

Game On Basketball / Go Go Basketball

MANUAL



Warning

- ✧ Please read the manual before installation and use.
- ✧ Please put the manual together with the machine.



ACE AMUSEMENT

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RE: This manual is used for both of our Game On Basketball & Go Go Basketball machines. It's made an example by our "Game On Basketball" Machine.

Introduction

I. Company Profile

Thank you for choosing the amusement machine produced by our company. We are a comprehensive enterprise integrating development, production, sales, operation and services. "Quality first, users first, services first" is our solemn promise to customers and our action guide.

Please carefully read the manual for correct, appropriate and safe use of the machine. We hope it can help you to succeed!

II. Introduction to the Product:

Game On Basketball is an indoor basketball redemption machine newly developed by our company and especially designed for any FEC or amusement locations. It is novel and beautiful in appearance, safe and reliable, and easy to operate, so it is the most valuable amusement product with a higher coin collecting rate in amusement center.

III. Features of the Product:

- ✧ Novel gameplay full of fun;
- ✧ Elegant appearance, bright-colored and exquisite patterns, made of MDF, plywood, angle iron and metal plate, safe and durable due to rust-proof treatment;
- ✧ Large-scale integrated circuit, built-in program, stable and reliable working performance;
- ✧ Sophisticated and adjustable game program and win ratio.

IV. Note on Safety:

Before use, please note the safety warning stickers on the machine; while reading the manual, please pay special attention to some signs. We divide the safety warnings into 3 categories as follows. They mean different levels of danger.

- **Danger** It means there will be danger of harm to people due to improper operation.
- **Warning** It means there will be possibility of harm to people due to improper operation.
- **Attention** It means there will be possibility of harm to people or the machine due to improper operation.

Please pay attention to the following signs on the machine:

High temperature sign	High temperature sign
	
No touching sign	
	

Specifications and Technical Parameters



1) Operating Voltage: AC 220V - 240V, 50/60 Hz or AC110V $\pm$ 5%, 50/60 Hz

2) Game On Basketball Power: 500W Go Go Basketball Power: 500W

3) Game On Basketball Dimensions: W103 $\times$ D245 $\times$ H 280 (cm)

Go Go Basketball Dimensions: W156 $\times$ D192 $\times$ H 234 (cm)

4) Game On Basketball N.W: 400Kgs Go Go Basketball N.W: 380Kgs

5) Operating Environment: Temperature (indoors): 0°C $\sim$ 35°C;

Humidity: $\leq$ 90%;

Atmospheric pressure: 86Pa $\sim$ 106Pa.

Warning:

After turning off the machine, please wait 1 minute if you want to turn it on again.

Attention:

The above technical parameters are subject to change without prior notice.

Note:

Please refer to the nameplate at the back of game for the voltage of your unit.

Accessory list

For the normal use of the machine, please open the package and carefully check whether the following items are included.

The accessory list is below:

No.	Name	No. /Specification	QTY	Unit	Picture	Remark
1	Cable	10A/250V-3M	1	Pc		
2	Fuse	Φ5×20mm T5A 250VAC	1	Pc		
3	Basketball	#5	5	Pc		
4	Pump Pin		1	Pc		
5	Installation Screws		1	Set		
6	Manual	English	1	Pc		
7	Key	AA33	2	Pc		
8	Key	AA32	2	Pc		

Please open the package and check whether all accessories are included. If not, please contact the distributor of the machine for check.

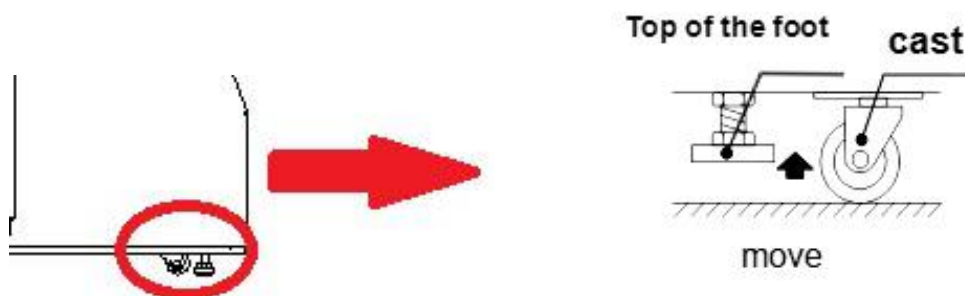


Attention: The above technical parameters are subject to change without prior notice.

How to Move and Position the Machine

How to Move the Machine

There are trundles under the machine. When moving the machine for a short distance, you should raise foot to make the trundles touch the ground and push the machine. As there will be danger of overturning when the foot hits obstacle on the ground, you should move the foot up as much as you can and pay attention to obstacles ahead and uneven places when moving the machine along the ground.



When moving the machine for a short distance, you should raise the foot to make the trundles touch the ground and push the machine.

When you move the machine and pass uneven places or place with steps, 4 people or more are needed to lift the machine for safety.



ATTENTION

Please unplug the power socket before moving to prevent accidents and failure.

Please do not damage the cable when moving to prevent accidents and failure.

Please move the machine before raising the foot margin as much as you can to prevent accidents and failure.

The machine shall be moved by at least two people to prevent injury caused by the accident.

Installation and Maintenance

Installation and commissioning

- Please check the accessory list to assemble components before installation;
- The ground must be flat and solid. After placing the machine, adjust the feet to the ground and horizontally fix it;
- After installation, plug the cable and turn on the machine to check whether each part runs well. If no, immediately turn off the machine for troubleshooting.

Visual inspection

To safely use the machine, please check the following before startup:

- Whether the warning sign is intact, visible and stuck correctly.
- Whether parameters of power supply are consistent with the machine's.
- Whether screws of each component and components of the steering wheel are loose.
- Whether the connectors and terminals are loose.
- Whether the machine is placed stably; whether the adjustment of the trundle and the top foot is proper.
- Whether the machine is placed properly.

Operation inspection

- Whether the speaker works normally.
- Whether the daylight lamp and the button light are on.
- Whether the image is clear and normal.

Maintenance

- Before operation, confirm the machine runs normally and then use it;
- When there is dirt on the machine, wipe it with a soft cotton cloth with detergent;
- After the new machine has been used for one month, check whether each part runs normally;
- Often check the machine.

Cleaning

- Housing
Clean dirt on the surface of the machine with clean and soft cotton cloth.
- Display

Clean the outside of the display with clean and soft water; anything with acid is forbidden to touch the surface of the display. Display screen with no

➤ Exhaust fan

The exhaust fan is one of the main tools of dissipating heat inside the machine. It has to be clean and run normally with unobstructed outlet.



Warning:

- **Cut off the power supply for maintenance and repair of the machine.**

To prevent short circuit, relevant personnel should cut off the power supply when touching internal components of the machine. If the operation requires power supply, it should meet the requirements of the user's manual.

- **Use proper parts for replacement.**

Improper parts may cause short circuit, and damage of the main board and the components.

- **Do not disassemble, assemble and change the equipment by yourself.**

It may cause short circuit and machine failure, and even fire disaster.

Do not place vases, cups, containers with water, chemicals or heavy objects on the machine.

The spilt liquid may cause short circuit and damage of parts. Meanwhile, falling objects may injure people and damage the machine.

- **Do not place objects in the air outlet of the machine.**
- The blocked air outlet may cause temperature rise inside the machine, affect the normal operation of the game, and even damage the parts.
- **Do not repair the machine by yourself.**

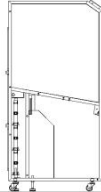
It may cause short circuit or malfunction and other failure.

Installation and Maintenance

Please prepare the following disassembly tools before installation

Serial No.	Name	Specifications	Quantity	Attached figure	Remarks
1	Phillips screwdriver		1		
2	Allen driver	2.5mm	1		
3	Allen driver	4mm	1		
4	Allen driver	5mm	1		
5	Wrench	13	1		

Packing list of this machine

No.	Name	Quantity	Illustration or contents
1	Main Frame	1	
2	Console	1	
3	Top Marque	1	
4	Side Plate Rack	1 at the left and right respectively	
5	Right Wing Organic	2	
6	Gate Component	1	

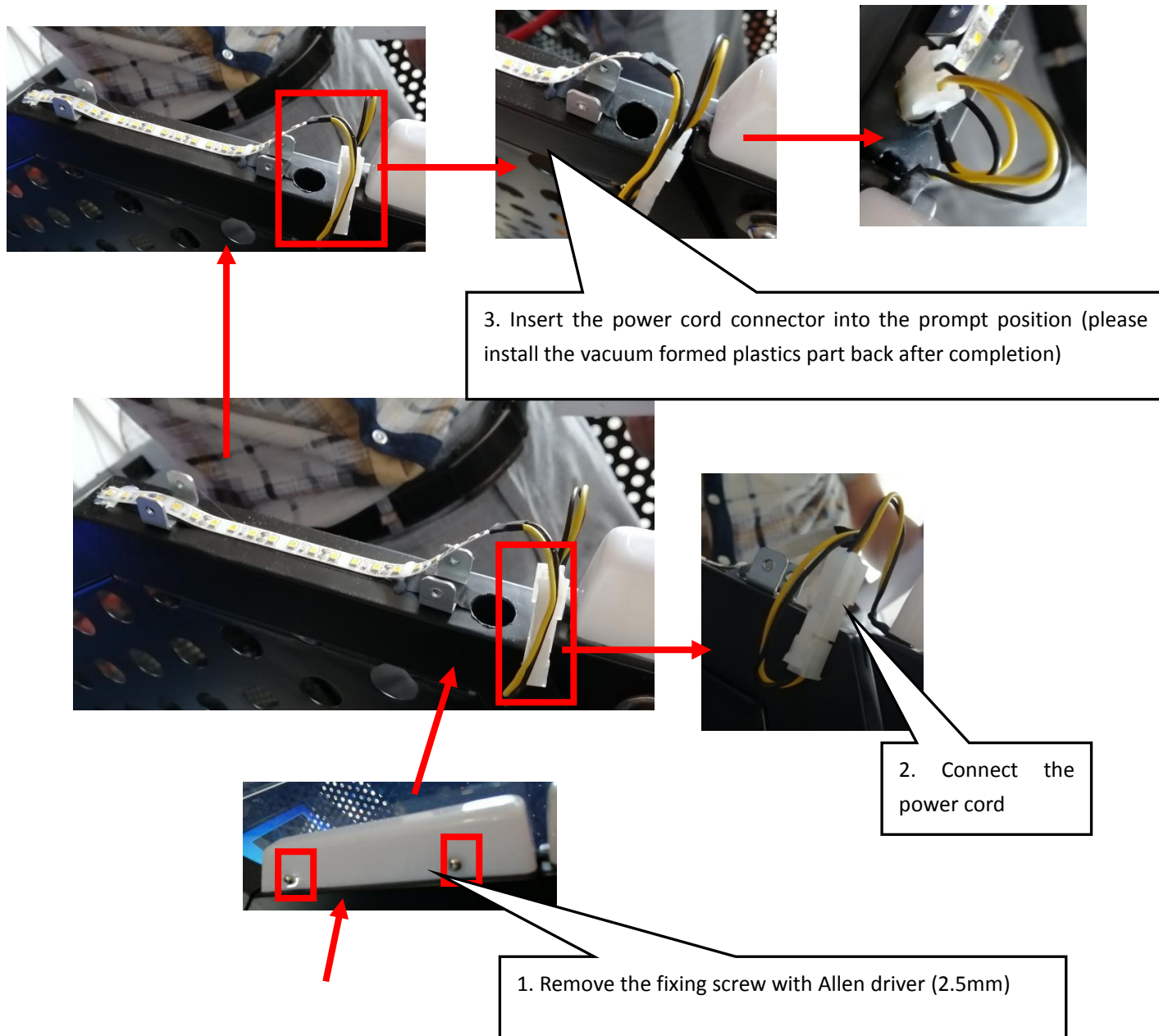
Notice: please prepare 2 long ladders for auxiliary installation. 2 persons are required to coordinate for some installation operations

