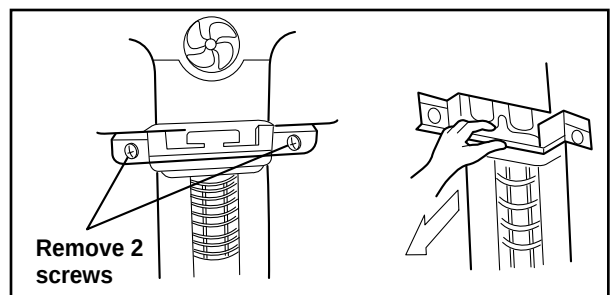
8) Disassemble the wire housing of motor in the center.



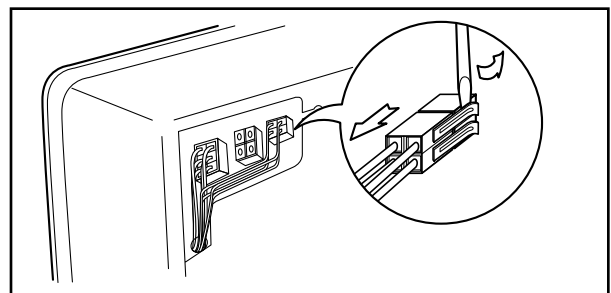
9) Pull the housing part and disassemble the wire terminal.



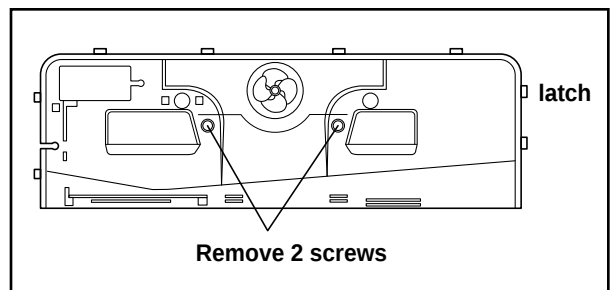
10) Remove screws of duct and pull apart.



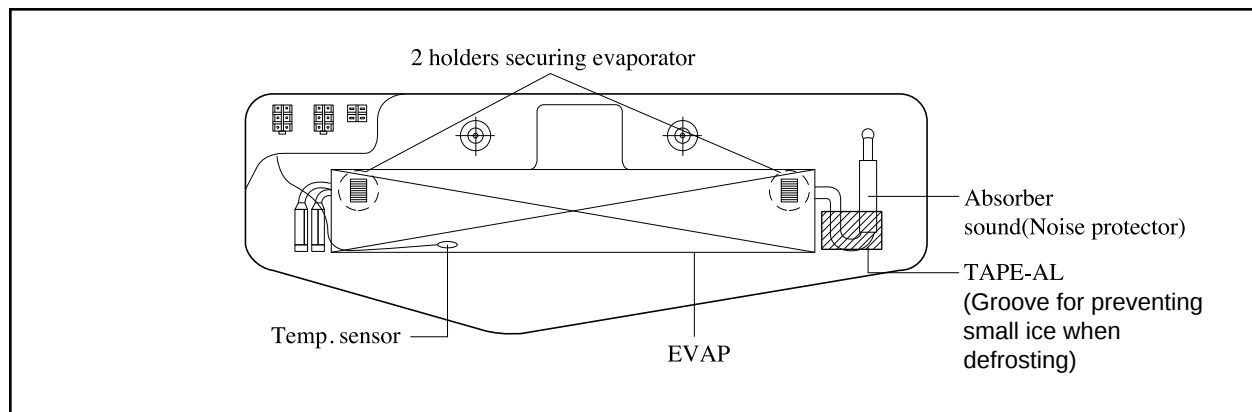
11) Release wire terminal on top of the left.



