



Be Sure
to Read this
Manual
Before Use

Operation Manual



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Thank you for purchasing **Extreme Shot**. We hope you enjoy the product.

This manual contains valuable information about how to operate and maintain your game machine properly and safely. It is intended for the owner and/or personnel in charge of product operation. Carefully read and understand the instructions.

If you need any help during installation and setup please utilize this manual and troubleshooting guide. If the product fails to function properly, *non-technical personnel should under no circumstance attempt to service the machine*. Contact your distributor or manufacturer for help.

Before use, please read **IMPORTANT SAFETY INSTRUCTIONS**.

IMPORTANT SAFETY INSTRUCTIONS

To ensure the safe usage of this product, carefully read and understand these instructions before operating your game.

Save these instructions for future reference.

Use this product only as described in this manual. Other uses not recommended may cause fire, electric shock or personal injury. Unplug the game from the outlet when not in use, when moving from one location to another, and before cleaning/servicing.

Explanations which require special attention are indicated by signs of warning. Depending on the potential hazardous degree, the terms: **NOTE**, **NOTICE**, and **WARNING** are used.

NOTE: A NOTE indicates useful hints or information about product usage.

NOTICE: A NOTICE indicates potential damage to product and how to avoid the problem.

WARNING: A WARNING indicates a potential for product damage or serious personal Injury.

It is important to understand the meaning of the following HAZARD SIGNS before continuing:

High Voltage and Shock Hazard:

High voltage can cause electric shock.

Turn off/unplug power before servicing.



High Temperature Hazard:

This part may cause scalding.

Do not touch. Surface may be hot.



No Touching Hazard:

This part may be hot or can cause electric shock.

Do not touch.



Use the following safety guidelines to help ensure your own personal safety and to help protect your equipment and surrounding environment from potential damage.



This product is an indoor game machine. Do not install outdoors.

Avoid installing in the following places to prevent fire, electric shock, injury and/or machine malfunctioning:

- Places subject to rain/moisture, or places subject to high humidity.
- Places subject to direct sunlight, or places subject to extremely hot or cold temperatures to ensure that it is used within the specified operating range.
- Places where inflammable gas may be present or in the vicinity of highly inflammable/volatile chemicals or items that can easily catch fire
- On unstable or sloped surfaces. The machine may topple or cause unforeseen accidents.
- Vicinity of fire exits, fire extinguishers etc that may block/prevent safety measures

IMPORTANT NOTE:

ALL REPAIRS MUST BE DONE TO ORIGINAL MANUFACTURER SPECIFICATIONS. FAILURE TO DO SO VOID ALL WARRANTIES AND OPERATOR ASSUMES ALL RISKS.

Note: The contents of this manual may be updated without notice.

1. SPECIFICATIONS

Rated power supply: AC110V50/60Hz; AC220V 50/60Hz

Min. Power consumption: 90W

Max. Power consumption: 200W

Dimension:W40.87×D100.34×H105.12 in

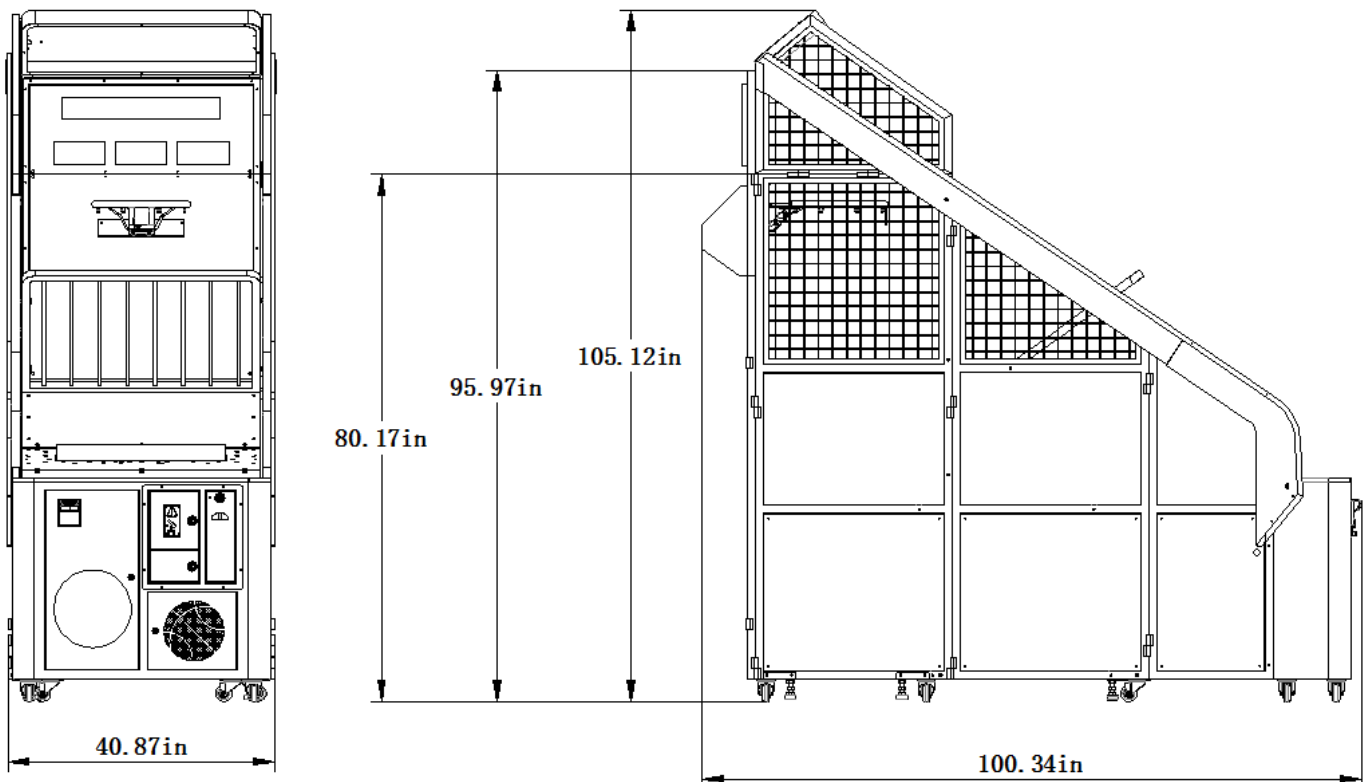
Weight: Approximately 573.2 lb

Part No: E108

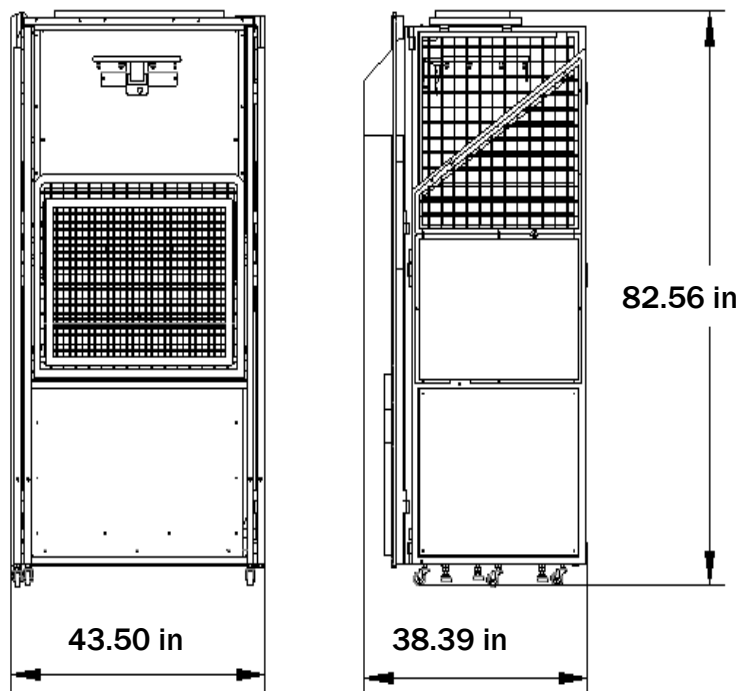
Model No: A-399



NOTICE: After turning off the game, please wait at least 1 minute before restarting again.



Dimension for transportation after unpack.

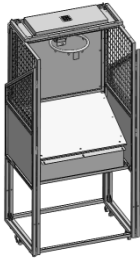
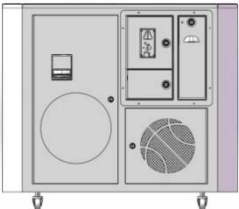
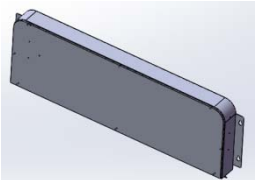
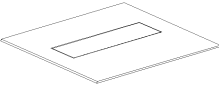
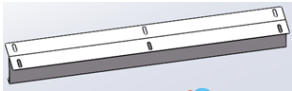
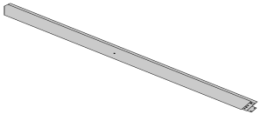
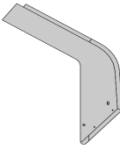
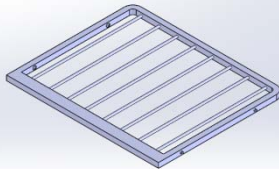
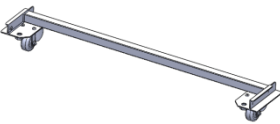


Note: Game parameters are subject to change without notice.

