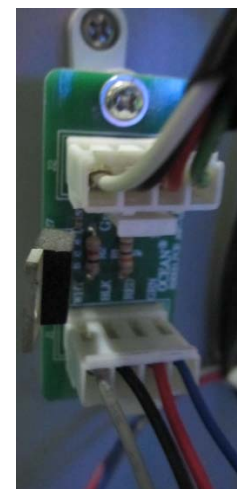
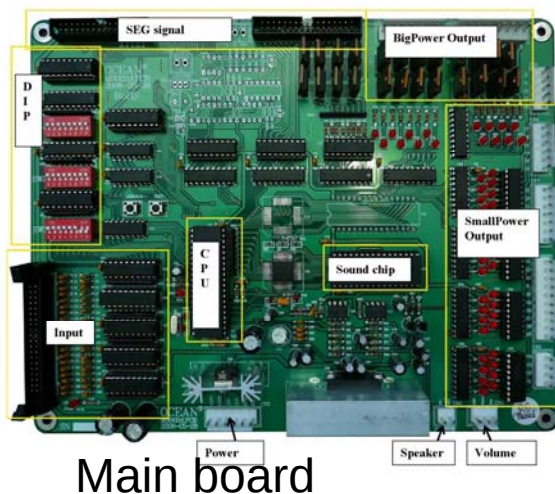


## How to check the ticket dispenser

If there any problem on the tickets payout, Please check following hardware to see what is the causation, the power and singal are come out from to Main board  
→TCH-TKQ adapter board→ Ticket driver board→Ticket Dispenser.