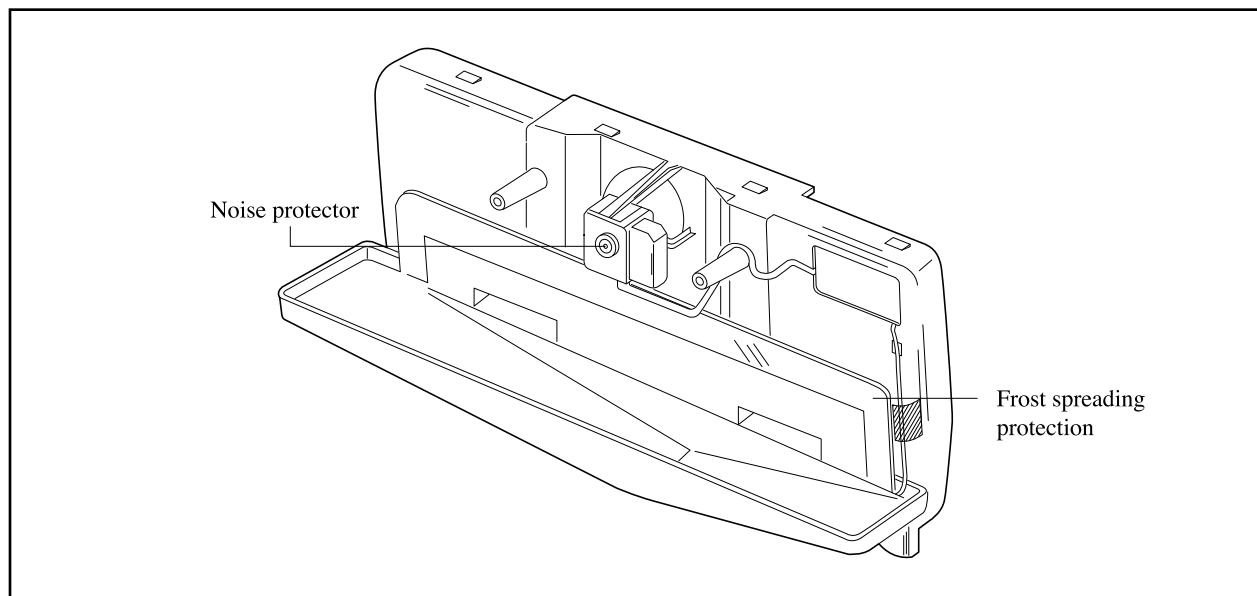
12) Remove screws of evap. Cover rear and release the locking part of both left and right using (-) driver.



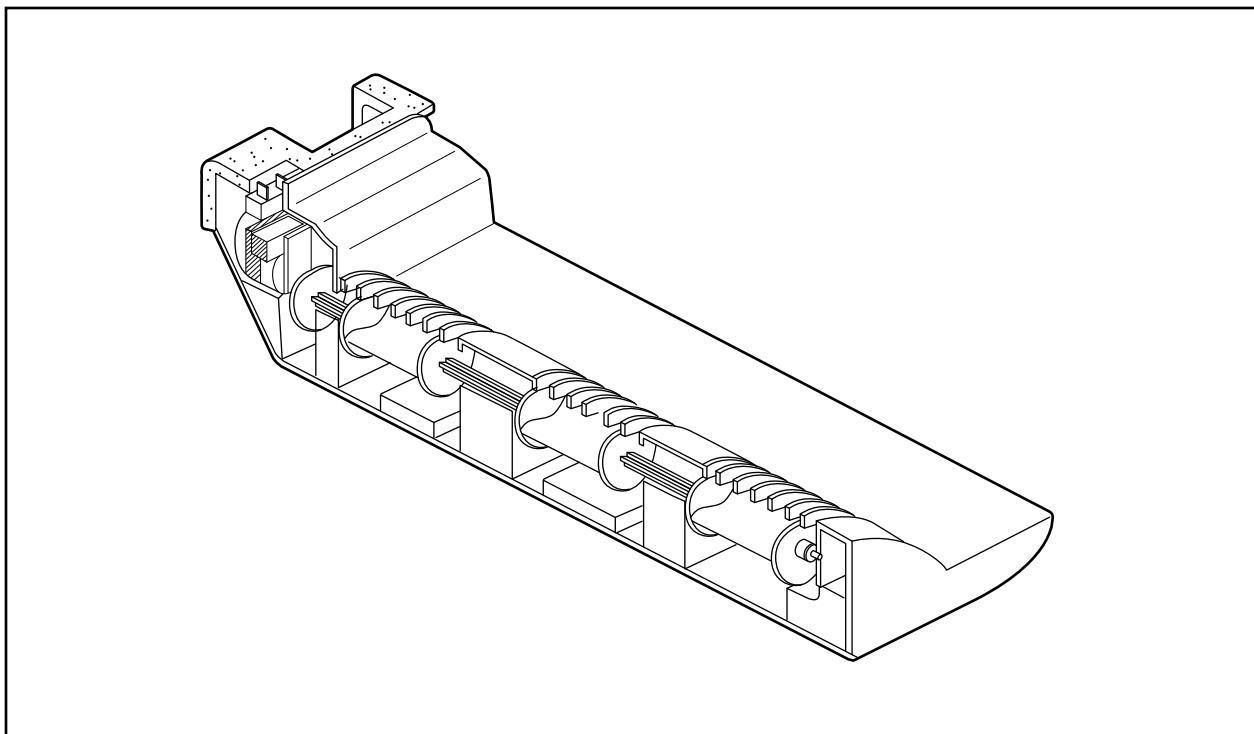
® Cooling cycle unit assembly in the refrigerating compartment



