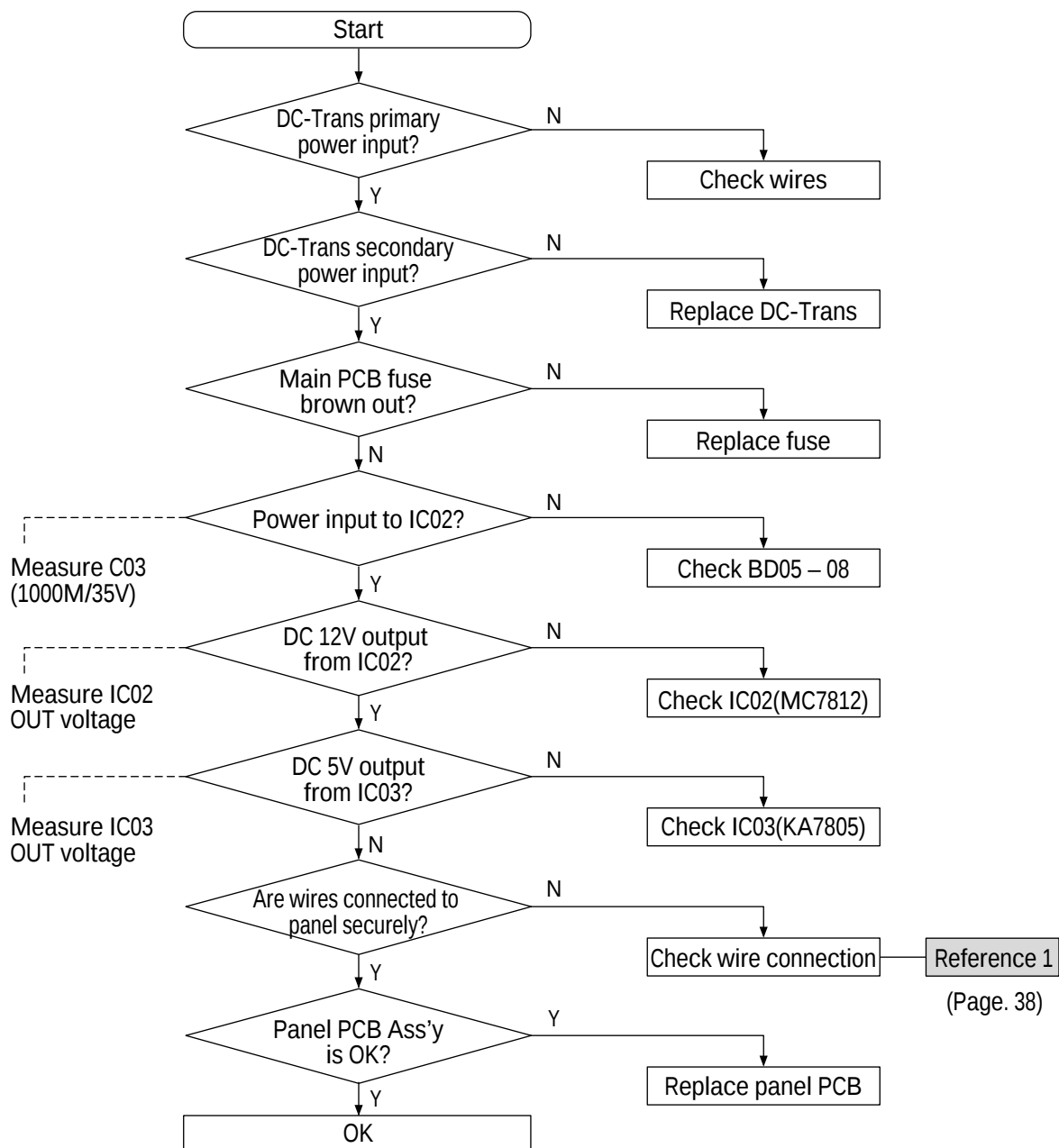


7. Troubleshooting

Precautions

1. Is the power cord well connected to wall outlet?
2. Refer to the reference

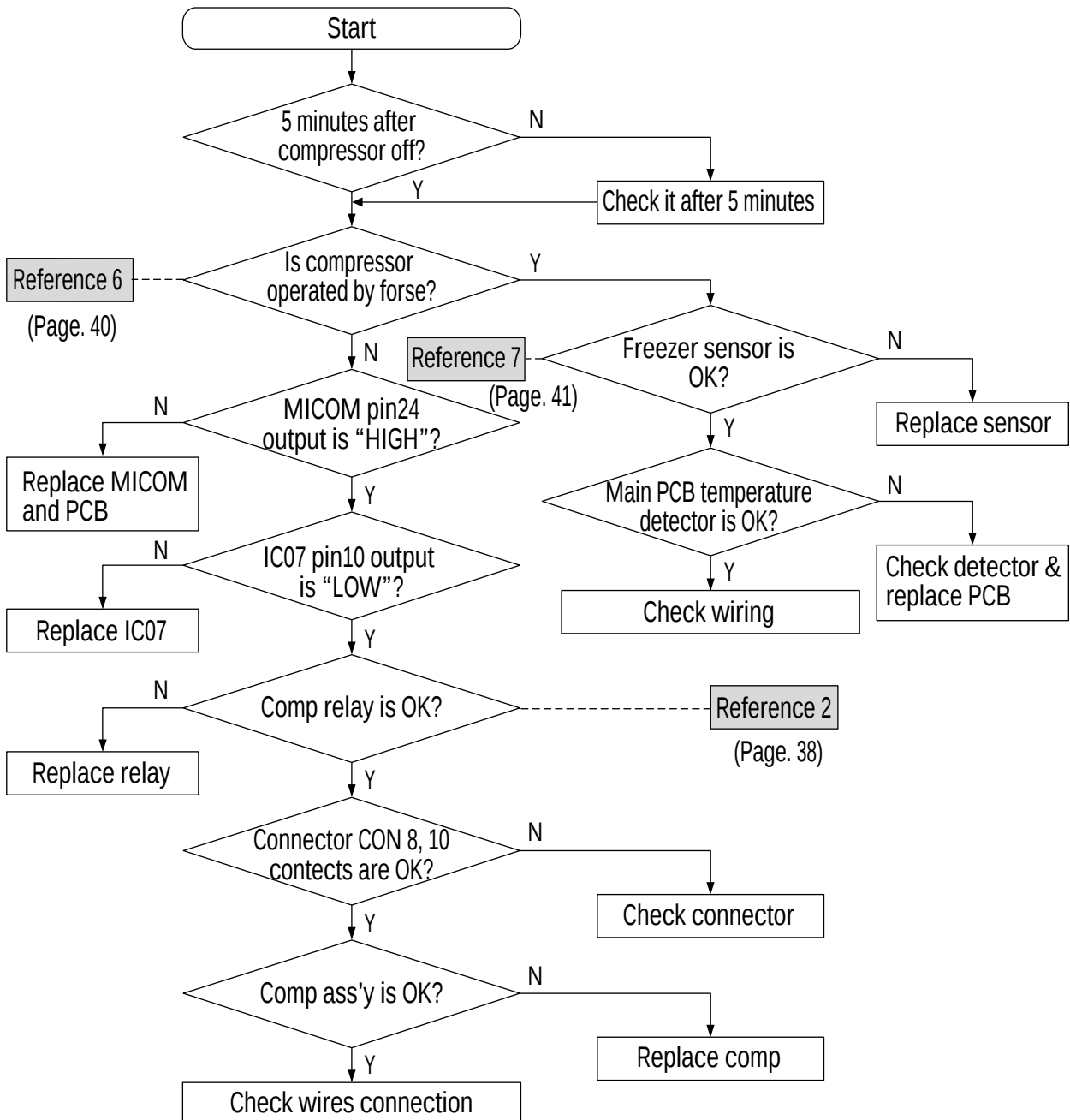
1) No power



2) Compressor does not run

Precautions

