How to judge whether it is the controller hall fault or the motor hall fault?
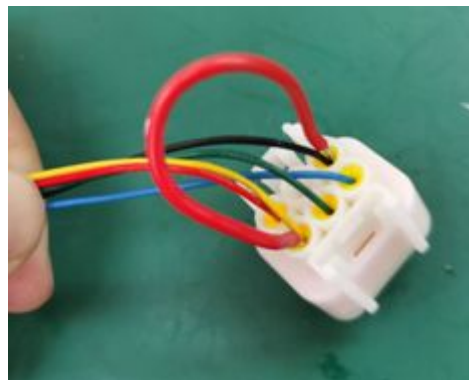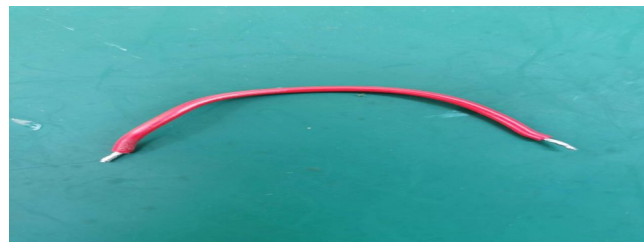
When the fault indicator light of controller flashes 13 times, it reports a "hall fault" error. To judge whether the motor hall is broken or the controller, you could use the following ways:

1- Power off the controller, disconnect the plugs of the controller and the motor hall.

2- Find a tweezers or a wire, connect one end of the wire to the negative pole(black wire) of the controller hall connector, and the other end to the yellow one.

or

3- Power on the controller, if the indicator light no longer flashes 13 times at this time (no flashing or the flashing times is not 13 times), it means the controller is no problem, there is something wrong with the motor.

If the indicator light flashes 13 times, it means the controller is broken, contact our manufacturer for maintenance.