2. PACKAGE CONTENTS

Open the package and make sure all the items are included:

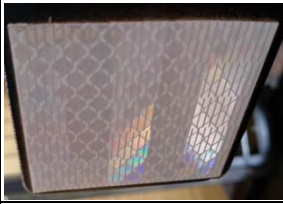
1. 1 x Body Assembly

No.	Name	Qty	Picture	No.	Name	Qty	Picture
1	Main body	1		2	Control panel assy.	1	
3	Marquee assy.	1		4	Ball gate assy.	1	
5	Playfield	1		6	Beam	2	
7	Front middle beam bracket	1		8	Playfield front bracket	1	
9	Longer side light box	2		10	Shorter side light box	2	
11	Ball front bracket	1		12	Front bearing frame	1	

2. Following accessories

No	Part No	Code No.	Description	picture	Qty
1	E108-185-000	20113000051	C flat washer		12
2	E108-186-000	20113000053	C flat washer		8
3	E108-187-000	20113000035	C large washer		5
4	E108-188-000	20102040023	Non-metallic hexagon lock nut		22
5	E108-189-000	20102040003	Non-metallic hexagon lock nut		12
6	E108-190-000	20102040038	Cap nut		3
7	E108-191-000	20101048009	Hexagon flat round head screws		5
8	E108-192-000	20101048012	Hexagon flat round head screws		5

No	Part No	Code No.	Description	picture	Qty
9	E108-193-000	20101048010	Hexagon flat round head screws		14
10	E108-194-000	20101020145	Cross recessed pan head screw suite		4
11	E108-195-000	20101008003	Hexagon flat round head screws		5
12	E108-196-000	20101100185	Hexagon flat round head screws		16
13	E108-225-000	20104023005	Cross recessed pan head screw suite		5
14	E108-198-000	20101030183	Cross recessed pan head screw suite		3
15	E108-199-000	20104020002	Cross recessed pan head screw suite		8
16	E108-440-000	25101181002	Plug head		10
17	E108-441-000	40613050001	Inflation needle		2
18	E108-442-000	23301000004	Power cord		1

No	Part No	Code No.	Description	picture	Qty
19	E108-443-000	25300171002	Key		1
20	E108-444-000	25300172002	Key		1
21	E108-445-000	21504000001	Photoelectric SW reflector		1
22	E108-446-000	21901000012	Fuse(220V)		1
23	E108-447-000	410000017A	Basketball		6
24	E108-448-000	41440000177	Manual		1
25	E108-200-000	20101010017	Cross recessed countersunk head screw		10
26	E108-290-000	20211603D106	Blank Door		1
27	E108-181-000	20101003006	Hexagon set screw with flat point		6

NOTE: Part models are subject to change without notice.

3. PART NAME



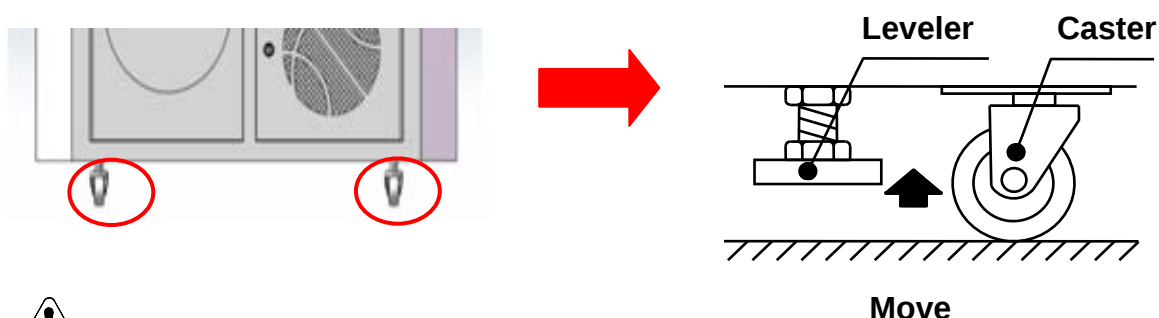
4. SET UP & INSTALLATION

! This product is an indoor game machine. Do not install outdoors.

- Refer to IMPORTANT SAFETY INSTRUCTIONS (Pg. 3) for places to avoid
- Place the unit on a dry level surface
- Ventilation openings in the back of the unit must not be obstructed by objects or by wall.

4.1 Transporting the Game

If you need to move the game, adjust the levelers back to an “up” position.

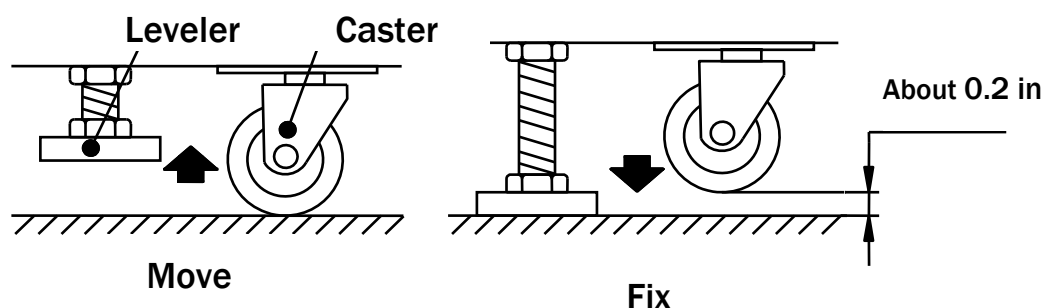


! NOTICE

- Be careful not to damage the machine during transport.
- Always unplug the game before moving.
- Keep the machine in upright position during transport.
- For longer distance transport, package the game properly to prevent damages.

4.2 Level Adjustment

Install this machine on a flat surface. Adjust levers to lift casters off the ground to level the game. If the game is installed on an unsuitable floor, it could cause game malfunction. To secure the game, adjust the Leveler down until it touches the floor, lifting the casters off the ground by 0.2 in. Repeat the same for all levelers.



! NOTICE

Make sure the machine is level.

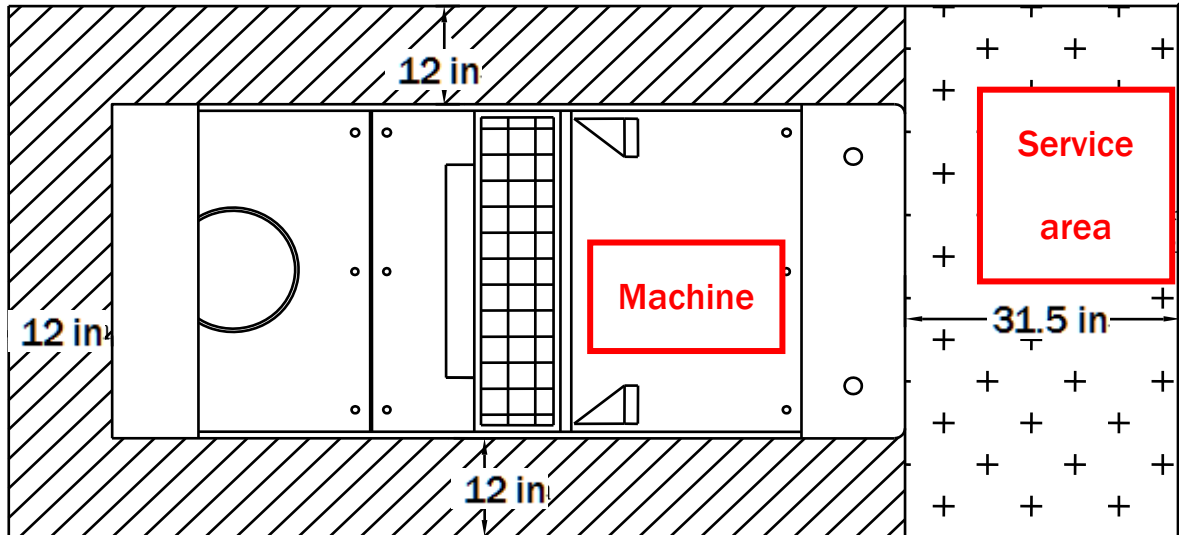
4.3 Play Zone

This machine requires space for playing and for maintenance as shown below.

Leave space around the game upon installation:

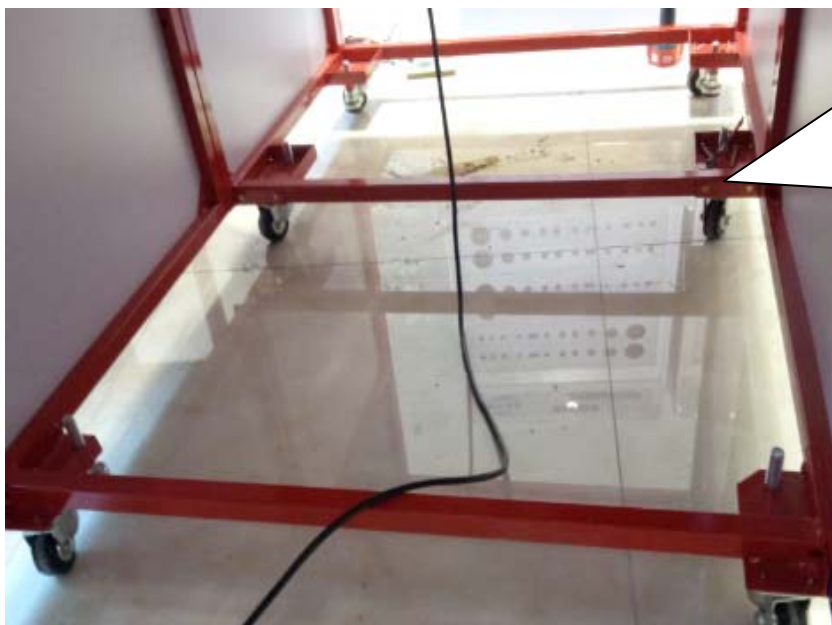
Service area: 31.5 in

Play area: 20 in



4.4How to Install the Machine

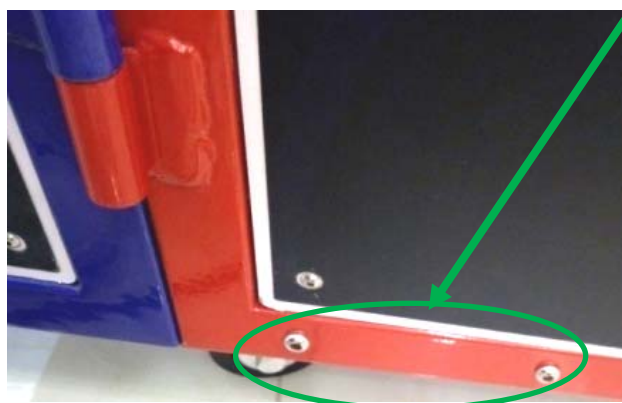
STEP1



Part No.	E108-278-000
Name	Front bearing frame
Qty.	1



Part No.	E108-196-000
No.	12
SPEC.	M6X40
Qty.	4

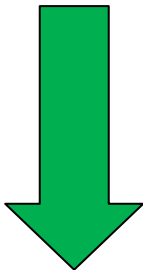


STEP2

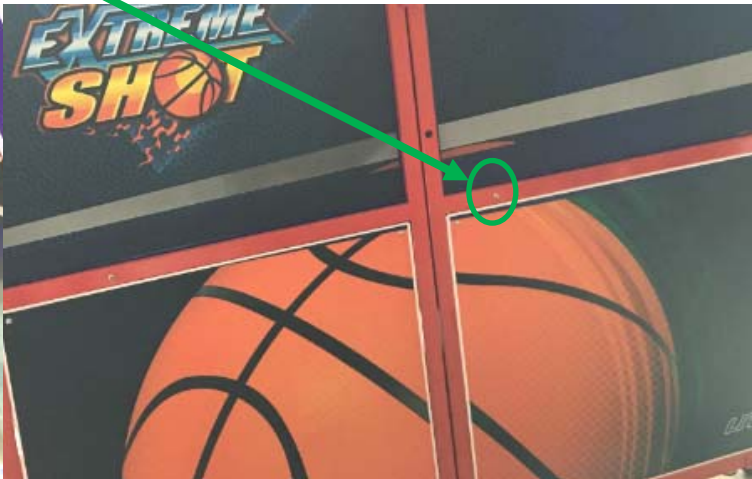


	
Part No.	E108-112-000
Name	Cross beam
Qty.	1

Part No.	E108-111-000
Name	Front middle cross beam support bracket
Qty.	1



Part No.	E108-196-000
No.	12
SPEC.	M6X40
Qty.	2



STEP3



Part No.	E108-012-000
Name	Lock gate door assembly
Qty.	1

Part No.	E108-193-000
No.	9
SPEC.	M8X25
Qty.	6

Part No.	E108-188-000
No.	4
SPEC.	M8
Qty.	6

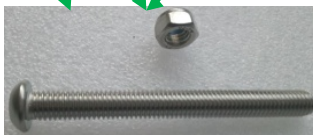


BACK VIEW

STEP4

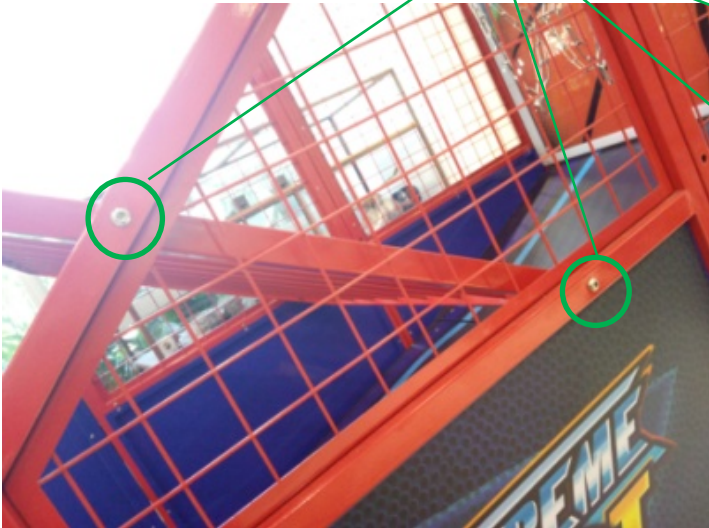


Part No.	E108-001-000
Name	Front support bracket assy.
Qty.	1



Part No.	E108-191-000
No.	7
SPEC.	M8X80
Qty.	4

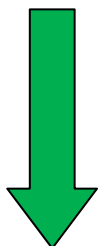
Part No.	E108-188-000
No.	4
SPEC.	M8
Qty.	4



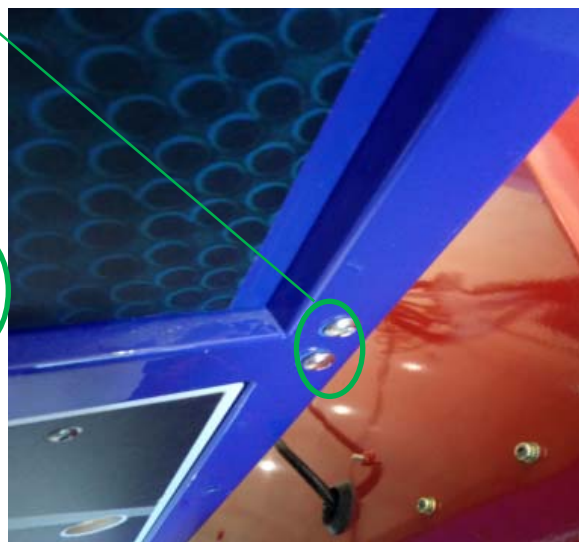
STEP5



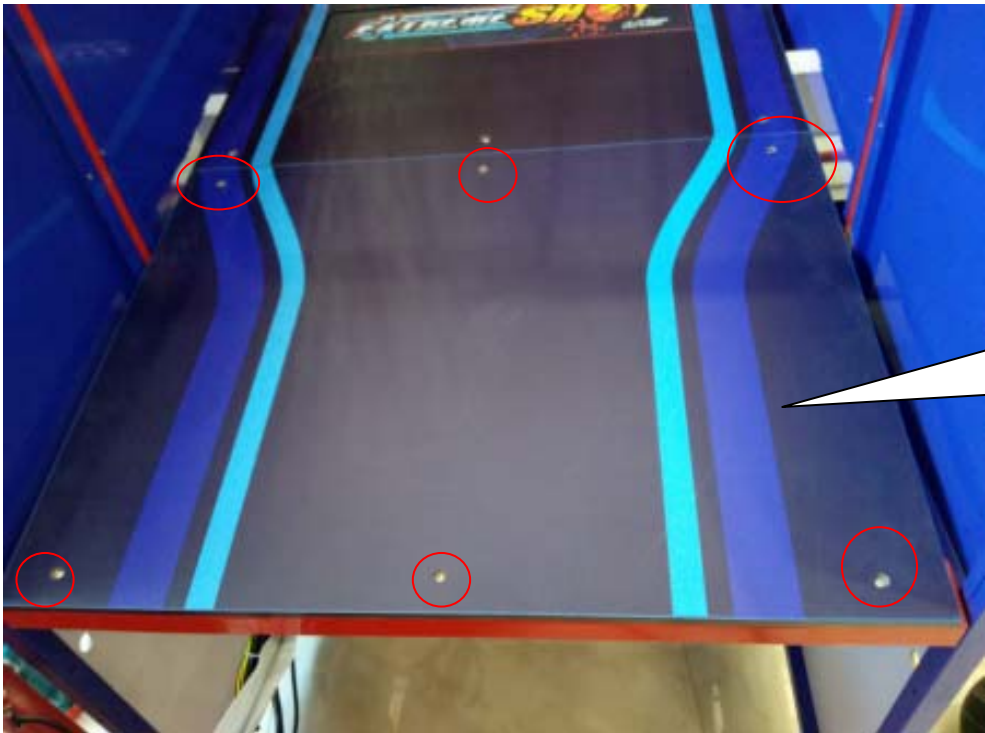
Part No.	E108-110-000
Name	Back middle cross beam support bracket
Qty.	1



Part No.	E108-196-000
No.	12
SPEC.	M6X40
Qty.	4



STEP6



Part No.	E108-504-000
Name	Front fairway board
Qty.	1



Part No.	E108-193-000
No.	9
SPEC.	M8X25
Qty.	6

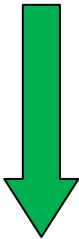
Part No.	E108-188-000
No.	4
SPEC.	M8
Qty.	6



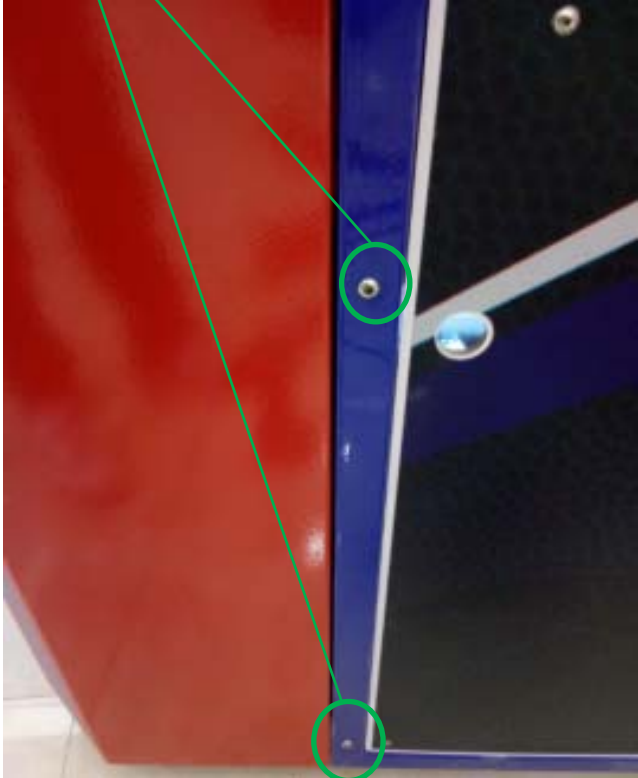
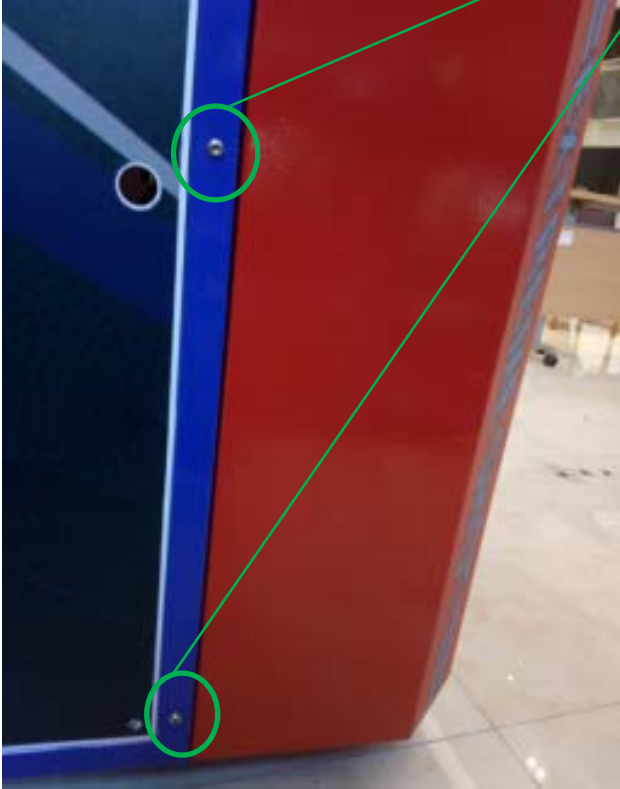
STEP7