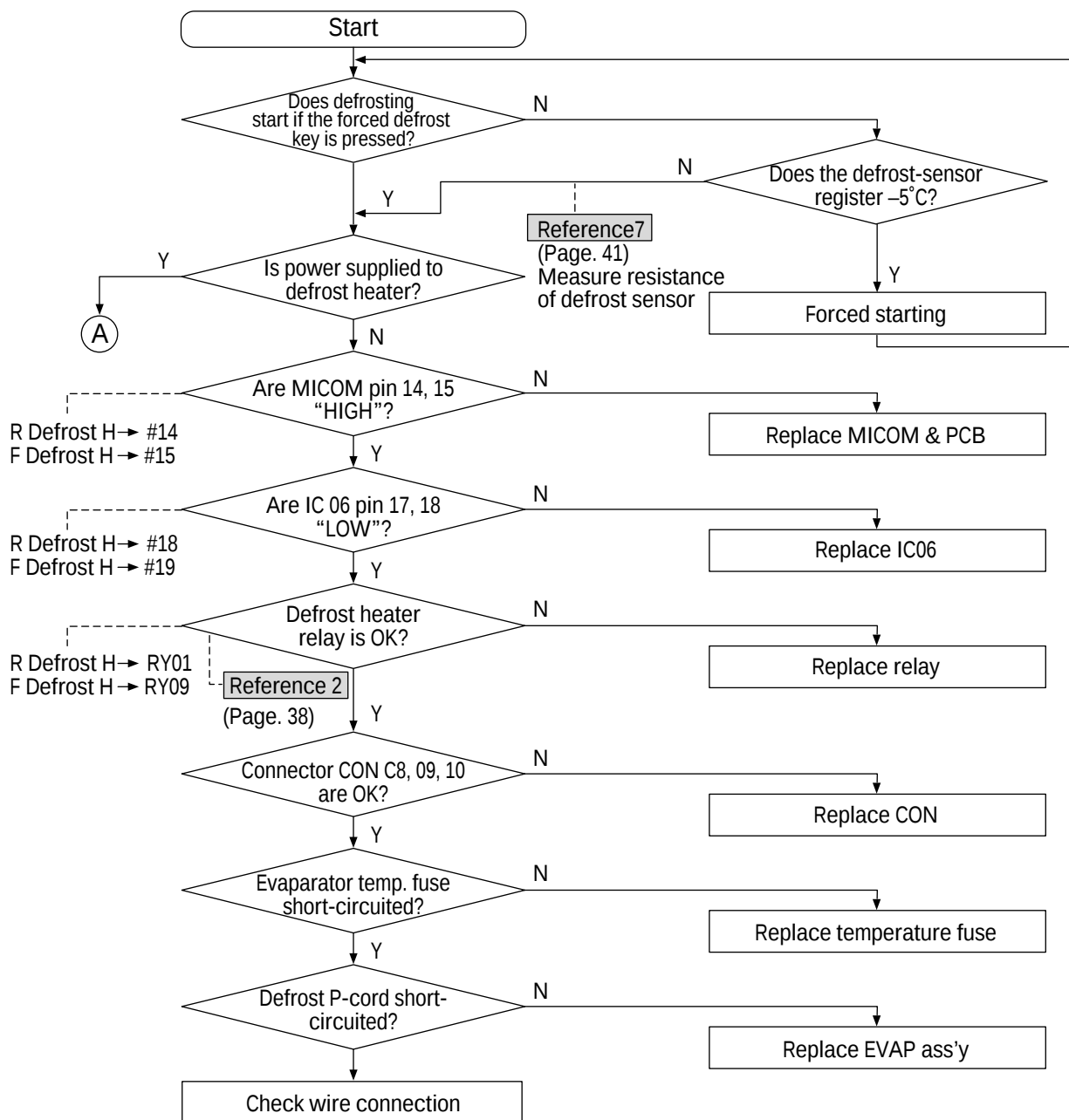
1. Compressor does not operate in 5 minutes after power ON and compressor OFF.
2. Compressor does not run during defrosting.
3. Compressor does not run because low temperature is detected if freezer sensor is not connected.

