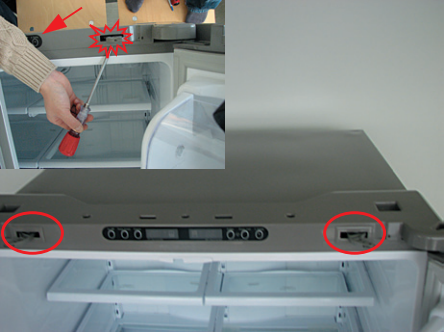
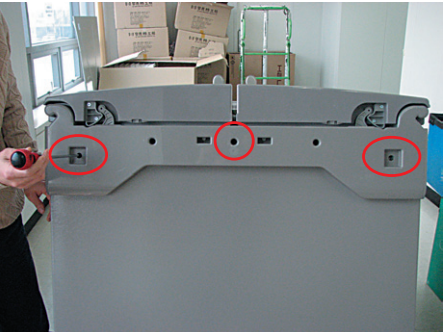
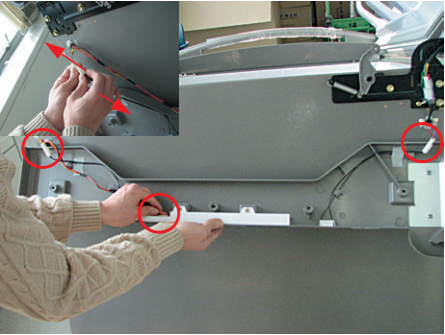
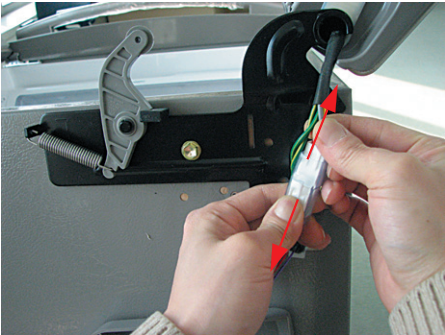


### 3. DISASSEMBLY AND REASSEMBLY

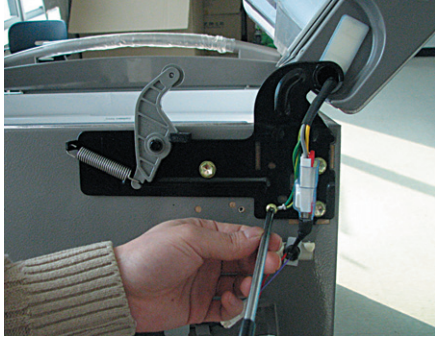
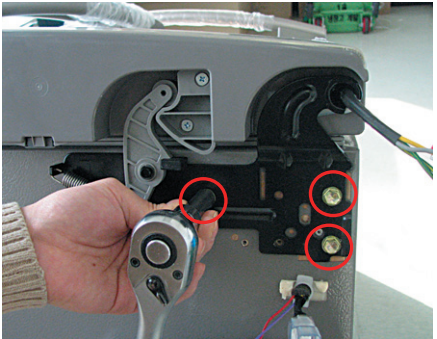
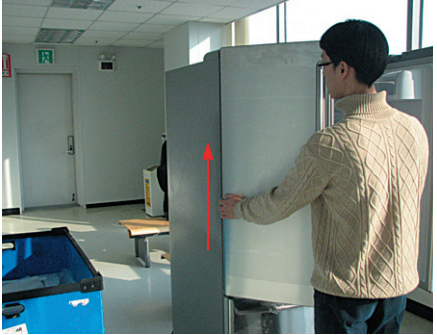
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# DISASSEMBLY AND REASSEMBLY

## 3-1) Refrigerator Door

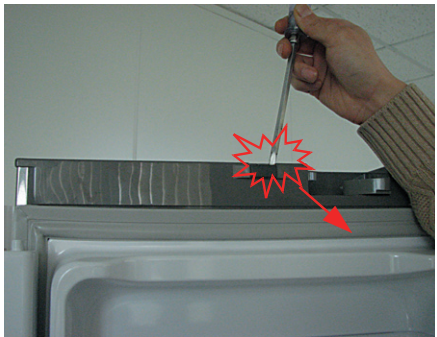
Part Name	How To Do	Descriptive Picture
<b>Refrigerator Door</b>	<p>1. Remove the cap-top table with using a flat-blade(-) screwdriver.</p>	
	<p>2. Remove 3 screws of the top-table.</p>	
	<p>3. Remove the 3 housing-connect screws of TOP-TABLE. (Refer to the picture)</p>	
	<p>4. Disengage the housing-connect of upper hinge (left door).</p>	

## DISASSEMBLY AND REASSEMBLY


Part Name	How To Do	Descriptive Picture
<b>Refrigerator Door</b>	5. Remove the earth-screw of upper hinge.	
	6. Remove 3 bolt screws of hinge.  <b>Caution : Avoid damage or separation of the door when removing the bolt.</b>	
	7. Remove the door by lifting it straight up.	

