[Faulty model]: iPad Air

[Fault phenomenon]: no charging

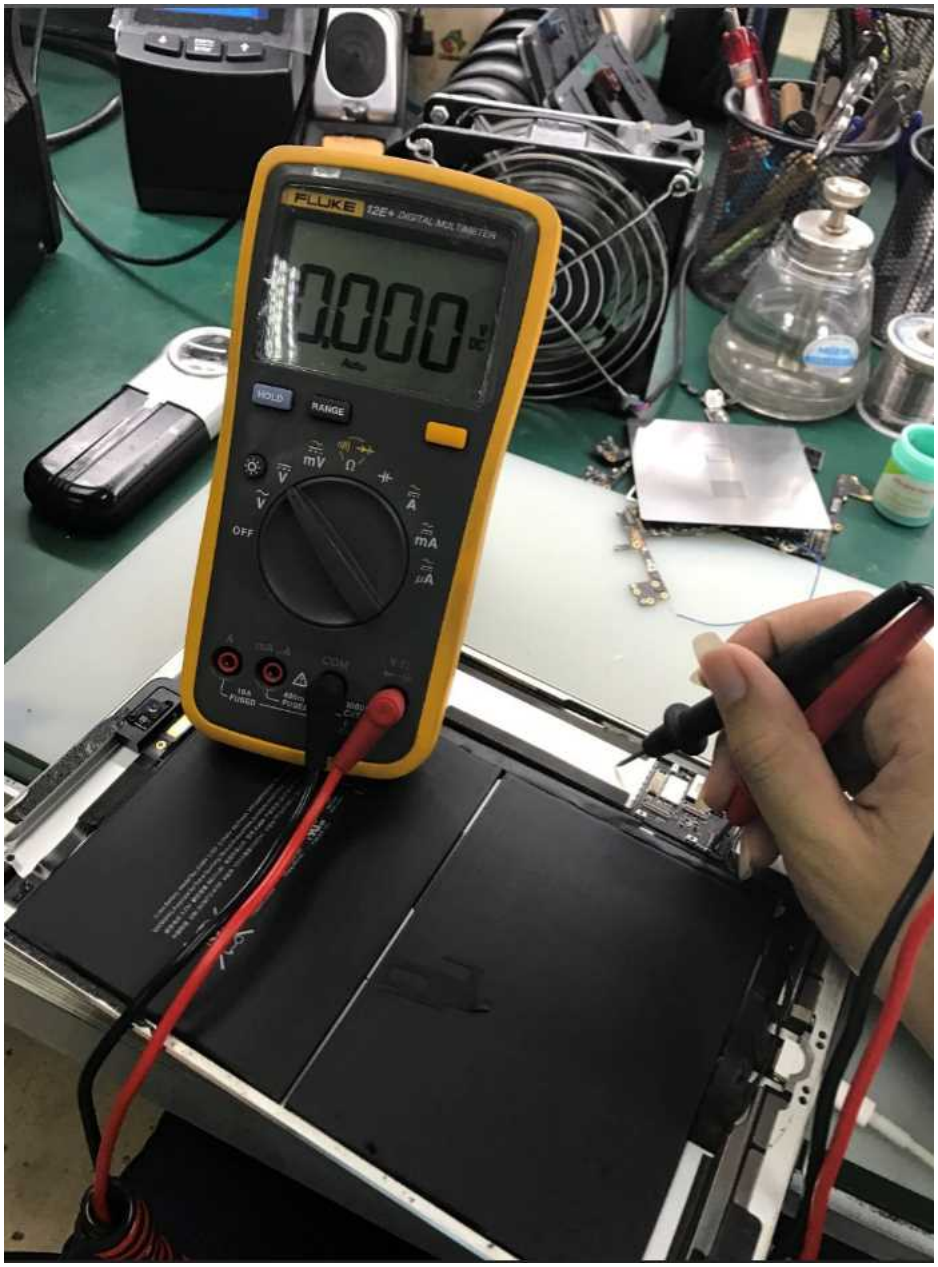
The customer described that the charger did not respond after the machine was used.

[Fault Analysis]:

The machine can be used at boot. After the power is used, the charger does not respond, so the fault should be in the charging line.