Part No.	E108-015-000
Name	Control panel assembly
Qty.	1



Part No.	E108-196-000
No.	12
SPEC.	M6X40
Qty.	4



STEP8

Part No.	E108-906-000
Name	L support bracket top assembly
Qty.	1



Part No.	E108-189-000
No.	5
SPEC.	M6

Part No.	E108-195-000
No.	11
SPEC.	M6X60

Part No.	E108-187-000
No.	3
SPEC.	C washer

Part No.	E108-905-000
Name	R support bracket top assembly
Qty.	1



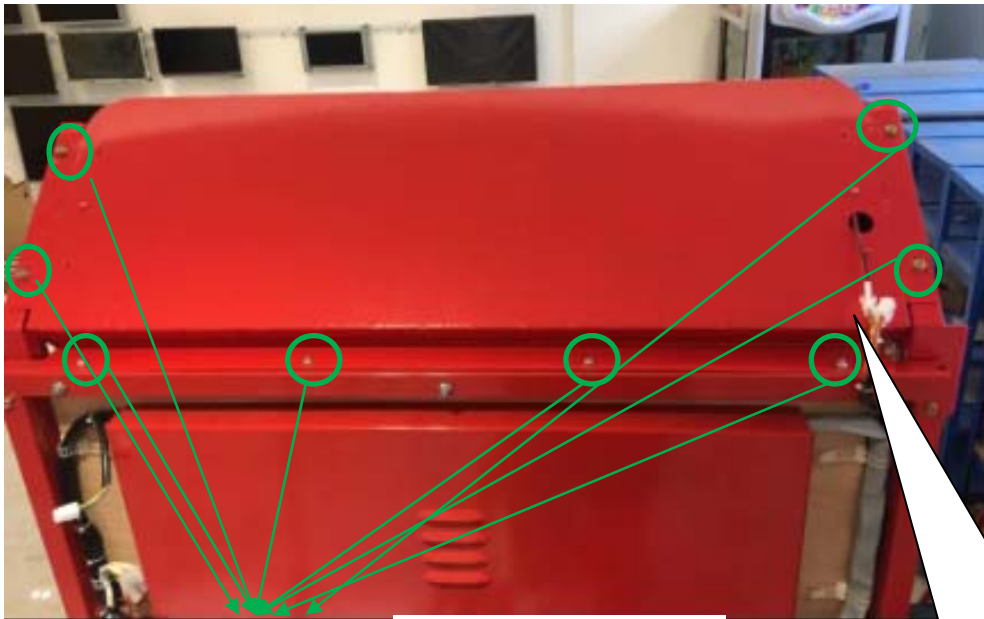
Part No.	E108-225-000
No.	26
SPEC.	M6X45
Qty.	4



Part No.	E108-016-000
Name	Back top support bracket assembly
Qty.	1

Part No.	E108-196-000
No.	12
SPEC.	M6X40
Qty.	2

STEP9



Part No.	E108-199-000
No.	15
SPEC.	M6X16
Qty.	8

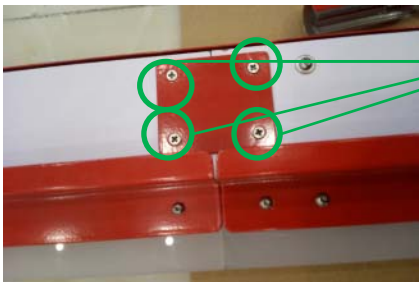
Part No.	E108-910-000
Name	Marquee assembly
Qty.	1

STEP10



Part No.	E108-288-000
Name	L side marquee assembly
Qty.	1

Part No.	E108-289-000
Name	R side marquee assembly
Qty.	1



Part No.	E108-200-000
No.	25
SPEC.	M4X12
Qty.	8

STEP11



Part No.	E108-195-000
No.	11
SPEC.	M6X60
Qty.	2

Part No.	E108-189-000
No.	5
SPEC.	M6
Qty.	2

Part No.	E108-190-000
No.	6
SPEC.	M6
Qty.	2

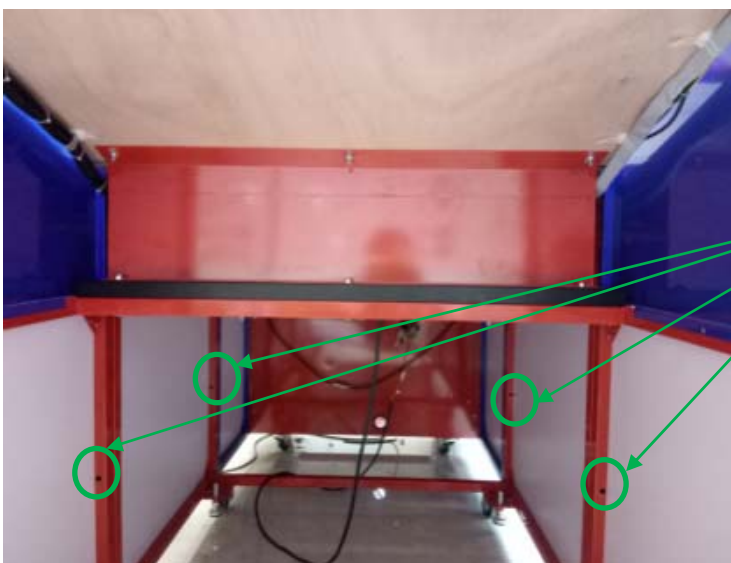
Part No.	E108-187-000
No.	3
SPEC.	C washer
Qty.	2



Part No.	E108-187-000
No.	3
SPEC.	C washer
Qty.	2

Part No.	E108-196-000
No.	12
SPEC.	M6X40
Qty.	2

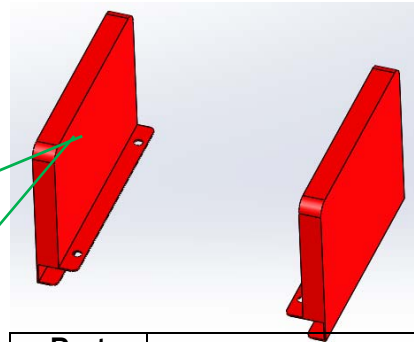
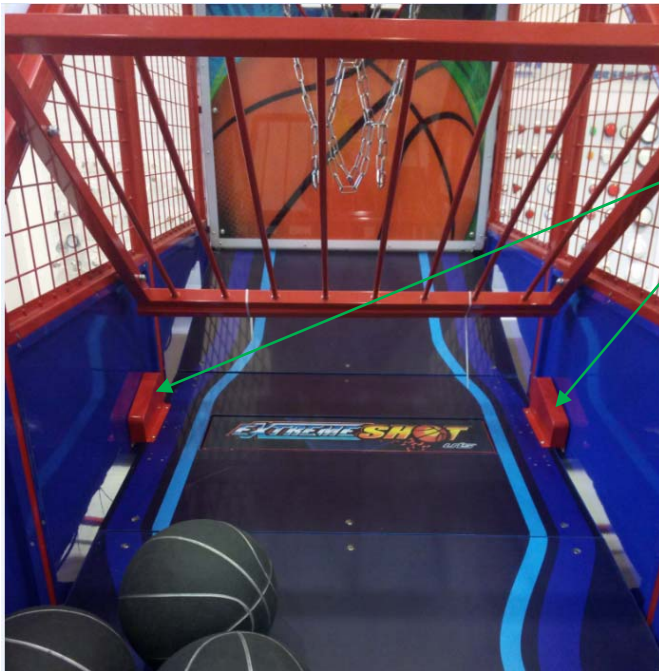
STEP12



Part No.	E108-188-000
No.	4
SPEC.	M8

Part No.	E108-192-000
No.	8
SPEC.	M8X70

STEP13



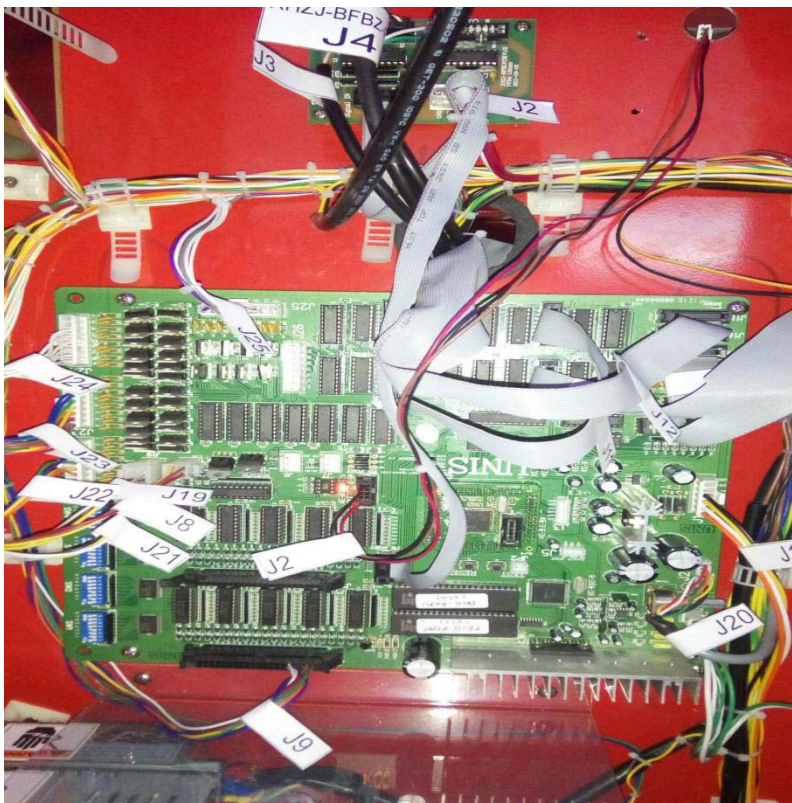
Part No.	E108-251-000
Name	Ball blocking bracket
Qty.	2



Part No.	E108-209-000
Name	M5X16
Qty.	4

4.6 Wiring Instruction

Step 1: Connect the connectors individually according to the labels.