Ticket  
Dispenser



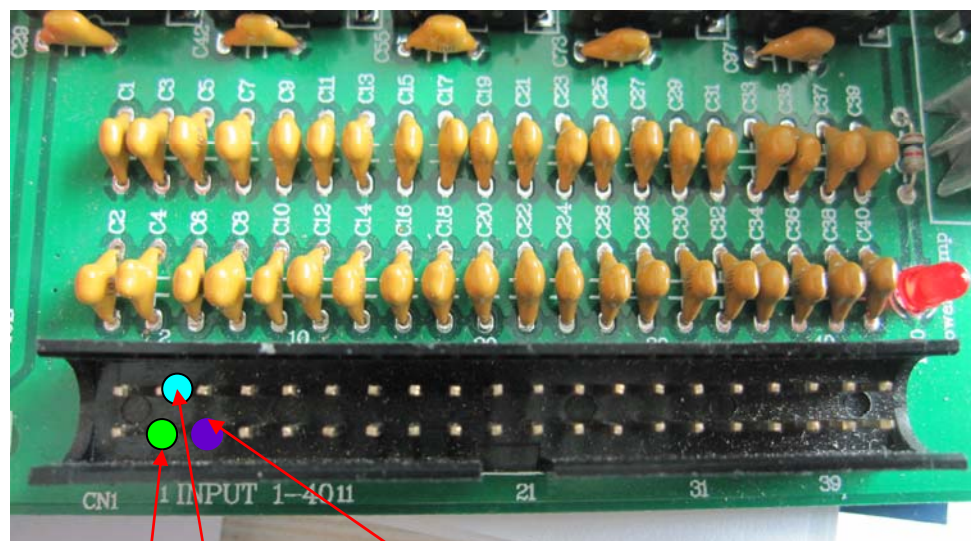
## How to check the ticket dispenser

Input on the Main board

Input 3: Ticket Reset

Input 4: Ticket Sign

Input 5: Ticket Sign



Input3    Input4    Input5



Yellow,Blue,Gray

## How to check the ticket dispenser

Output on the Main board

OUT 35 :Ticket Driver

OUT 36 :Ticket Driver

OUT 35 :Ticket Driver

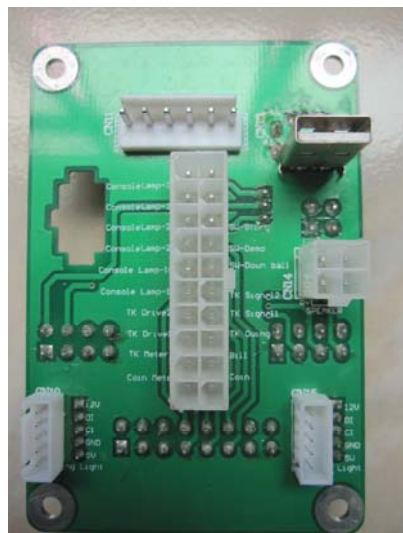
OUT 36 :Ticket Driver



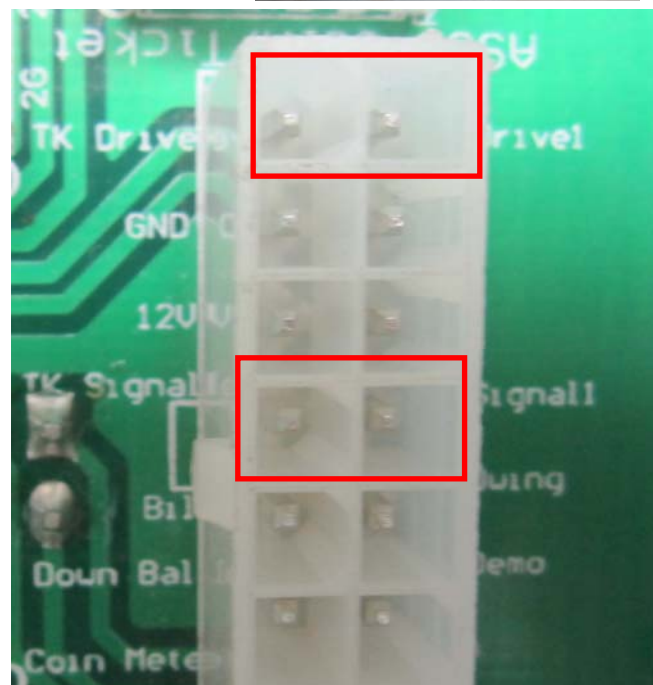
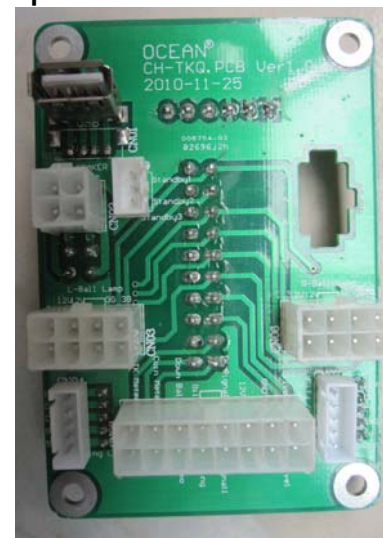
# How to check the ticket dispenser

TCH-TKQ Adapter board

TCH-TKQ Adapter board  
Front side

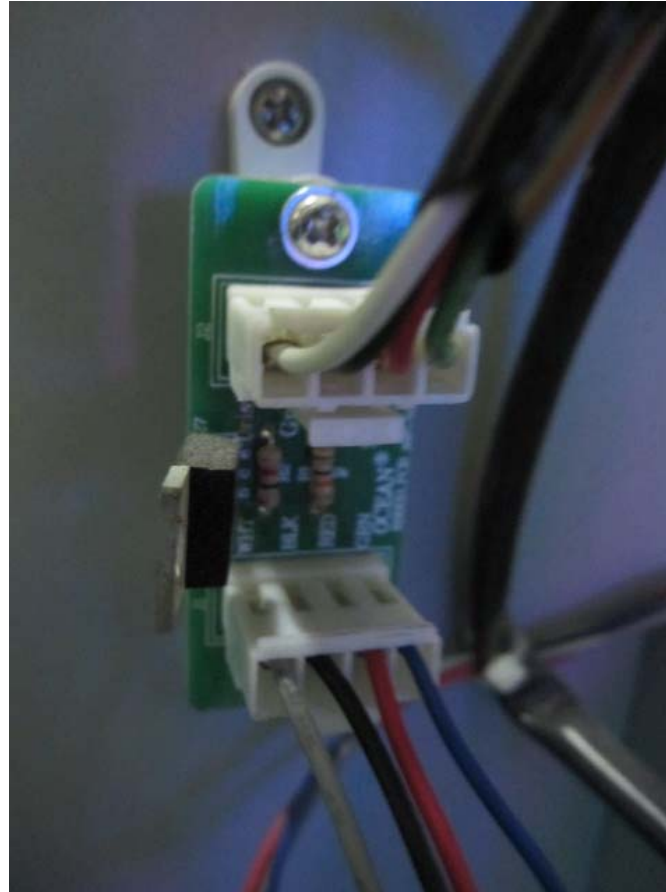
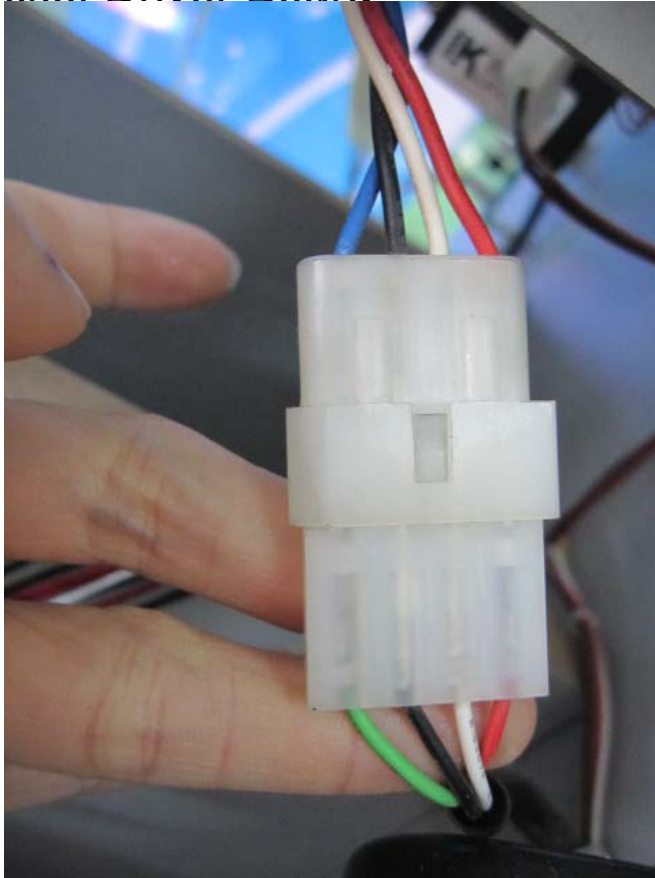


