

CHAPTER 5. DISASSEMBLING PROCEDURE

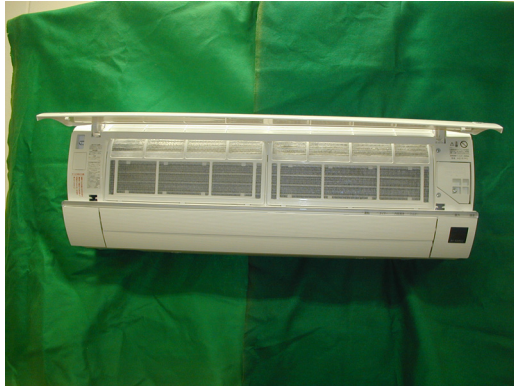
Be sure to disconnect the power cord from the AC power outlet before starting the disassembly procedure. When reassembling the unit after repairing, be sure to install screws to their original positions.

The screws used are not the same in specifications such as corrosion-resistant treatment, tip shape and length.

After the air conditioner is repaired or parts are replaced, measure insulation resistance of the equipment using an insulation resistance meter. If the measured resistance is lower than 1 MΩ, inspect parts and repair or replace defective parts.

[1] DISASSEMBLY OF INDOOR UNIT

1) Open the Open panel.



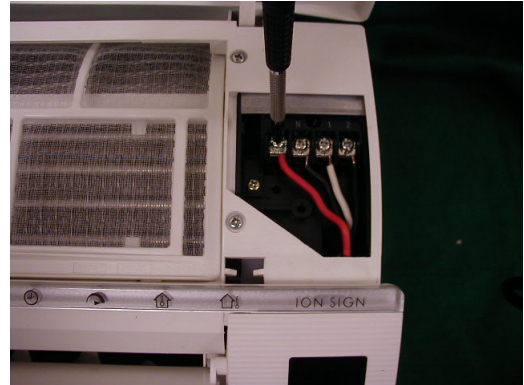
2) Remove the cord clamp fixing screw(1).



3) Remove the cord clamp.



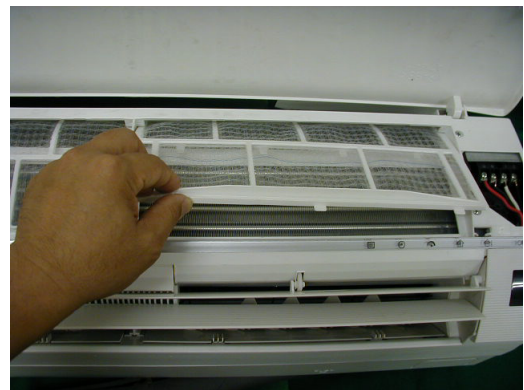
4) Remove the unit-to-unit wiring from the terminal board(4).



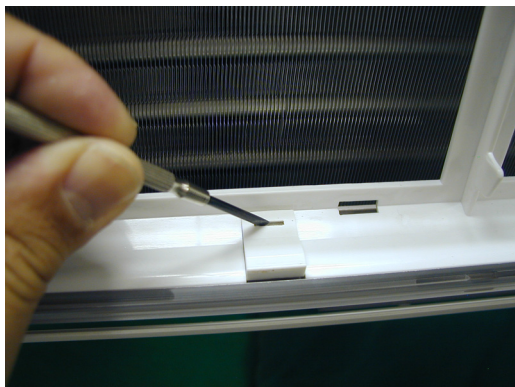
5) Pushing the 2 hooks, disconnect the louver base(2).



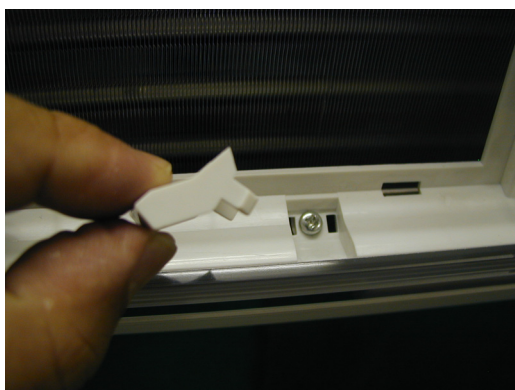
6) Remove 2 air filters.



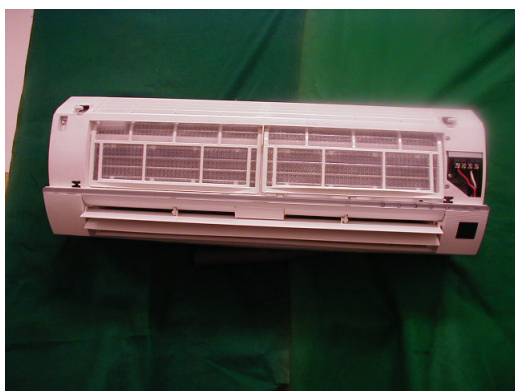
7) Remove the Screw cover (use the (-)driver).