## DISASSEMBLY AND REASSEMBLY


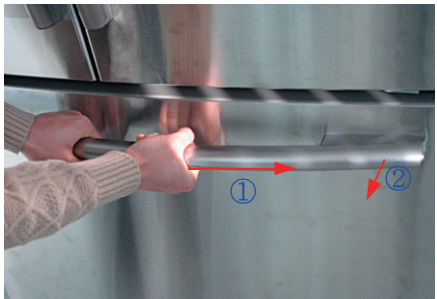
### 3-2) Door Switch In Refrigerator

Part Name	How To Do	Descriptive Picture
<b>Door Switch In Refrigerator</b>	1. Remove the magnet switch with using a flat-blade(-) screwdriver. (Refer to the picture)	

### 3-3) Door Gasket

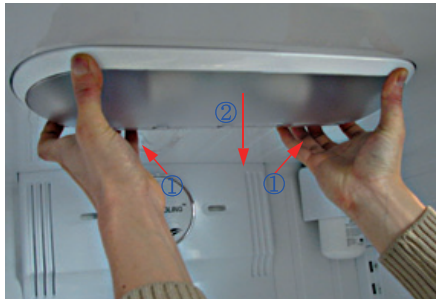

Part Name	How To Do	Descriptive Picture
<b>Door Gasket In Refrigerator</b>	1. Remove the door-gasket by pulling it out of the retaining channel.	

### 3-4) Door Handle


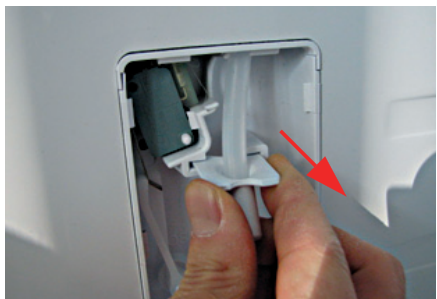
Part Name	How To Do	Descriptive Picture
<b>Door Handle Refrigerator</b>	1. Remove the door handle of refrigerator by lifting it up and pulling it out. (Refer to the picture)	
<b>Door Handle Freezer</b>	1. Remove the door handle of freezer by pushing it to the right and pulling it out. (Refer to the picture)	

## DISASSEMBLY AND REASSEMBLY

### 3-5) Refrigerator Light


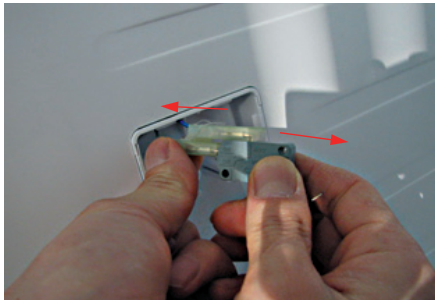
Part Name	How To Do	Descriptive Picture
Refrigerator Light	1. Remove the light cover by pulling it down with pushing the rear of light cover.	
	2. Remove the lamp by turning it counterclockwise.	

### 3-6) Internal Water Dispenser


Part Name	How To Do	Descriptive Picture
Internal Water Dispenser Cover	1. Remove the internal water dispenser cover by inserting a flat-blade(-) screwdriver to the gap of dispenser with pulling the cover.	
Water Hose Cap	2. Remove the water hose cap by pulling it out. (Refer to the picture)	



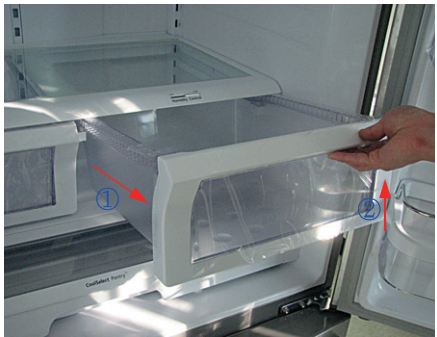
## DISASSEMBLY AND REASSEMBLY

Part Name	How To Do	Descriptive Picture
<b>Micro Switch</b>	1. Remove the micro switch with using flat- blade(-) screwdriver. (Refer to the picture)	
	2. Disengage the Housing Connect. (Refer to the picture)	


### 3-7) Spill Proof Glass Shelf

Part Name	How To Do	Descriptive Picture
<b>Spill Proof Glass Shelf</b>	1. Remove the shelf by lifting the front plane of the shelf up and pulling it out.	