Step 2: For reference, this picture is showing the wiring layout of the bottom of the cabinet.
(Attach and tighten with nylon cable ties. Part # E108-500-000)



5. HOW TO PLAY

5.1 Insert coins and press  or  button to begin.

5.2 Score instruction

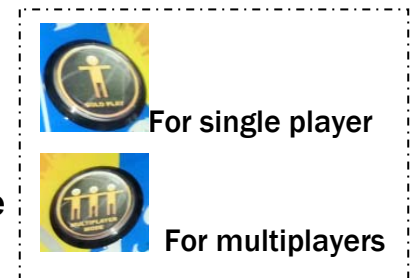
Stage 1: Reach 30 points to enter into Stage 2

Stage 2: Reach 60 points to enter into Stage 3

Stage 3: Reach 100 points to enter into Final stage

5.3 Tickets dispense accordingly.

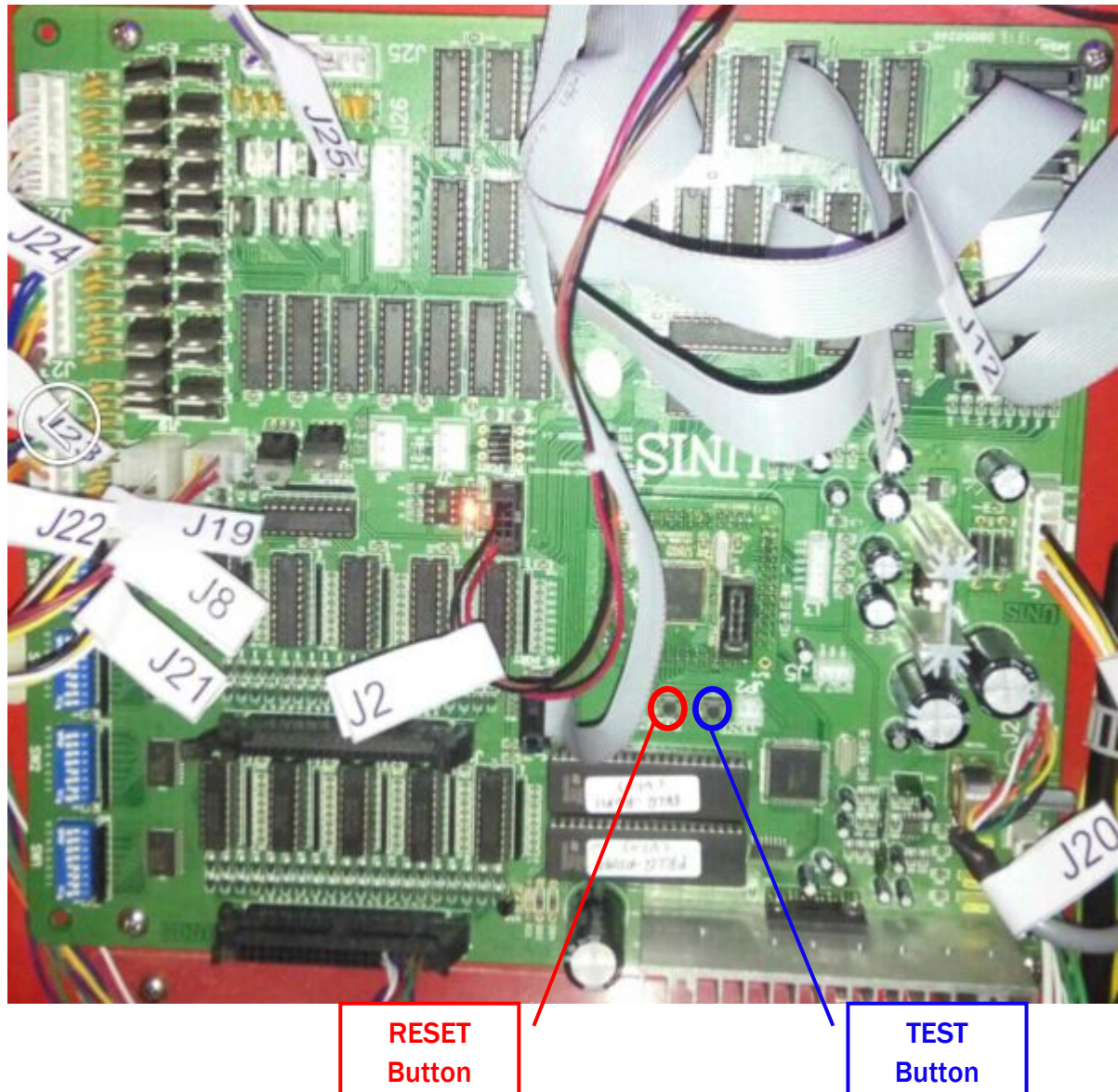
Note: There are 6 basketballs needed for the game.



6. GAME OPTION

6.1 Testing

6.1.1 Main board test



Main board Test:

Press TEST button once on the main board, it displays 8.7.6.5.4.3.2.1. and 87654321 to test LED correct or not;

Press TEST button once again, it displays 1, 1#, 1,2 DIP sw state;

Press TEST button once again, it displays 2 for close SW no. 2 positions as 1 SW no.;

Press TEST button once again, it displays 3;

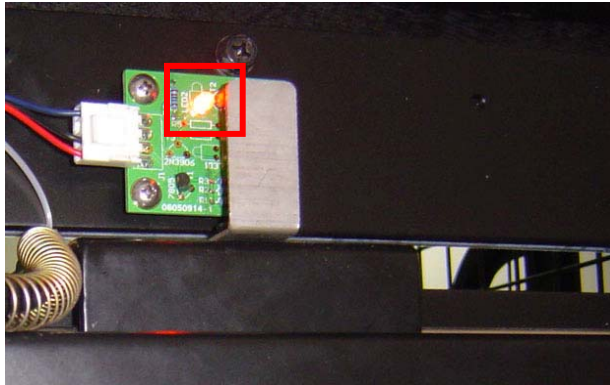
Press TEST button once again, it displays 4, hold and press IN1-40, with OUT1-40 outputs;

Press TEST button once again, it displays 5, with OUT1-40 light output;

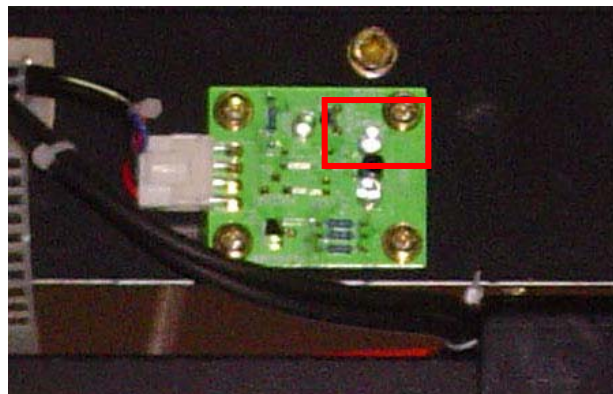
Press TEST button once again, it displays 6.

6.1.2 Signal test

Sensor board



To test whether the HOOP is in the center. If the light is on it indicates that the HOOP is in the center position.



If the light is off or shimmering, the HOOP is not in the correct position.

6.1.3 The driver of the Relay and the Ticket dispenser.

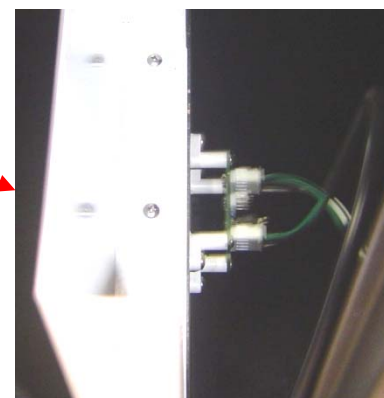
Open the doors to access the ticket dispenser and relay board.



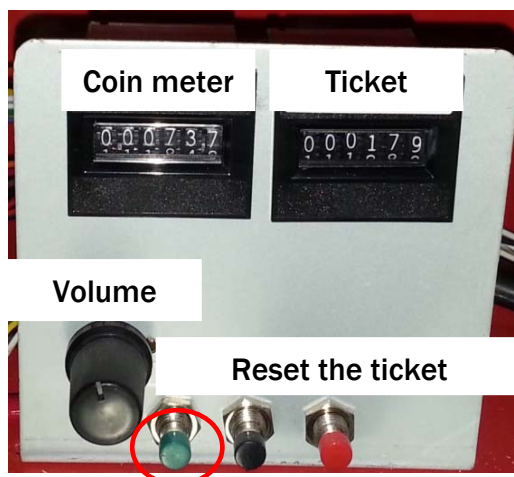
Ticket dispenser



Relay board



6.2 Adjustment button instruction



Open the coin door there is a meter panel. Press service button to get into the setting menu.