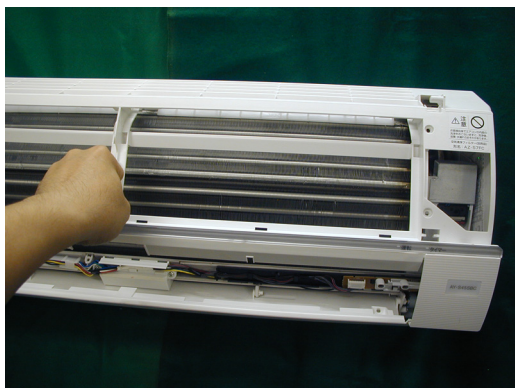
8) Remove the cover.



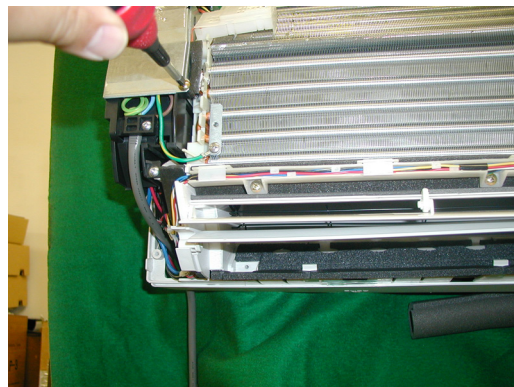
9) Remove 5 screws fixing the front panel.



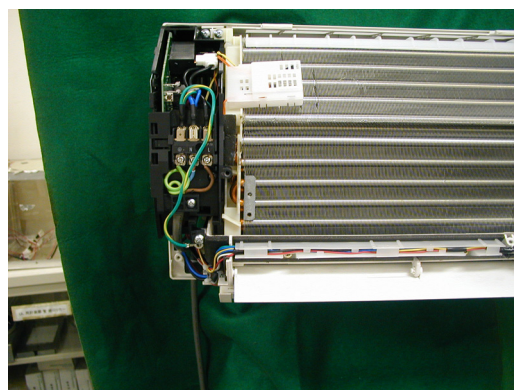
10) Pull the front panel up.



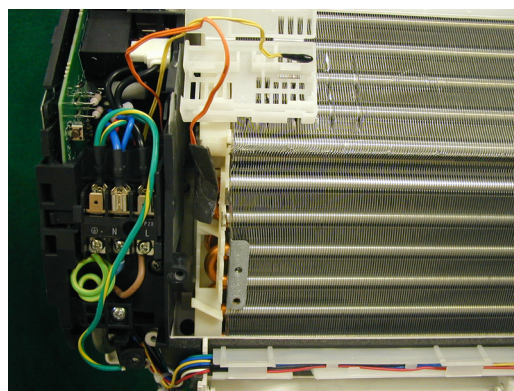
11) Remove a screw fixing the control box cover, and remove it.



12) Remove the 2 screws fixing the control box.

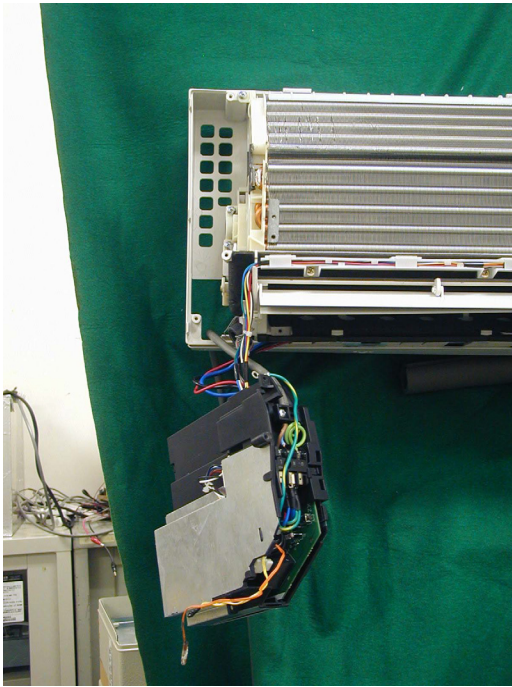


13) Disconnect the thermistor.

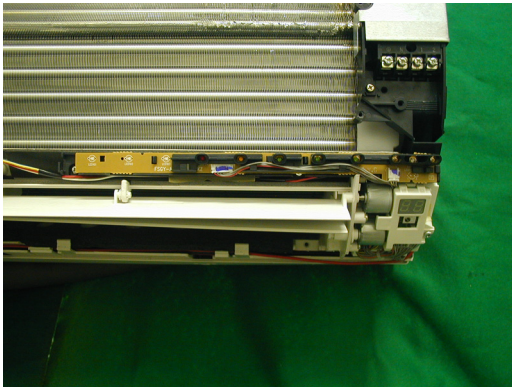


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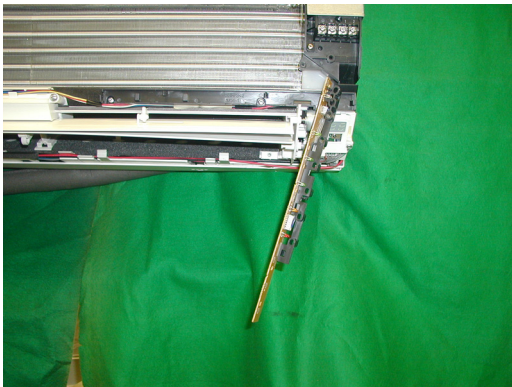
14) Remove the control box.