TCH-TKQ Adapter board  
Back side



## How to check the ticket dispenser

### Ticket Driver Board



1. Check the power of the tickets dispenser, to make sure all the wires are in good connection.

### Ticket Dispenser



2. Press the service button(Yellow button) to see if the motor of the ticket mech are work or not; if it work, means it have the signal; if it only work for 2s then stop(or not work, It means there no feedback signal.
3. Load the tickets in the ticket mech to see when the tickets outting, the green LED flash or not, pay out one ticket, if will flash one time; if it flash normally, it means the tickets signal is OK.

## How to check the ticket dispenser

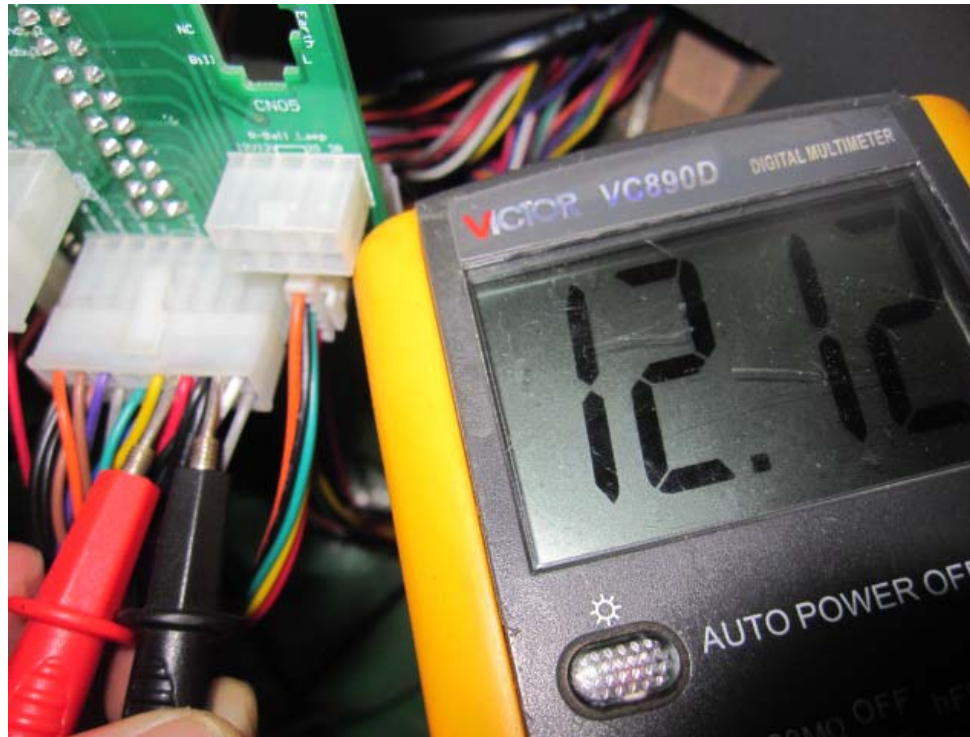
3. The problem on press the service button, the ticket Mech no work, the green light no flash, please check the power of the ticket Mech as below:  
use the universal meter, setting at the voltage state, then measure the voltage of the ticket mech driver board as below photo show:



if it show About 12V, it means the power is OK;  
if it show 0, it means there have no power.

