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创意感动生活
The Creative Life

TCL Home Appliances (HeFei) Co., Ltd.

Refrigerator Disassembly and Recycling Manual

Product model: TRF-545W

Disassembly Guide

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Guidelines

Required tools:

1. A pair of white gloves
2. A Phillips screwdriver
3. A sleeve (size: 8mm)
4. Pincer pliers
5. One flathead screwdriver



A pair of white gloves



A Phillips screwdriver (electric)



A sleeve (size: 8mm)



Pincer pliers



One flathead screwdriver

Disassembly Guide

Guidelines for disassembly of water dispenser



1. First disassemble the display control panel above the handle of the water dispenser



2. Pull down the display control panel forcefully



3. Unplug the connected wire harness terminal



4. Remove the handle of the water dispenser



5. Pull out the water storage box diagonally upward



6. Push the outlet valve inward from the door by hand



7. Complete the disassembly of the water dispenser

Disassembly Guide

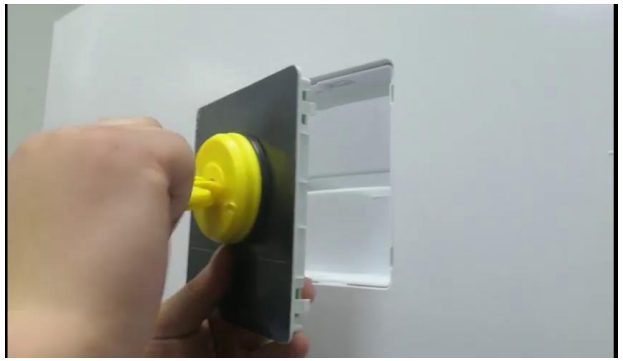
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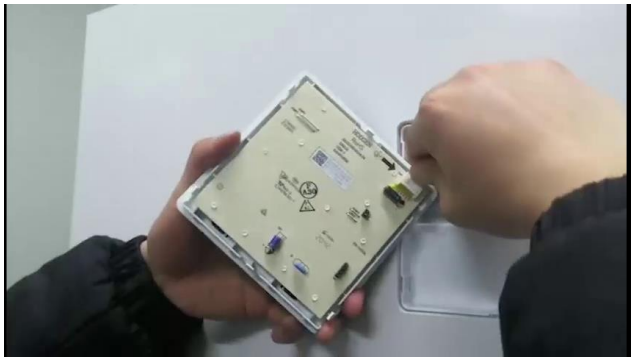
Disassembly of display control board



1. Appearance of the display control board



2. Use the suction cup to absorb the display control board and pull it outwards forcefully



3. Unplug the wire harness terminal connected to the display control board



4. Complete the display control board

Disassembly Guide

Guidelines for disassembly of the freezing chamber door



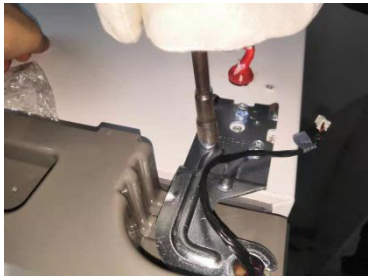
1. First use a cross screwdriver to unscrew the screws of the hinge cover



2. Pull the hinge cover upwards forcefully to open



3. Unplug the wire harness terminal



4. Use an 8mm sleeve to loosen the three bolts of the upper hinge



5. Use a cross screwdriver to unscrew the three bolts



6. Remove the upper hinge



7. Complete the disassembly of the upper hinge



8. Gently lift up and remove the freezing chamber door



9. Complete the disassembly of the freezing chamber door

Disassembly Guide

Guidelines for disassembly of the top light assembly



1. Appearance of the top light assembly



2. Use a flathead screwdriver to insert along the edge of the lampshade and lift it up forcefully



3. Pull out the top light assembly from the inner liner



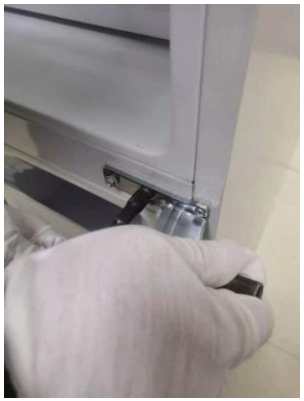
4. Unplug the wire harness connection terminal



5. Complete the disassembly of top light assembly

Disassembly Guide

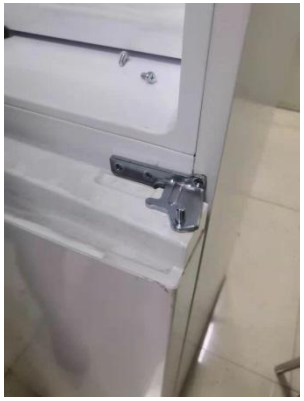
Guidelines for disassembly of the refrigerating chamber door