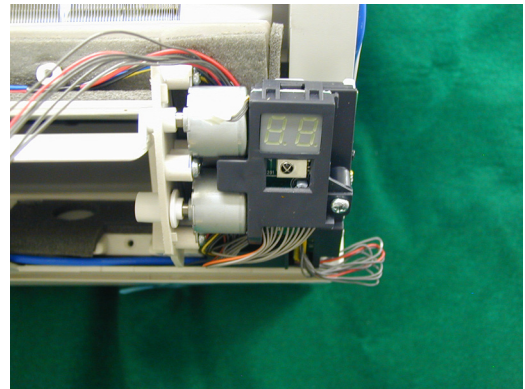
15) Remove the LED guide.



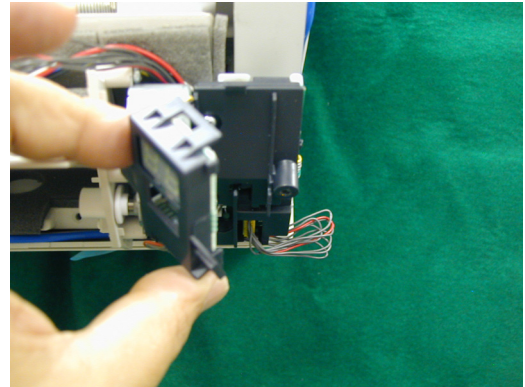
16) Pushing the 2 hooks of the holder, remove the display board.



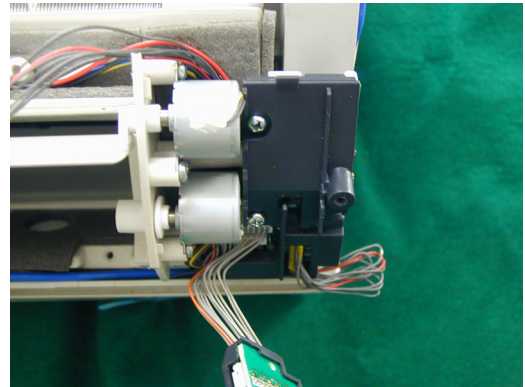
17) Remove a screw fixing the display guide.



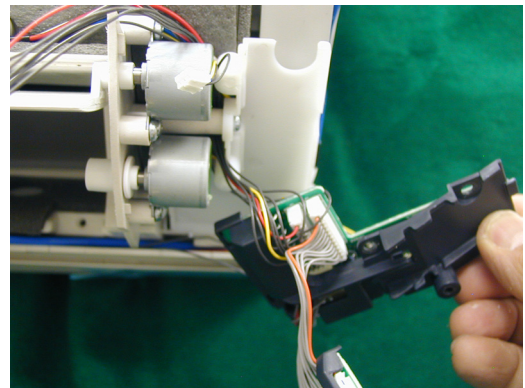
18) Remove the display guide.



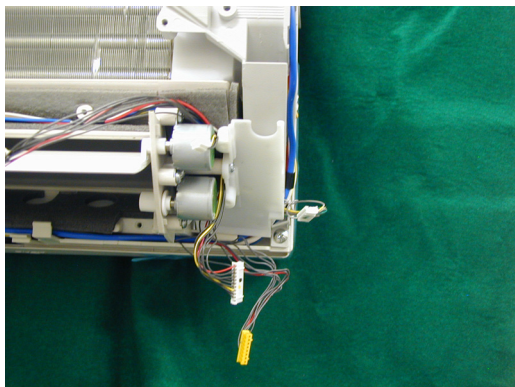
19) Remove the 2 screws fixing the display guide.



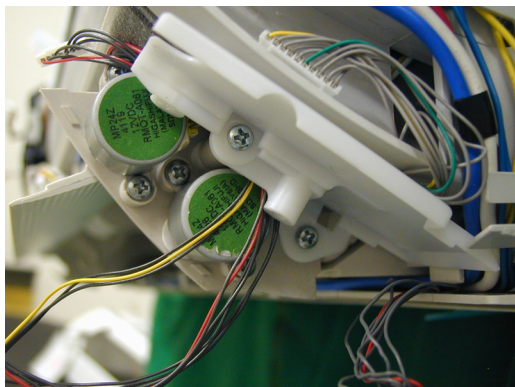
20) Disconnect the connector of Display board.



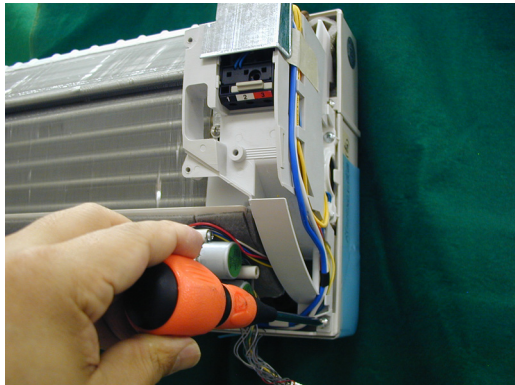
21) Disconnect the connector of Display board.