## How to check the ticket dispenser

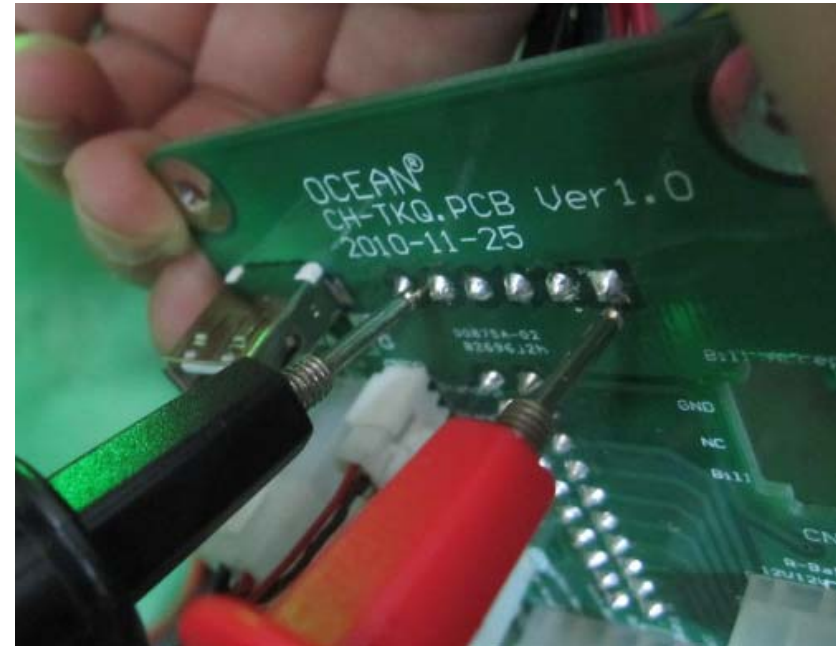
### 4. Check the power on the adapter board(CH-TKQ.PCB).



Use the universal meter, and setting at the voltage state check at the black wire GND and red wire 12V to see if it show at 12V; If it showed about 12V, it means the power of adapter board is ok; If it showed 0, please check the other backside's voltage.

## How to check the ticket dispenser

### 5. Check the power on the backside of the adapter board(CH-TKQ.PCB).



Use the universal meter, and setting at the voltage state  
check at the black wire GND and red wire 12V to see if it show at 12V;  
If it showed about 12V, it means the power of adapter board is ok;  
If it showed 0, then it means the problem on the adapter board(CH-TKQ.PCB), need  
to replace it.