1. First use an 8mm sleeve to loosen the two bolts of the middle hinge



2. Use a cross screwdriver to unscrew the two bolts and one screw of the right middle hinge



3. Remove the middle hinge



4. Complete the disassembly of the middle hinge



5. Gently lift up and remove the refrigerating chamber door



6. Complete the disassembly of the refrigerating chamber door

Disassembly Guide

Guidelines for disassembly of freezing air duct



1. Appearance of freezing air duct



2. Use a flathead screwdriver to remove the two bolt covers on the left and right of the air duct



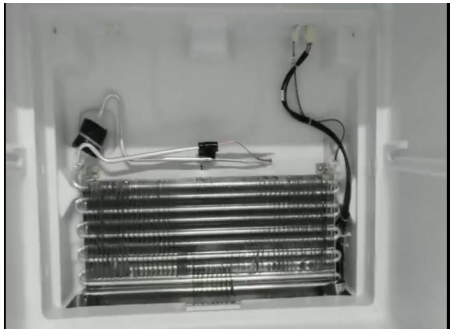
3. Use a cross screwdriver to remove the left and right screws



4. Grasp the freezing air duct and pull it out, and remove the freezing air duct assembly



5. Unplug the wire harness connection terminal



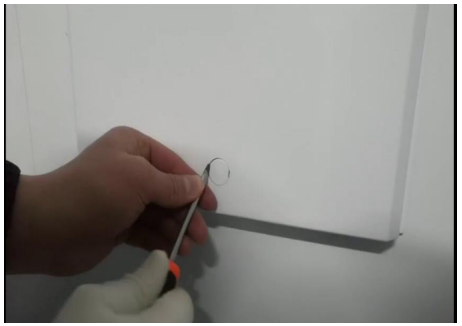
6. Complete the disassembly of the freezing air duct

Disassembly Guide

Guidelines for disassembly of refrigerating air duct



1. Appearance of refrigerating air duct



2. Use a flathead screwdriver to remove the screw cover at the bottom of the air duct



3. Use a cross screwdriver to remove the screws at the bottom of the air duct



4. Grasp the refrigerating air duct and pull it out, and remove the refrigerating air duct assembly



5. Unplug the wire harness connection terminal



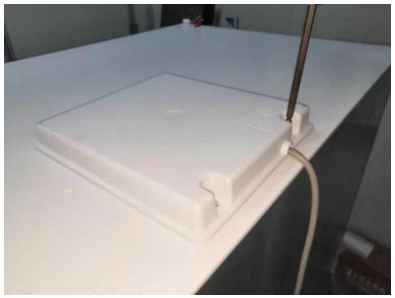
6. Complete the disassembly of the refrigerating air duct

Disassembly Guide

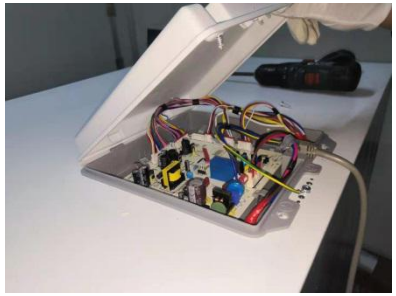
Disassembly of the main control board



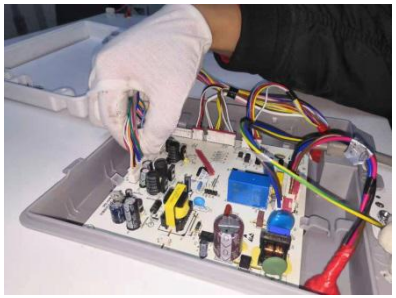
1. Appearance of the main control board cover



2. Use a cross screwdriver to unscrew the screws on the main control board cover



3. Lift and remove the main control board cover



4. Unplug all the wire harness terminals connected to the main control board



5. Take out the main control board



6. Complete the disassembly of the main control board

Disassembly Guide

Disassembly of the inverter



1. Appearance of the inverter



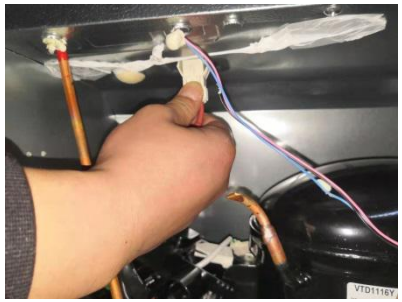
2. Use a cross screwdriver to unscrew the screws on the side cover of the inverter and remove the cover