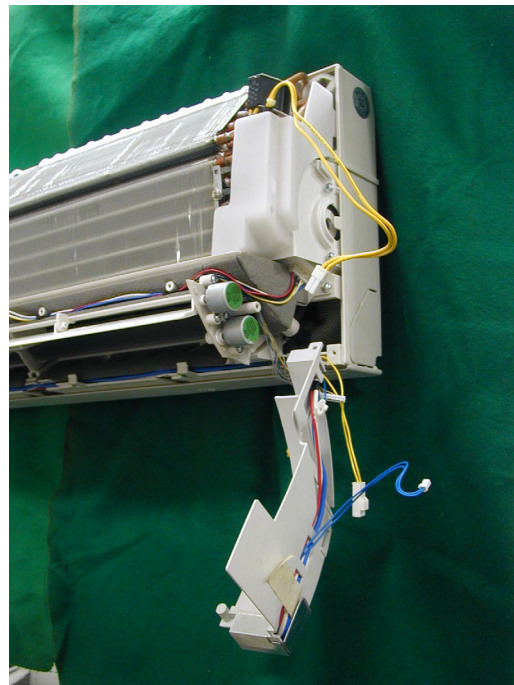
22) Remove the 2 screws fixing the display base.



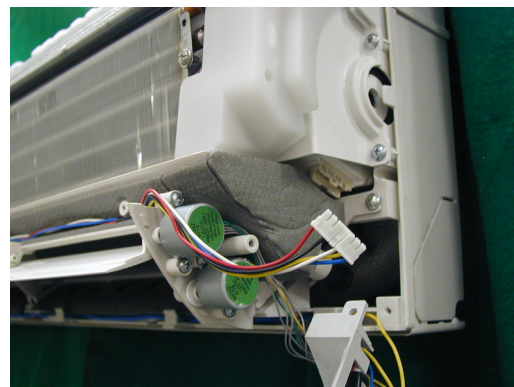
23) Remove a screw fixing the holder.



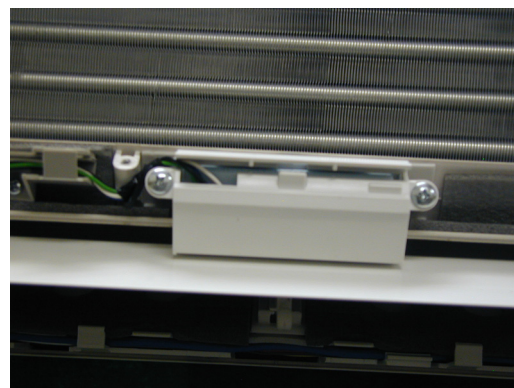
24) Remove the holder.



25) Remove a screw fixing the drain pan ass'y and disconnect the motor connector.

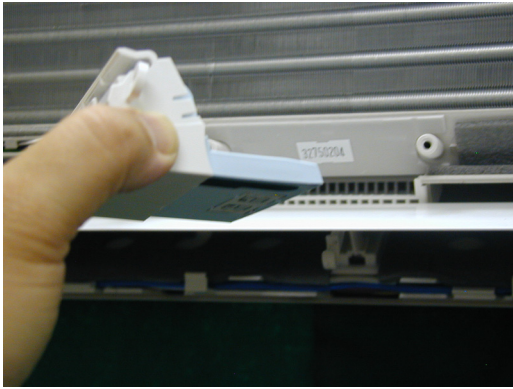


26) Remove 2 screws fixing the holder.

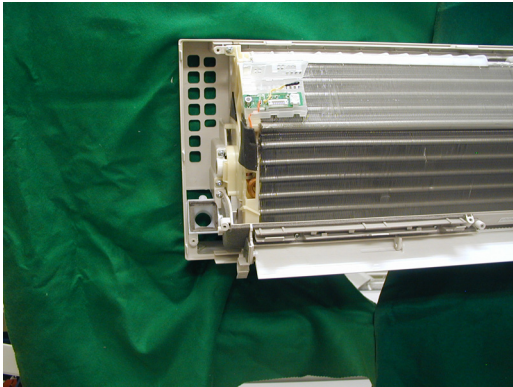


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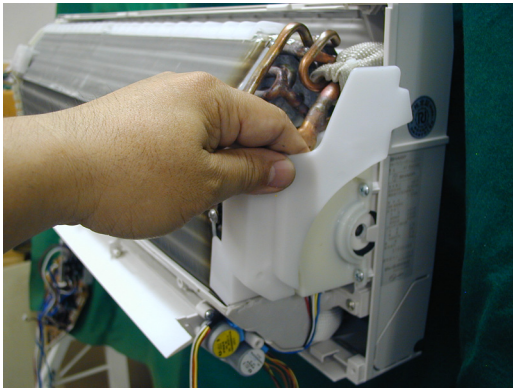
27)Remove the 2 screws fixing the PC cover.



28)Remove the screw fixing the drain pan ass'y and evaporator.