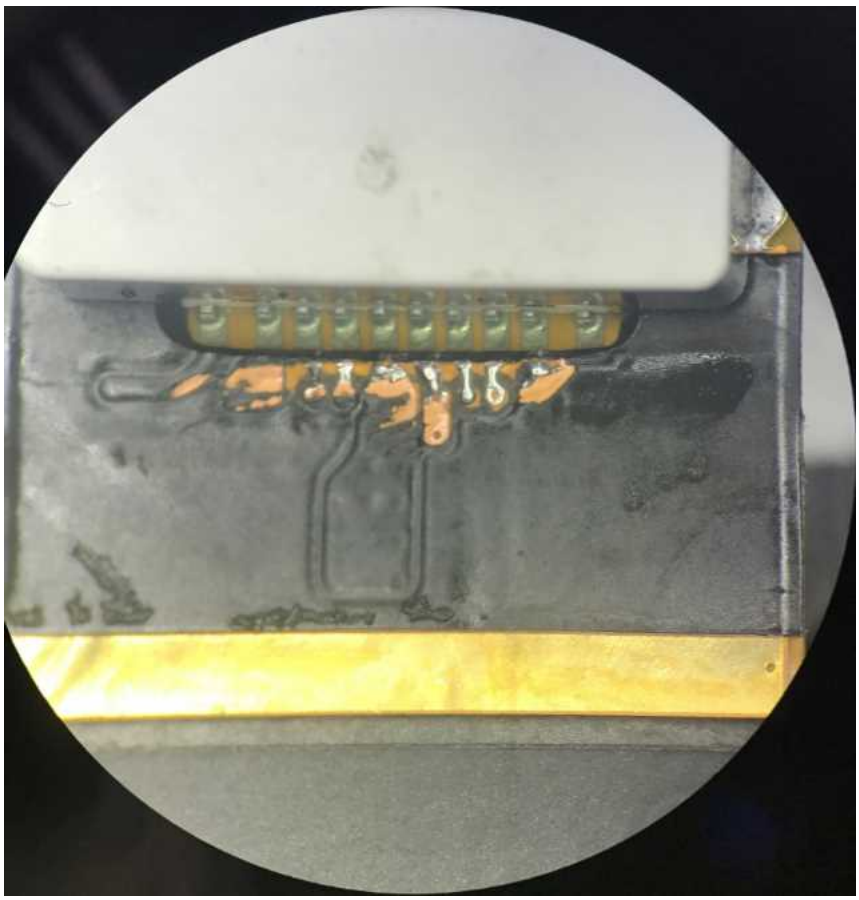
[Maintenance process]:

Disassemble the tablet, plug in the charger, and measure whether there is a charging voltage of 5v on the motherboard.The measurement found no voltage on the motherboard.