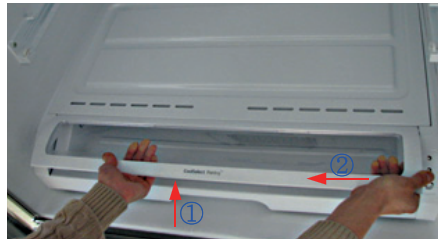

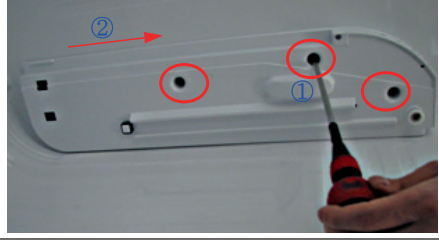

### 3-8) Vegetable & Fruit Drawers

Part Name	How To Do	Descriptive Picture
<b>Vegetable &amp; Fruit Drawers</b>	1. Remove the vegetable & fruit drawer by pulling the roller part and lifting it up.	

## DISASSEMBLY AND REASSEMBLY

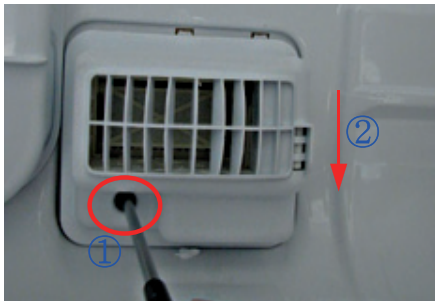

Part Name	How To Do	Descriptive Picture
<b>Vegetable &amp; Fruit Drawers Shelf</b>	1. Remove the vegetable & fruit drawers shelf by pulling it out. (Refer to the picture)	

### 3-9) Cool Select Pantry


Part Name	How To Do	Descriptive Picture
<b>Cool Select Pantry</b>	1. Remove the cool select pantry by pulling the roller part and lifting it up.	
<b>Cool Select Pantry Cover</b>	1. Remove the cool select pantry cover by lifting the central part of the cover with pushing it to the left.	
<b>Cool Select Pantry Shelf</b>	1. Remove the cool select pantry shelf by lifting the front part of the shelf with pulling it.	
<b>Cool Select Pantry Rail</b>	1. Remove the cool select pantry rail by unscrewing the 3 screw parts and pulling the rail.	
	2. Disconnect the housing connect of internal rail part. (Refer to the picture)	

## DISASSEMBLY AND REASSEMBLY

### 3-10) Motor Damper

Part Name	How To Do	Descriptive Picture
Motor Damper	1. Remove the cool select pantry. Remove the screw part of lower motor damper part and then push the motor damper down.	
	1. Disengage 2 housing connects of the rear motor damper. (Refer to the picture)	

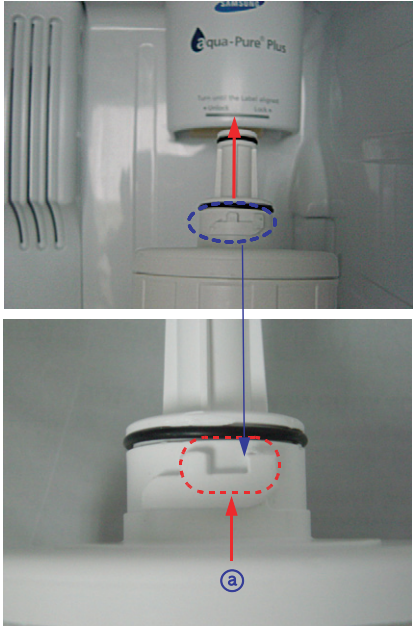

### 3-11) Water Filter (Disassembly)

Part Name	How To Do	Descriptive Picture
Water Filter	<ol style="list-style-type: none"> <li>1. Remove the shelf by lifting the front plane of the shelf up and pulling it out.</li> <li>2. Remove the water filter by turning it clockwise. (Refer to the picture)</li> </ol>	




