



MANUAL

Contents

- Precautions2
- I. Product Accessories2
- II. Product Specification3
 - 1. Specifications3
 - 2. External Product View4
- III. Assembly5
 - 1. Parts list.....5
 - 2. Assembly Steps.....5
- IV Product Set-up.....6
 - 1. Set-up Environment and Conditions6
 - 2. Required Space for Set-up6
- V. Turning On the Machine.....7
 - 1. Normal Start-up Procedure.....7
 - 2. Fuse Replacement7
 - 3. Tray Replacement and Adjustment8
 - 4. Coin Selector Replacement and Coin Refill.....10
- VI. Function Introduction11
 - 1. Test12
 - 2. Audit12
 - 3. Ticket Refill13
 - 4. Function Tilt13
 - 5. OIP SWITCH Adjustment14
- VII. Cleaning and Maintenance15
- VIII. Troubleshooting Chart15
- IX. Expanded View.....16
- X. Electrical Wiring Diagram20

Precautions

First, we would like to thank you for choosing our product. We hope you will read the manual before use to maintain user safety and ensure proper operation of the product. In this manual you will find product features, precautions and some simple troubleshooting methods. Please keep this manual in case of future problems or accidents.

- Notice
 - After assembly, please check to ensure wires are in the proper positions.
 - After set up is completed, you can plug in and turn on the machine.
 - Turn off the machine before moving to prevent damage.

I. Product Accessories

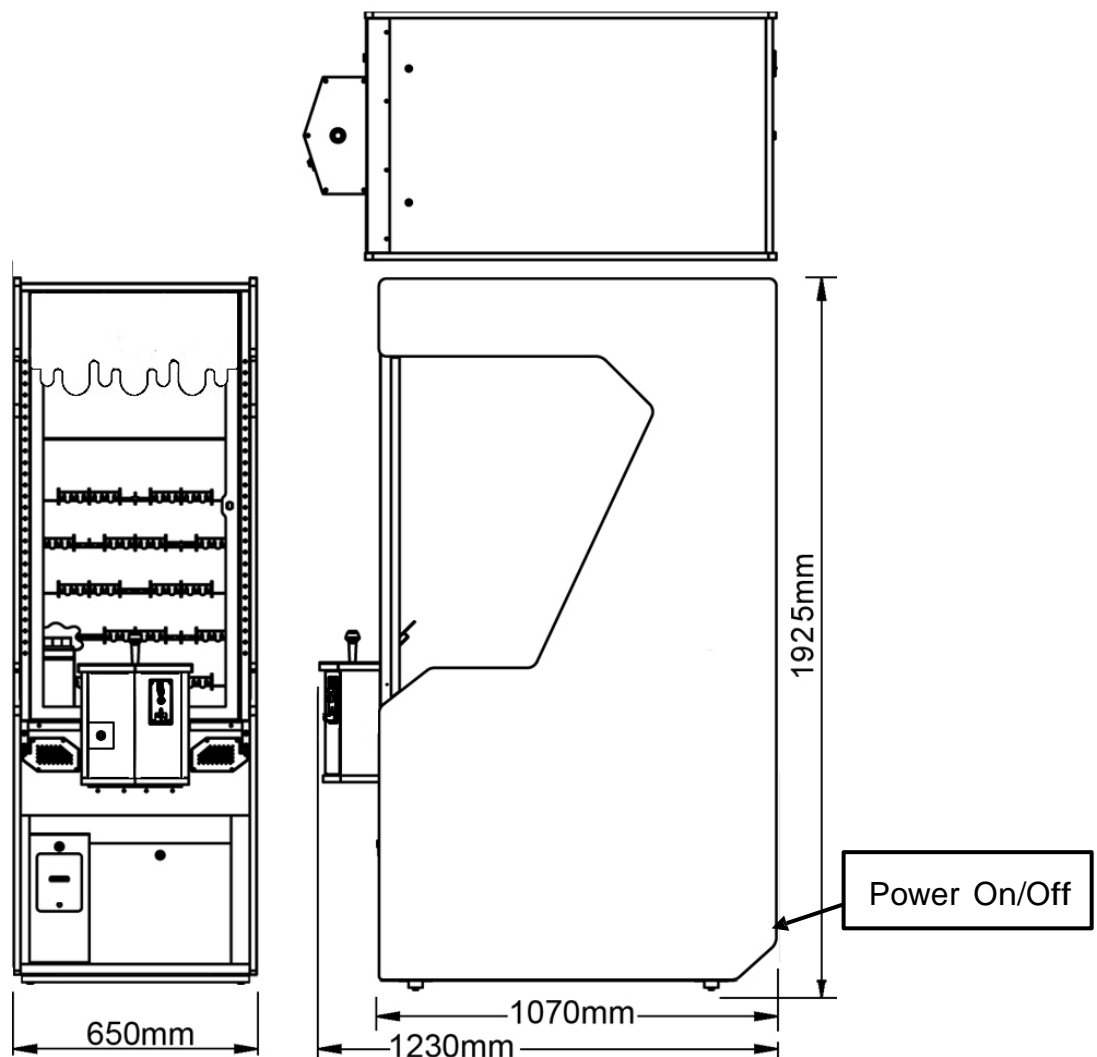
Before using the product, please ensure the product content is correct. If anything is missing please contact us. Please also ensure all attached parts are included.

Item No	Item Name	Location	Quantity
1	Manual	Envelope	1
2	Power Cable	Inside Machine	1
3	Cash Box Key	Envelope	1
4	Service Door Key	Envelope	1
5	Control Platform Key	Envelope	1