® Cooling cycle unit cover assembly in the refrigerating compartment

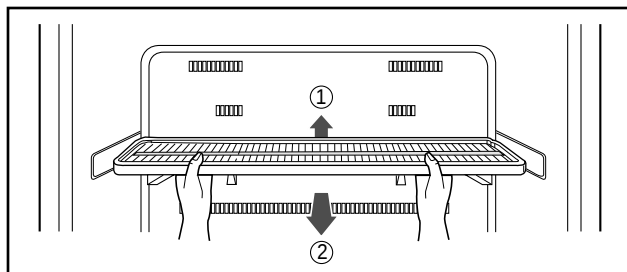


® Rotating duct assembly in the refrigerating compartment

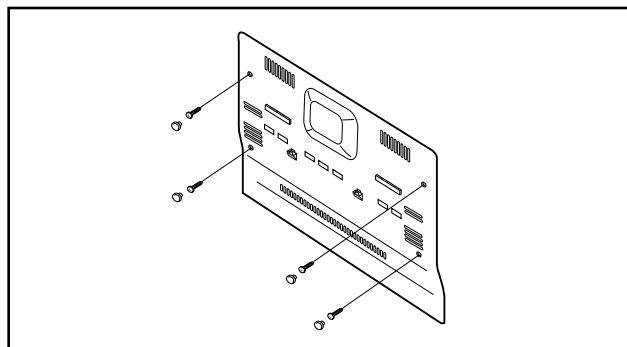


11-4 Disassemble of cooling part in the freezing room

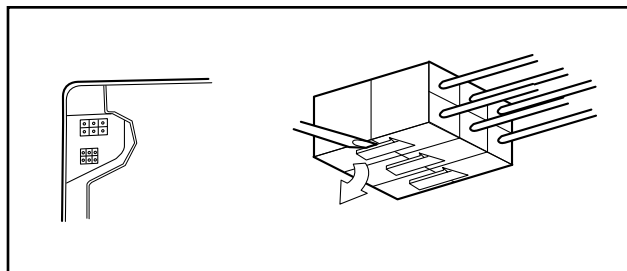
1) Pull out the shelf.



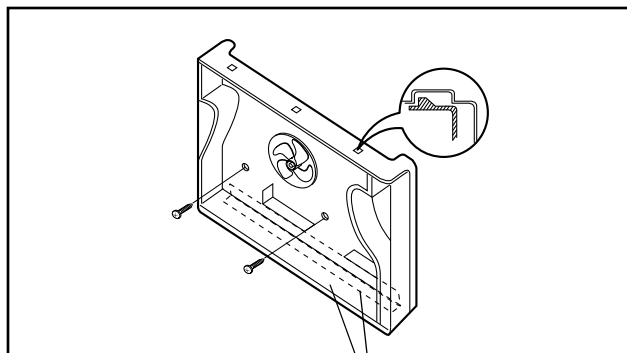
2) Remove screws of evap cover and pull apart.



3) Disconnect the each terminal of wire housing on top of the left side.