## How to check the ticket dispenser

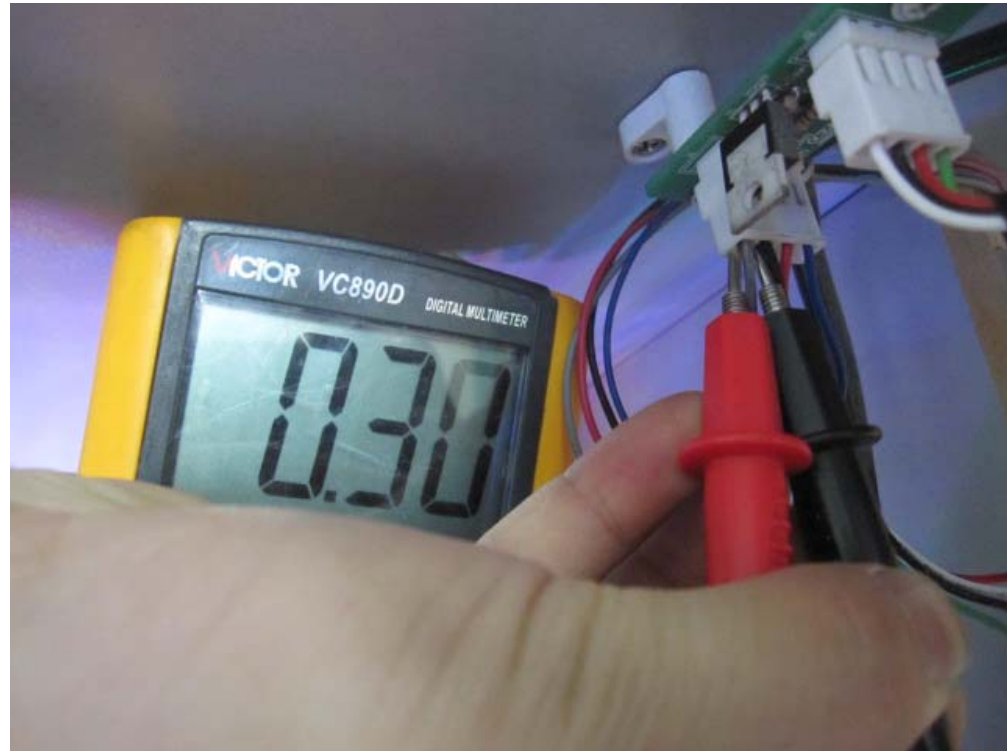
### 6. Check the Ticket Driver signal



6.1 Use the universal meter, and setting at the voltage state check at the gray wire and Black wire of the ticket driver ball to see if it show at 12V; If it showed about 12V, it means the Signal of the driver board is OK;

## How to check the ticket dispenser

### 6. Check the Ticket Driver signal

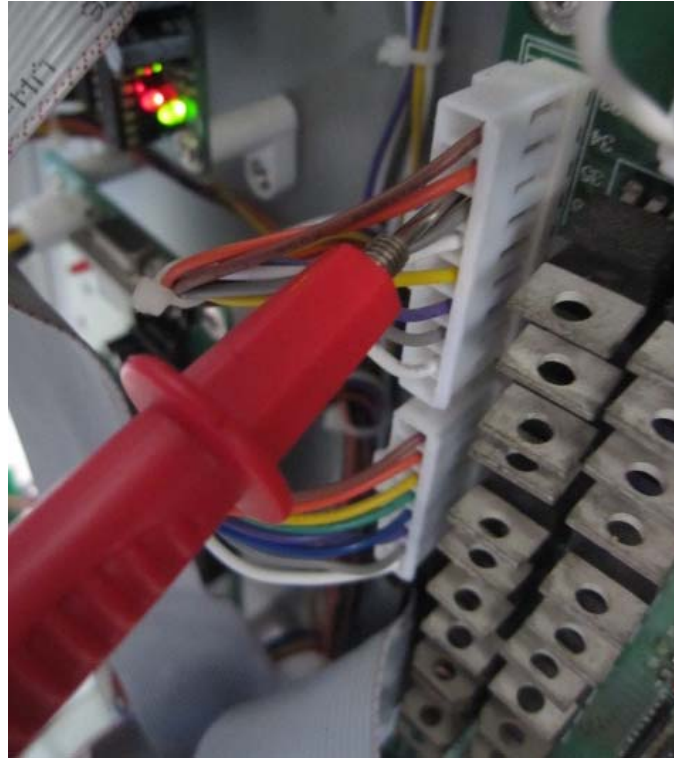
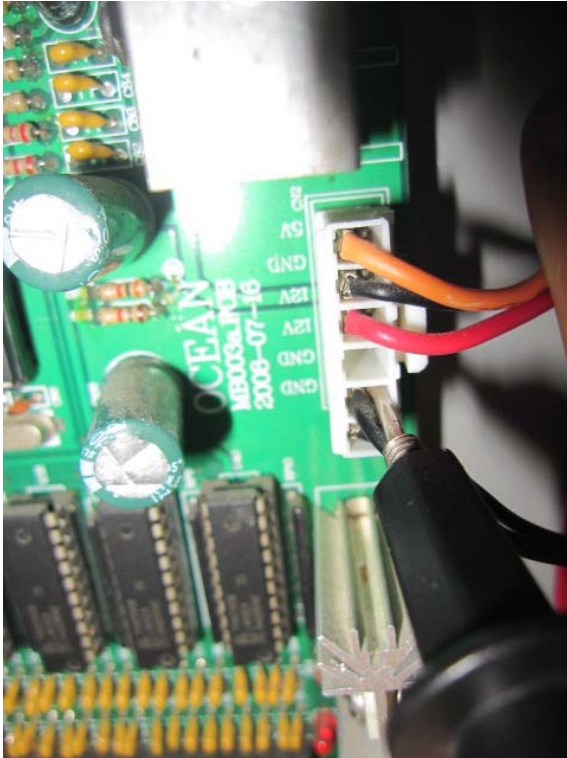


6.2 then press the ticket owing button, at the same time, notice that the number change into 0.3-0.5, it means the output signal is OK; if it keep on display 12 and no change, it means there have something wrong on the main board.