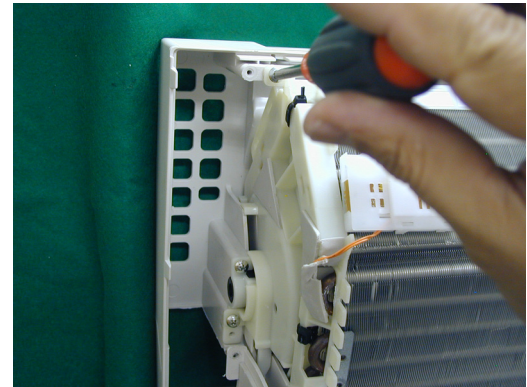
29)Remove the drain guide.



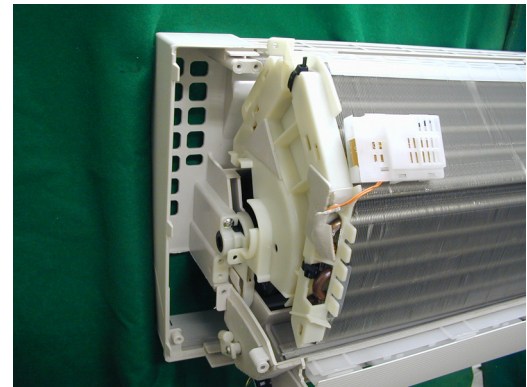
30)Remove the screw fixing the evaporator.



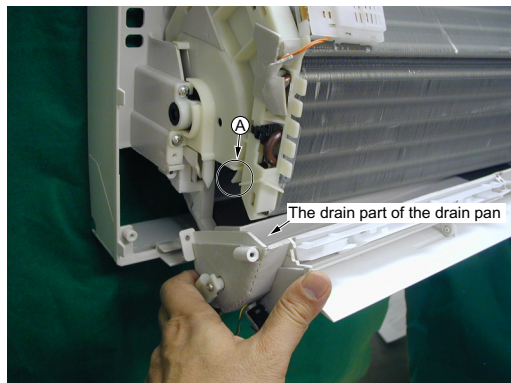
31)Remove the screw fixing the evaporator.



32)Pull the evaporator up.

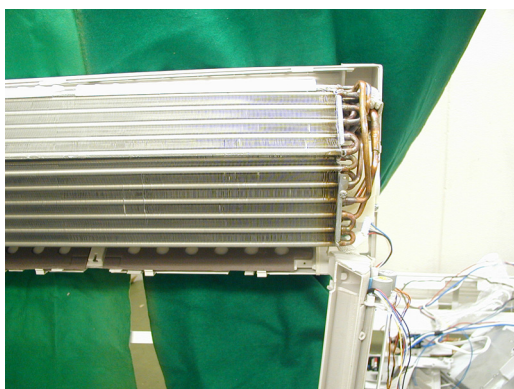


33)Remove the drain pan.

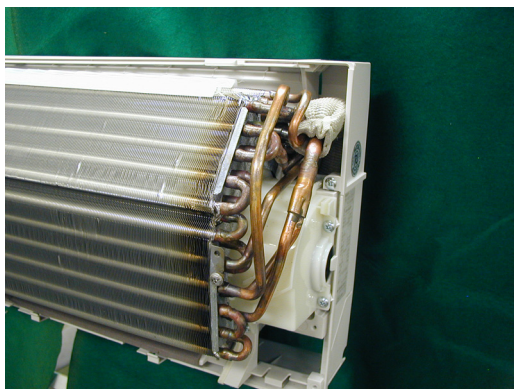


Attention: In case of assembly.
Part A is inserted into the drain part of the drain pan.

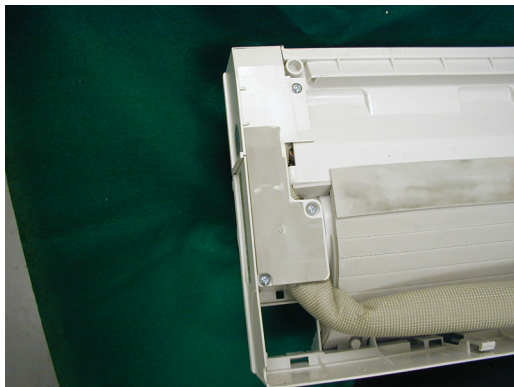
34)Remove the drain pan.



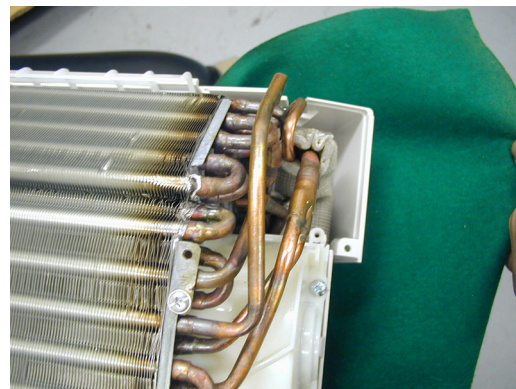
35)Remove a screw (Front side).