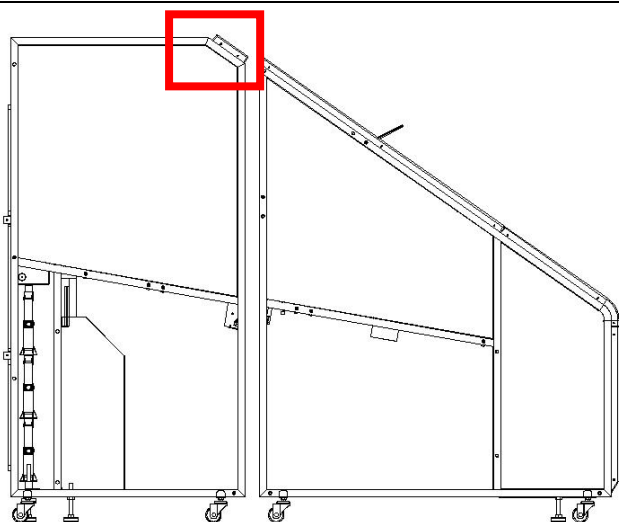
No.	Part name	Specifications	Quantity	Illustration
1	Hexagon socket round-head screw	M6X60	4	
2	Hexagon socket round-head screw	M8X80	4	
3	Hexagon socket round-head screw	M8X45	14	
4	Hexagon socket round-head screw	M8X25	8	
5	Spring washer	M8	16	
6	Spring washer	M6	4	
7	Flat washer	M8	40	
8	Flat washer	M6	4	
9	Retaining nut	M8	14	

Notice: Most of the mounting screws are in the required mounting positions.

Notice: Please check whether the packing and mounting parts are complete after removal

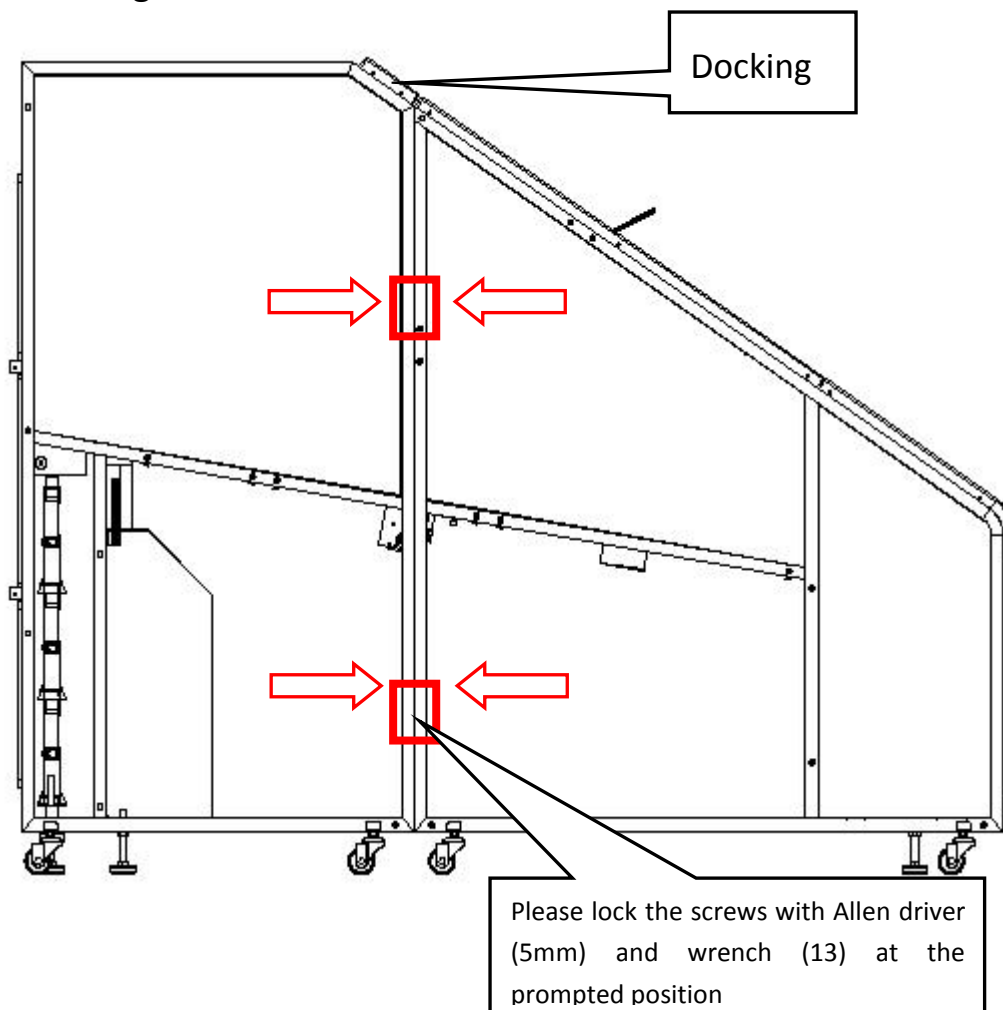
1. Connect the power cord for the frame light bar

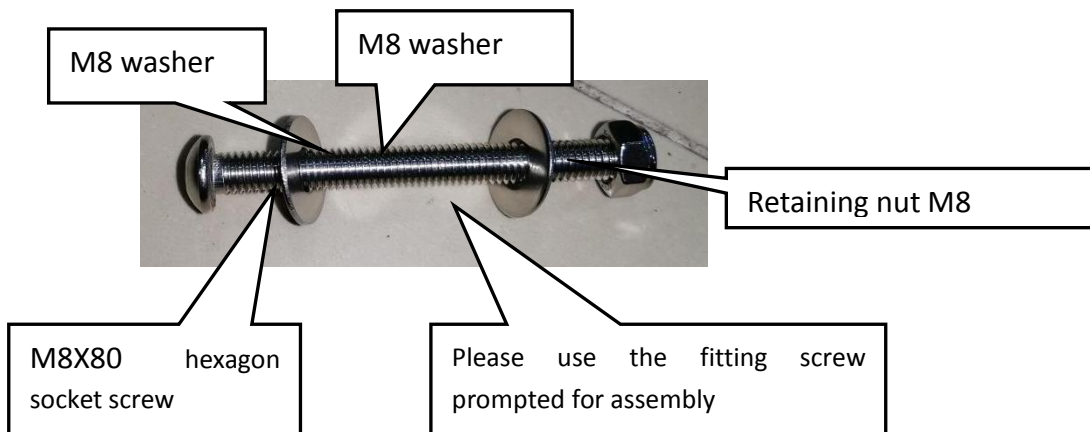




Notice: install the vacuum formed plastics part back after completing Step 3.

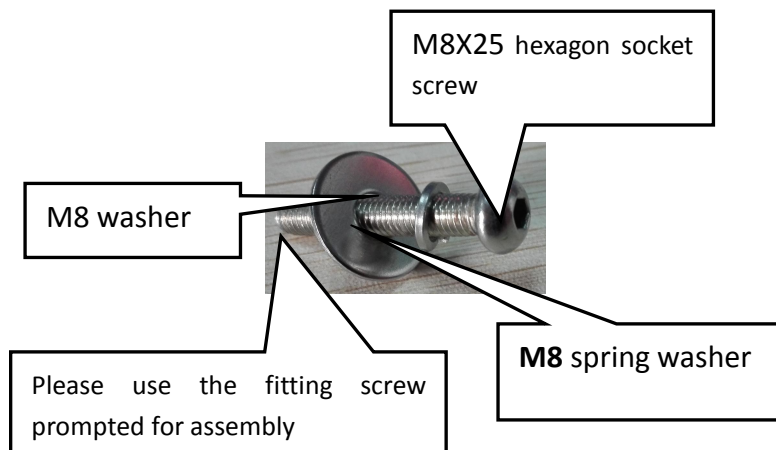
2. Docking of the main frame and the console

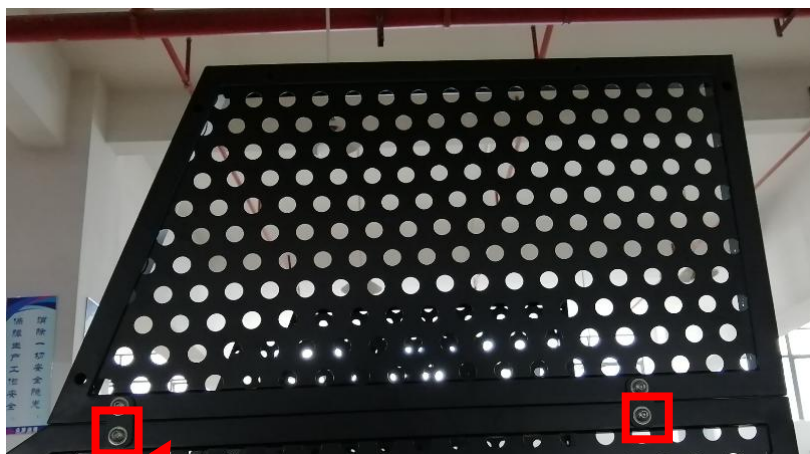




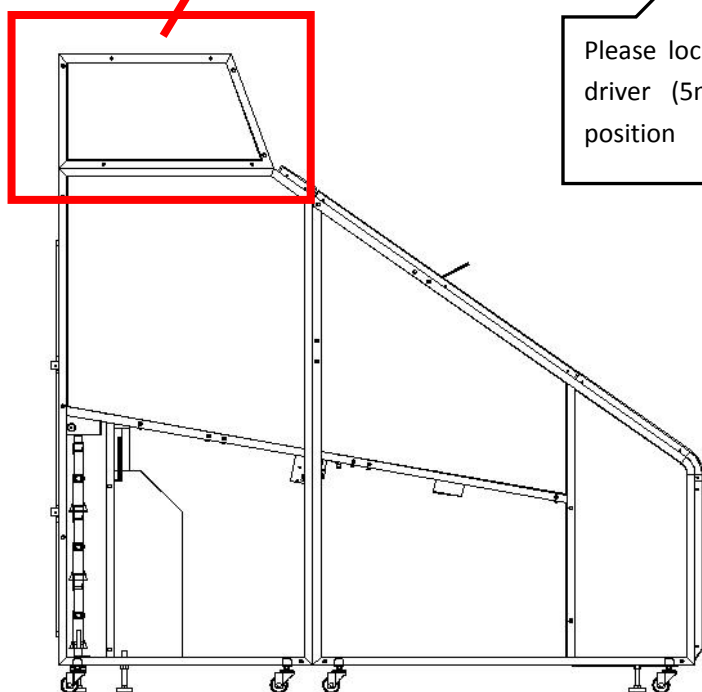
Notice: the method for screw mounting at both sides of the machine is the same.