## How to check the ticket dispenser

### 6. Check the Ticket Driver signal

#### 6.3 check on the Main board.



Setting the universal meter at the current state

One side to check on the Black wire GND; the other side check at the OUT35

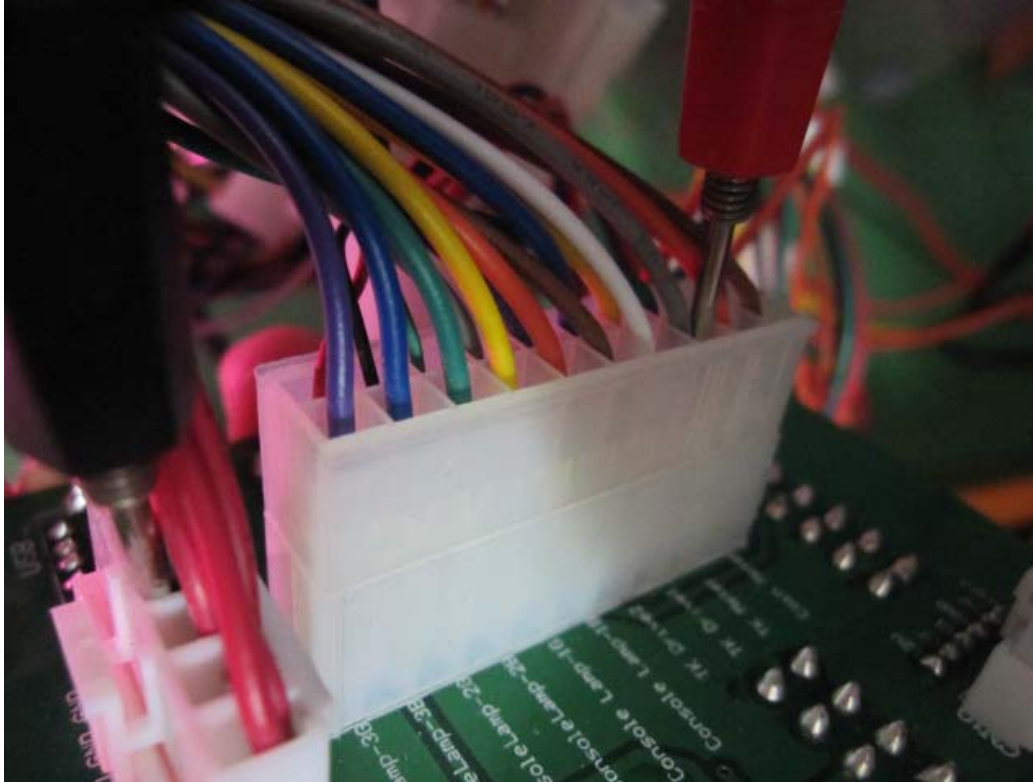
If it display as 6-10MA, and the ticket mech's motor work, it means the wire from the main board to the tickets mech is OK.

If the tickets mech' motor didn't work, It maybe the problem on the main board .

## How to check the ticket dispenser

### 6 Check the Ticket Driver

#### 6.4 Check on signal adapter board(CH-TKQ.PCB).



One side to check on the Black wire GND on the adapter board(CH-TKQ.PCB).

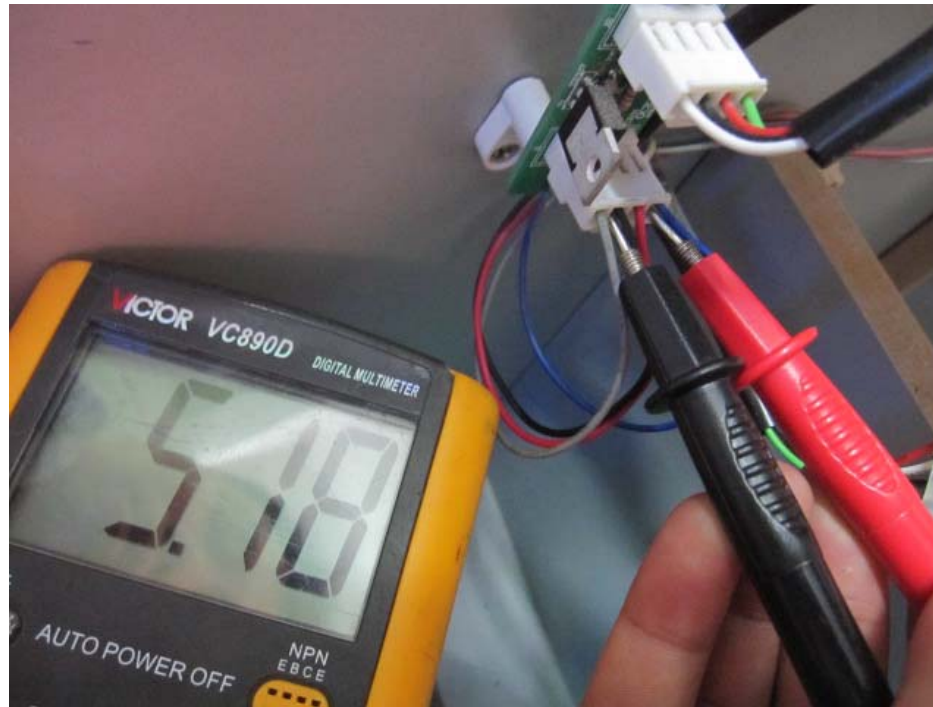
If it display as 6-10MA, and the ticket mech's motor work, it means the wire from the Adapter board to the tickets mech is OK.