II. Product Specification

1. Specifications

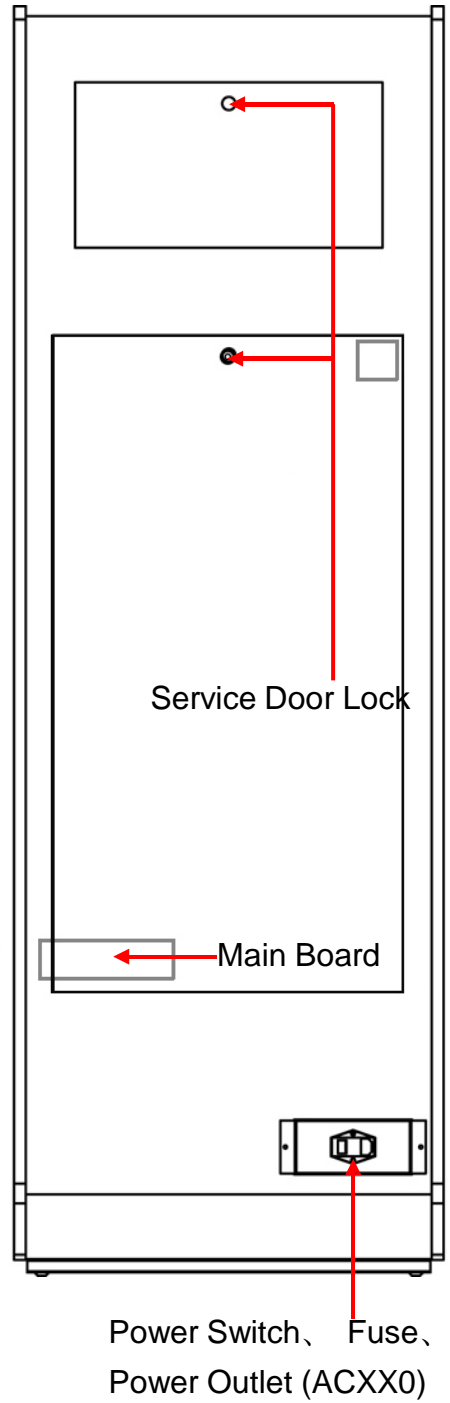
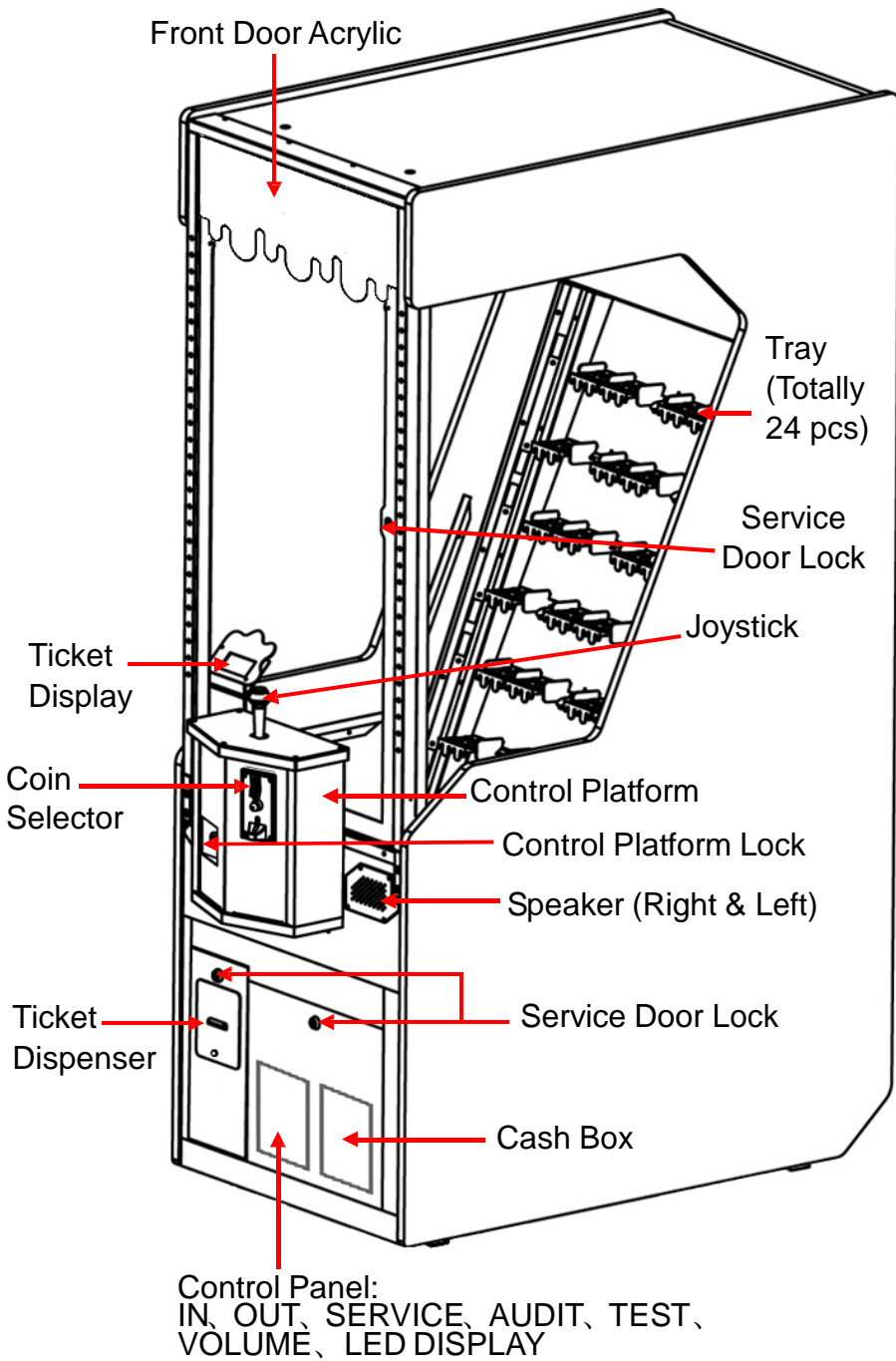
Items	Specification
Size	650 mm(W)×1230 mm(D×1925mm(H)
Weight	160kg
Power Supply	AC110V~120V / AC220V~240V (50~60HZ) Depending on Outlet Label
Power Consumption	250W
Fuse	5A(20mm)
Coin Size	22mm~27mm Diameter (Adjustable)



2. External Product View

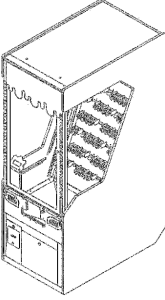
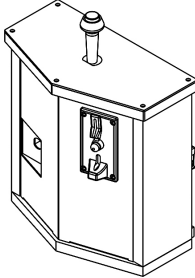

Front and Side

Rear Image



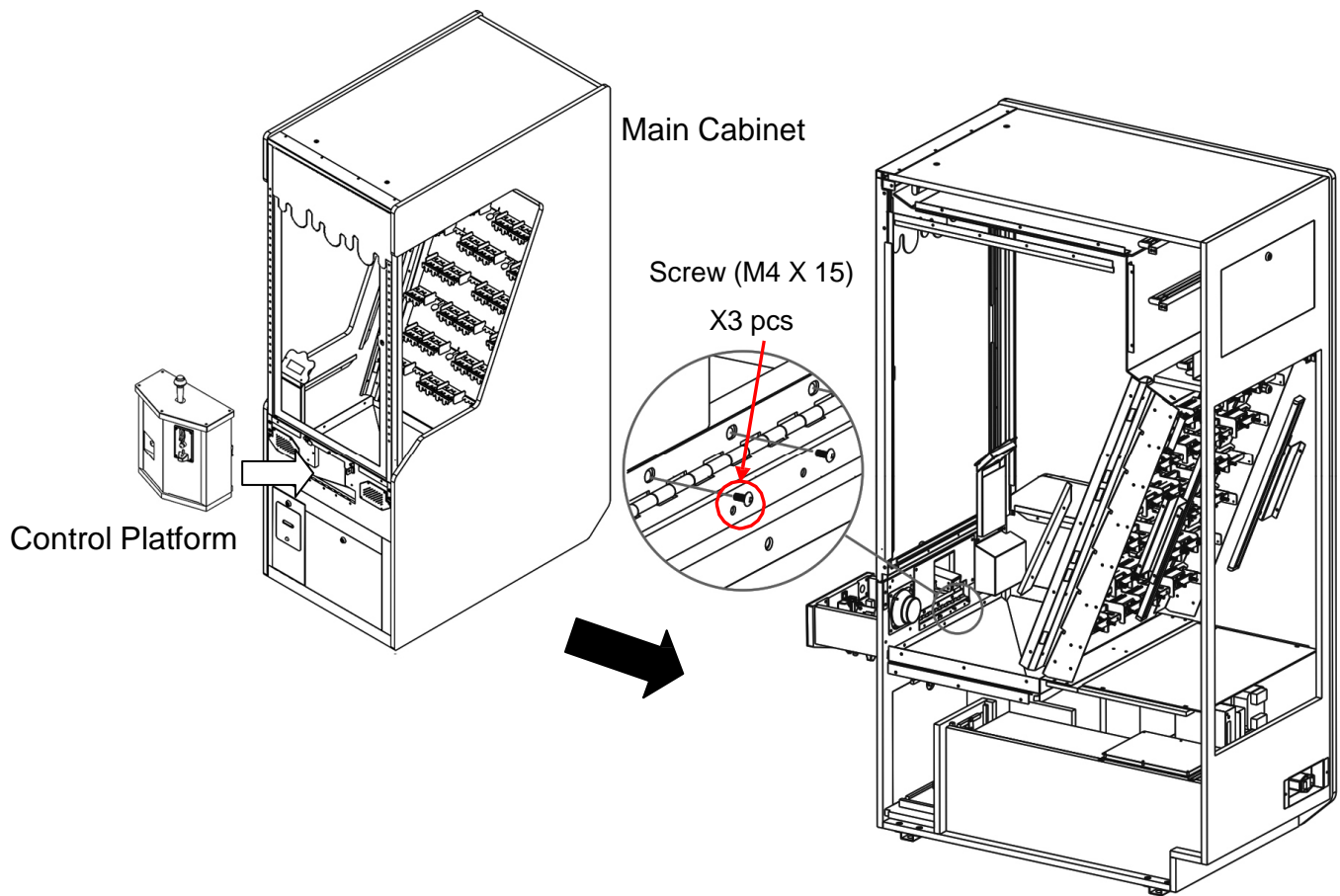
III. Assembly

1. Parts list

Main Cabinet X1 PC	Control Platform X 1 PC	Screw(M4X15) X10 PCS (7 PCS for spare)
		


2. Assembly Steps

Step one: Use screwdriver to lock the screws to connect main cabinet and control platform.