6.2 Setting menu

6.2.1

Item	Content	DIP SW1		
		3	4	5
Score per ticket	10	on	on	on
	20	off	on	on
	30	on	off	on
	40	OFF	OFF	ON
	50	on	on	off
	60	off	on	off
	80	on	off	off
	Ticket off	off	off	off

6.2.2

Item	Content	DIP SW1	
		6	7
Mercy Ticket	0	ON	ON
	1	off	on
	2	on	off
	3	off	off

6.2.3

Item	Content	DIP SW1
		8
Credit & ticket memory	Yes	ON
	No	off

6.2.4

Item	Content	DIP SW2	
		1	2
Stage per game	2	on	on
	3	off	on
	4	ON	OFF
	5	off	off

6.2.5

Item	Content	DIP SW2	
		3	4
Game time(s)	A	on	on
	B	off	on
	C	ON	OFF
	D	off	off

Item	Game time (s)				
Content	Stg. 1	Stg. 2	Stg. 3	Stg. 4	Stg. 5
A	40	35	30	25	20
B	45	40	35	30	20
C	50	40	30	25	20
D	60	50	40	30	20

6.2.6

Item	Content	DIP SW2	
		5	6
High Score Initial Value	150	ON	ON
	250	off	on
	350	on	off
	500	off	off

6.2.7

Item	Content	DIP SW2	
		7	8
DEMO music (s)	120	ON	ON
	180	off	on
	240	on	off
	OFF	off	off

6.2.8

Item	Content	DIP SW3	
		1	2
Pass stage score	A	ON	ON
	B	off	on
	C	on	off
	D	off	off

Item	Pass stage score				
Content	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
A	30	60	100	150	999
B	40	80	130	200	999
C	50	100	160	250	999
D	60	130	200	300	999

6.2.9

Item	Content	DIP SW3
		5
3-point time (s)	A	ON
	B	off

Item	3-point time (s)				
Content	Stage 1	Stage 2	Stage 3	Stage 4	Stage 5
A	15	15	15	15	15
B	20	20	20	20	20

6.2.10

Item	Content	DIP SW3
		5
Rim move	No	on
	Yes- in 3-point time	OFF

6.2.11

Item	Content	DIP SW3
		5
Record after Power up	Keep memory	on
	Reset	OFF

6.2.12

Item	Content	DIP SW4			
		1	2	3	4
Coin per game	0	on	on	on	on
	1	OFF	ON	ON	ON
	2	on	off	on	on
	3	off	off	on	on
	4	on	on	off	on
	5	off	on	off	on
	6	on	off	off	on
	7	off	off	off	on
	8	on	on	on	off
	9	off	on	on	off
	10	on	off	on	off
	11	off	off	on	off
	12	on	on	off	off

Error display:

If input signal is not in proper status when power on the machine, error code is shown and flashing on the score display.

Memory clear:

SW1.8 set to OFF can clear the memory.

6.3 How to Link the Machines?

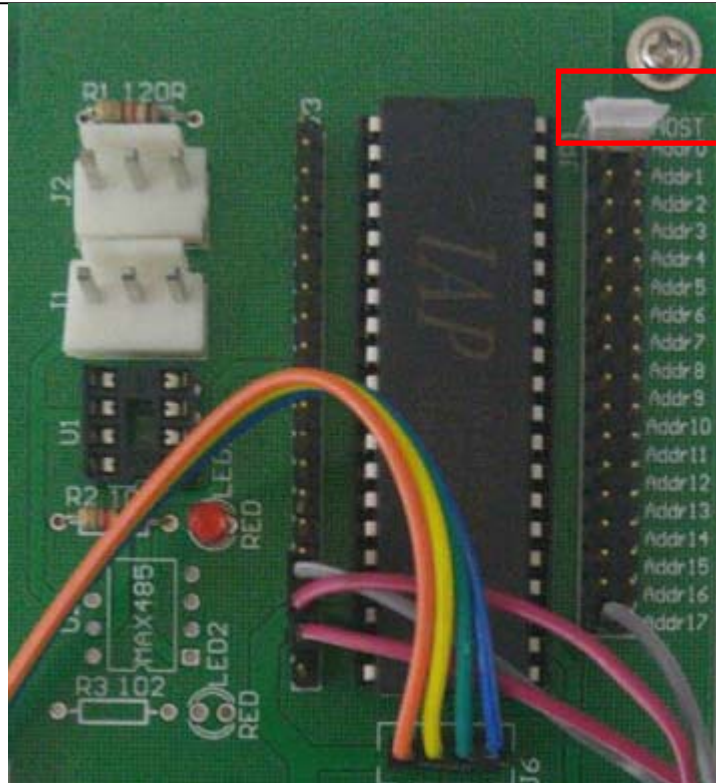
Step 1 Connect the linking cables among the machines.



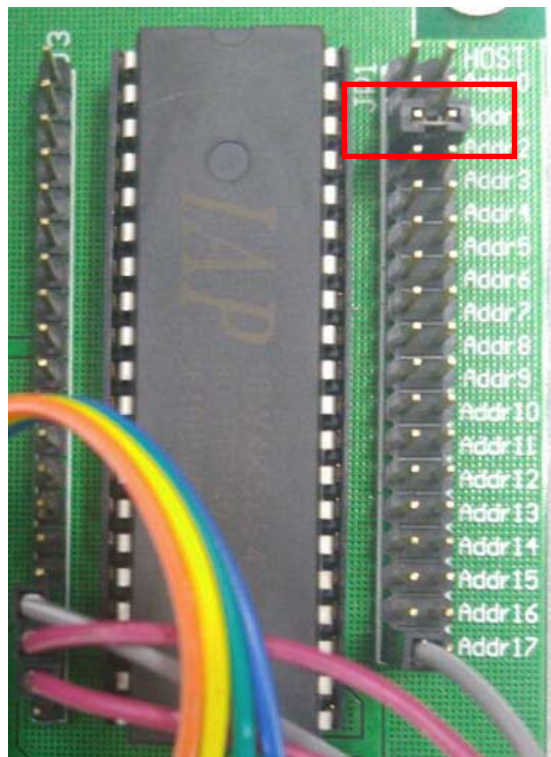
Step 2 Open the front door and find the linking PCB.



Step 3 Plug the pin cap as picture in the first pin as picture shown to set one machine as host machine.



Step 4 Open the front door of another machine and Plug the pin cap in the second pin as picture shown to set another machine as subordinate machine.



Note: If the machines are linking, the LED of the PCB is on.

7. ERROR MESSAGE AND RECOVERY

7.1 Trouble Shootings

Error code	Possible Cause	Recommended action
E01Test button	Test button broken	Change the test button
	The connection part of the test button is loose.	Check and reconnect the loose ports.
E02Service button	Service button broken	Change the service button
	The connection part of the service button is loose.	Check and reconnect the loose ports.
E03Single play button	Single play button broken	Change the single play button.
	The connection part of the single play button is loose.	Check and reconnect the loose ports.
E04Link button	Link button broken	Change the link button
	The connection part of the link button is loose.	Check and reconnect the loose ports.
E05Ball gate sensor	Ball gate sensor broken	Change the ball gate sensor
	The connection part of the ball gate sensor is loose.	Check and reconnect the loose ports.
E06Rim move sensor	Rim move sensor broken.	Change the rim move sensor broken.
	The connection part of the rim move sensor is loose.	Check and reconnect the loose ports.
E07Shot sensor 1	Shot sensor 1 broken.	Change the shot sensor 1 broken.
	The connection part of the shot sensor 1 is loose.	Check and reconnect the loose ports.
E08Shot sensor 2	Shot sensor 2 broken.	Change the shot sensor 2 broken.
	The connection part of the shot sensor 2 is loose.	Check and reconnect the loose ports.
E09 Reset button	Reset button broken	Change the reset button
	The connection part of the reset button is loose.	Check and reconnect the loose ports.
E10 DBV signal	DBV broken.	Change the DBV.
	The connection part of the DBV is loose.	Check and reconnect the loose ports.
E83Coin signal	Coin machine broken.	Change the coin machine.
	The connection part of the coin machine is loose.	Check and reconnect the loose ports.
E84Coin signal	Coin machine broken.	Change the coin machine.
	The connection part of the coin machine is loose.	Check and reconnect the loose ports.

- Please confirm whether every connector connected tightly.

Symptom	Possible Cause	Recommended action
Game will not start	Frame assembly connector fell or is loose	Plug in connector tightly.
	Frame assembly fault	Contact with UNIS Service.
Power cutting	Circuit protector make power SW in cutting state	Turn on power SW again. If appeared again and again, machine has anomaly. Please contact with UNIS Service.
Game will not coin up	Coin mech. fault or sample coin not installed.	Change coin mech. or sample coin.
	Coin mech. signal cable loose.	Check coin mech. signal cable loose.
	IO control board no signal.	Change IO board.
No sound	Volume set too low.	Raise the volume.
	Connector loose.	Plug in connector tightly.
	PCB fault.	Change PCB.
	Speaker fault.	Change speaker.
	PC crash.	Restart or system recovery.
	POT installation error.	Install POT correctly.
	POT fault.	Change POT.
No ticket dispensing	Out of ticket.	Add ticket and press reset button
	Ticket jamming.	Remove the jammed tickets and press reset button.
	Wrong connection.	Check the connections.
Wrong scoring or no scoring	Reflection paper wore out	Replace reflection paper
	Bad connection	Check the connections.
	Basketball sensor problem	Replace the sensor
Wrong position of the hoop	Bad connection of the sensor	Check the connections.
	Hoop moving sensor problem	Replace the sensor board
Hoop doesn't move	Driver relay problem	Check the input signal
	Motor off	Check whether the supply voltage suits the motor
	Poor connection	Check the connections.
Wrong position of the gate	Gate sensor loose	Check the connections.
	Gate sensor problem	Replace the sensor
Gate will not open or close	Driver sensor problem	Check the input signal
	Motor off	Check supply voltage to the motor
	Poor connection	Check all connections.

8. MAINTENANCE & INSPECTION

8.1 Safety Check

Check the points listed before operating the machine. These checks are necessary for safe machine operation:

1. Test game before operation each day.
2. Conduct monthly routine checks of game components ensure good working condition
3. Check the machine regularly for dust and clean when necessary.

Note: Parts and components require preventative maintenance to maintain proper operation.

8.2 Handling Precautions

When installing or inspecting the machine, be very careful of the following points and pay attention to ensure that the player can enjoy the game safely.

Non-compliance with the following points or inappropriate handling running counter to the cautionary matters herein stated can cause personal injury or damage to the machine.