If not means the Adapter board has problem on.

## How to check the ticket dispenser

### 7. Check the Signal Feedback

#### 7.1 Check on ticket driver board



Setting the universal meter at the current state

One side to check on the Blue wire & Black wire; it will display 5V;

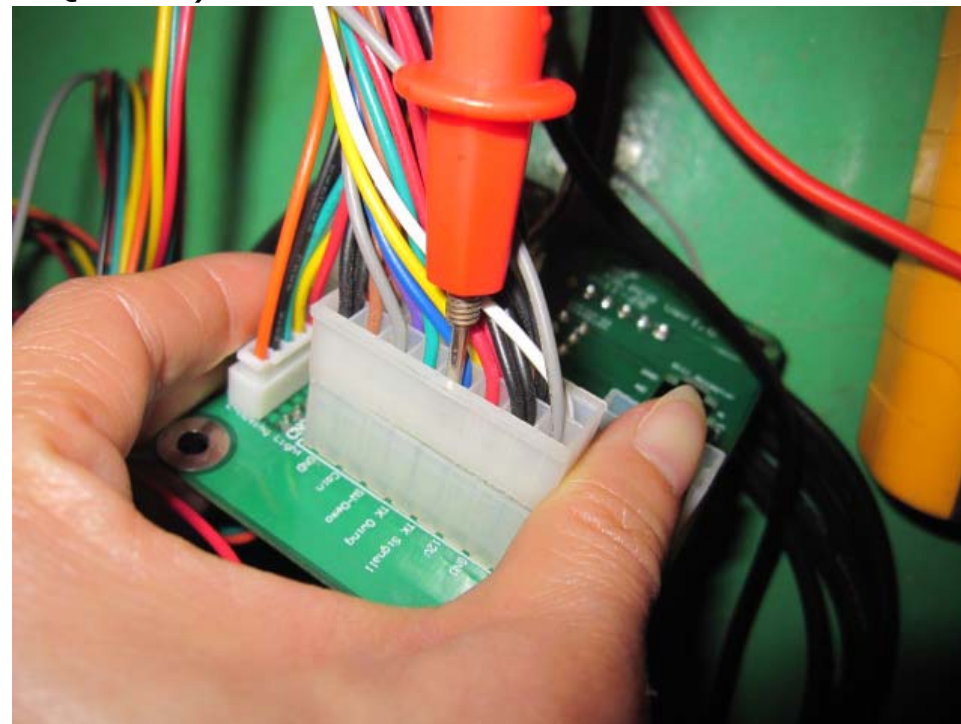
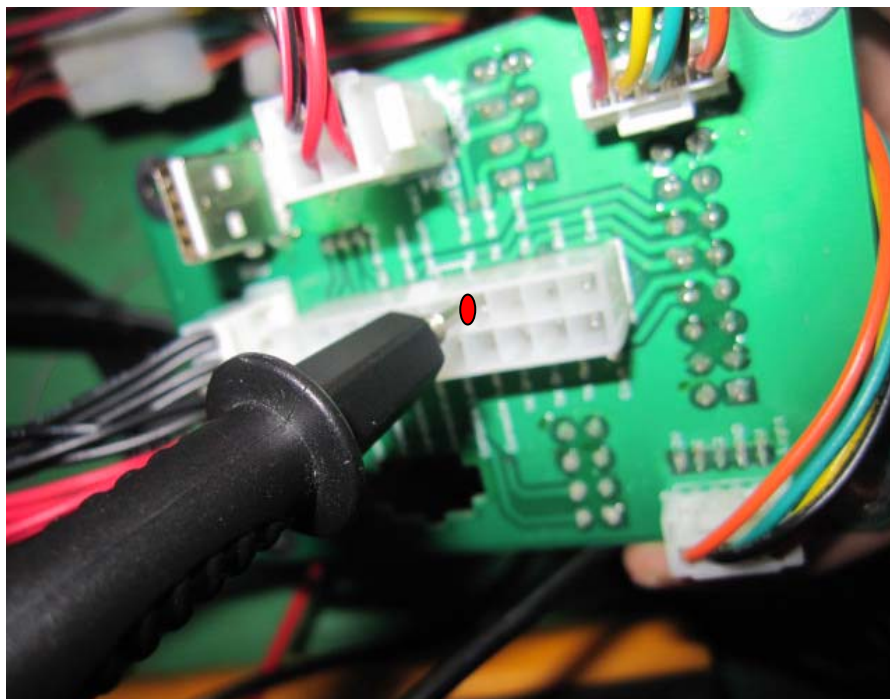
Press the the service button(yellow button), notice that the voltage change to 0.05V  
when the green LED turn on, it means the ticket mech signal is OK;