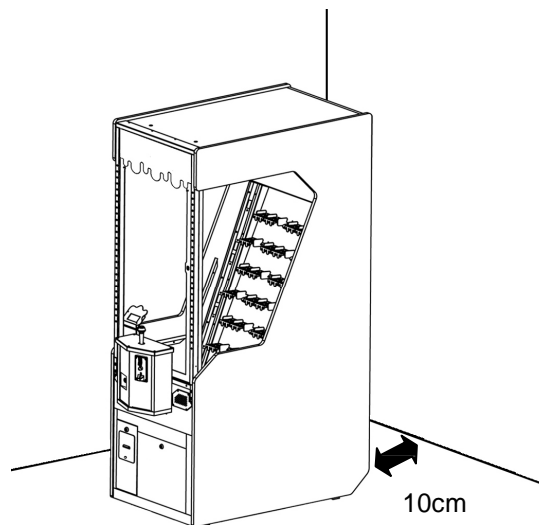
IV Product Set-up

1. Set-up Environment and Conditions

<p>Set-up Environment</p>	<p>Indoors</p> 	<p>Temperature Range 5 °C ~ 40 °C (32 °F ~ 140 °F)</p> <p>Humidity 10%~70%</p>
<p>Product is meant for indoor use, please do not place it in the following locations:</p> <ol style="list-style-type: none"> 1. Do not place near indoor swimming pools, bathrooms, where there is dripping water or high humidity. 2. Do not place in direct sunlight. 3. Do not place near machines with high temperatures. 4. Do not place next to emergency exits or safety equipment. 5. Do not place next to explosive or volatile chemicals. 6. Do not place on inclines. 7. Do not place where people must walk in order to avoid collisions and falling down. 		

2. Required Space for Set-up

- Due to players' need to stand or sit, leave a space of 80cm (Excluding walking space).
- Leave 10cm in rear for the power cable. (50cm for maintenance is preferred.)



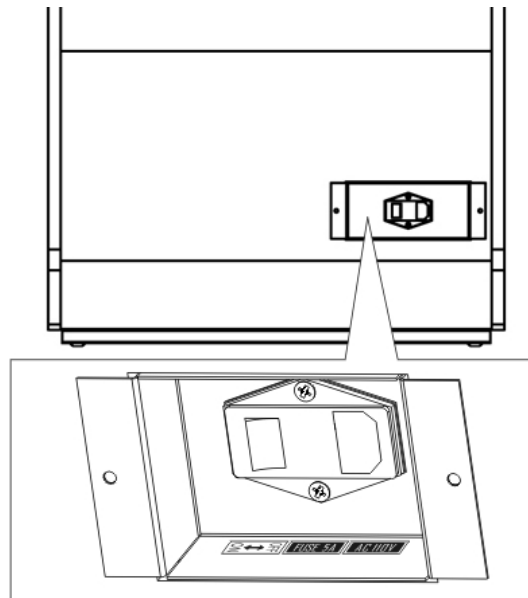
V. Turning On the Machine

1. Normal Start-up Procedure

1. Connect power cable.

Use the female connector of the power cable that comes with the product and attach it to the power outlet. Ensure the voltage and current are as pictured below.

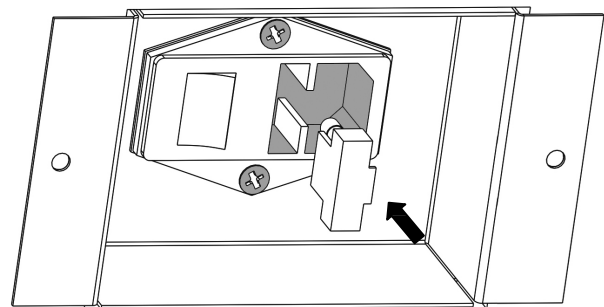
Use the male connector of the power cable to plug into a suitable outlet (Please ensure the grounding wire is connected). Turn on the power (The machine is now operable).



2. Fuse Replacement

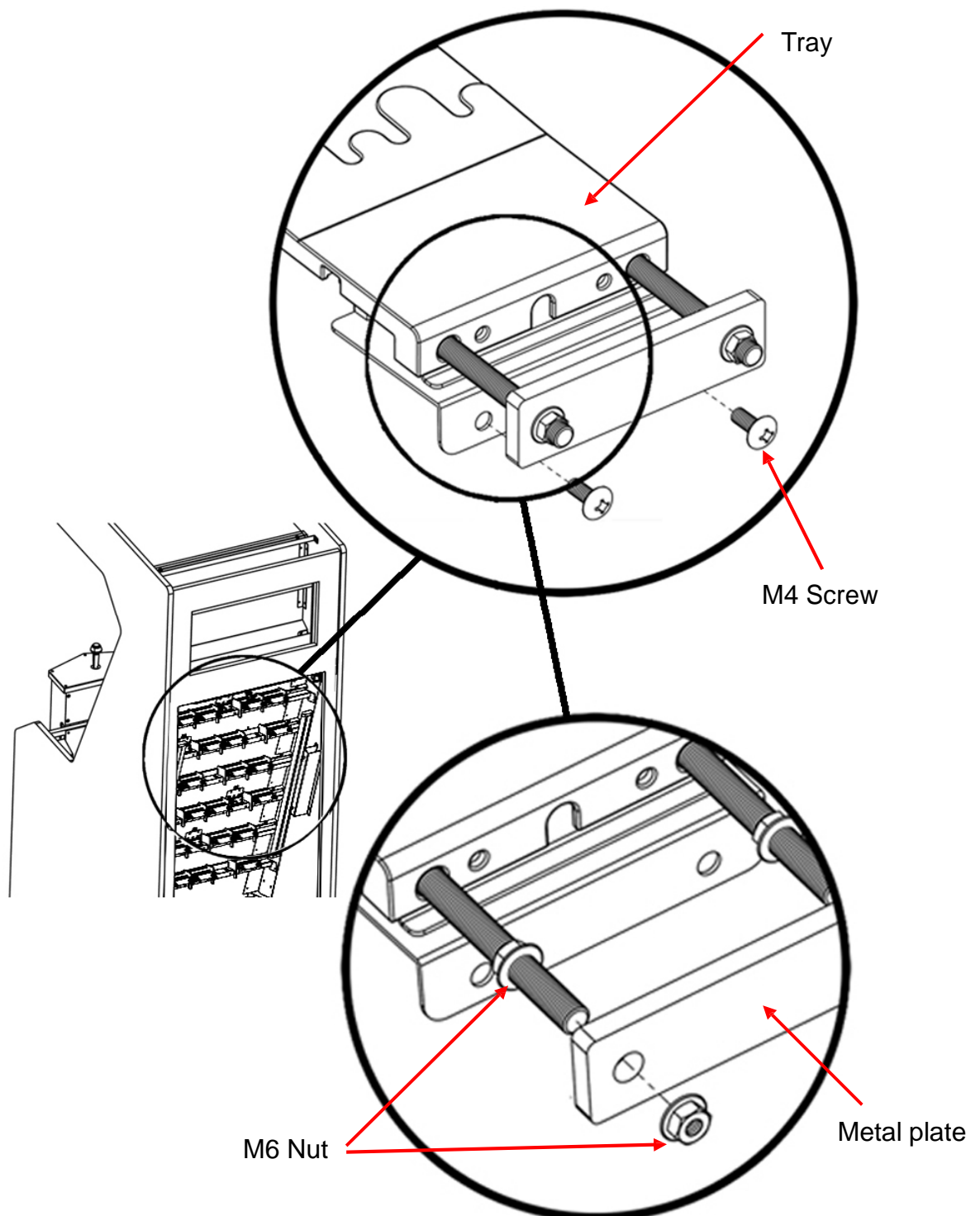
The fuse is located in the center of the power switch on the rear right of the machine.

Please remove the plastic case and replace. Totally two.