# DISASSEMBLY AND REASSEMBLY

## 3-11) Water Filter (Reassembly)





Part Name	How To Do	Descriptive Picture
<p style="text-align: center;"><b>Water Filter</b></p>	<p>1. Place the part of (a) arrow (that is indicating in the picture) in the middle of the front filter cover and push it up.</p>	
	<p>2. Turn the water filter counterclockwise until central horizontal line of filter cover and both ends of water filter label are made all of the same width. (Refer to the picture.)</p>	

## 3-12) Gallon Door Bin

Part Name	How To Do	Descriptive Picture
<p style="text-align: center;"><b>Gallon Door Bin</b></p>	<p>1. Remove the gallon door bin by lifting it up. (Refer to the picture)</p>	

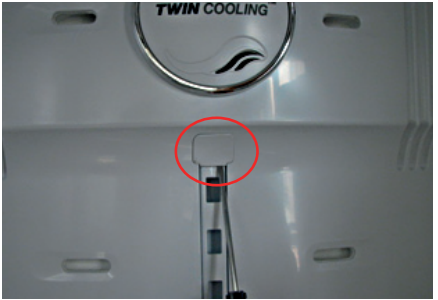
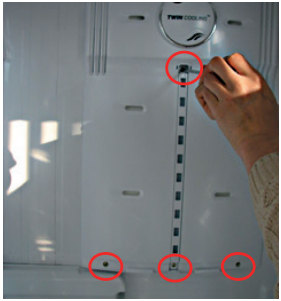
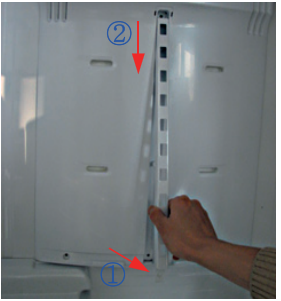


# DISASSEMBLY AND REASSEMBLY

## 3-13) Vertical Hinged Section

Part Name	How To Do	Descriptive Picture
<b>Vertical Hinged Section</b>	1. Remove 2 screw cap parts with using flat-blade(-) screwdriver. (Refer to the picture)	
	2. Unscrew 2 screws.	
	3. Disengage the internal housing connect of vertical hinge.	
	4. Remove the vertical hinged section by lifting vertical hinge up. (Refer to the picture)	

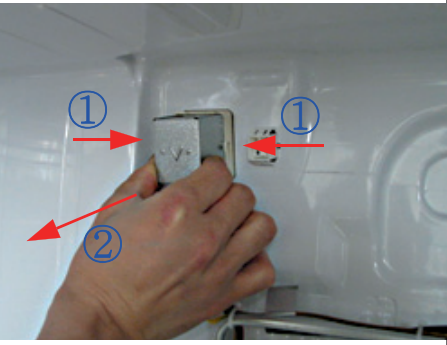
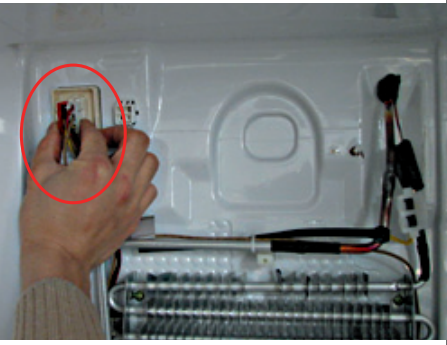
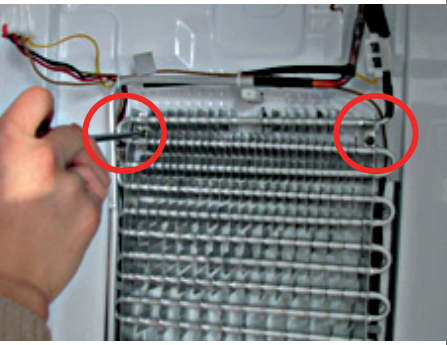