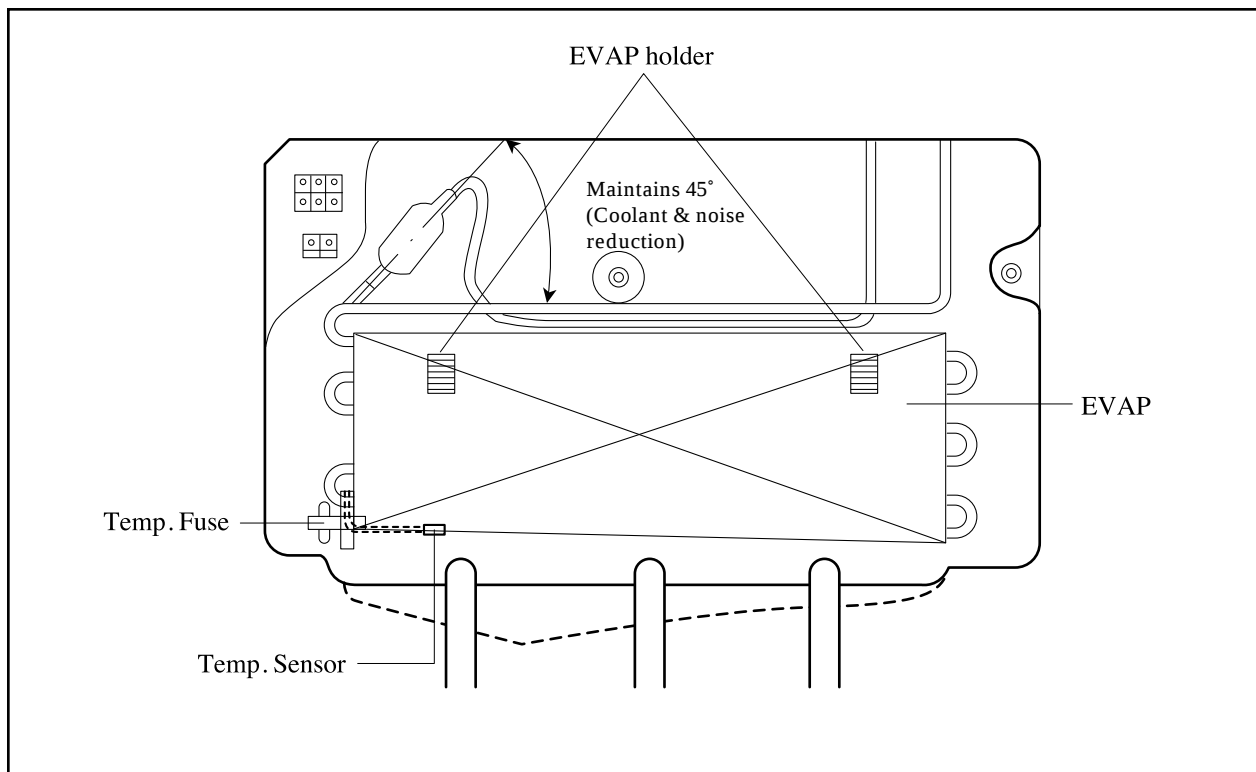


4) Remove screws of evap. Cover rear and release the locking point using (-) driver.