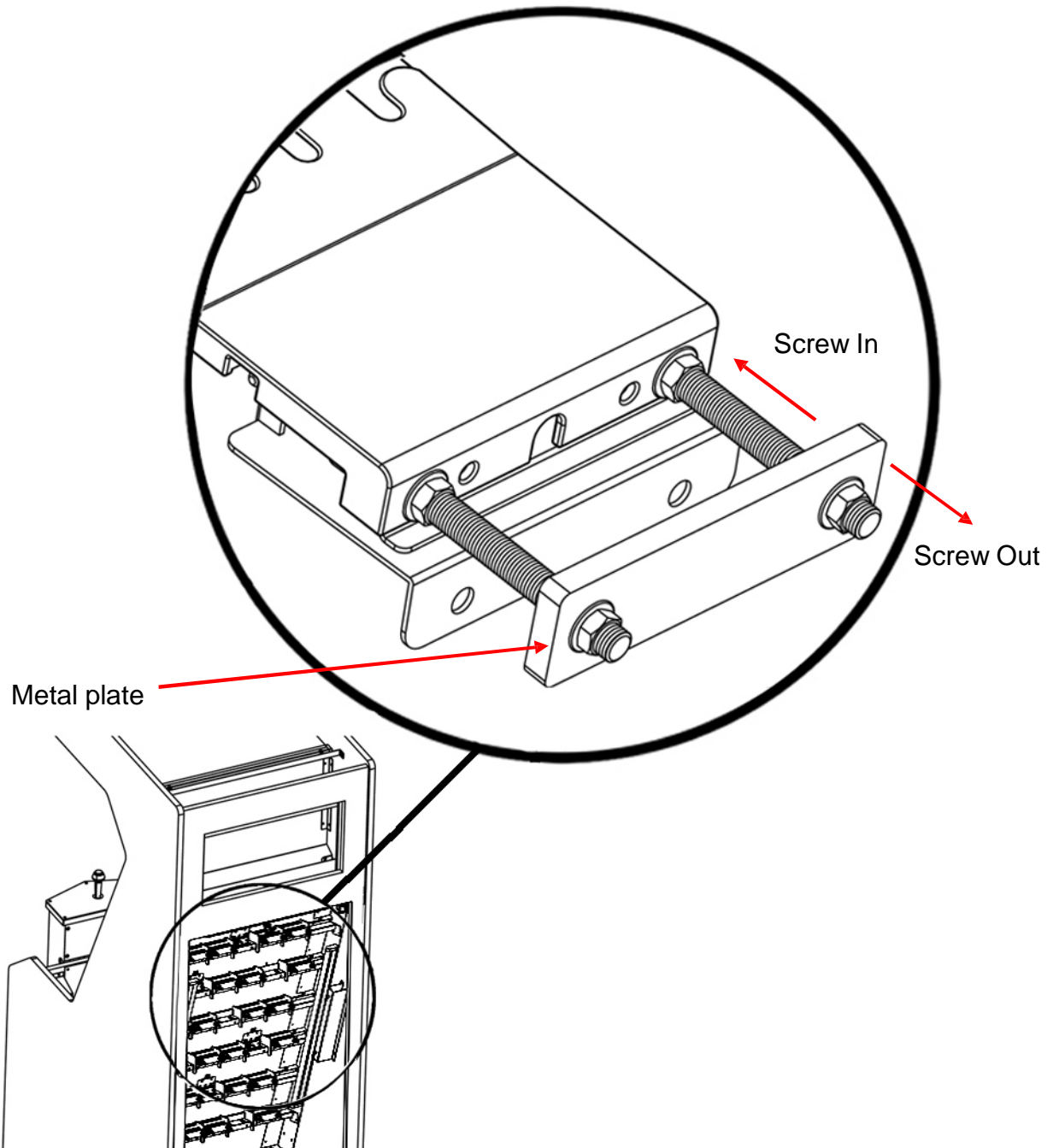
3. Tray Replacement and Adjustment

(1) Tray Replacement : Loosen M4 screw, take out whole tray with metal plate , loosen M6 nut and take out the metal plate, and loosen M6 nut, to remove the tray.



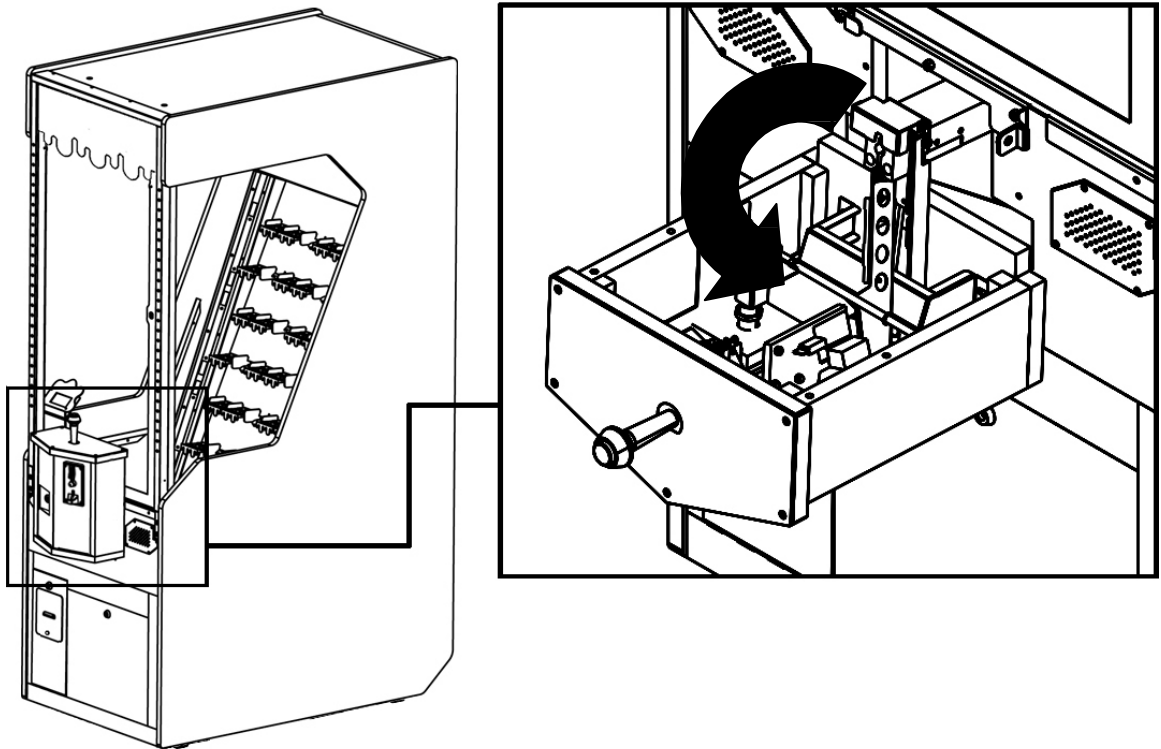
(2) Tray Adjustment

To adjust how coins fall , please loosen M6 nut, and screw in the metal plate to make tray carry less coin and screw out the metal plate to carry most coins.