3. Install the side plate rack on the main frame





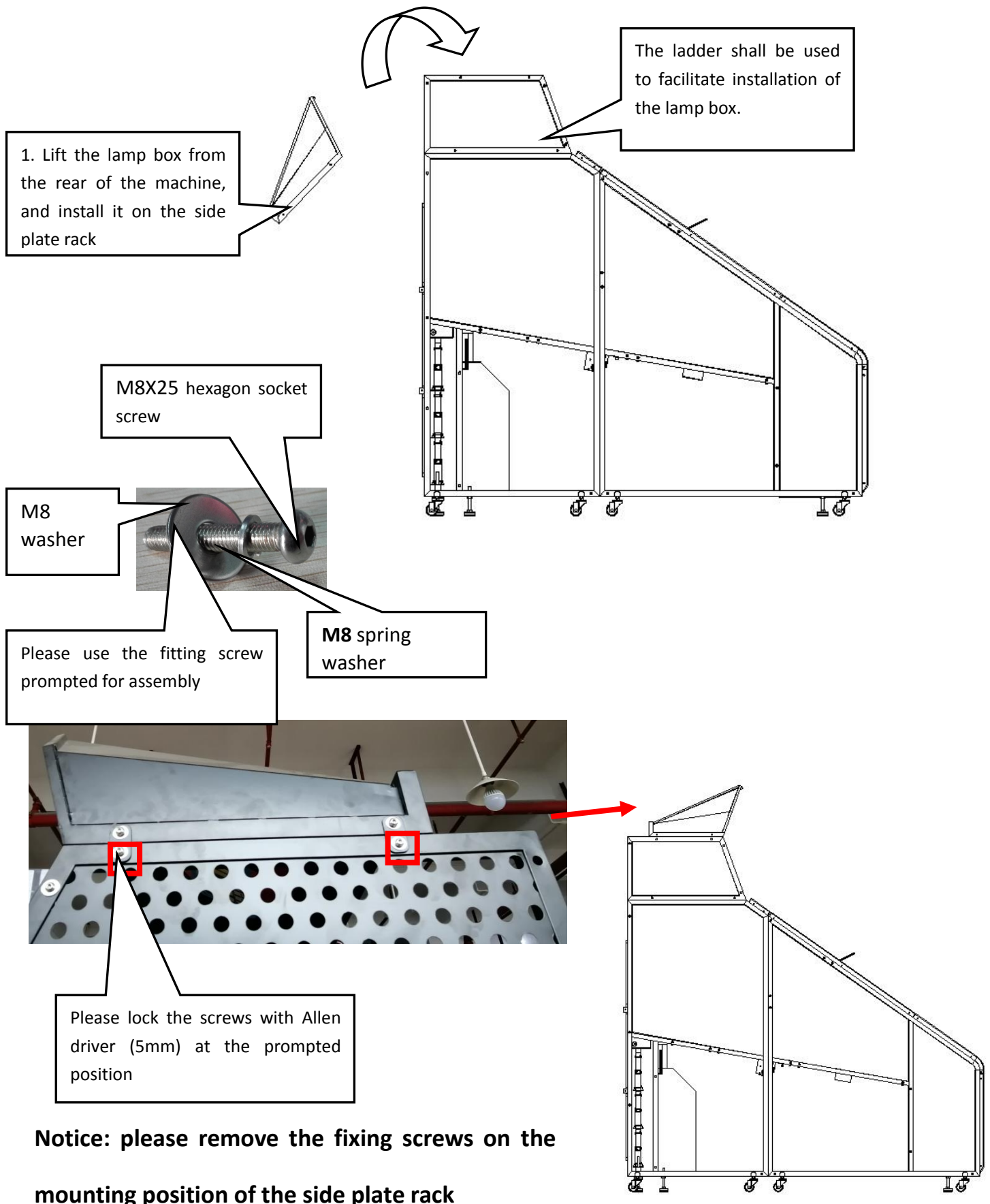
Please lock the screws with Allen driver (5mm) at the prompted position



Notice: the method for installation at both sides of the machine is the same.

Notice: please remove the fixing screws on the mounting position of the main frame

4. Install the lamp box parts on the side plate rack



5. Install the display screen at the corresponding position



1. Please remove the screw of the cover plate with a Phillips screwdriver (3 cover plates shall be removed)



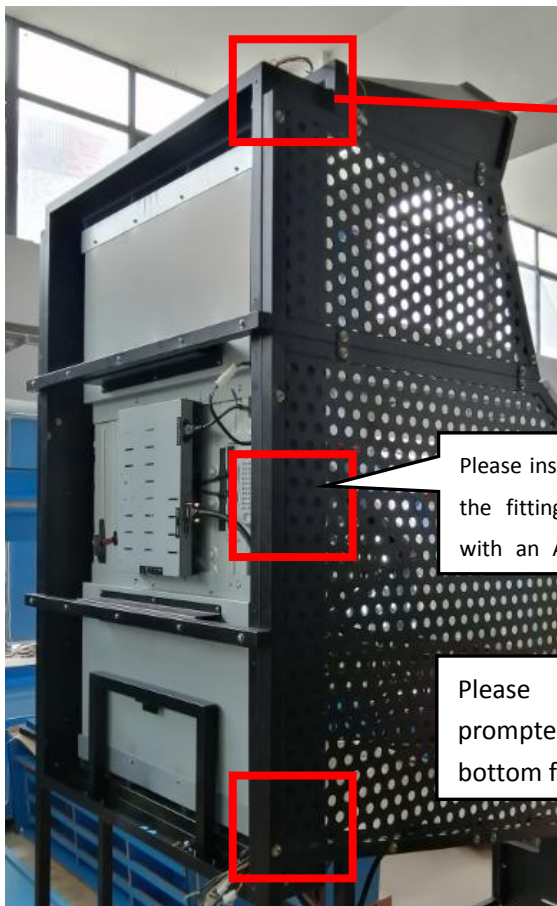
2. Please remove the fixing screws with an Allen driver at the prompted position (those at both sides shall be removed)





Tools
provided

3. After removing the fixing screws, lift the display screen upward, and support the jack with tools provided to the position prompted by the label on the display screen (1 person shall install the fixing screw from the side)



Prompted position for installing
top and bottom fixing screws

The ladder shall be required to
facilitate installation of the top

3. Install the fixing screws removed from the
display screen back

Please install the middle fixing screws with
the fitting screw prompted (lock screws
with an Allen driver (5mm) and wrench

Please use the fitting screw
prompted to install the top and
bottom fixing screws

Retaining nut

M8

M8X45 hexagon
socket screw

M8 washer

M8 spring

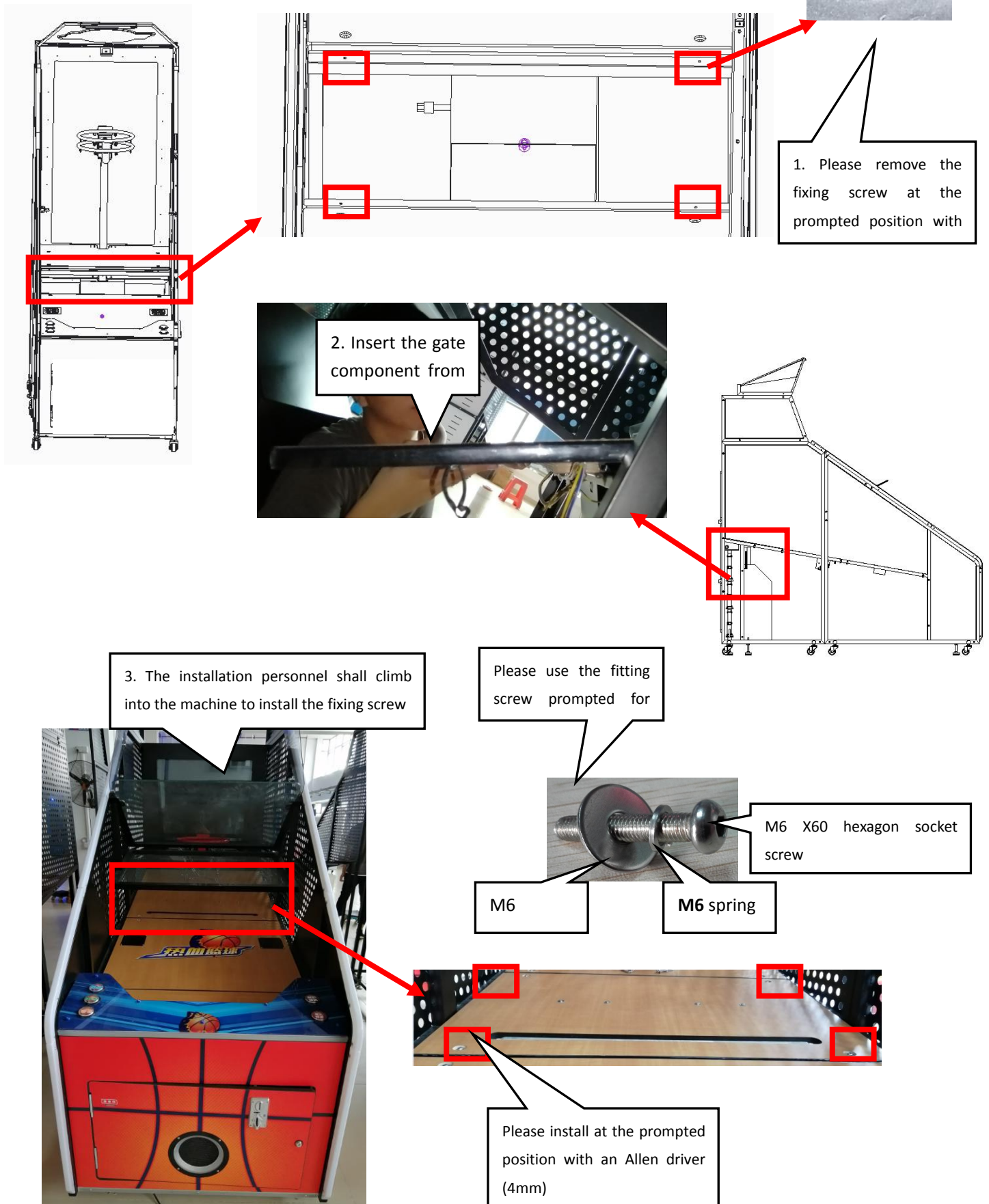
M8X45 hexagon socket screw

Please use the fitting screw
prompted to install the top and
bottom fixing screws