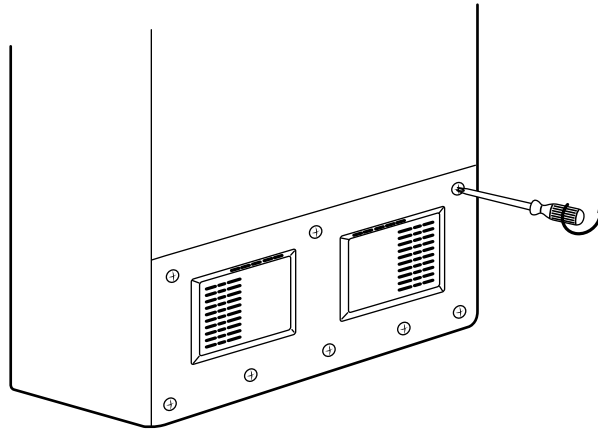
Residual spread preventer

® Assembly of the cooling cycle unit in the freezer

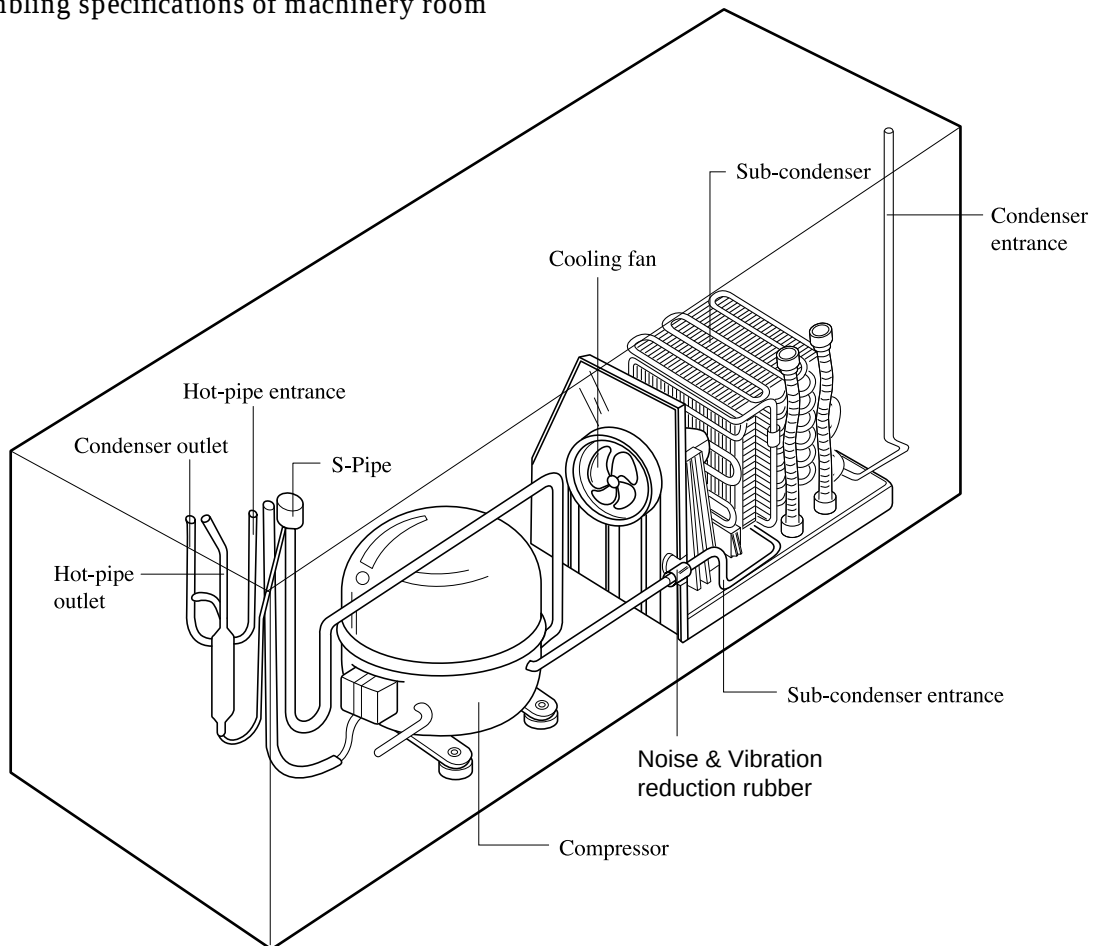


11-5 Assembling specifications of machinery room

1. remove screws of compressor cover

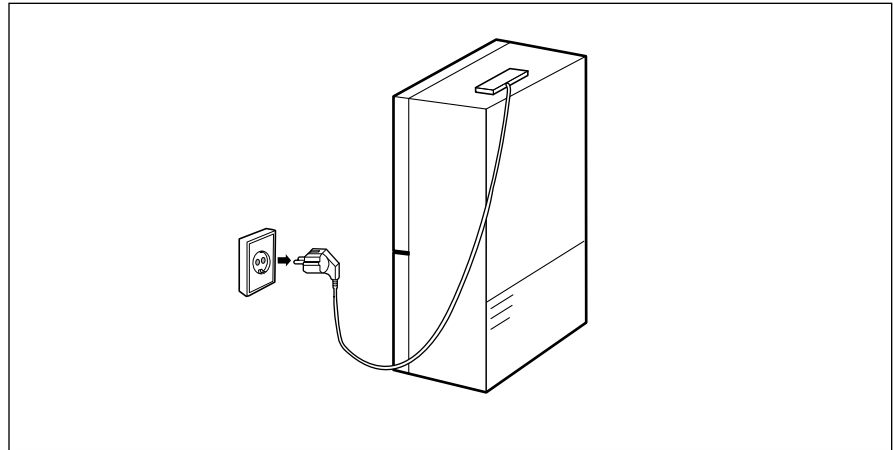


2. Assembling specifications of machinery room

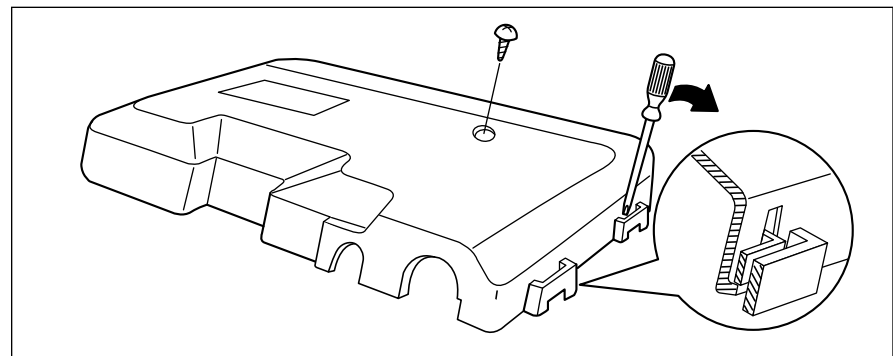