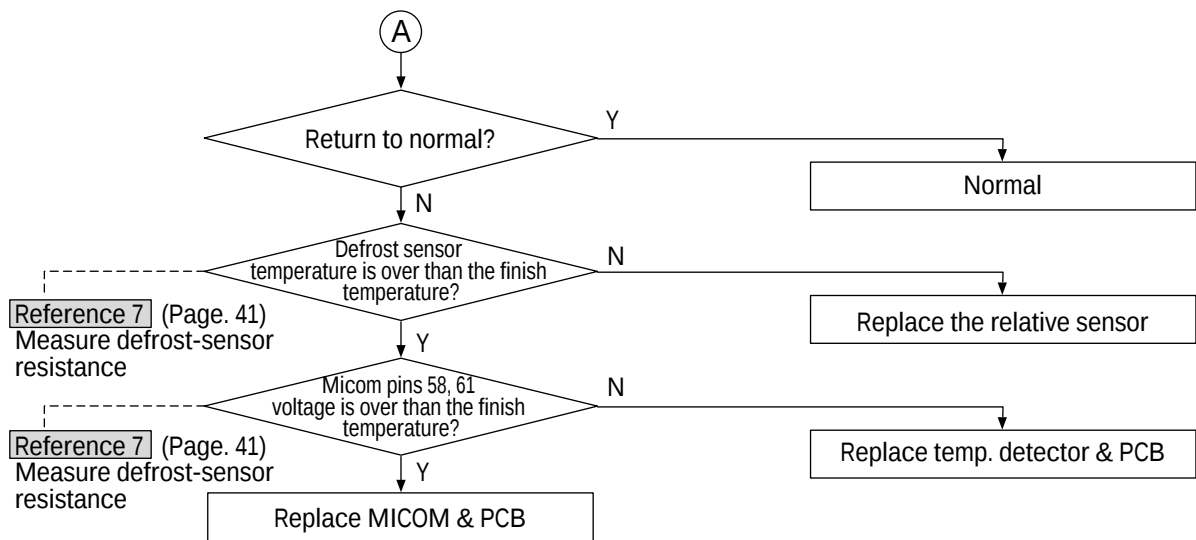


3) No defrosting

Precautions

1. Even though both F·R-defrost sensors short-circuit, normal operation continues without defrosting.(Refer to self-diagnosis function)
2. Even though the temperature fuse is off, there is no heating but defrosting natural temperature increase comp off-time takes longer.
3. Even though both F·R-defrost sensor are open, heating does not end and comp-off maintains with temperature fuse short-circuited.(Refer to self-diagnosis function)