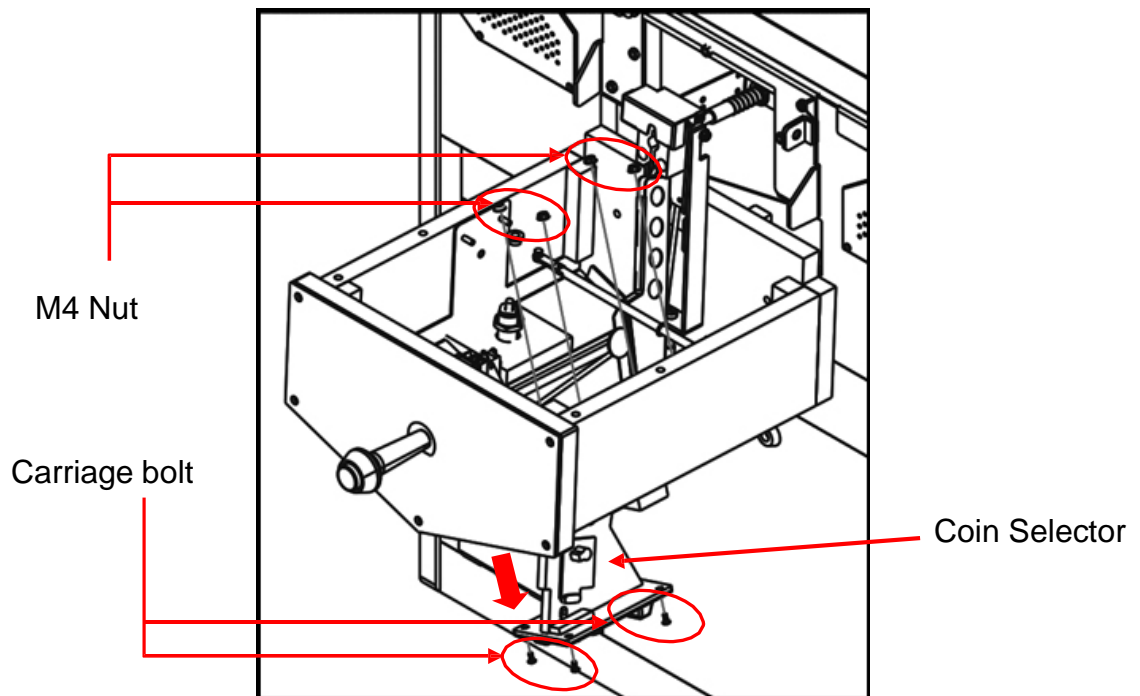


4. Coin Selector Replacement and Coin Refill

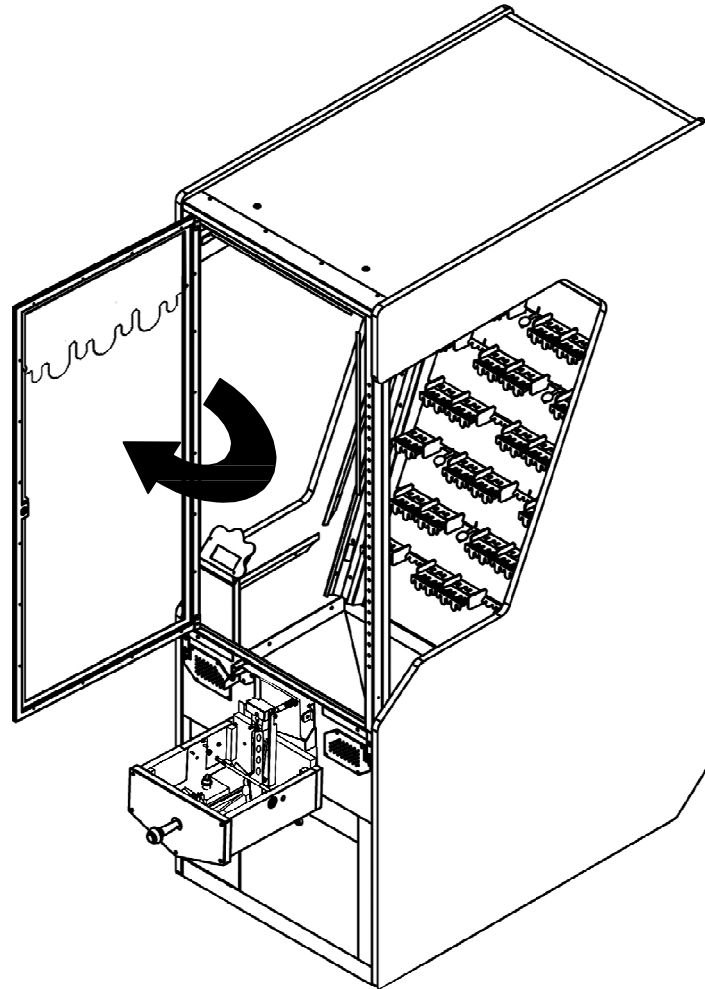
Step 1 : Open control platform and put it down.



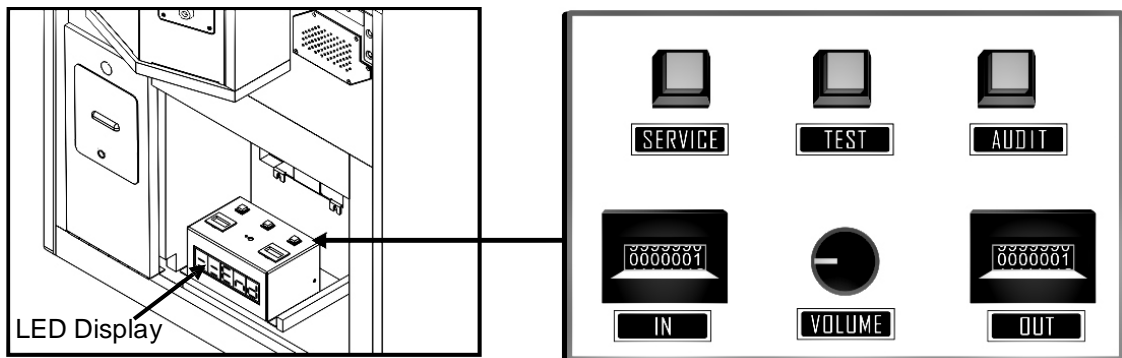
Step 2 : Loosen M4 nut and carriage bolt to replace the coin selector.



Step 3 : Open the front door and refill coin on the tray.



VI. Function Introduction



Open the service door on the lower right of the machine front, you will see the control panel. The control panel includes the function of IN, OUT, TEST, SERVICE, AUDIT and VOLUME.

1. Test

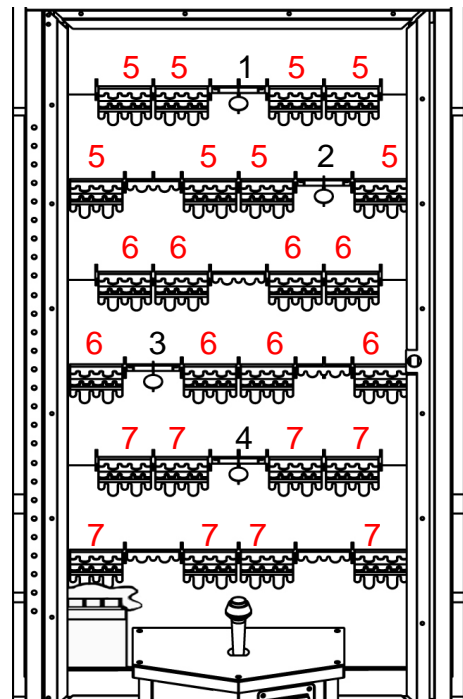
Press **TEST** to start, press again to enter next test, until show "End" then press **TEST** to return "Standby", test item and the meaning of LED display as below:

(1) Press **TEST** to test light

1. LED display show from 0~9, the light show from up to down.

(2) Press **TEST** again to test Sensor

LED display show 1 = 0 0 0, if sensor work well, when push down the tray, it will show the representative number in last digit. Ex. Push down # 6 tray, will show 2 = 006.



(3) Press **TEST** again to set up DIP SWITCH

Display will show as below:

"2 = SW8 SW7 SW6" and then "SW5 SW4 SW3 SW2 SW1, after that will show "2= 1 1 0" and then "0 0 1 0 1"

SW means DIP SWITCH place, 1 means ON, 0 means OFF

(4) Press **TEST** again: LED Display shown **==End** then press "Test" to return "Standby"

(5) Elasticity Adjustment : Display will show 3 = 00X, X means elasticity, press **SERVICE** to adjust, 1 is smallest, 7 is largest.

2. Audit

Press **AUDIT** to audit, press again to enter next test, until shown "End" then

press **AUDIT** to return "Standby"

Display	Meanings
0=999	Start Amount
1= 99999	Total Ticket Out
2= 99999	Total Token Fall.
3= 99999	Total Token Fall during business hours the time before last time.
4= 99999	Total Token Fall during business hours last time.
5= 99999	Total Ticket out during business hours the time before last time.
6= 99999	Total Ticket out during business hours last time.
More than 5 digit	Display will show alternate every 0.5 sec. Ex. 00012 & 34567.

* Memory clear : Press **TEST** and **SERVICE** at the same time and start machine, will clear all information. After clear, ticket display will show 「clr」 and display will show 「End_」 . When Stand By, display shows coin counted amount from second digit, first digit shows "0" means shooter is empty, and shows "3" if has coin on the shooter; Ticket display shows unpaid out ticket.

3. Ticket Refill

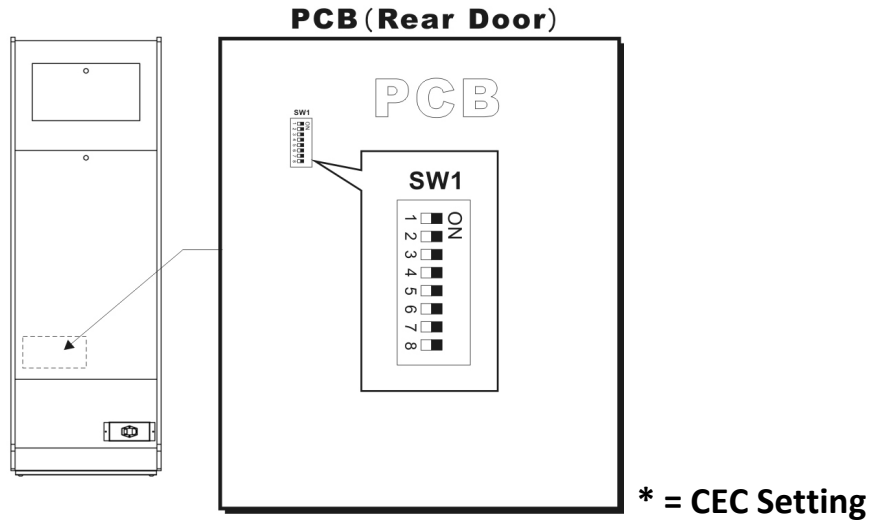
Press **SERVICE** and refill ticket, when finish, press **SERVICE** again to return "Stand By".