11-6 Assembling specifications of power supply part

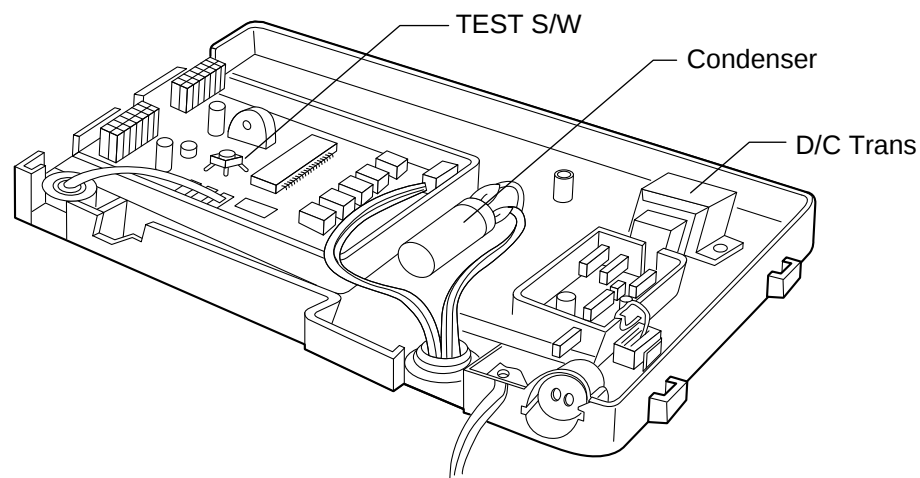
1. Turn off the power of refrigerator.



2. Remove the cover using (-) driver.



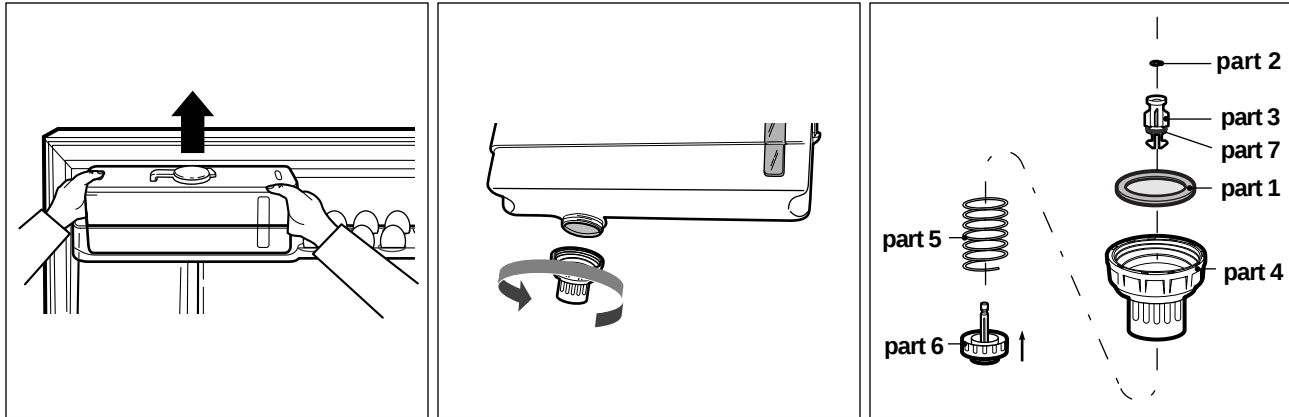
3. Assembling specifications of power supply part



11-7 Disassembling method and order of water dispenser

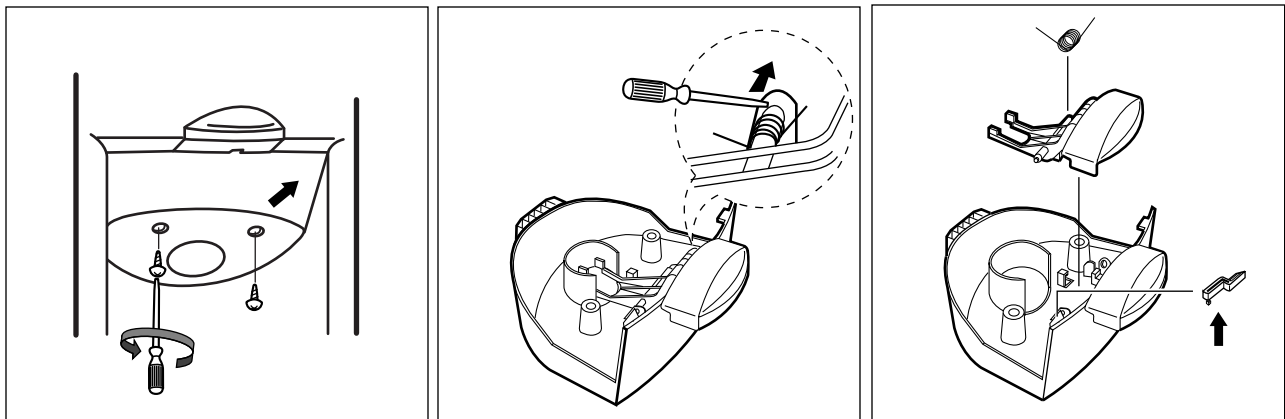
1. Disassembling method and order of cock part