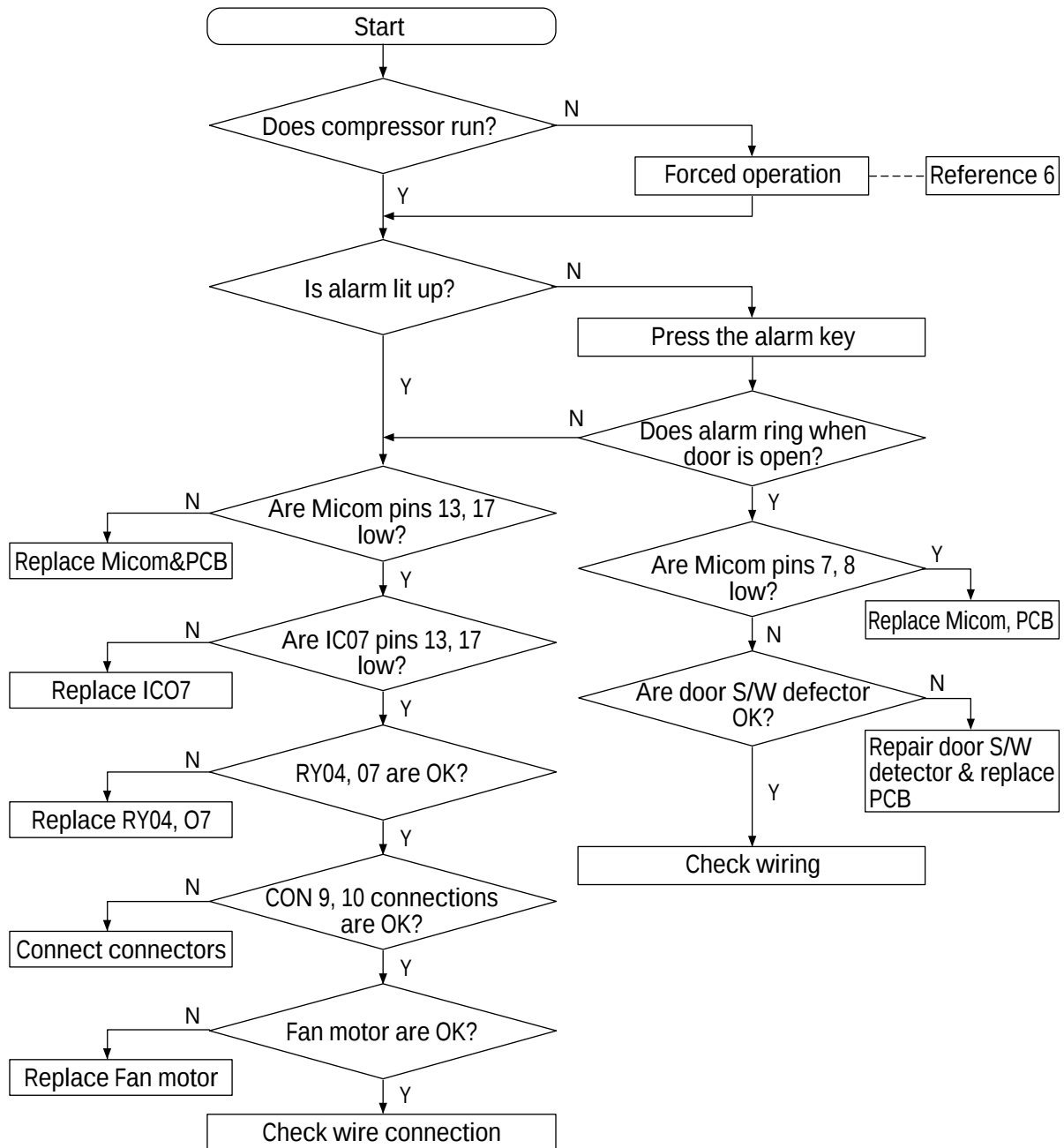




5) Fan-motor does not run

Precautions