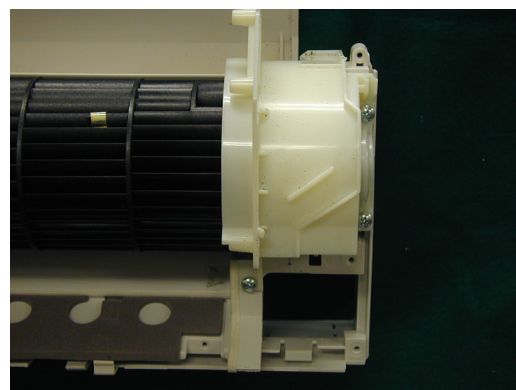
36)Remove the 3 screws (rear side).



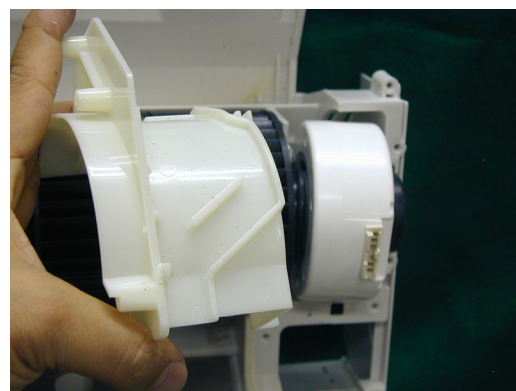
37)Remove the cover.



38)Remove the 3 screws fixing the motor cover.

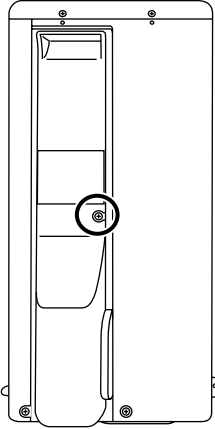


39)Remove the motor cover.

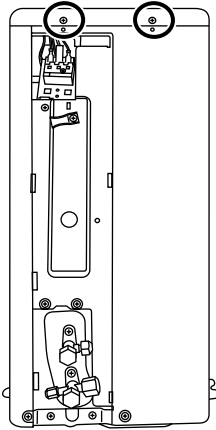


[2] DISASSEMBLY OF OUTDOOR UNIT

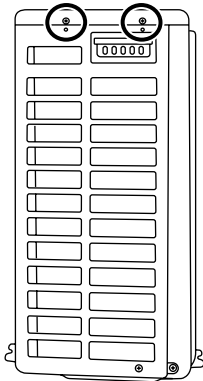
1) The fixed screw of control box cover is removed and control box cover is removed.



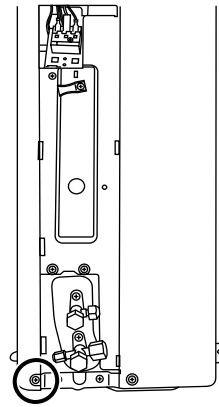
2) The 2 screws on the right-hand side of top plate ass'y is removed.



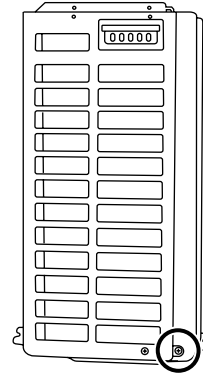
3) The 2 screws on the left-hand side of top plate ass'y is removed.



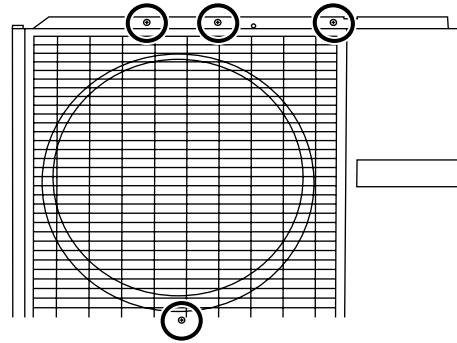
4) The screw on the right-hand side of front panel is removed



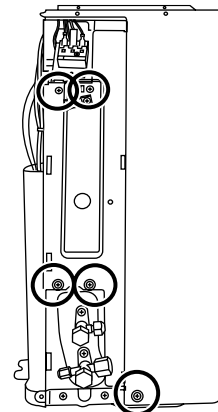
5) The screw on the right-hand side of front panel is removed



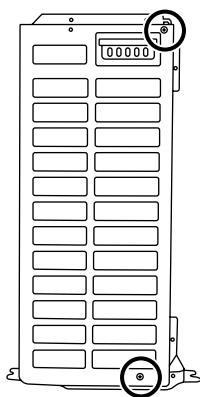
6) The 4 screws of the front of a front panel is removed.



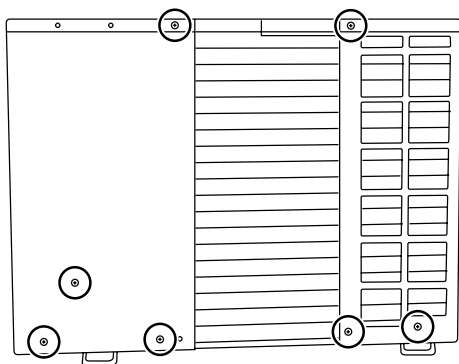
7) The 5 screws on the right-hand side of side cover R is removed.