## DISASSEMBLY AND REASSEMBLY

### 3-14) Evaporator Cover In Refrigerator

Part Name	How To Do	Descriptive Picture
<p><b>Evaporator Cover In Refrigerator</b></p>	<p>1. Remove the angle cap with using a flat-blade screwdriver. (Refer to the picture)</p>	
	<p>2. Unscrew 4 screws.</p>	
	<p>3. Remove the the lower part of angle mid by pulling it out and pushing it down. (Refer to the picture)</p>	
	<p>4. Remove the hook by pulling it from the lower part and pushing the cover down. (Refer to the picture)</p>	
	<p>5. Disconnect the housing connect of rear plane. (Refer to the picture)</p>	

## DISASSEMBLY AND REASSEMBLY

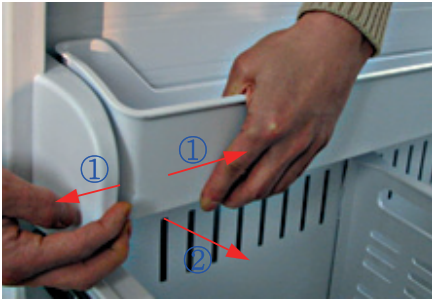


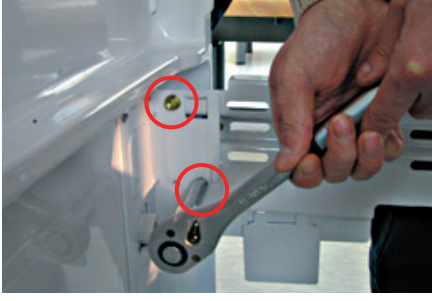

### 3-15) Evaporator In Refrigerator

Part Name	How To Do	Descriptive Picture
<b>Evaporator In Refrigerator</b>	1. Remove the the housing cover by pushing both lateral sides of the housing cover and pulling it out. (Refer to the picture)	
	2. Disconnect the housing connect part. (Refer to the picture)	
	3. Unscrew 2 screws.	
	4. Remove the evaporator by lifting the bottom side of it up and pulling it out. (Refer to the picture)	



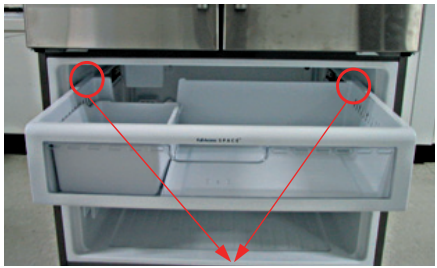


# DISASSEMBLY AND REASSEMBLY

## 3-16) Freezer Door



Part Name	How To Do	Descriptive Picture
<b>Freezer Door</b>	<p>1. Open the freezer door. Remove the tilting pocket by pushing it to the left. (Refer to the picture)</p>	
	<p>2. Remove the 2 support tilting pockets with temporary force. (Refer to the picture)</p>	
	<p>3. Remove the freezer drawer bin by lifting the bottom part of it up. (Refer to the picture)</p>	
	<p>4. Remove 4 internal bolts at both lateral sides of rail part. (Refer to the picture)</p>	
	<p>5. Remove the freezer door by tilting the bottom part of it and lifting it up.</p>	

## DISASSEMBLY AND REASSEMBLY



### 3-17) Pull Out Drawer

Part Name	How To Do	Descriptive Picture
Pull Out Drawer	1. Slide the drawer out as much as possible.	
	2. Insert a flat screw driver(-) into the gap and then push it up to disassemble.	
	3. Remove the pull out drawer by lifting the bottom part of drawer bin and pulling it out.	


### 3-18) Ice Maker

Part Name	How To Do	Descriptive Picture
Ice Maker	1. Remove the ice maker cover by pulling the bottom part of ice maker cover out.	
	2. Unscrew 2 screws.	

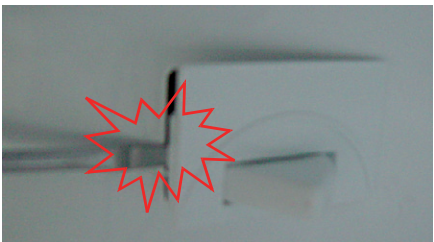
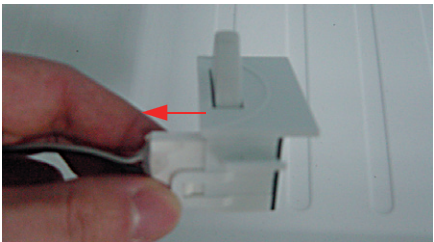
## DISASSEMBLY AND REASSEMBLY

Part Name	How To Do	Descriptive Picture
Ice Maker	3. Remove the ice maker by pulling it out.	
	4. Disconnect the housing connector part.	