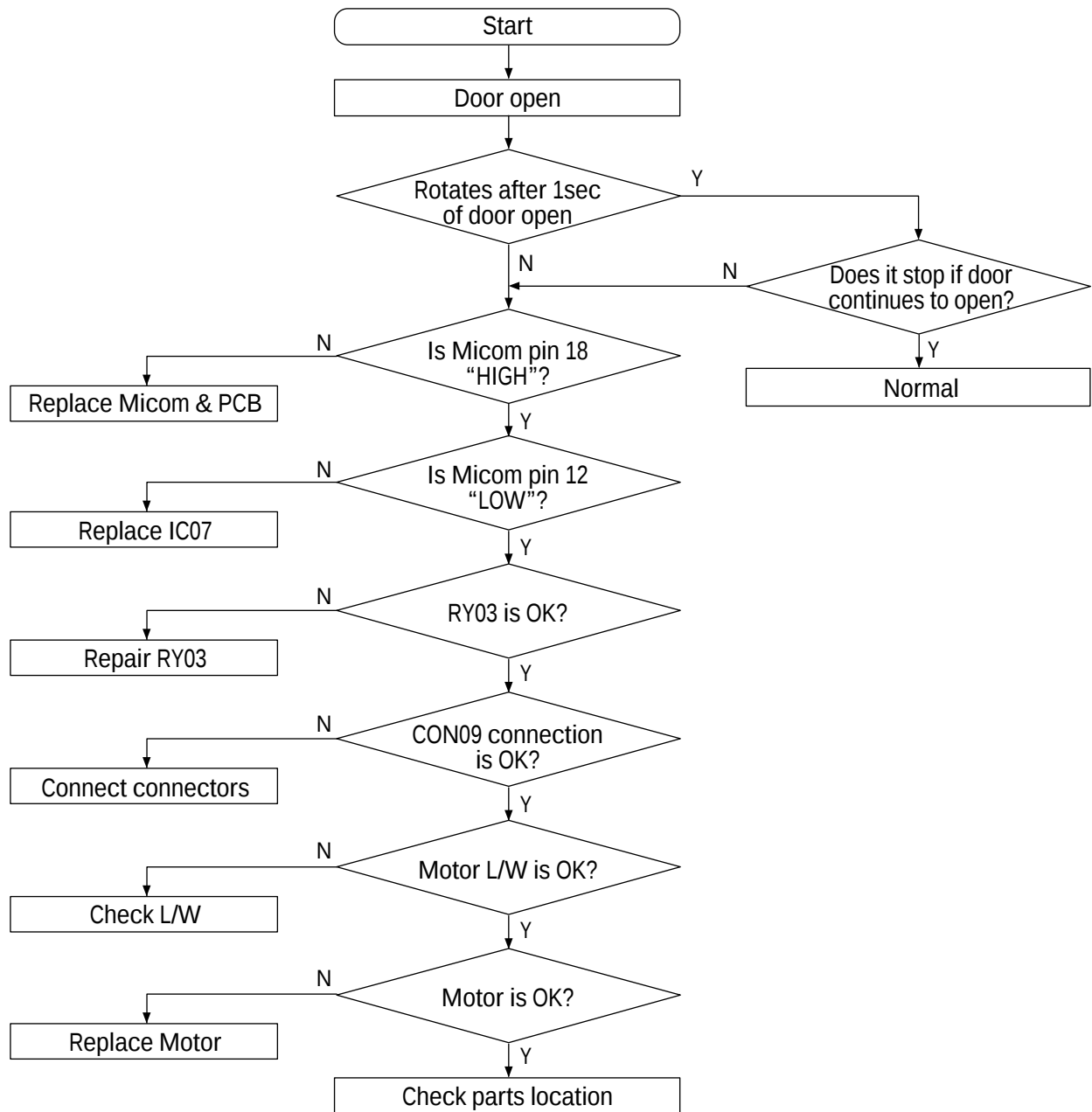
1. Compressor operates but fan does not run(F·R doors open)
2. Check door close