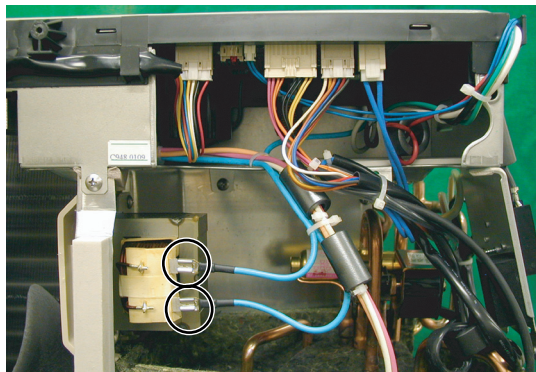
8) The 2 screws on the right-hand side of side cover L is removed.



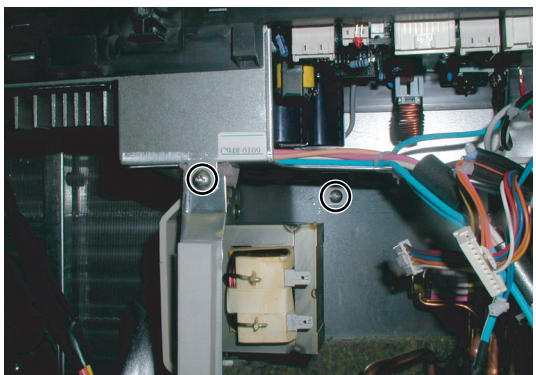
9) The 7 screws of the side cover L and side cover R back is removed.



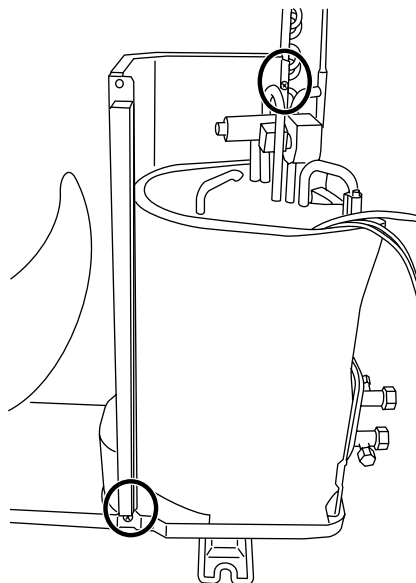
10)The connectors in the control box BOX and reactor is removed.



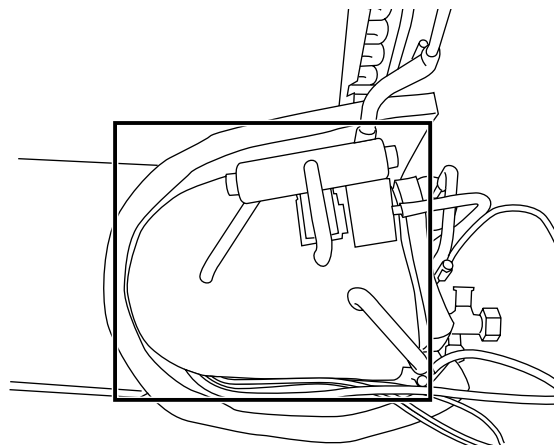
11)A control box BOX fixed 2 screws is removed.



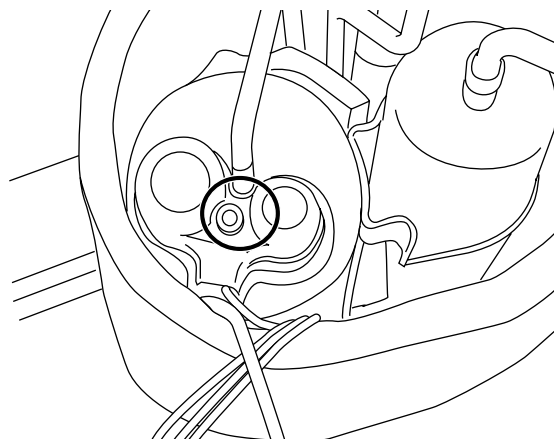
12)A bulkhead plate fixed 2 screws is removed.



13)The comp cover top is removed.

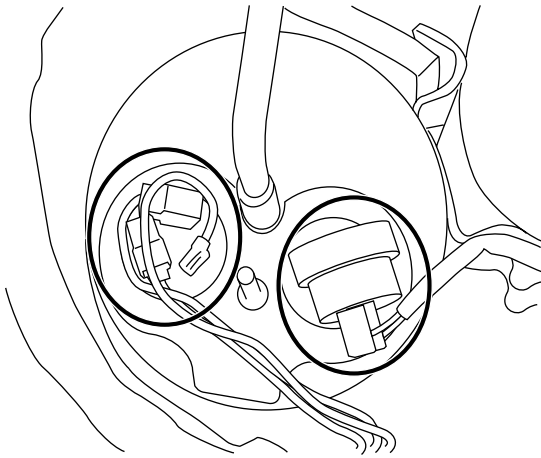


14)A nut is removed and a terminal cover is removed.