### 3-19) Freezer Light


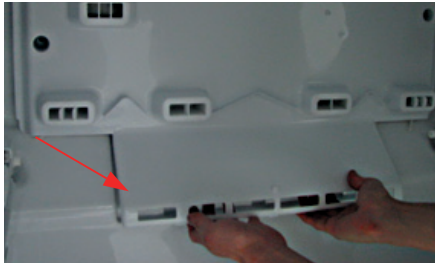
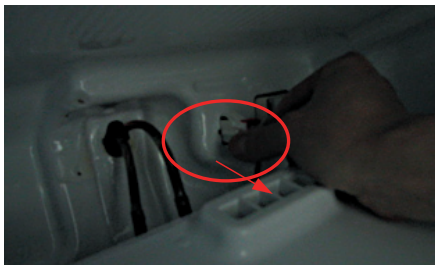
Part Name	How To Do	Descriptive Picture
Freezer Light	1. Remove the light by pulling the light cover down with pushing the rear plane of light cover.	

### 3-20) Door Switch In Freezer

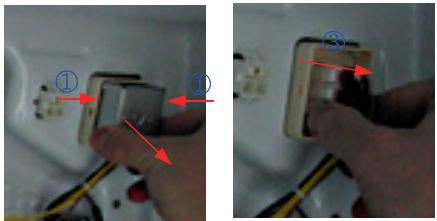
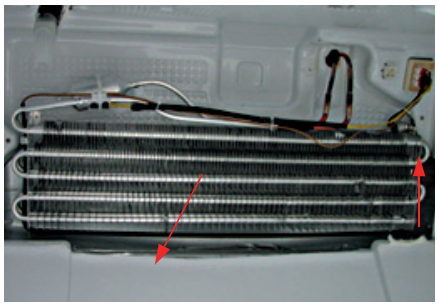
Part Name	How To Do	Descriptive Picture
Door Switch In Freezer	1. Remove the freezer drawer bin with using flat-blade(-) screwdriver.(Refer to the picture)	
	2. Disconnect the housing connector part.	

## DISASSEMBLY AND REASSEMBLY

### 3-21) Evaporator Cover In Freezer

Part Name	How To Do	Descriptive Picture
Evaporator Cover In Freezer	1. Remove the freezer door, freezer drawer bin, pull out drawer, ice maker and then unscrew 2 screws.	
	2. Remove the evaporator cover by pulling the bottom part of it out.	
	3. Disconnect the housing connector part.	

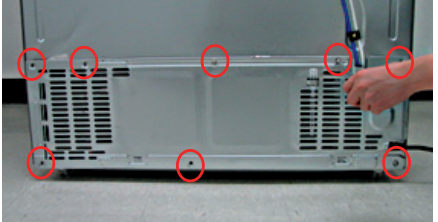
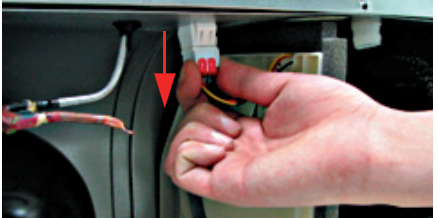
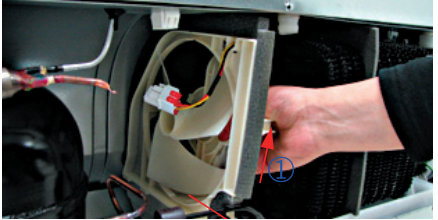
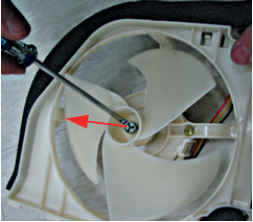

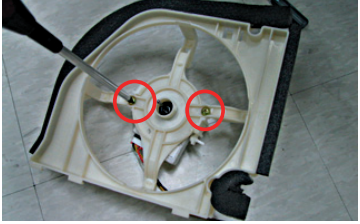
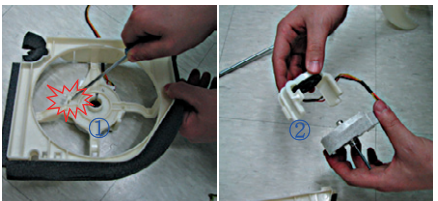
### 3-22) Evaporator In Freezer

Part Name	How To Do	Descriptive Picture
Evaporator In Freezer	1. Remove the housing cover by pushing both lateral sides of housing cover part and pulling it out. Remove the housing connector part.	
	2. Remove the evaporator by pulling the lower part of evaporator with lifting it up.	