5) Fan motor in the refrigeration room does not work

Precautions

1. Fan-motor operates with 2 modes.(Static or Rotation)
2. Fan-motor rotates for 30 seconds after one second of door open.



6) Lamp Inspection

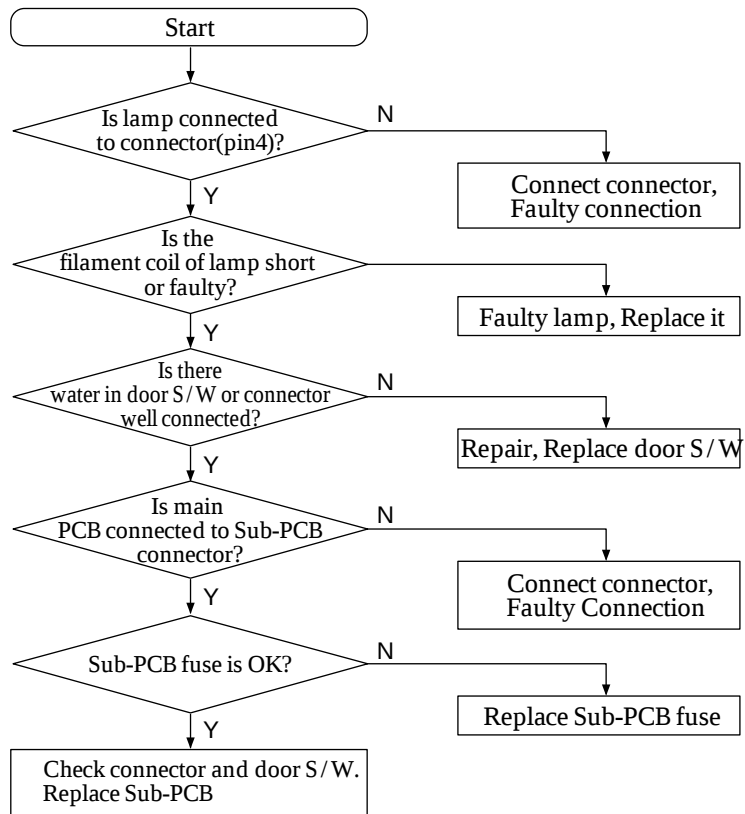
Note

1. When replacing Sub-PCB, power should be turned off, because Sub-PCB receives AC POWER INPUT and converts that to 1.5 X AC POWER INPUT.
2. It is impossible to check lamp with normal voltage tester, because lamp voltage is high.

References

1. If new lamp does not turn on, that's because the protector is activated to prevent peak voltage when lamp is replaced.
After replacing lamp, wait for 30 seconds after closing the door of refrigerator.
2. Lamp turns off automatically if the door of refrigerator is open for 10sec
If door is closed and opened by the door S/W, lamp turns on again.
If that carries out over twice, protector is activated and lamp maintains off.
3. If there is water in door S/W, lamp close not turn or off because Micom can not receive door open/close signal. Door S/W should be checked.
4. The connection between Main-PCB and Sub-PCB, Sub-PCB output and cabinet L/W, cabinet L/W and lamp are done by connector. If there is table with lamp check connector and lamp.
5. Freezer lamp is controlled by main PCB.

① Lamp in the refrigeration room does not light up



② Lamp in the freezer does not light up