Press **SERVICE** longer to clear unpaid out ticket.

4. Function Tilt

Counter will finish the coin inside hopper and no ticket out after tilt machine, will back to the game after clear the hopper.

5. OIP SWITCH Adjustment














DIP SW1								Ticket No./ Per Coin	Mercy Ticket/Per Game	Ticket Adjustment
1	2	3	4	5	6	7	8			
X	X							1		
O	X							2		
X	O							3		
O	O							4 *		
		X							0*	
		O							1	
			X							Strength Variable/No *
			O							Strength Variable/Yes
				X	X	X	X			Lit : 5, No Lit : 2
				O	X	X	X			Lit : 5, No Lit : 3
				X	O	X	X			Lit : 10, No Lit : 3
				O	O	X	X			Lit : 10, No Lit : 4
				X	X	O	X			Lit : 25, No Lit : 3
				O	X	O	X			Lit : 25, No Lit : 4*
				X	O	O	X			Lit : 25, No Lit : 5
				O	O	O	X			Lit : 50, No Lit : 5
				X	X	X	O			Lit : 50, No Lit : 10
				O	X	X	O			Lit : 50, No Lit : 15
				X	O	X	O			Lit : 100, No Lit : 10
				O	O	X	O			Lit : 100, No Lit : 20
				X	X	O	O			Lit : 250, No Lit : 25
				O	X	O	O			Lit : 300, No Lit : 25

【O: ON X: OFF】 Default is OFF

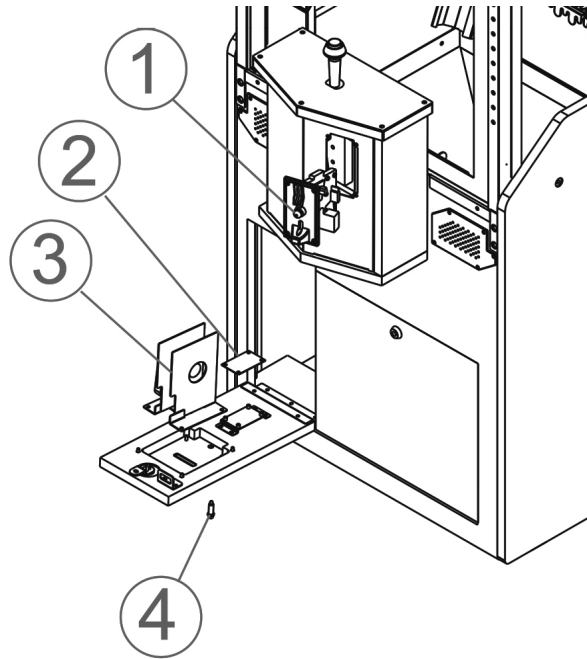
VII. Cleaning and Maintenance

- Please keep the machine clean. The exterior is touched by players, resulting in it getting dirty, so please use neutral cleaners on surface.
- Please regularly clean the machine to maintain appearance.
- Machine Exterior: Use stain removers or detergents to clean and remove stains.
- Acrylic Parts: Use glass-cleaning detergent to clean.
- Do not use water to clean the machine.

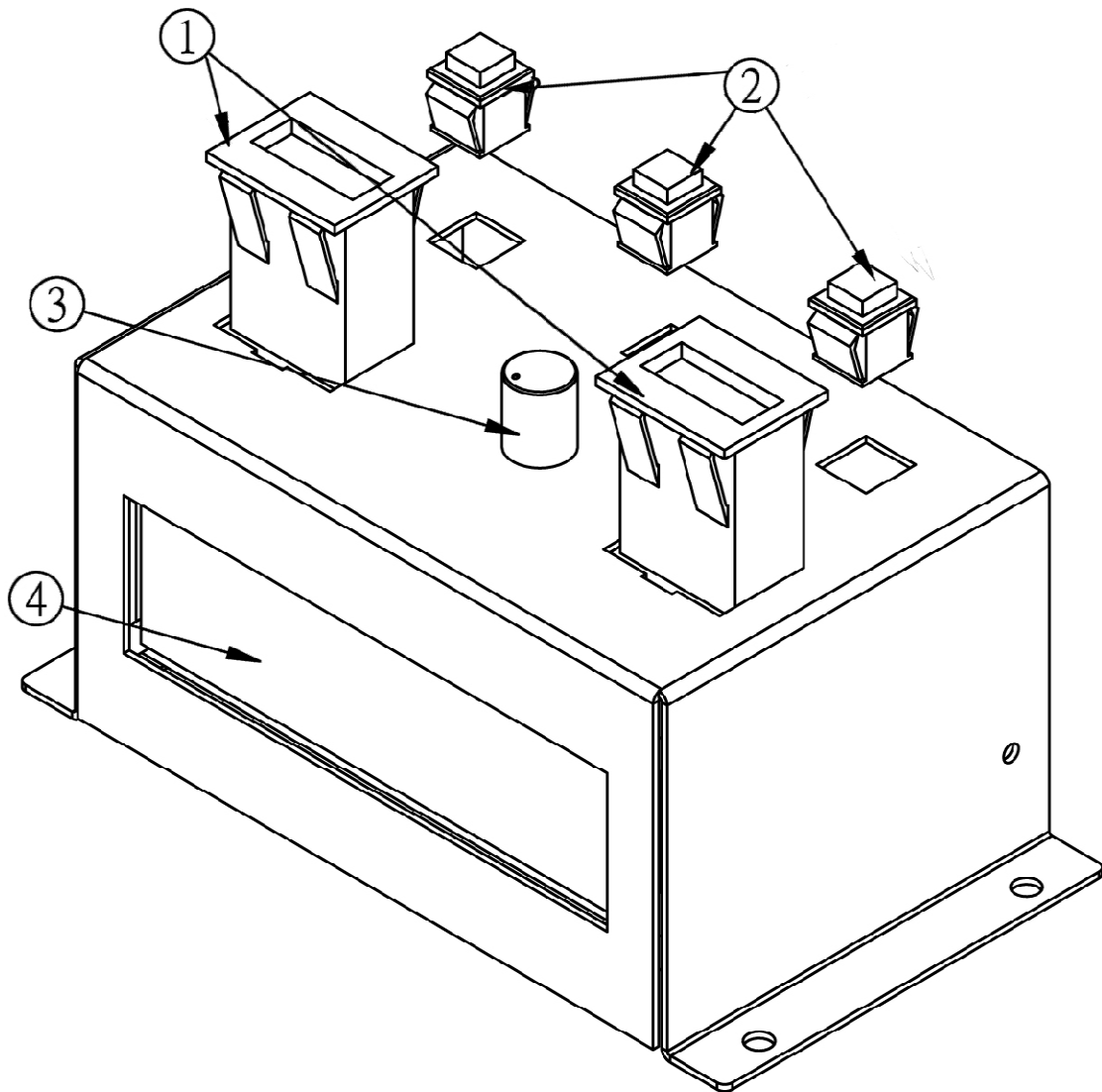
VIII. Troubleshooting Chart

Display Code	Meanings	Troubleshooting Method
	Tray or prize target board (Corresponding Number see 5.1.1) : 1.Connector or harness fall off. 2. Get stuck. 3. IC Board broken.	1. Check connector or harness. 2. Eliminate the obstacle. 3. Repair the IC Board.
		
		
		
		
		
		
	Coin Selector	1. Check connector or harness. 2. Replace coin selector. 3. Set the coin selector into NO.
	Tilt Sensor	Restart machine, counter will empty the hopper and no ticket out.
	Ticket Error or Ticket Out	1. Press SERVICE and refill ticket, after finish, press SERVICE again to return "Stand By". 2. Press SERVICE longer to clear unpaid out ticket. 3. Replace Ticket Dispenser.
	Hopper Error	1. Check connector or harness. 2. Check if coin stuck in hopper. 3. Replace hopper.