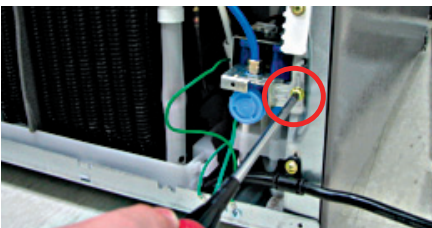
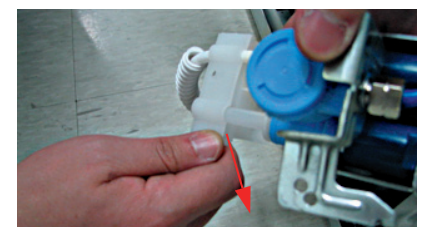
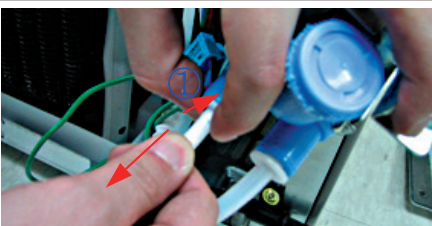
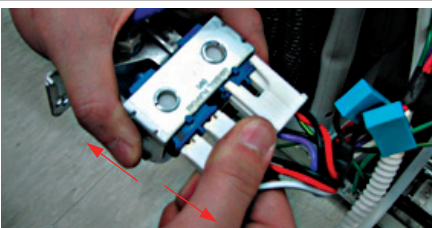
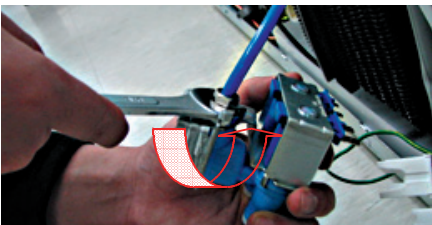


# DISASSEMBLY AND REASSEMBLY

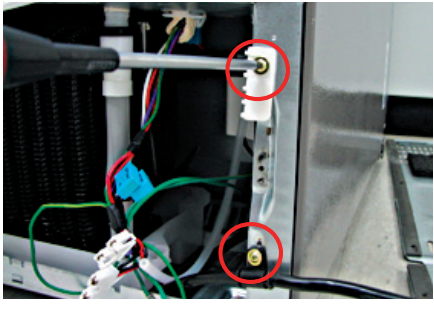
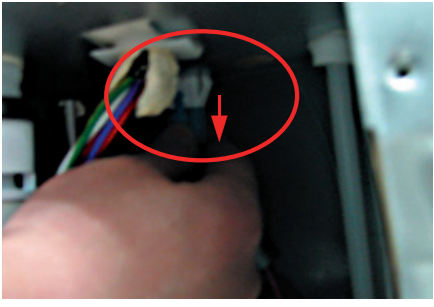
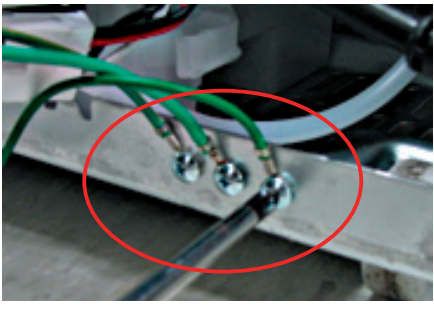
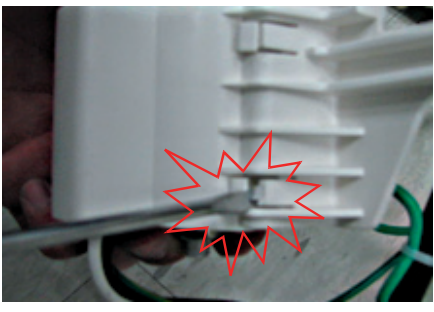
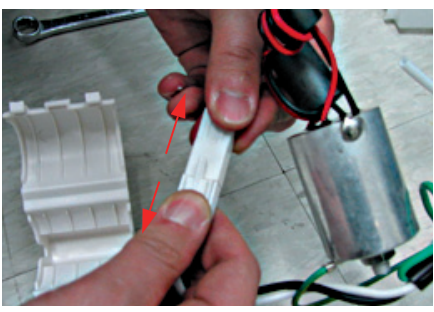
## 3-23) Machine Compartment