- 1-1. Open the door and detach the water tank. Throw away waters in the tank.
- 1-2. Turn the cock on the bottom of the water tank to counterclockwise and apart.
- 1-3. Push part 6 to arrow direction and apart part 2 then part 5,6 automatically aparted. Puch the locking point to arrow direcion to apart part 3.
- 1) Be careful not to damage the parts 1,2,5,7 (It may cause a leak of water.)
- 2) Assembling is reverse of the disassembling order.



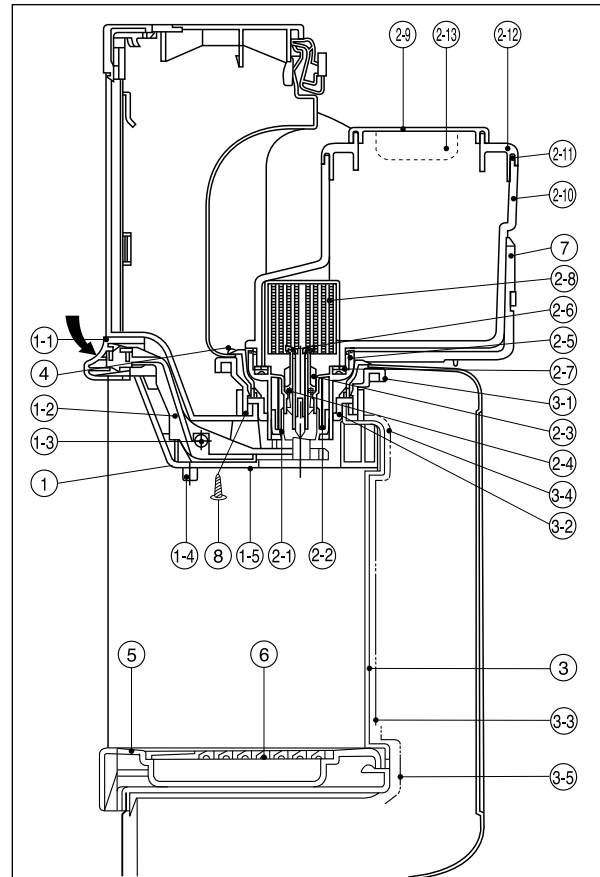
2. Disassembling method and order of lever

- 2-1. Close the door and turn the screw of the bottom of cover dispenser to counterclockwise using (+) driver and pull out to arrow direction and apart the cover.
- 2-2. Release locking point of lever dispenser using (-) driver to the arrow direction and apart spring and lever dispenser.
- 2-3. Push locking point using (-) driver and pull out key-lock to upside then apart dispenser locking device.
- 2-4. Assembling is reverse of the disassembling order after inserting the spring to lever shaft.