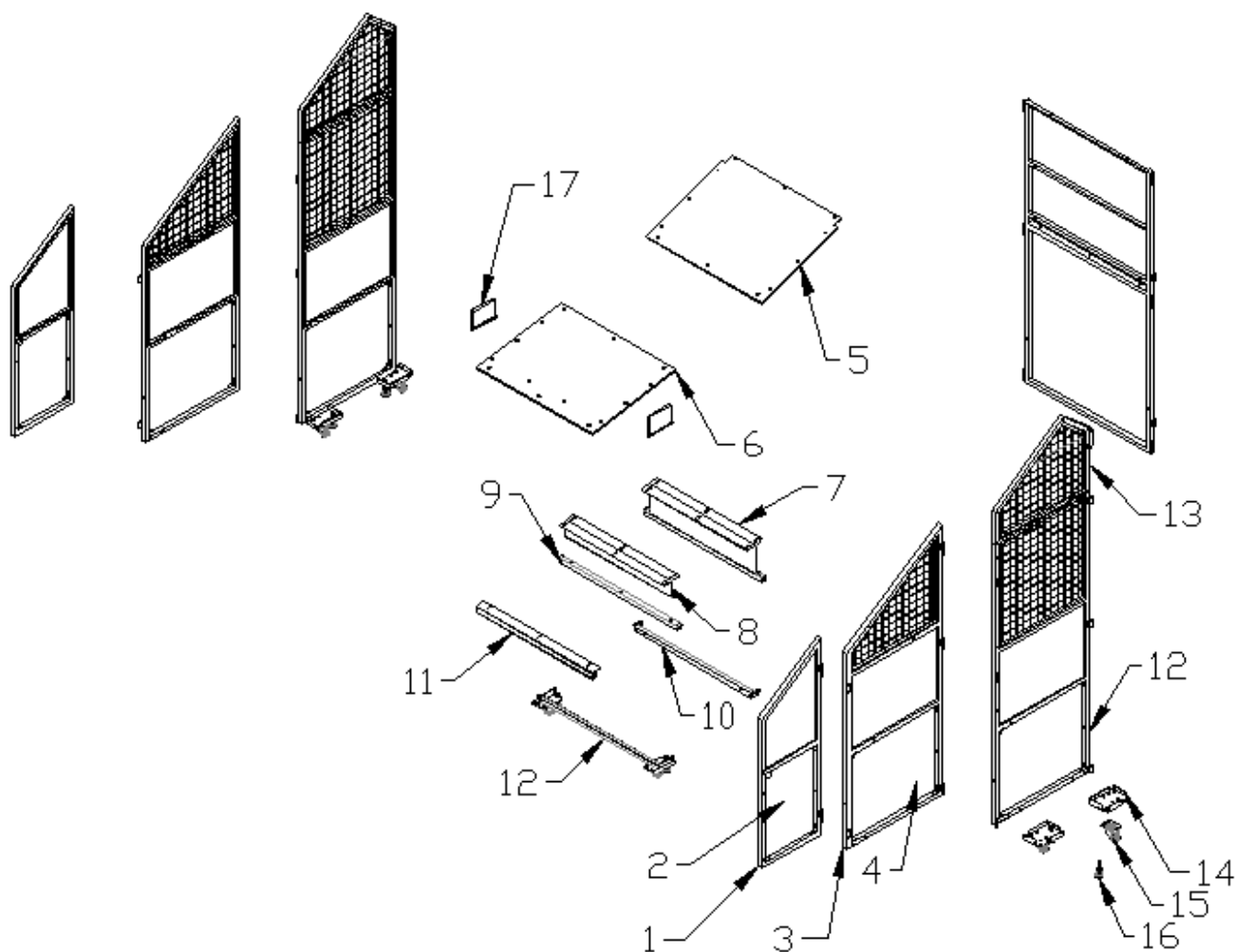


WARNING

- Before servicing the machine, be sure to turn power off. Servicing without turning the power off can cause electric shock or short circuit.
- To avoid electric shock or short circuit, do not plug then unplug the power quickly
- Do not expose power cords and earth wires, these are susceptible to damage.
- Damaged cords and wires can cause electric shock or short circuit and should be replaced immediately.
- When or after installing the product, avoid pulling the power cord to prevent unnecessary wear and tear. Use the power button to disconnect power.
- In case the power cord is damaged, ask for replacement through where the product was purchased from or replace locally. Continued usage of damaged cord can cause fire, electric shock or leakage.
- Perform grounding appropriately. Inappropriate grounding can cause electric shock.
- Use fuses that meet specified rating. Fuses exceeding can cause an electric shock.
- Should a problem occur, turn off the power immediately and stop operating the machine. Unplug the power cord of the service outlet. Operating the machine without correcting the problem may cause a fire or injuries.
- Insert the power plug securely into the outlet. Poor contact may cause overheating, resulting in fire or burns.
- To ensure the warning labels attached on the machine are visible and legible, install the machine in a well-lit location, and keep the labels clean at all times. Make sure the labels are not hidden behind other game machines.

9. OVERALL CONSTRUCTION

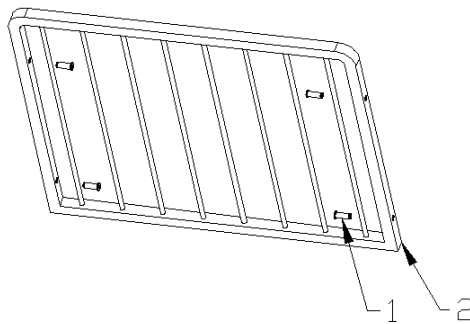
9.1 Frame



No.	Part No.	Code	Name	Qty
1	E108-008-000	20211603D006	R side front support bracket assembly	1
	E108-005-000	20211603D003	L side front support bracket assembly	1
2	E108-501-000	20211603D107A	R side front panel	1
	E108-264-000	20211603D111	Front R side protect plate	1
3	E108-007-000	20211603D005	R side middle support bracket assembly	1
	E108-004-000	20211603D002	L side middle support bracket assembly	1
4	E108-502-000	20211603D108A	Back protection board	4
5	E108-503-000	20311603D012	Back fairway board	1

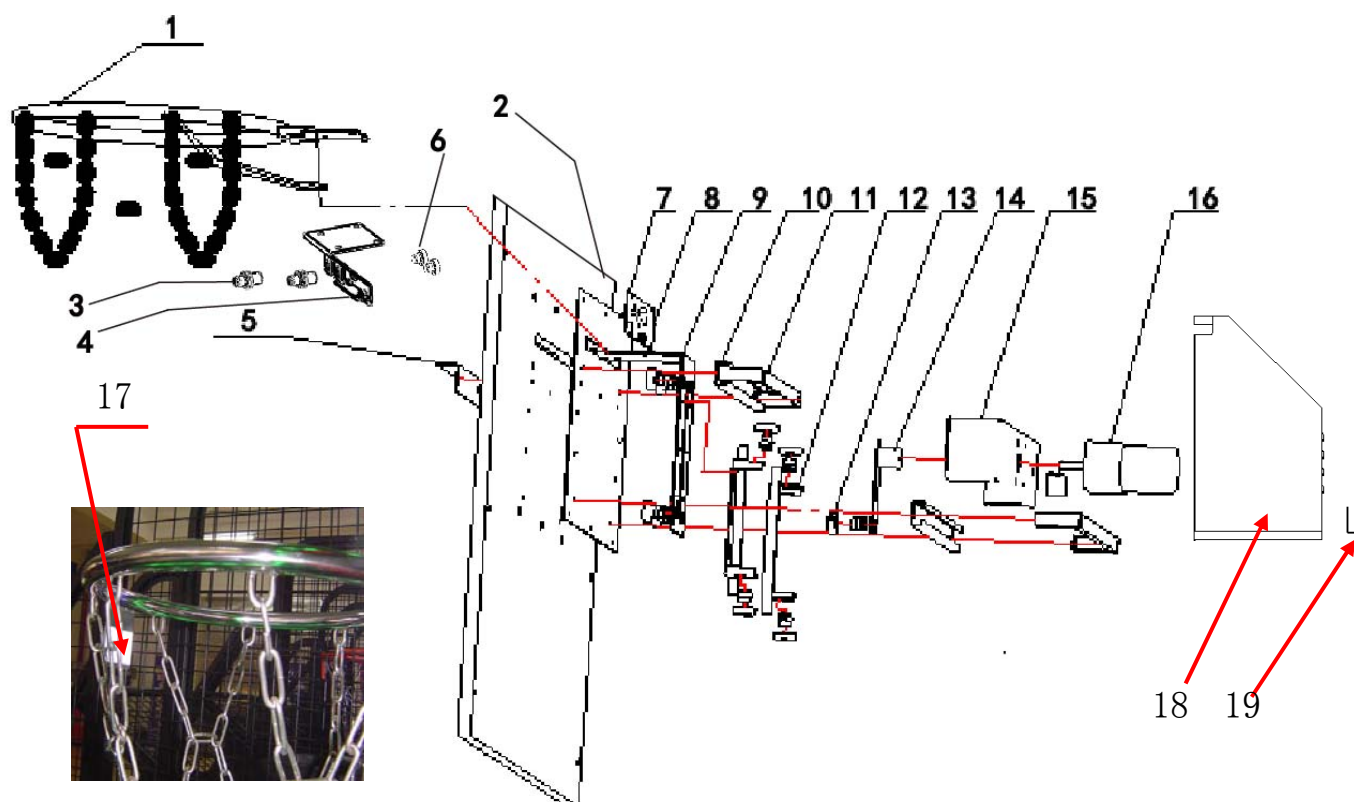
No.	Part No.	Code	Name	Qty
6	E108-504-000	20311603D011	Front fairway board	1
7	E108-110-000	20211603D034	Back middle cross beam support bracket	1
8	E108-111-000	20211603D033	Front middle cross beam support bracket	1
9	E108-112-000	20211603D007	Cross beam	4
10	E108-277-000	20211603D102	Support beams	1
11	E108-113-000	20211603D046	Fairway front support bracket	1
12	E108-006-000	20211603D004	R side back support bracket assembly	1
	E108-003-000	20211603D001	L side back support bracket assembly	1
13	E108-906-000	20211603D082A	L support bracket top assembly	1
	E108-905-000	20211603D083A	R support bracket top assembly	1
14	E108-275-000	20211603D100	L The foot plate	2
	E108-276-000	20211603D101	R The foot plate	2
15	E108-411-000	25501000056	castor	10
16	E108-268-000	26000008000	leveler	8
17	E108-251-000	20211603D112	Ball block bracket	2