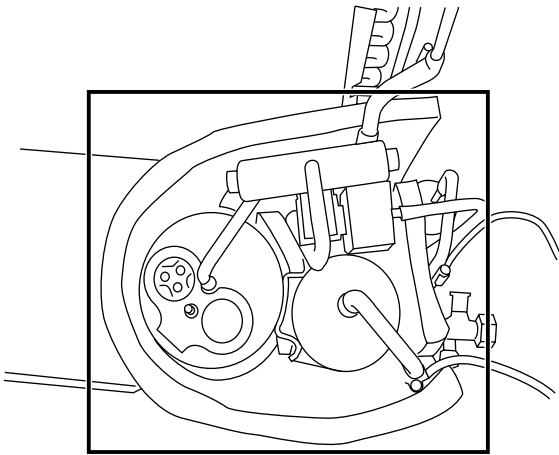


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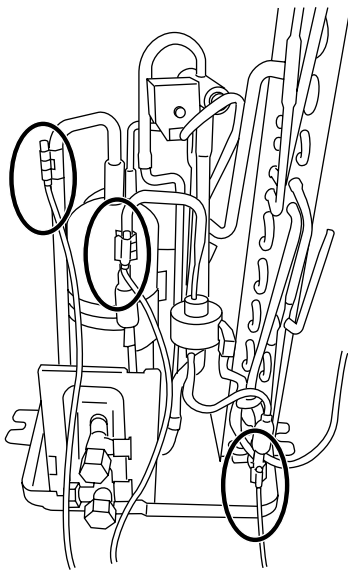
15) A lead wire, a thermistor, and a cover gasket are removed.



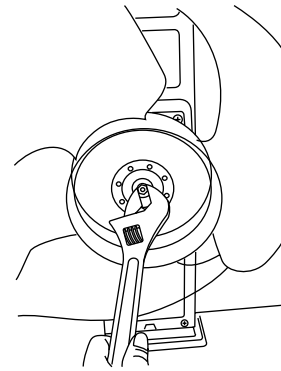
16) A comp cover is removed.



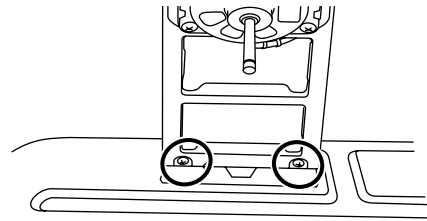
17) A thermistor is removed. (1 place)



18) An outdoor fan is removed.

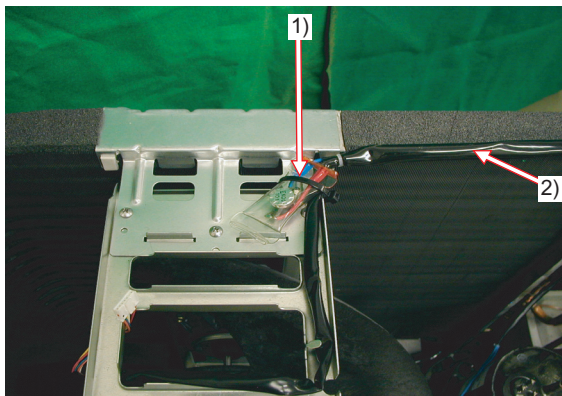


19) The fixed 2 screws of a motor angle is removed.

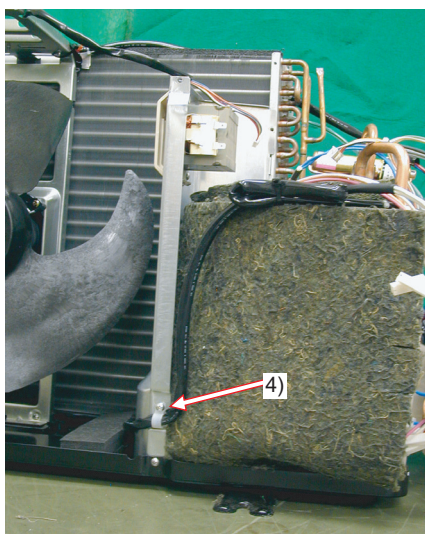


– Disassembly of Heater(CHET-A025JBKZ) Unit

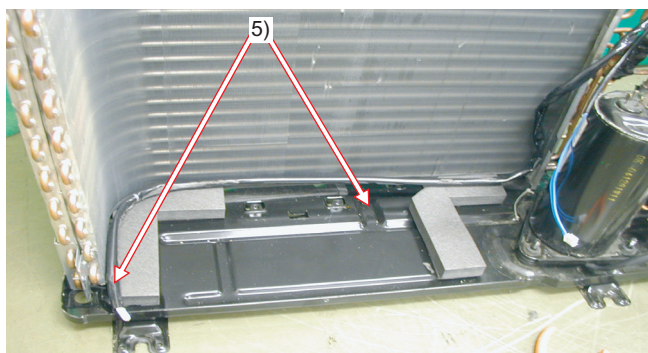
- 1) Cut the band fixing the bi-metal thermostat.
- 2) Powercord for bi-metal thermostat.



- 3) Cut the band which holds together the thermistor cords and power cord for bi-metal thermostat.
- 4) Remove screw NK-8K



- 5) Pull out the heater wire from beneath the heat exchanger



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