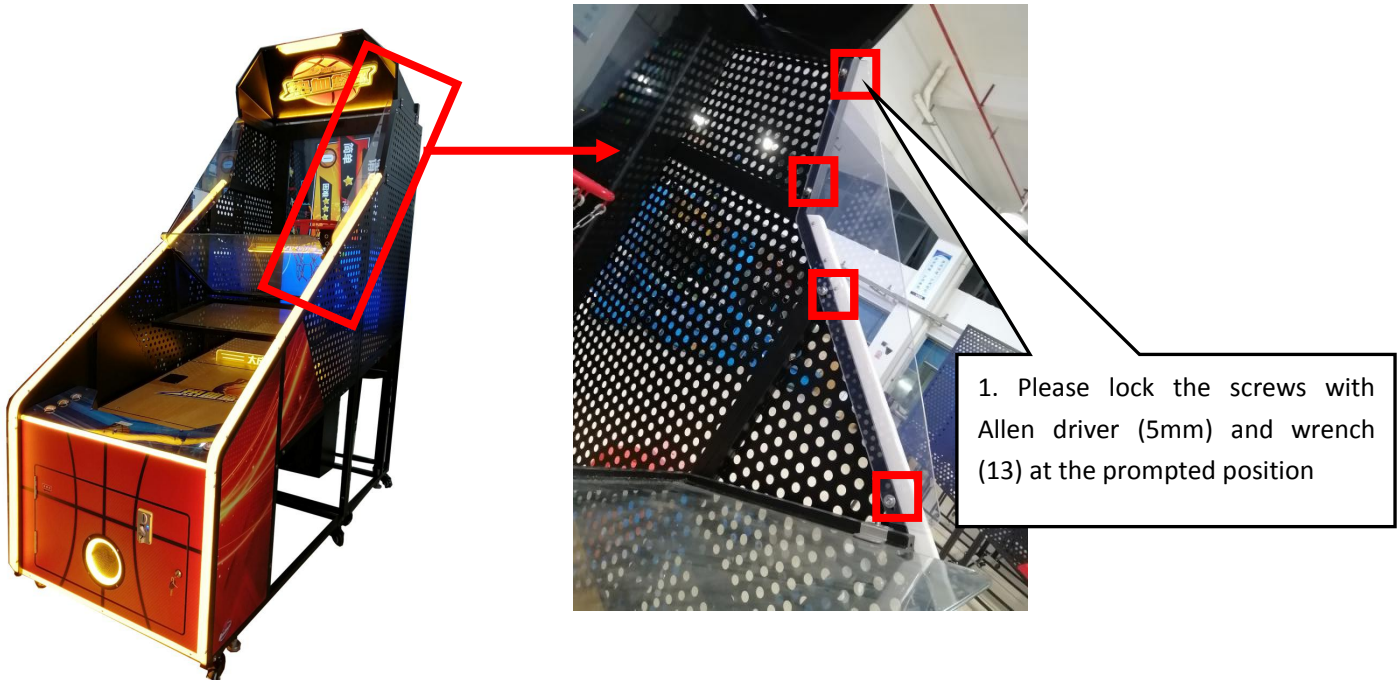
M8 washer

M8 spring washer

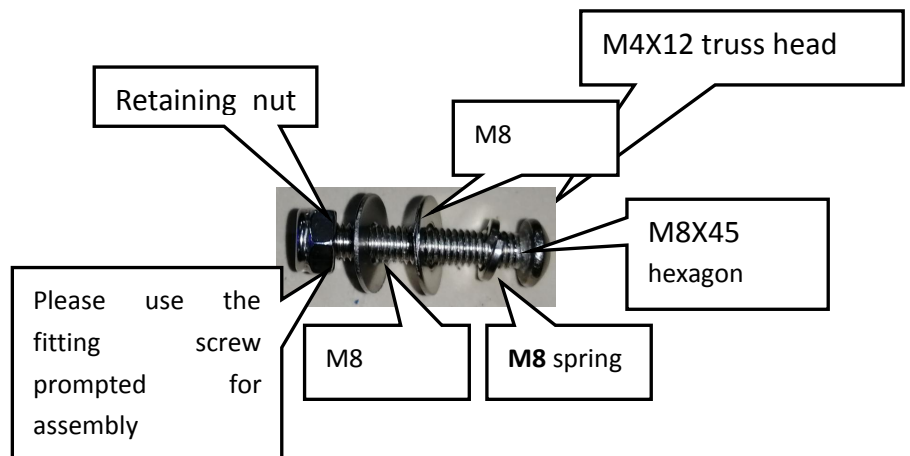
6. Install the gate component on the main frame



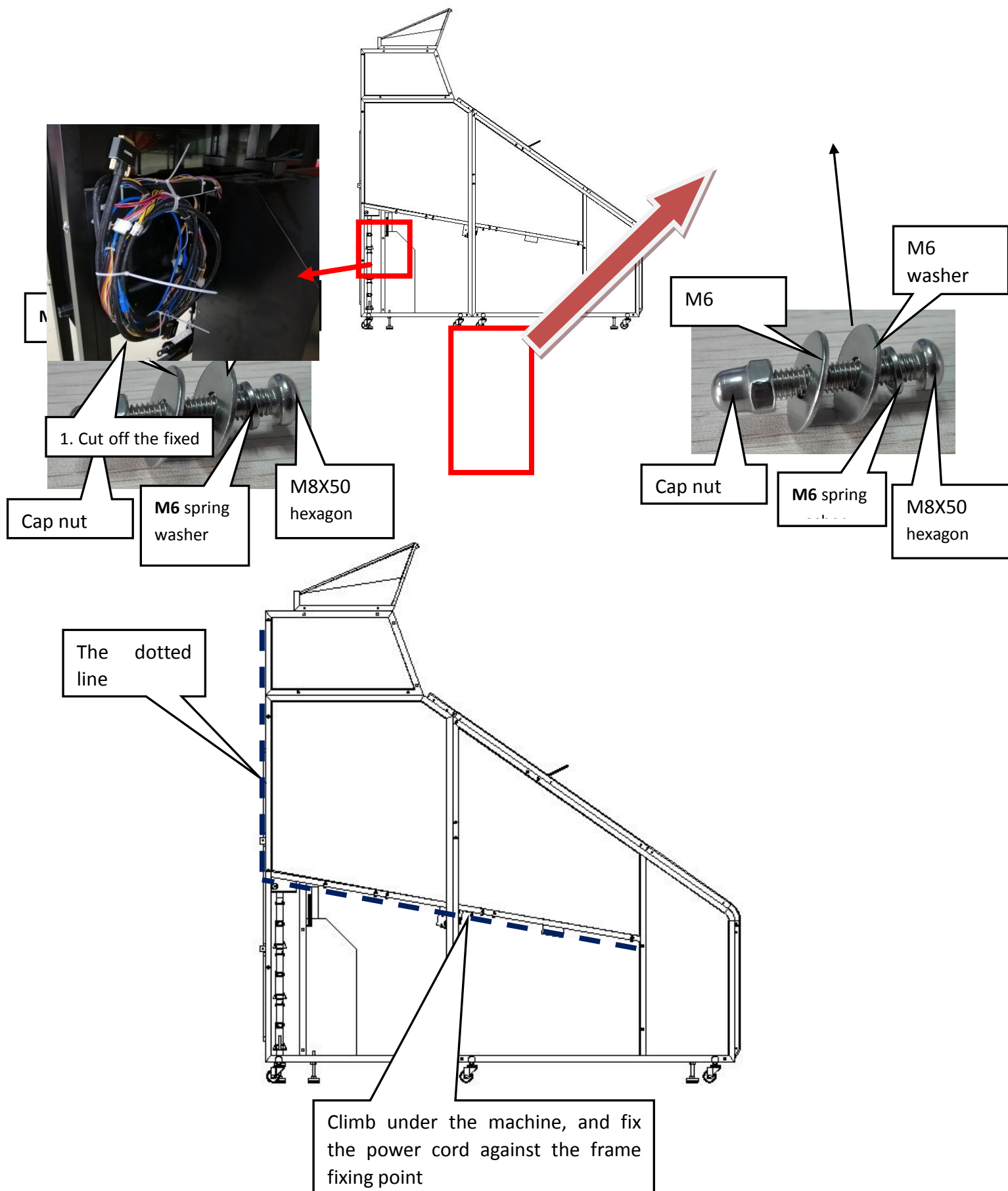
7. Install the right wing organic on the main frame

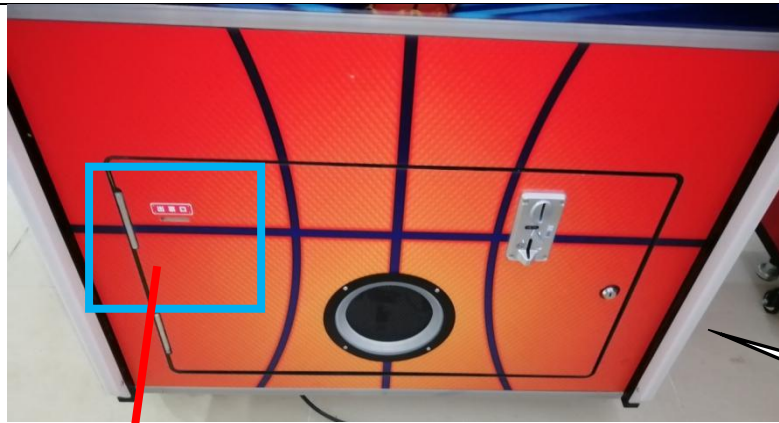


Notice: please remove the fixing screws on the mounting position of the main frame



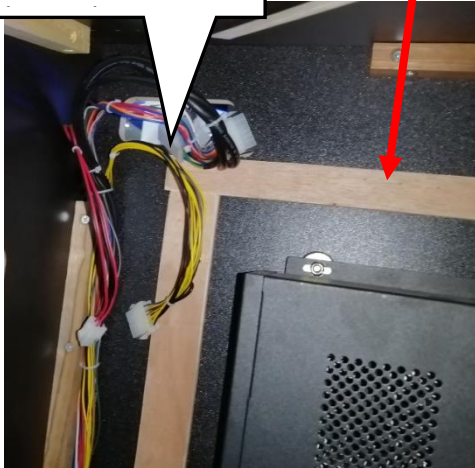
8. Installation method of power cord of the machine