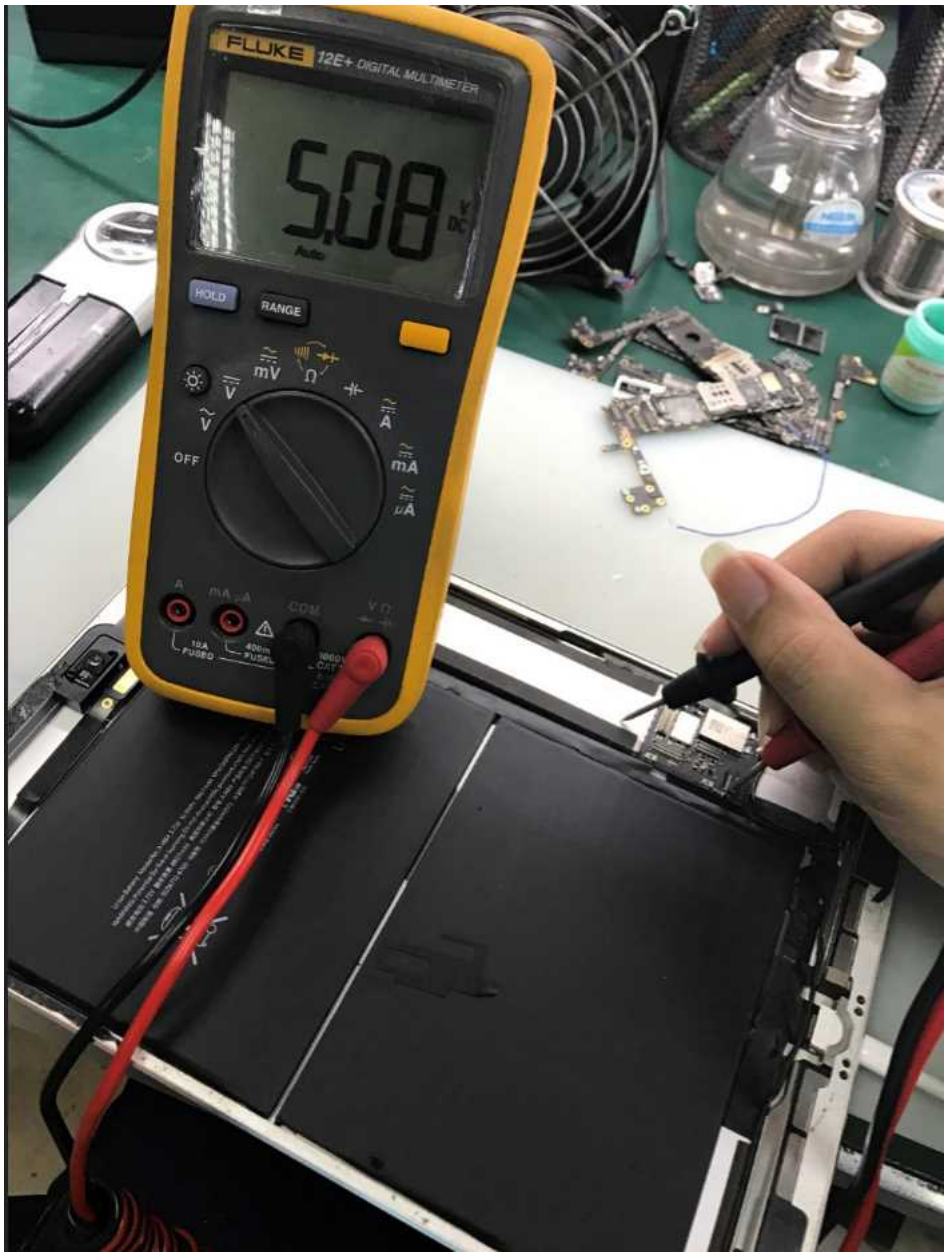


Actually, there is no voltage coming up. It seems that there is a problem with the charging connector and it is broken.

Observed under the microscope, it was found that there was a crack in the charging connector interface line. No wonder that no voltage came to the main board, and the cracked area was scraped open and repaired.

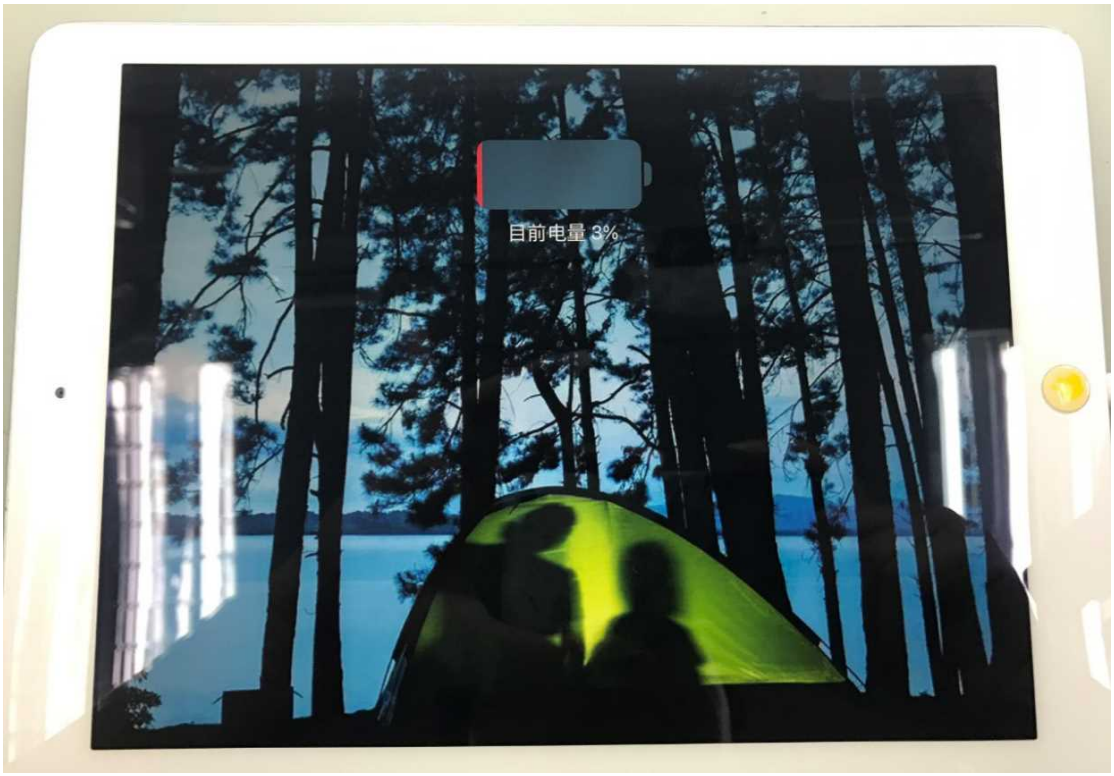


Plug in the charging cable and measure the charging voltage of the motherboard to return to normal.



[Maintenance results]:

Installation test, the charging is back to normal, and the repair is over.This fault is caused by the charging connector splitting and disconnecting the charger.


目前电量 3%