Part Name	How To Do	Descriptive Picture
<b>Motor Fan</b>	1. Unscrew 8 screws of cover comp.	
	2. Disengage the housing connector. (Refer to the picture)	
	3. Remove the hooker of support circuit motor by lifting the hooker up and pulling it out.	
	4. Remove the spring with using flat-blade screwdriver. (Refer to the picture)	
	5. Remove the motor fan by pulling the fan out with grasping the motor part. (Refer to the picture)	
	6. Unscrew 2 screws fixed in the motor.	
	7. Remove the hook of motor cover with using a flat-blade (-) screwdriver and then remove the motor.	

## DISASSEMBLY AND REASSEMBLY

Part Name	How To Do	Descriptive Picture
<p style="text-align: center;"><b>Relay PTC &amp; O/L</b></p>	<p>1. Disengage the housing connector.</p>	
	<p>2. Remove the relay PTC with using a flat-blade screwdriver. (Refer to the picture)</p>	
<p style="text-align: center;"><b>Water Valve</b></p>	<p>1. Unscrew the water valve fixed in the screw part.</p>	
	<p>2. Remove the the hook part of hose fixer by pushing it down.</p>	
	<p>3. Remove 2 water hose parts with pushing upper part of ①. (Refer to the picture)</p>	
	<p>4. Disengage 2 housing connector parts.</p>	
	<p>5. Remove the hose connecting nut with using a wrench(8mm).</p>	


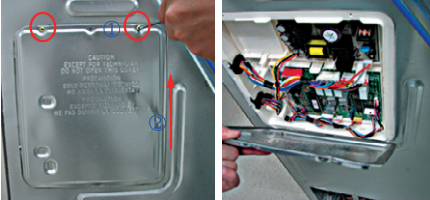

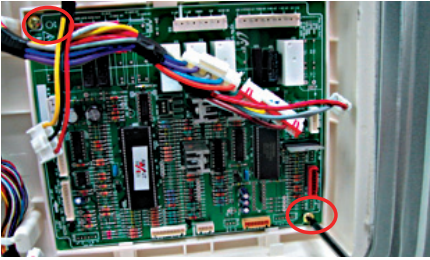
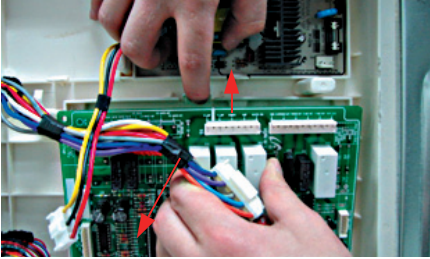
## DISASSEMBLY AND REASSEMBLY

Part Name	How To Do	Descriptive Picture
<p><b>Power Cord &amp; Noise Filter</b></p>	<p>1. Unscrew 2 screws.</p>	
	<p>2. Disengage the housing connector.</p>	
	<p>3. Unscrew 3 earth screws.</p>	
	<p>4. Remove the cover by pushing the hook up with using a flat-blade(-) screwdriver. (Refer to the picture)</p>	
	<p>5. Disengage the housing connector to separate the power cord and noise filter.</p>	



# DISASSEMBLY AND REASSEMBLY

## 3-24) Electric Box

Part Name	How To Do	Descriptive Picture
<p><b>PBA Main</b></p>	<p>1. Pull the refrigerator forward for having enough space to work at the rear side of the appliance.</p>	
	<p>2. Unscrew 2 PCB cover fixed screws.</p>	
	<p>3. Disengage all housing connectors connected with main PCB.</p>	
	<p>4. Unscrew 2 PCB fixed screws.</p>	
	<p>5. Remove the main PCB with lifting the upper part of the hook up. (Refer to the picture)</p>	
<p><b>PBA SMPS</b></p>	<p>1. Remove the cover PCB and then disengage the housing connector connected with main PCB. Remove the SMPS PCB with pushing the lower part of the hook down.</p>	