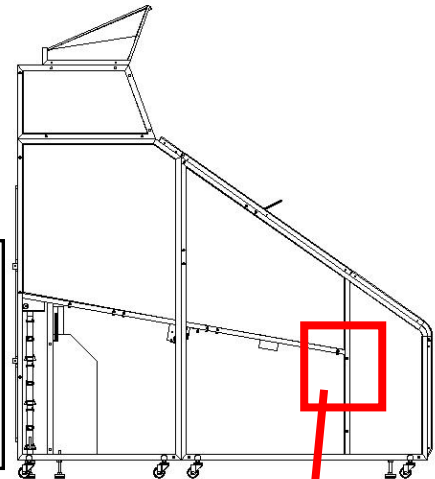


Penetrate the power cord connector through

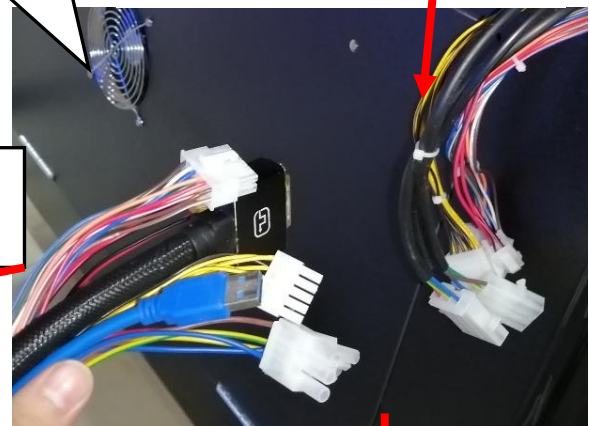
Open the



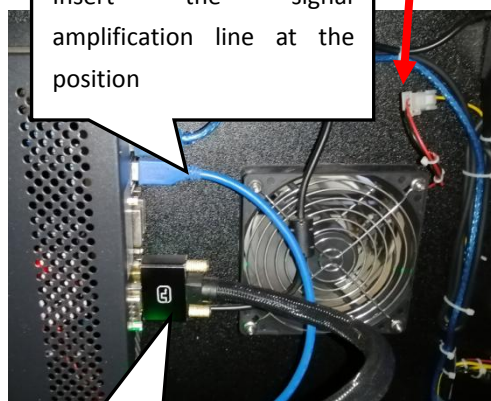
Dock the corresponding plug, and insert it into the console after completion (the DVI cable and the USB signal



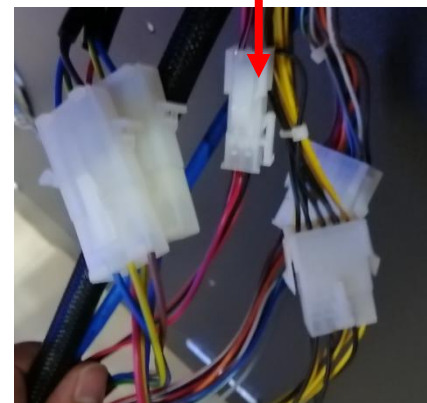
Console inside

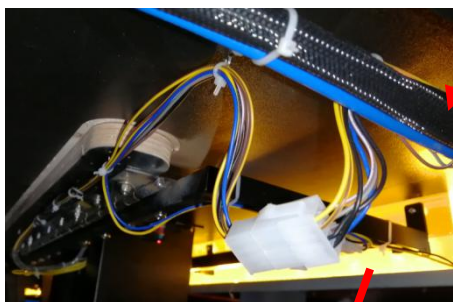
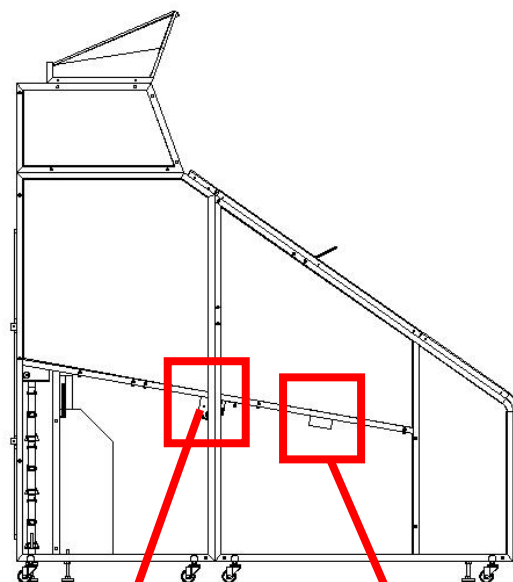


Insert the signal amplification line at the position

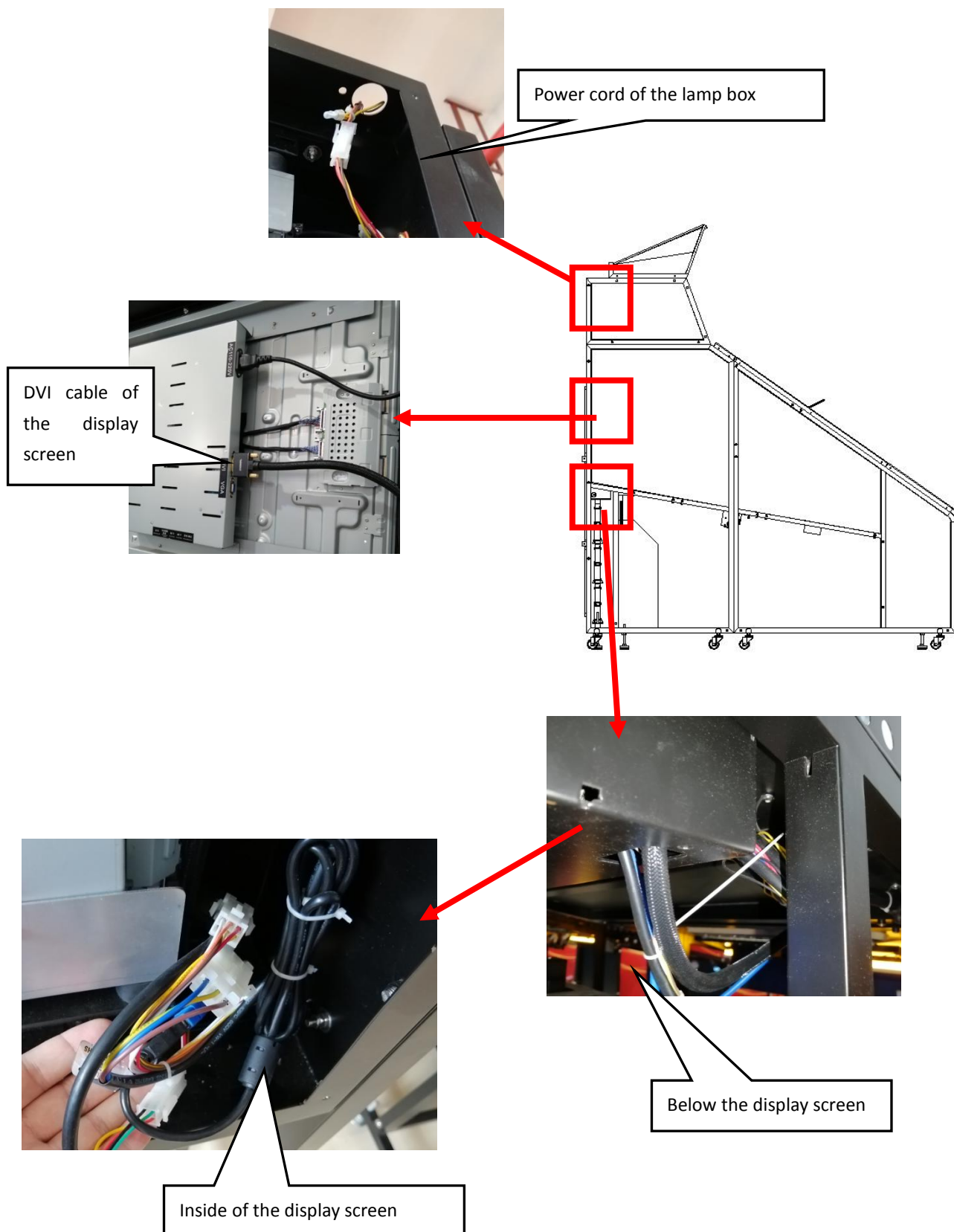


Insert the DVI





Please refer to contents in
the figure to fix the power



Notice: install the cover plate of the display screen back after docking the power cord

Trouble Shooting

Failure phenomenon	Possible failure cause	Countermeasures
The coin cannot be inserted	The coin selector is not well adjusted. There is fake coin stuck in the coin slot.	Adjust the coin selector, and make minute adjustment of the resistance for coil tolerance. Take out the stuck fake coin.
The lottery ticket is not drawn.	12V voltage is not input for the lottery machine. The driving or ticket canceling signal wire of the lottery machine is loose. The ticket press roller is not lowered to press the lottery ticket. Failure of the driving or ticket canceling port of the lottery machine of the motherboard. Lottery ticket drawing is not designed for the motherboard.	Check the output voltage and circuit of the power box. Check voltage changes and lines of the driving and ticket canceling signal. Lower the ticket press roller, and press the ticket. Replace the motherboard. Set the ticket drawing mode as lottery ticket drawing.
There is no music at the machine.	The volume is adjusted too low. The sound output signal cable is broken. Horn failure. Failure of the sound power amplifier Failure of the circuit board. Whether the audio connecting socket is loose or damaged. Whether the speaker is connected.	Turn up the volume. Connect the line. Replace the horn. Replace the motherboard. Replace the circuit. Reconnect audio. Turn on the speaker switch to power on.
The machine has no action	No power input to the machine. The power switch is not turned on. The power fuse is burnt out. The power box has no voltage output. The motherboard has no power supply voltage. Failure of the motherboard.	Turn on the power supply switch, and insert the power cord plug. Turn on the power switch. Eliminate short circuit, and replace with new fuse. Replace the power box. Connect the connecting line of the host power supply. Replace the motherboard.
Goal is not scored	The infrared connecting line is disconnected. Infrared failure.	Connect the line. Replace infrared.

VIII. Game instructions

8-1 Instructions for game playing

1. Insert the coin, select the game mode and game difficulty, and start the game.
2. Pick up a basketball, and throw it into the basketball hoop. Score if the ball is thrown into the hoop.
3. Within the time specified in the game, the higher the score, the more lottery tickets will be drawn!

8-2 Operation interface



8-3 Control signal and description

1. Check the attached IO table and schematic diagram, and all wiring positions corresponding to machine input and output can be obtained from the motherboard plane view.
2. For DIP adjustment, refer to IO table. Those in uppercase are factory settings. The user can make adjustment according to the operation situation.
2. Schematic plan of the motherboard:



The above description will be changed without notice. Please understand it!