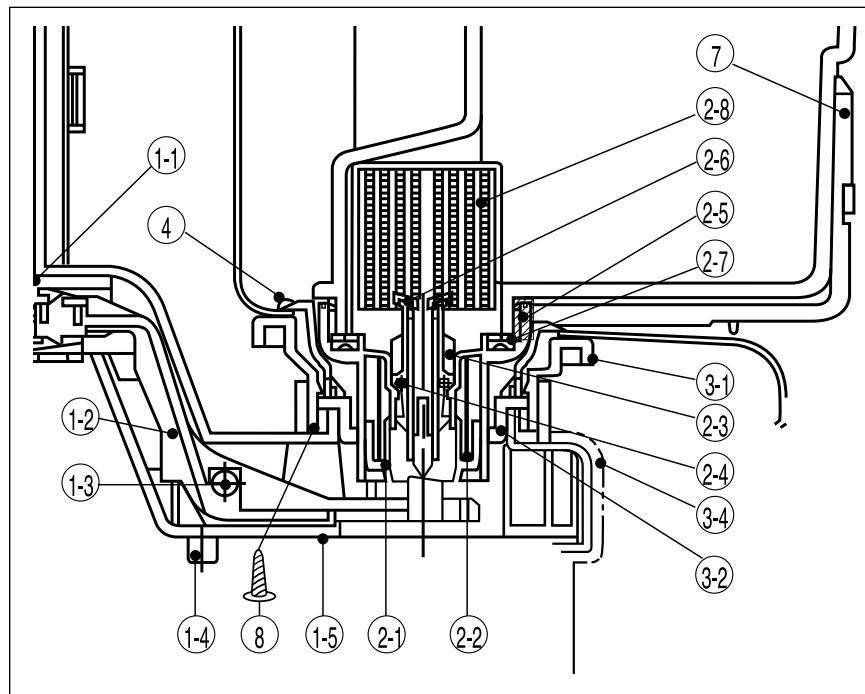


11-8 The operating theory and order of water dispenser

1. Push the knob lever(1-1) to the arrow direction.
2. Lever dispenser(1-2) rotates around spring-lever(1-3) to the counterclockwise and push guide pin(2-1) and press the spring dispenser(2-2) vertically.
3. O-ring(big)(2-4) inserted in guide-push(2-3) moves vertically and aparts from cock-dispenser(2-5) then water flows through path of guide-pin(2-1) to the cup.
4. O-ring(small)(2-6) inserted in guide-pin(2-1) also aparts from guide-push(2-3) to let air go through that helps water flowing.
5. Stop pushing knob lever(1-1) when water filled to certain point.
6. Lever-dispenser returns by expansive force of spring-dispenser(2-2) and spring-lever(1-3) .
7. Guide-push(2-2), guide-pin(2-1), o-ring(small)(2-6) and o-ring(big)(2-4) also retun and contact cock-dispenser(2-5) then return to initial state.



WATER-DISPENSER



11-9 Dispenser unit list

NO	CODE-NO	PART	SPEC.	Q'TY	REMARK
1	DA63-10905C	ASS'Y-COVER DISPENSER	M-PROJECT	1	
1-1	DA64-40173B	KNOB(LEVER)	ABS	1	
1-2	DA32-10105G	LEVER-DISPENSER	POM(TP-20)	1	
1-3	DA61-20146A	SPRING(LEVER)	STS-304(WPB)	1	
1-4	DA64-90138B	KEY(LEVER)	ABS(HG-0760)	1	
1-5	DA64-10896B	COVER-DISPENSER	ABS(HG-0760)	1	
2	DA64-90136A	TANK-WATER ASS'Y	M-PROJECT	1	
2-1	DA71-70158A	GUIDE-PIN	PC	1	
2-2	DA61-20147A	SPRING-DISPENSER	STS-304(WPB)	1	
2-3	DA71-70159A	GUIDE-PUSH	PC	1	
2-4	DA60-90103B	RING-O	SILICON(TSE-221)	1	
2-5	DA67-10402A	COCK-DISPENSER	PC-ABS	1	
2-6	DA60-90103A	RING-O	SILICON(TSE-221)	1	
2-7	DA74-40142A	VALVE(WATER-TANK)	SILICON(TSE-221)	1	
2-8	DA71-20159A	FIXER-FILTER	PE(HARD)	1	
2-9	DA67-30214A	CAP-TANK UPP	PE(SEMI-HARD)	1	
2-10	DA74-90115B	TANK-WATER	ABS(INSERT)	1	
2-11	DA63-30011A	GASKET-COMP V/PLATE	SILICON(TSE-221)	1	
2-12	DA63-10383A	COVER TANK	ABS, WHT	1	
2-13	DA65-20004A	CLAMP-TANK	PC ABS	2	
2-14	DA67-30005A	CAP	ABS	1	PART USED INSTEAD OF WATER TANK
3	DA67-10403B	CASE-DISPENSER	ABS	1	A/S IMPOSSIBLE
3-1	DA71-20264A	FIXER-CASE	ABS	1	A/S IMPOSSIBLE
3-2	DA74-40144A	VALVE(FIXER-CASE)	SILICON(TSE-221)	1	A/S IMPOSSIBLE
3-3	DA02-10143A	TAPE-AL, FOIL(B)	AL(T=0.075)	1	A/S IMPOSSIBLE
3-4	DA02-10142A	TAPE-AL, FOIL(A)	AL(T=0.075)	1	A/S IMPOSSIBLE
3-5	DA02-10014A	TAPE-AL	TAPE AL, T0.05, W50, 1RL	0.32MT	A/S IMPOSSIBLE
4	DA63-10010A	COVER-DISPENSER, B	ABS	1	
5	DA67-40295B	TRAY-DISPENSER, A	ABS	1	
6	DA67-40294B	TRAY-DISPENSER, B	ABS	1	
7	DA63-20158C	GUARD-VARIETY, A	GPPS	1	
8	6002-000213	SCREW-TAP	TH1 4X12 FZ-FZY	2	

11-10 General diagnosis of water dispenser