3. Use a cross screwdriver to unscrew the screws at the bottom of the inverter



4. Unplug the wire harness terminal connecting the inverter and the compressor



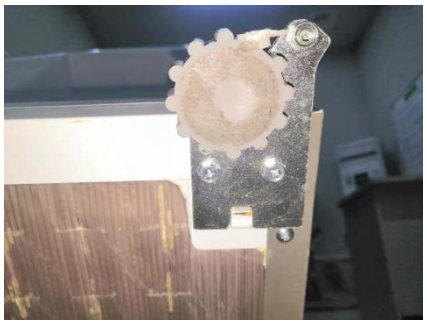
5. Unplug the wire harness terminal connecting the inverter to the top of the compressor compartment



6. Complete the disassembly of the inverter

Disassembly Guide

Disassembly of the bottom adjusting foot



1. Appearance of bottom adjusting foot



2. Use an 8mm sleeve to loosen the two bolts of the lower hinge



3. Remove the bolts with a cross screwdriver



4. Use a cross screwdriver to remove the other bolt



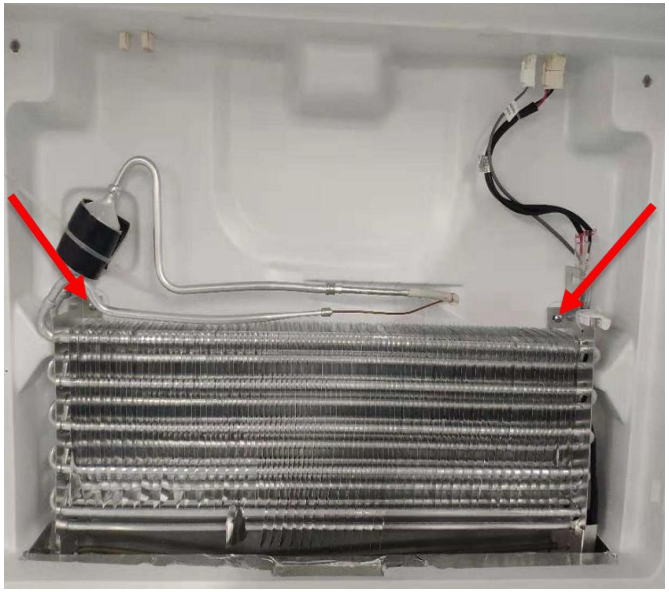
5. Remove the bottom adjusting foot by hand



6. Complete the disassembly of the bottom adjusting foot

Disassembly Guide

Disassembly of the fin evaporator

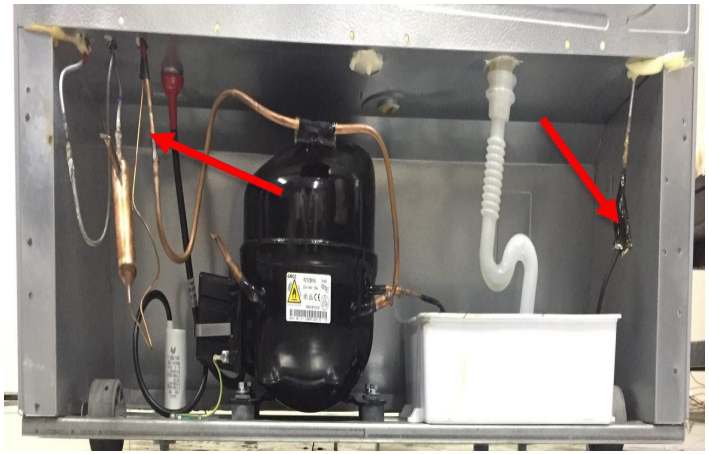


Step I: Use a screwdriver to remove the fixing screws of evaporator;



Step II: Use pincer pliers to cut off the evaporator tube and remove the evaporator;

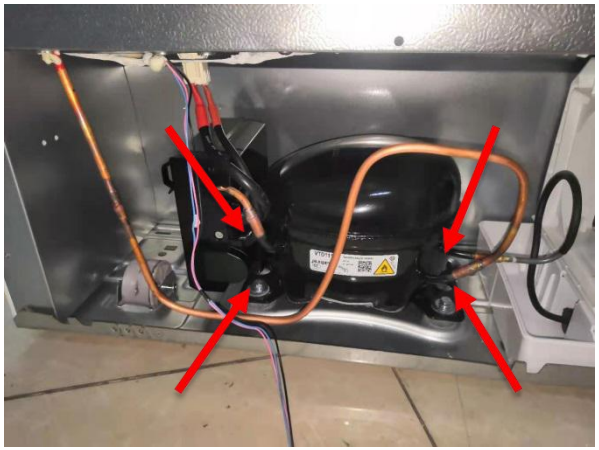
Disassembly Guide



Step I: Use pincer pliers to cut off all the high and low pressure pipelines of the compressor chamber;



Step II: Use an 8mm sleeve and a Phillips screwdriver to loosen four fixing screws on the bottom of the compressor, and then remove the compressor floor;



Step III: Use an 8mm sleeve and a Phillips screwdriver to remove fixing screws on the bottom of the compressor, and finally remove the compressor;