8-4 Instructions for use and maintenance

1. The power supply must be turned off during maintenance of the machine.

In order to avoid short circuit, the power supply must be turned off before the related personnel touch the inner components of the machine.

If this operation requires the power supply to be turned on, it must meet requirements of the operating instructions.

2. When replacing the devecos, confirm to select the suitable accessories.

Using incorrect accessories may lead to short circuit of the electrical appliance and damage to the motherboard and components.

3. Do not remove, assemble or change the equipment at discretion.

This may lead to short circuit of the electrical appliance, mechanical failure, etc., or a fire in severe cases.

4. Do not place vases, cups, containers, etc. filled with water, chemicals or heavy objects on the machine.

The spilled liquid will cause short circuit of the electrical appliance or damage to the components. Meanwhile, object falling from high altitude will harm the human body, and damage the machine.

5. Do not place any object at the air outlet of the machine.

Blocking the air outlet will cause the internal temperature of the machine to rise, affect the normal progress of the game, and even damage the components.

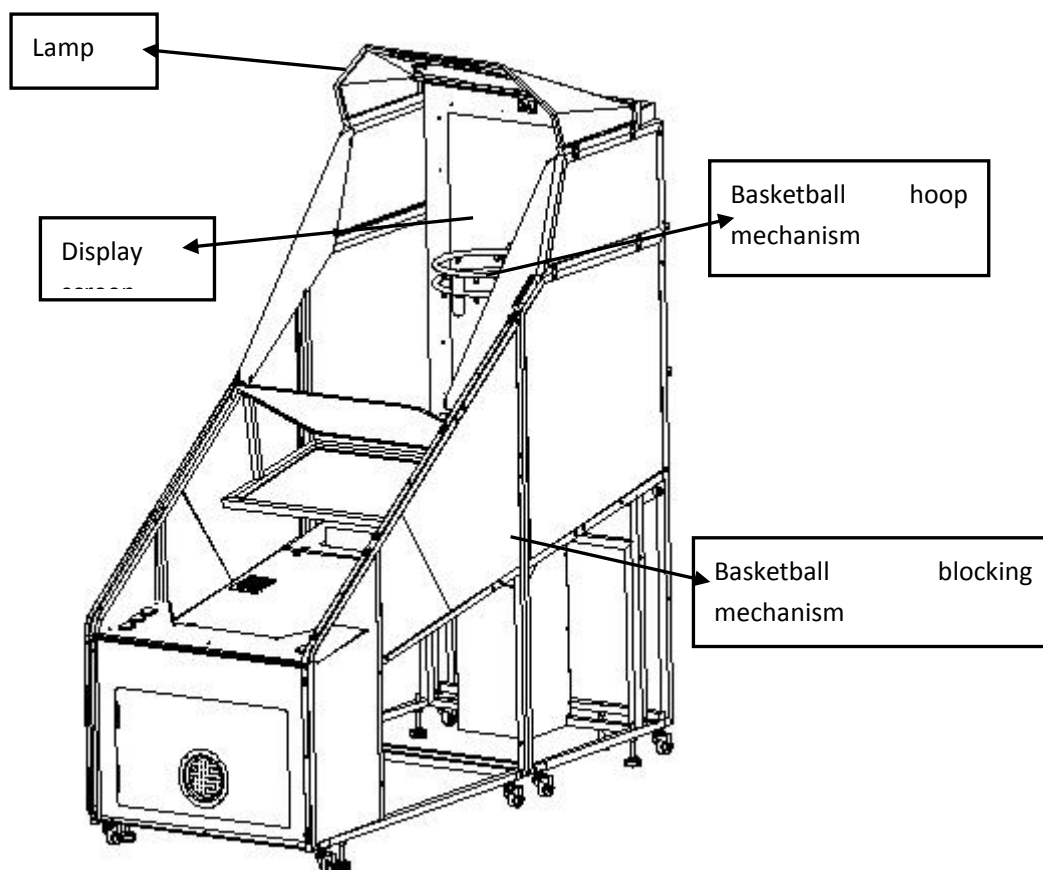
6. Non-maintenance personnel cannot repair the machine at will.

This may cause malfunctions, such as short circuit or operation out of control.