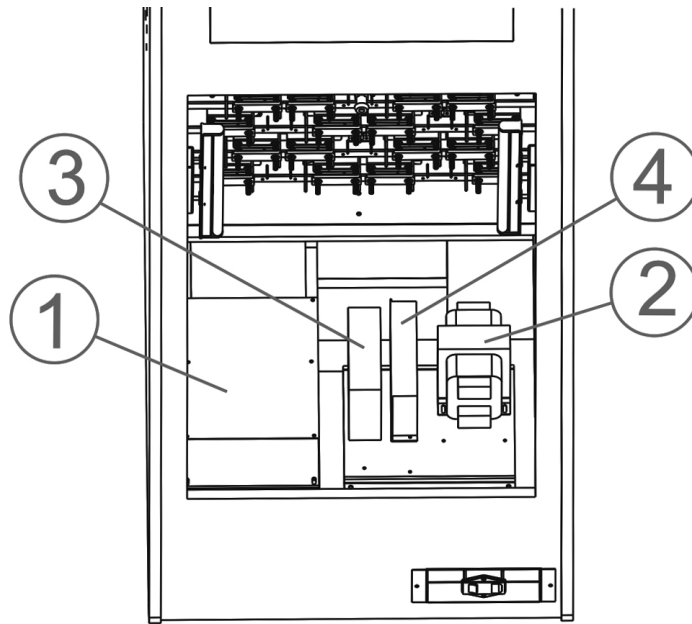
IX. Expanded View



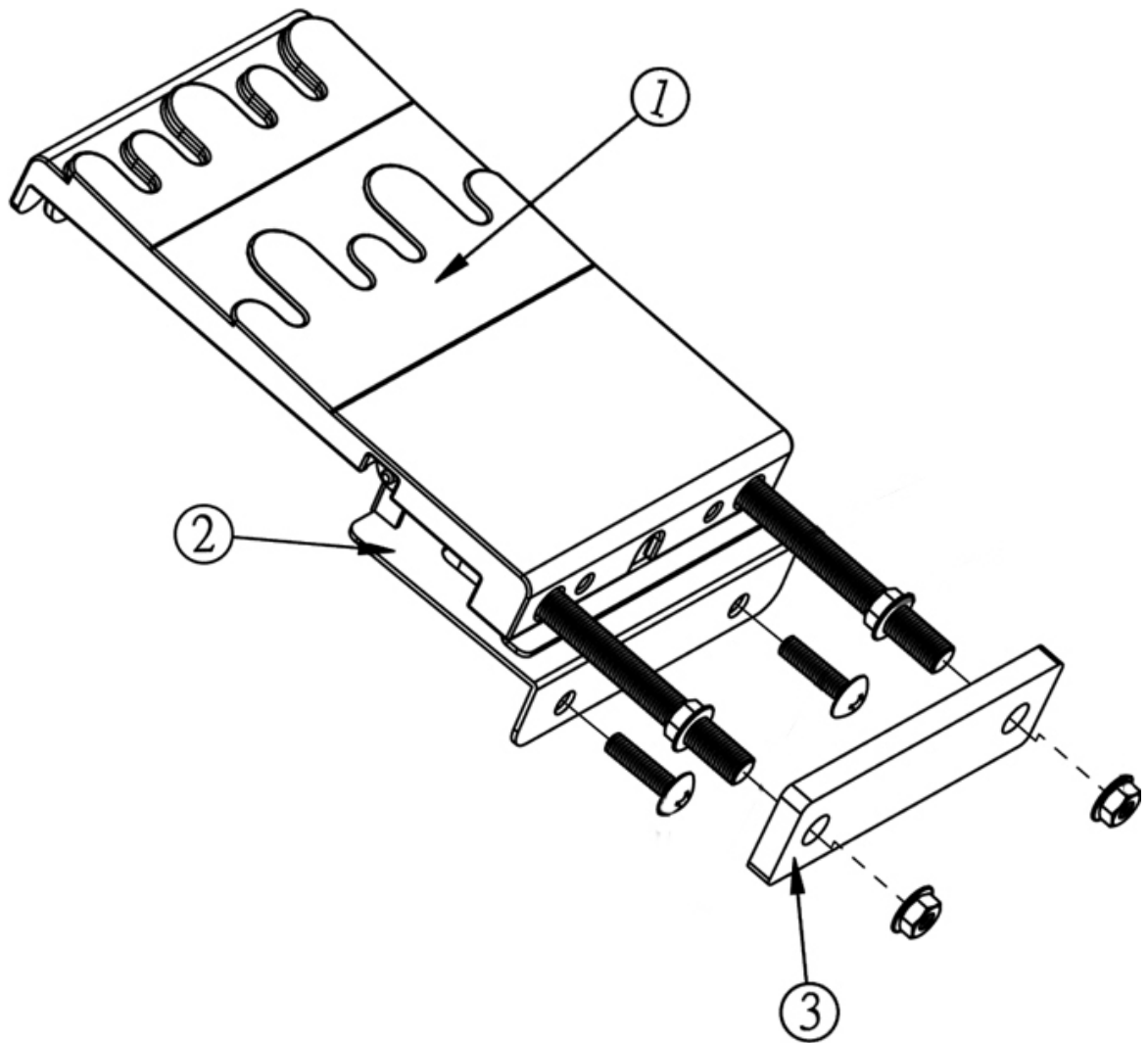
No.	Item	Part No.	Q'ty
1	Coin selector HS-03CS	1291-10000101	1
2	Ticket Transfer Board (TICKET-2)SW	2213-13100201	1
3	Ticket Dispenser OM5140 SW	2231-51400101	1
4	Pilot Lamp DC 12V(RED)	0962-00002407	1



No.	Item	Part No.	Q'ty
1	Counter	0922-00001021	2
2	Audit Push Button (RED)	0944-00000091	3
3	VR Knob	0943-00000201	1
4	Display (DISPLAY-2)(SW)	2212-10700101	1



No.	Item	Part No.	Q'ty
1	Main Board (AM-2010-A4)(SW)	2211-20100201	1
2	Transformer 220V 500W	0923-10000171	1
3	Power Supply /WY-15D/5V4A/12V12A/24V2A/48V/8A)	0992-00003401	1
4	Power Supply WY-15CGZ	0992-00002701	1

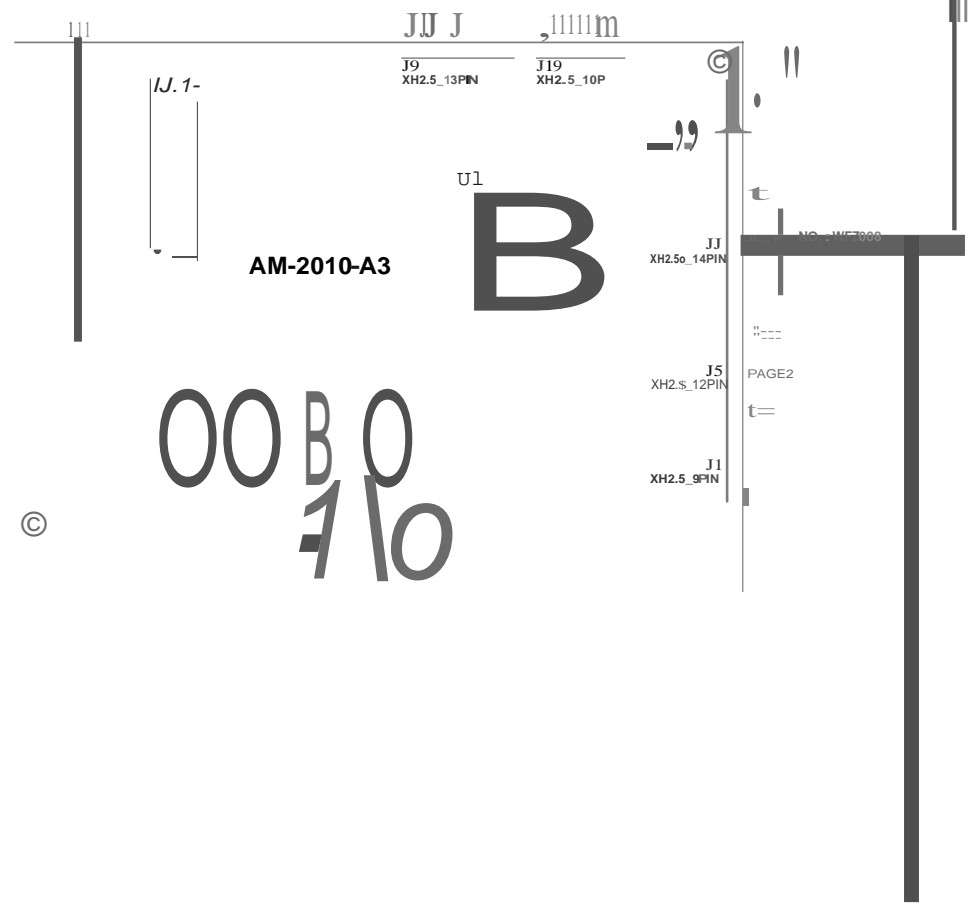
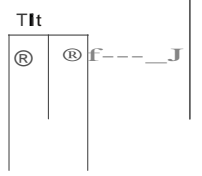