If not, it means the problem on this ticket driver board.

## How to check the ticket dispenser

### 7. Check the Signal Feedback

#### 7.2 Check on signal adapter board(CH-TKQ.PCB).



Setting the universal meter at the current state

One side to check on the Face side of the CH-TKQ.PCB TK signal1 & the other side is to the back side TK signal1; it will display 5V;

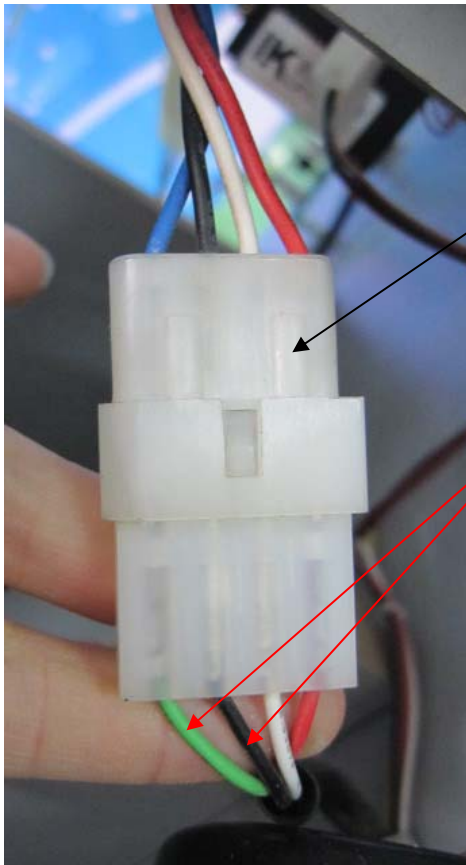
if it display 5v, means the adaptor board CH-TKQ.PCB is OK;

If not, It means the problem on the adaptor board CH-TKQ.PCB

## How to check the ticket dispenser

### 7. Check the Signal Feedback

#### 7.2 Check on Signal wires

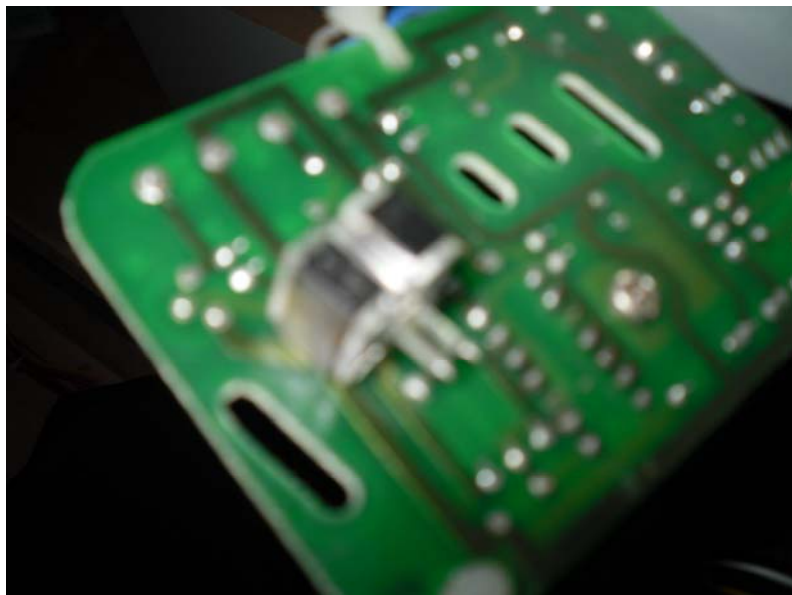


Unplug this  
plug of the  
ticket mech

Setting the universal meter at the voltage state  
One side to check on the the green wire; the  
other side to the black wire, it will display 5V, it  
means all the signal wires are OK.

## How to check the ticket dispenser

### Ticket Mech



Sometime this plastic cover of the coin mech which protect the sensor (Load at the backside of the ticket mech's PCB), will effect the signal too, so had better to take it out.