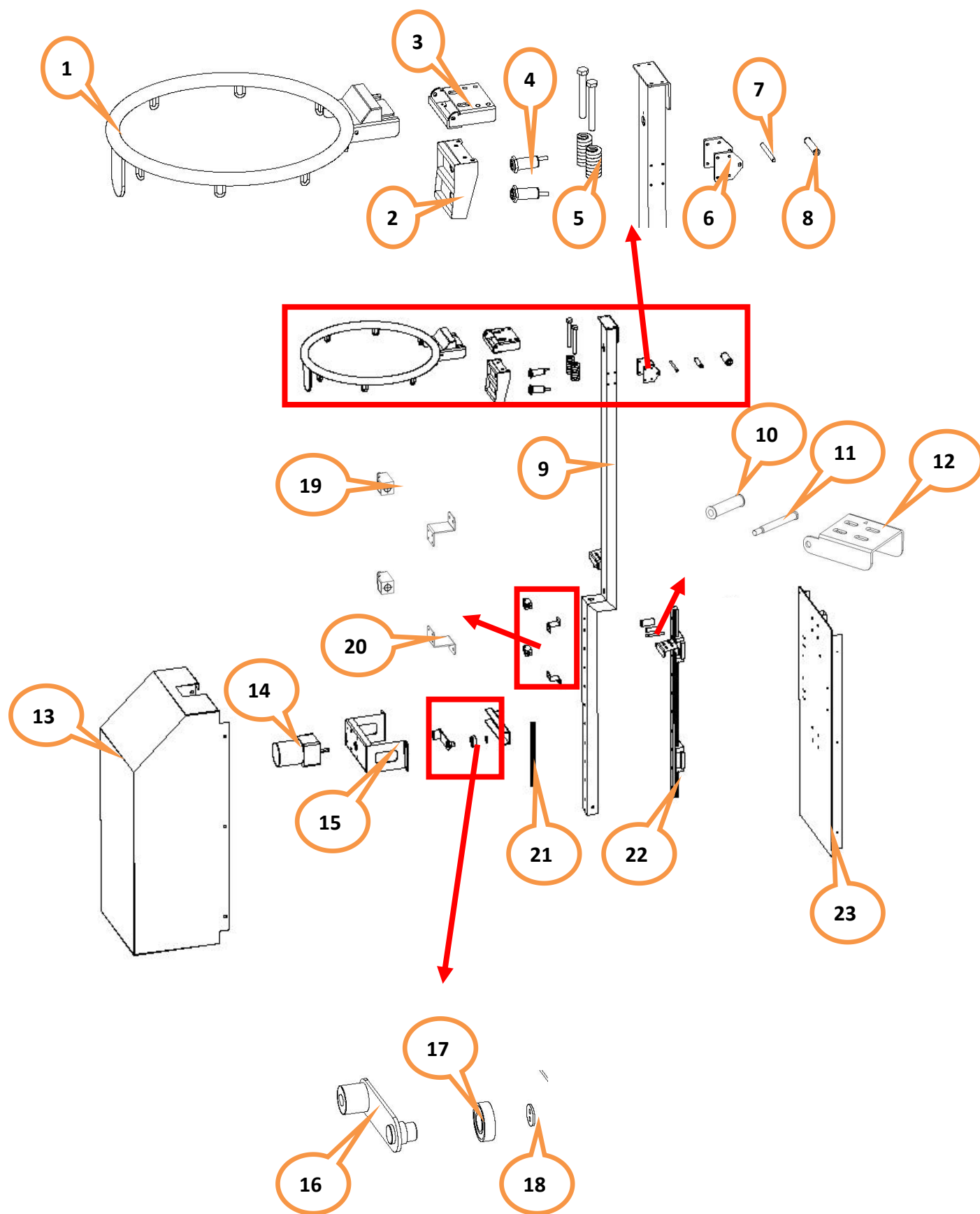
Part details

9-1 Mechanism part

General assembly

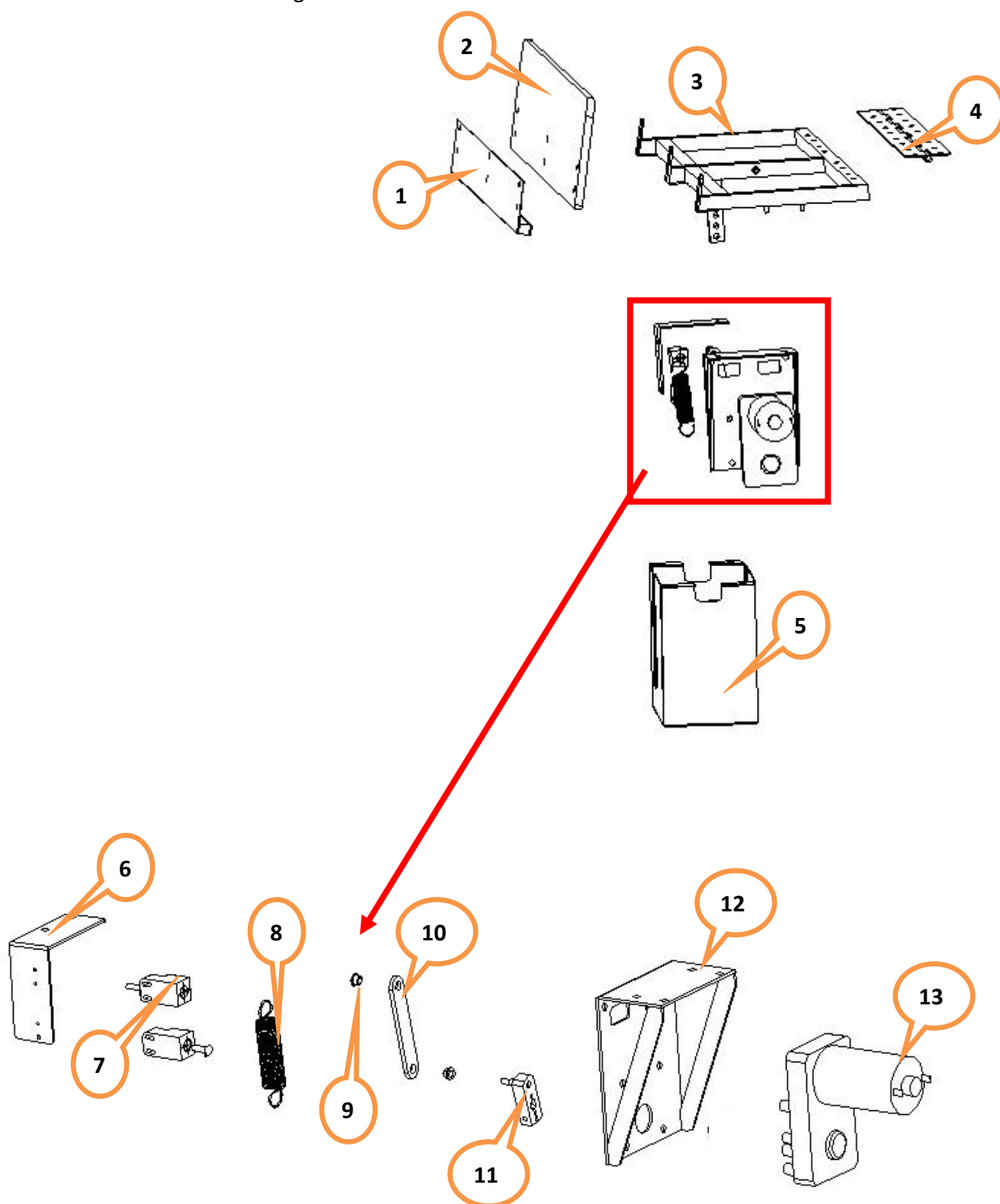


Basketball hoop mechanism



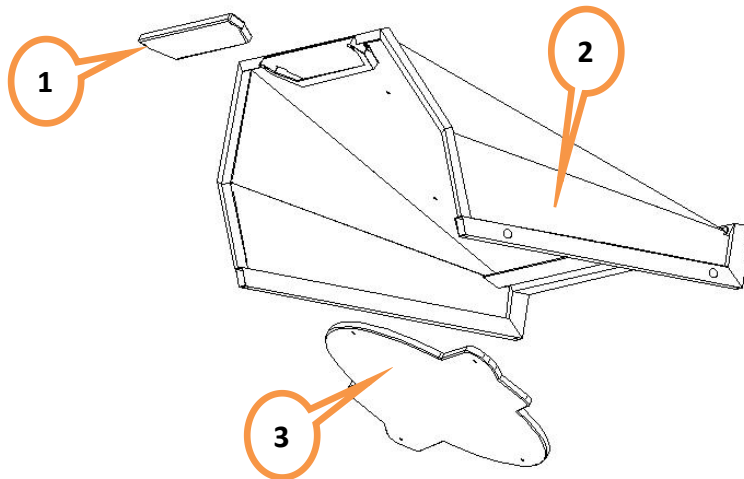
Serial No.	Name	Specifications or material	Quantity
1	Basketball hoop	Q235	1
2	Basketball stand	Q235	1
3	Basketball hoop base	Q235	1
4	Diffused reflection infrared	KL-GN18-3F2N1	2
5	Spring	Green	2
6	Basketball hoop column pulley plate A	Q235	2
7	Basketball hoop column pulley shaft A	Q235	1
8	Basketball hoop column pulley A	Polyurethane	1
9	Basketball hoop column	Q235	1
10	Column pulley B	Polyurethane	2
11	Basketball hoop column pulley shaft B	Q235	2
12	Pulley bracket	Electrolysis plate	1 at the left and right respectively
13	Lifting motor cover	Q235	1
14	Motor	NY70-15 70JB150G10	1
15	Basketball hoop motor frame	Q235	1
16	Basketball hoop crank	Q235	1
17	Bearing		1
18	Bearing retaining ring	Electrolysis plate	1
19	Metal proximity switch	TX-SN5C	2
20	Lift switch frame		2
21	Counterweight spring	60Mn	1
22	Slide rail and sliding block		1
23	Lifting frame	Q235	1

Basketball blocking mechanism



Serial No.	Name	Specifications or material	Quantity
1	Gate light bar frame	Electrolysis plate	1
2	Organic gate	8mm transparent organic film	1
3	Gate bracket	Q235	1
4	Hinge	2寸 2"	1
5	Gate motor housing	Electrolysis plate	1
6	Gate switch bracket	Electrolysis plate	1
7	Metal proximity switch	TX-SN5C	2
8	Gate spring	60Mn	1
9	Ball gate shaft sleeve	Brass	2
10	Ball gate connecting rod	Stainless steel 201	1
11	Ball gate crank	Q235	1
12	Ball gate motor frame	Q235	1
13	7-like motor	DC12V 35RPM short shaft	1

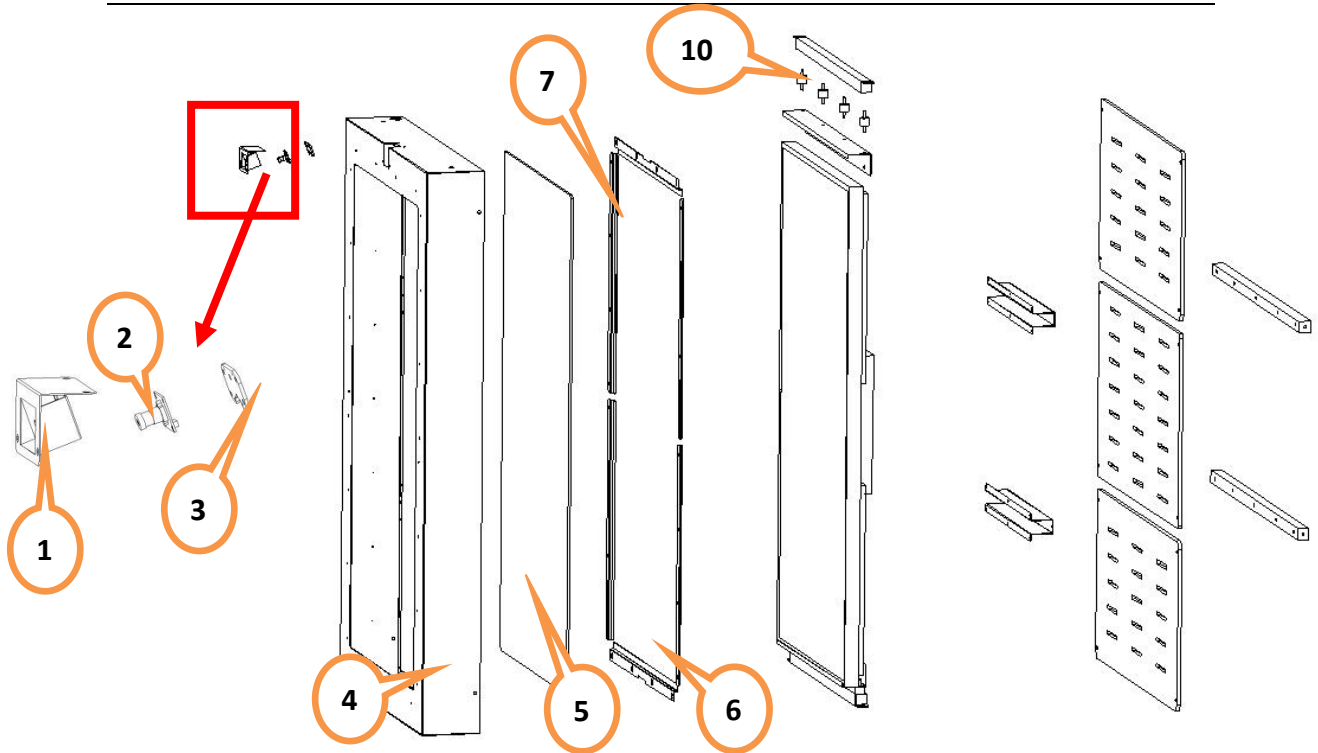
Lamp box component



Serial No.	Name	Specifications or material	Quantity
1	Lamp box organic	Wax gourd white	1
2	Lamp box frame	Q235	1
3	Lamp box image organic	12mm transparent organic film	1

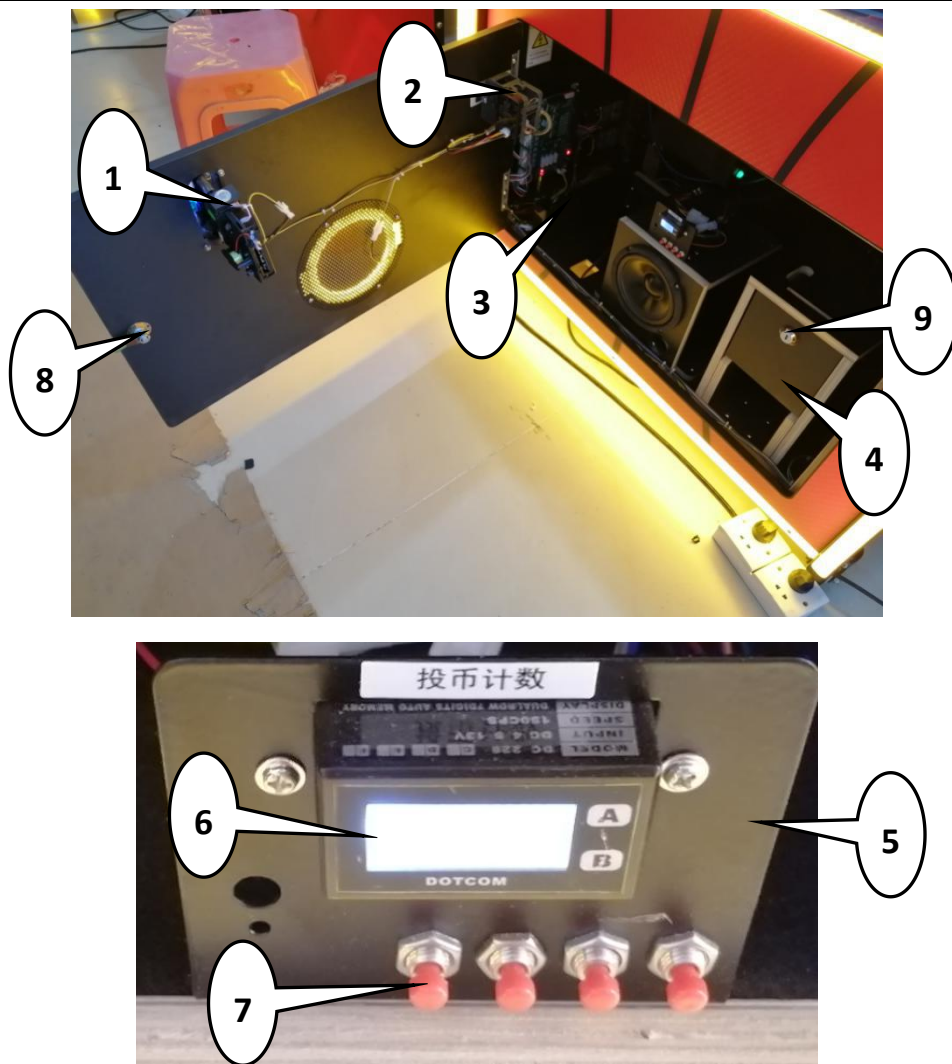
Display screen component

11



Serial No.	Name	Specifications or material	Quantity
1	Camera shell	Q235	1
2	500W camera		1
3	Camera mounting piece	3mm transparent organic piece	1
4	Monitor frame	Q235	1
5	Monitor glass	6mm toughened glass	1
6	Glass clamp plate A	Electrolysis plate	2
7	Glass clamp plate B	Electrolysis plate	4
8	Monitor	60"	1
9	Display screen buckle	Electrolysis plate	2
10	Damping screw		8
11	Damping base	Q235	2
12	Display screen crossarm A	Electrolysis plate	2
13	Upper cover of the display frame	10mm medium-density fiberboard	2
14	Middle cover of the display frame	10mm medium-density fiberboard	1
15	Display crossarm B	Q235	2

9-2 Coil inserting components

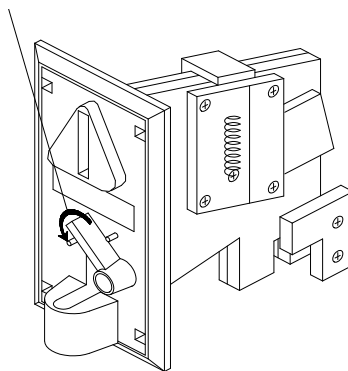


Serial No.	Name	Specifications or material	Quantity
1	Coin selector	TL131	1
2	Ticket dispenser	TL-001	1
3	Lottery ticket box	White plastic	1
4	Coin box	Iron	1
5	Counter bracket	Electrolysis plate	1
6	Electronic counter	HS-CT-DC-228	1
7	Small button		4
8	Door lock		1
9	Coin box lock		1

9-3 Instructions for the coin selector

If any coin is stuck in the coin selector, pull the button as shown in the figure, and the

coil will quit. If the coil cannot quit still, the coin selector shall be disassembled to take out the coin.