No.	Item	Part No.	Q'ty
1	Tray	1113-20100101	1
2	Fixed Sheet for tray	1134-20101601	1
3	Metal plate	1134-20100901	1

S W E L L Z

WORLDWIDE
SOLUTIONS

CO.™
udit



02

S&Lnt-1vzn Internatioaa LTD.	NITIEI	2010	WATEAFALLZ	Unitw	BITI8II
1	AM2010	Sheet	of 4	Origin	R.I.V
Date: 2010109114	ReY	3.1	Size	Custom	Approve

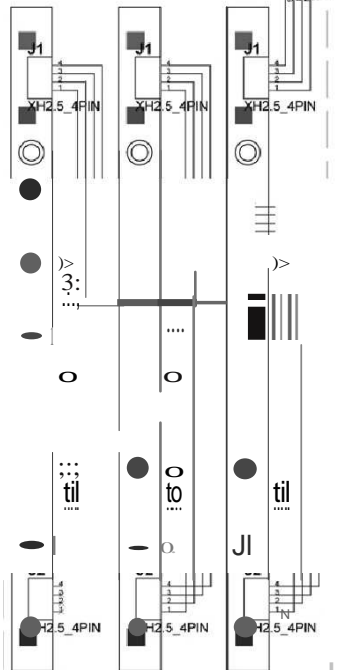
W
S

AM-2010-A4

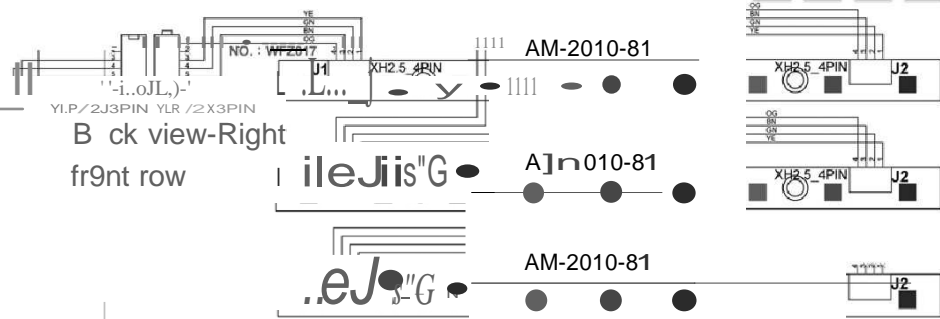
NO. WIZ013

J
VH3.00 10PIN

Back view-Left
front row



©
©
©

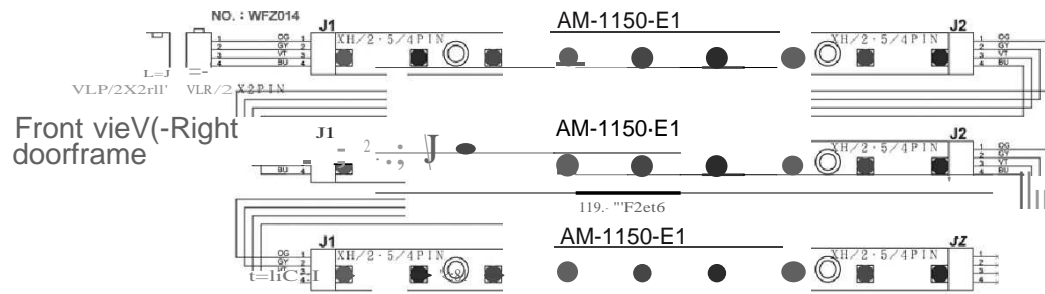


Back view-Right
front row

AM-2010-81

AM-2010-81

AM-2010-81

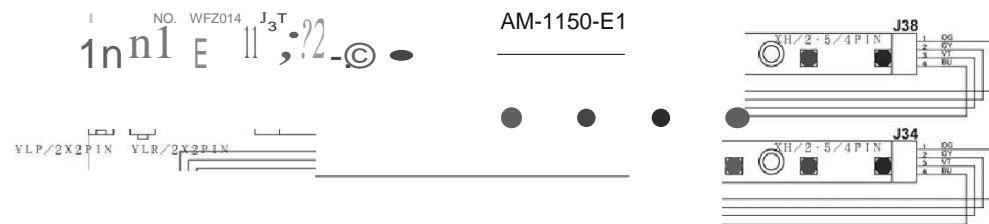


Front view-Right
doorframe

AM-1150-E1

AM-1150-E1

AM-1150-E1



Front view-Left
doorframe

AM-1150-E1

AM-1150-E1

AM-1150-E1

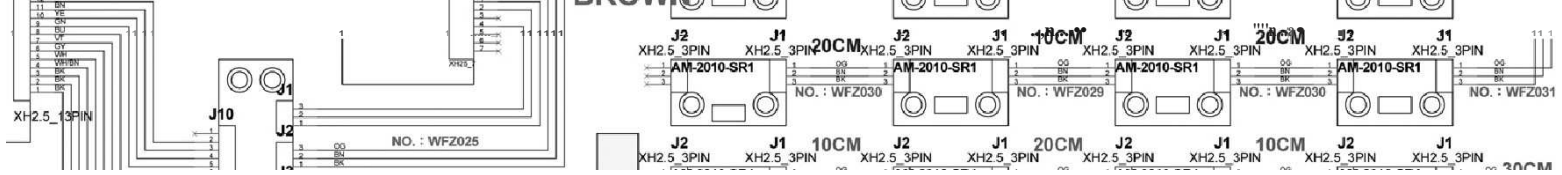
XH2.5/4PIN

ZZ

AM-201

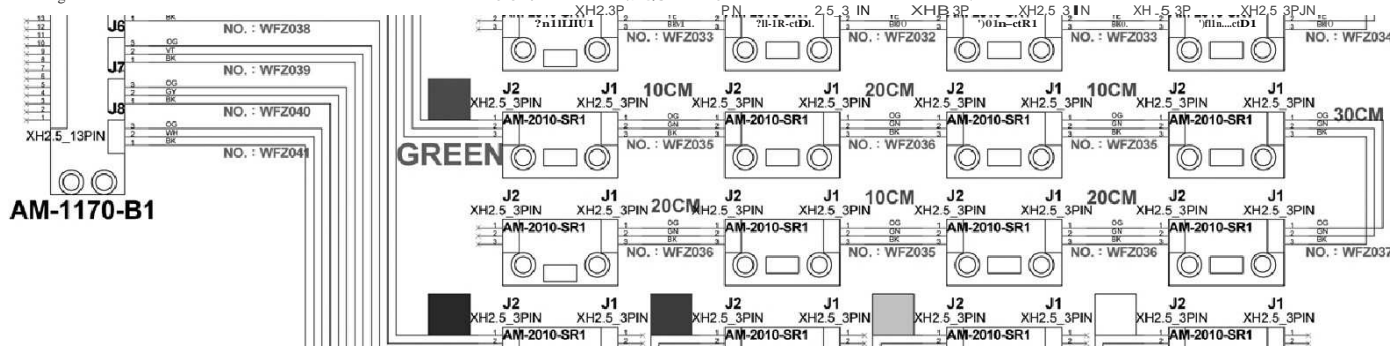
No.: wFzo24

IHfo.=WFzofl



YELLOW

XH2.5_13PIN



GREEN

AM-1170-B1

faoard

suLE'tbo2g oçfro roçf



X

X



W

Navigation icons including a search icon, a list icon, a refresh icon, and a zoom icon. A vertical blue bar is on the right side.

z < ■

1

tl.l