Instructions for use of the electronic comparison coin selector

- A. Please remove the plastic coin in the coin holder first, and replace it with the coin to be used.
- B. Loosen the screw on the back of the coin slot, and adjust the fixing piece on the back of the coin slot according to the diameter of the coin to be used, so as to avoid inserting the coin with too large diameter by mistake.
- C. To meet demands of the game machine plate, select switching between N.O (normally open) and N.C (normally closed); Except for Big Marie and the special game machines marked, N.O (normally open) is used generally.
- D. To meet demands of the game machine plate, select TIMER SWITCH with COIN number long-short/quick-slow: 30MS is the short-quick signal, applicable to Big Marie and other machines requiring quick insertion. 50ms is medium-quick signal, applicable to general machine (the general machines are switched to this section except for special specifications). 100ms is long-slow signal, applicable to the entertainment machine not requiring quick insertion.
- E. VR knob is used to adjust sensitivity of coin screening. Adjust in the clockwise direction (+), and the range of coin tolerance is larger. Adjust in the counterclockwise direction (-), and the range of coin tolerance is smaller, that is to say, screening is strict.

F. Instructions for wiring:

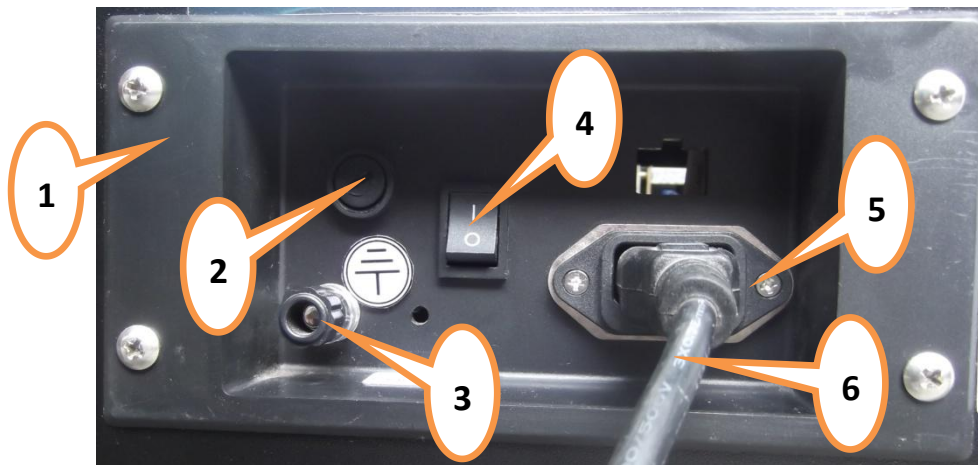
1. Gray line —————
 - Red line-DC+12V
 2. White line-COIN signa
 3. Black line-grounding wire
 4. Gray line —————
- Code table

9-4 Horn components



Serial No.	Name	Specifications or material	Quantity
1	Round full-tone speaker	4" 8Ω15W	2
2	Bass horn	6" 8Ω30W	1

9-5 Fuse and power supply components



Serial No.	Name	Specifications or material	Quantity
1	Wire box		1
2	Fuse tube base	HJMF-527	1
3	Ground wire terminal		1
4	Rocker switch		1
5	Power socket		1
6	Power cord	6.3A	1

9-6 Electrical appliance mounting components.



Serial No.	Name	Specifications or material	Quantity	Unit
1	Ace motherboard	IO.PCB	1	Piece
2	Power amplifier board	XH-A372	1	Piece
3	Fuse board	FUSE_8A.PCB V1.0	1	Piece
4	Fuse	5A	8	Piece
5	MGR relay	10DD	1	Piece
6	MGR relay	10DA	1	Piece
7	Exhaust fan	1804U3A 001 12V	1	Piece
8	Power box	12V 350W	1	Piece
9	Video power DC line	3.5A double-current line	1	Piece
10	3.5mm audio cable	1m	1	Piece
11	Printer cable	1.8m	1	Piece
12	USB signal amplification line	3m	1	Piece
13	DVI cable	5m Akihabara	1	Piece
14	Industrial host		1	Set
15	Medium-sized button	Transparent medium-sized button outer diameter 57mm	5	Piece
16	LED lamp		5	Piece
17	Push button switch		5	Piece
18	Headless power cord		2	Piece

9-7 Art part



Serial No.	Name	Specifications or material	Quantity
1	Side plate 01 image	870×1025 (spray painting adhesive)	1
2	Side plate 02 image	498×1003 (spray painting adhesive)	1
3	Front door image	946×722 (spray painting adhesive)	1
4	Lamp box image	682×426 (organic silk screen printing)	1
5	Console image	990×350 (organic silk screen printing)	1
6	Button image	159×108 (spray painting adhesive)	1



Serial No.	Name	Specifications or material	Quantity
1	Small button image	86×35 (white sticker)	1
2	Coin counting image	86×36 (white sticker)	1
3	Ticket counting image	86×37 (white sticker)	1
4	Maintenance label	45×118 (white sticker)	1
5	In-room label	54×60 (white sticker)	1
6	High-voltage warning label	63×94 (white sticker)	1
7	Ground wire label	16×16 (white sticker)	1
8	Fuse current label	10×20 (white sticker)	1
9	Nameplate label	93×49 (white sticker)	1
10	Ticket drawing port	30×10 (white sticker)	1
11	Voltage label	95×20 (white sticker)	1
12	Anti-pinch label	35×38 (white sticker)	1
13	Switch label	8×18 (white sticker)	1

9-8 Electrical part



Serial No.	Name	Specifications or material	Quantity
1	Gate motor lamp	12V/2835 120 bead /0.65M/8mm wide	1
2	Organic film lamp of the lamp box	12V/2835 120 bead /0.45M/8mm wide	1
3	Lamp box 3	12V/2835 120 bead /0.90M/8mm wide	1
4	Lamp box LOGO	12V/2835 120 bead /1.75M/8mm wide	1
5	Horn lamp	12V/2835 120 bead /0.55M/8mm wide	1
6	Floor lamp	12V/2835 120 bead /0.95M/8mm wide	1
7	Console lamp	12V/2835 120 bead /1.00M/8mm wide	1
8	Frame lamp	12V/2835 120 bead /2.55M/8mm wide	2
9	Frame	12V/2835 120 bead /0.175M/8mm wide	2

Game On Basketball IO Table

IO board: IO_PCB V1.0 (Ace Amusement)

Input part: 1_26P

INPUT	Content J10	INPUT	Content J10	INPUT	Content J10
IN1	Coil insertion	IN10	Ball throwing detection 1	IN19	Set/up
IN2	Ticket machine feedback	IN11	Lower position of basketball hoop	IN20	Service/down
IN3	Simple button	IN12	Upper position of basketball hoop	IN21	Ticket replacement/confirm
IN4	Medium-sized button	IN13	Baffle end	IN22	Quit
IN5	Difficulty button	IN14		IN23	
IN6	Single player mode	IN15		IN24	
IN7	Double player mode	IN16		IN25	
IN8	Initial position of the baffle	IN17		IN26	
IN9	Ball throwing detection 2	IN18			

Input part: 1_10P

INPUT	Content J11
IN27	
IN28	
IN29	
IN30	
IN31	
IN32	
Null	
Null	
5V	5V
GND	GND

Input part: 1_16P

INPUT	Content J16	INPUT	Content J16
IN1		IN9	
IN2		IN10	
IN3		IN11	
IN4		IN12	
IN5		IN13	
IN6		IN14	
IN7		IN15	
IN8		IN16	

Output Part: 1_32P

OUT PUT	J12 Content J12	OUT PUT	Content J13	OUT PUT	Content J14	OUT PUT	Content J15
OUT 1	Ticket machine driving	OUT 9	Basketball hoop motor	OUT 19	Left side plate lamp 1	OUT 28	
OUT 2	Simple button lamp	OUT 10	Baffle motor lamp	OUT 20	Left side plate lamp 2	OUT 29	
OUT 3	Medium-sized button lamp	OUT 11	Coil insertion code table	OUT 21		OUT 30	
OUT 4	Difficulty button lamp	OUT 12	Bill drawing code table	OUT 22	Right side plate lamp 1	OUT 31	
OUT 5	Single player mode lamp	OUT 13	Console lamp	OUT 23	Right side plate lamp 2	OUT 32	
OUT 6	Double player mode lamp	OUT 14	Horn lamp	OUT 24		12V	12V
OUT 7	Lamp box LOGO lamp	OUT 15	Floor lamp	OUT 25	Note: display of the left and right side plate lamps is the same, which may not be distinguished in the agreement.		
OUT 8	Baffle motor	OUT 16	Lamp box 1	OUT 26			
		OUT 17	Lamp box 2	OUT 27			
		OUT 18	Lamp box 3				

ADC part:

Item	Content J1	Item	Content J2	Item	Content J3	Item	Content J4
+3.3V		+3.3V		+3.3V		+3.3V	
AD0		AD1		AD2		AD3	
GND		GND		GND		GND	
Item	Content J5	Item	Content J8	Item	Content J6	Item	Content J7
+3.3V		+3.3V		+3.3V		+3.3V	
AD4		AD5		AD6		AD7	
GND		GND		GND		GND	

Note: ADC part is applicable to 5V potentiometer.

Communication part:

Item	Contents
USB	Connected to PC USB

Power supply part:

Item	Content J9
GND	GND
GND	GND
12V	12V
12V	12V



Attention: The above technical parameters are subject to change without prior notice.



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