9.2 Front bracket Assy.



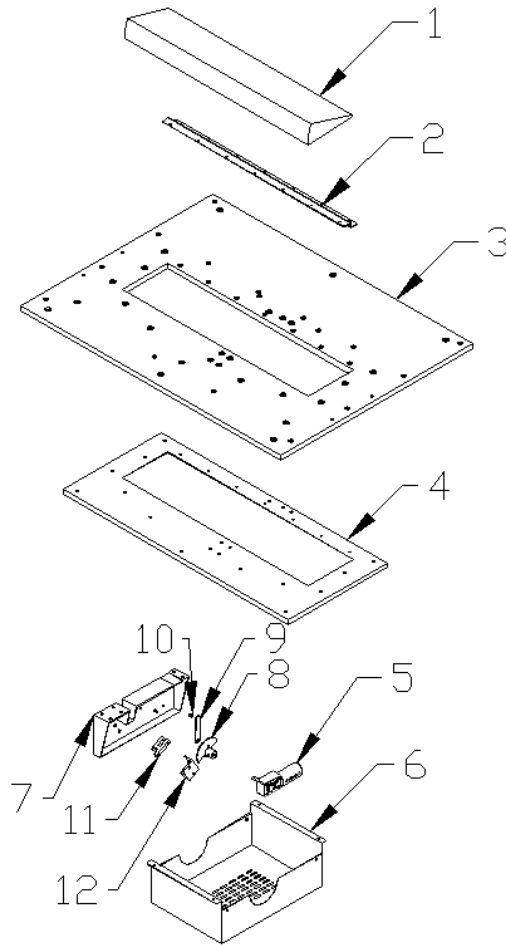
No.	Part No.	Code	Name	Qty
1	E108-122-000	20211603D079	Front support bracket fixed sleeve	4
2	E108-123-000	20211603D092A	Tripping ball front support bracket	1

9.3 Moving mechanism



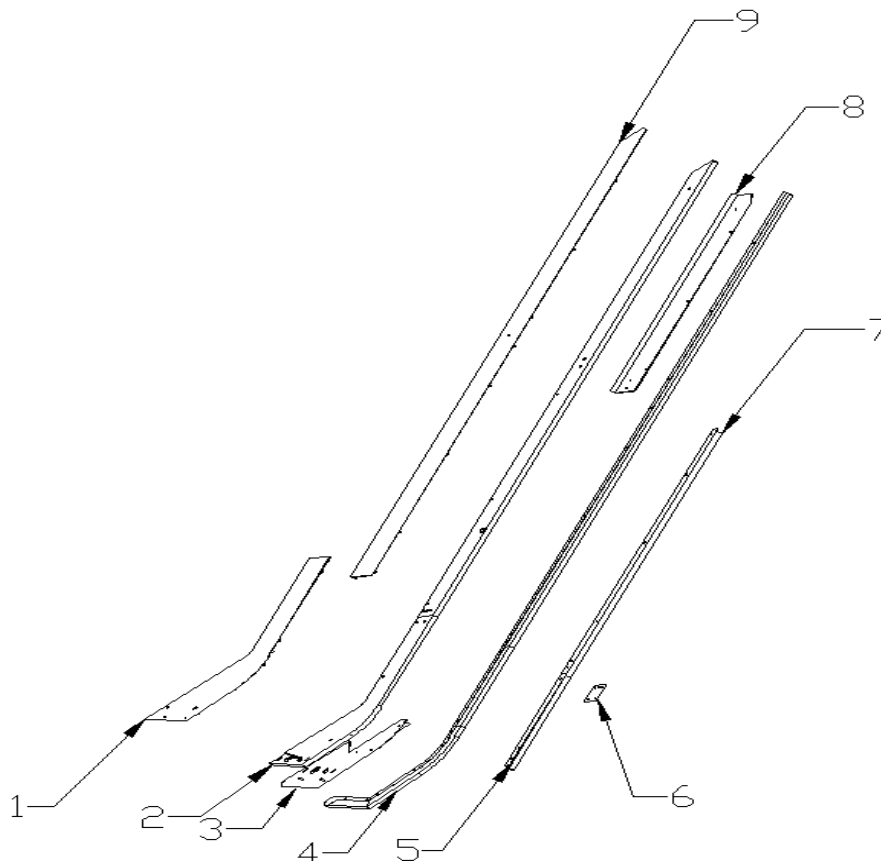
No.	Part No.	Code No.	Name	Qty
1	E108-125-000	20211603D072A	Hoop	1
2	E108-505-000	20311603D009A	Main panel bottom	1
3	E108-404-000	21501000041	Reflect-sensor	2
4	E108-269-000	20211603D090A	support frame	1
5	E108-128-000	20211603D096A	Hoop B.R. guide rail	1
6	E108-127-000	20211603D089	Rail shaft	15
	E108-136-000	20106000082	Deep groove Ball BR.	15
7	E108-317-000	20211603D048A	Hoop fix plate	1
8	E108-131-000	20211603D095	Sensor baffle	1
9	E108-132-000	20211603D063A	Main bracket	1
10	E108-135-000	20211603D084A	Up & down guide rail	2
11	E108-133-000	20211603D047A	Front & rear guide rail	2
12	E108-134-000	20211603D064	Bracket	2
13	E108-136-000	20106000082	Deep groove Ball BR.	15
14	E108-137-000	20211603D088	Moving rod	1
15	E108-316-000	20211603D067A	Move motor bracket	1
16	E108-402-000	23405000022	Motor	1
17	E108-445-000	21504000001	Photoelectric SW reflector	1
18	E108-138-000	20211603D036B	Rear motor cover	1
19	E108-262-000	20211603D109	Ground plate	2

9.4 Ball gate mechanism



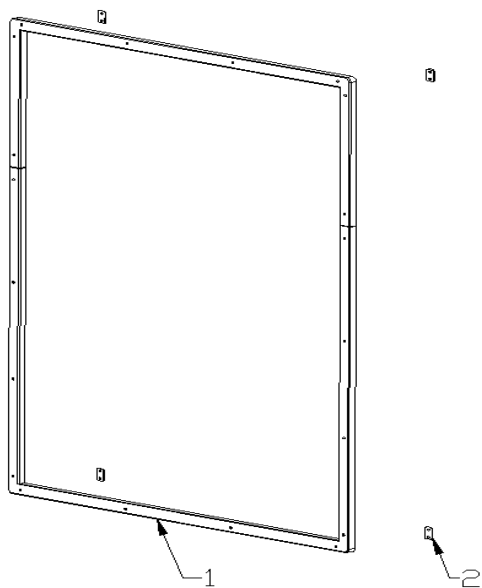
No.	Part No.	Code No.	Name	Qty
1	E108-140-000	20211603D053	Lock gate	1
2	E108-141-000	20211603D032	Lock gate hinge	1
3	E108-506-000	20311603D013B	Mid track plate	1
4	E108-142-000	20211603D054A	Lock gate fixed plate	1
5	E108-405-000	23404000235	Motor	1
6	E108-322-000	20211603D038A	Lock gate door motor cover	1
7	E108-282-000	20211603D052B	Lock gate motor bracket	1
8	E108-144-000	20211603D070	Lock gate eccentric gear	1
9	E108-145-000	20211603D086A	Lock gate rod	1
10	E108-146-000	20211603D098	Lock gate shaft sleeve	2
11	E108-407-000	21501000006	Sensor	1
12	E108-147-000	20211603D014	Lock gate sensor board	1

9.5 Side light Assy.



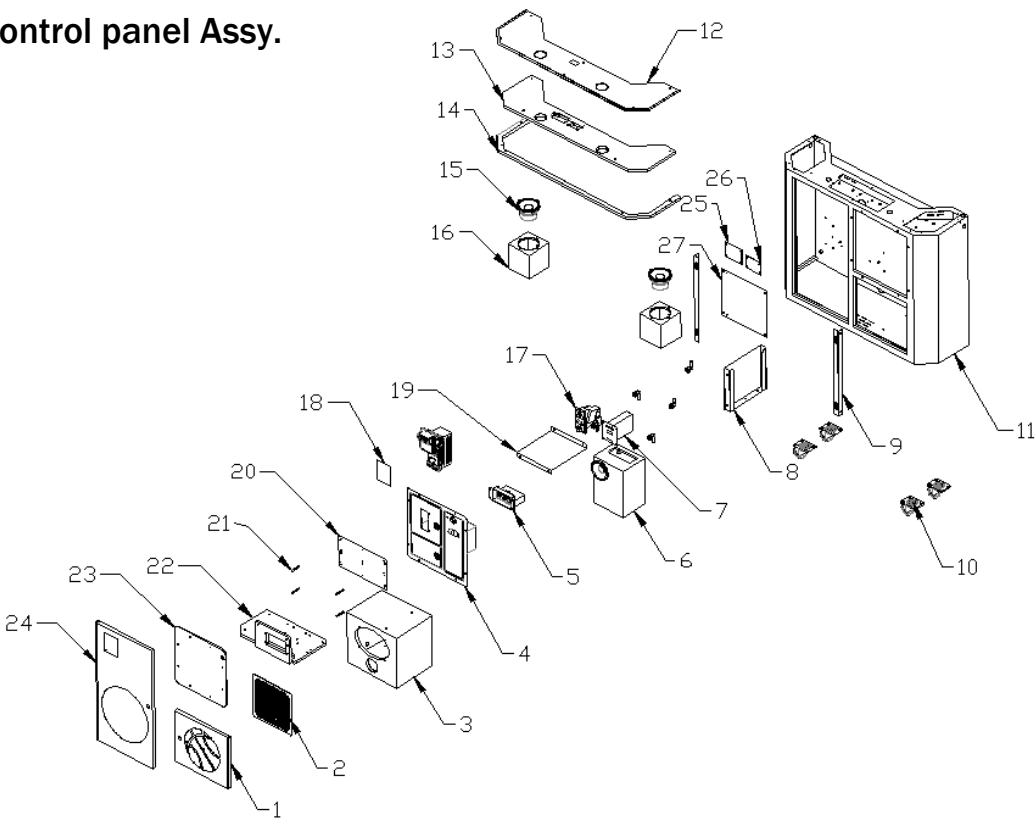
No.	Part No.	Code No.	Name	Qty
1	E108-148-000	20211603D017	L side light box front cover	1
	E108-149-000	20211603D024	R side light box front cover	1
2	E108-507-000	20311603D003	L side light box board	1
	E108-508-000	20311603D004	R side light box board	1
3	E108-150-000	20211603D015	L side light box front fix plate	1
	E108-151-000	20211603D021	R side light box front fix plate	1
4	E108-601-000	20611603D005	Side light box converted plate	2
5	E108-152-000	20211603D020	L side light box middle fix shorter plate	1
	E108-153-000	20211603D026	R side light box middle fix shorter plate	1
6	E108-154-000	20211603D055	Side light box connection plate	2
7	E108-155-000	20211603D019	L side light box middle fix longer plate	1
	E108-156-000	20211603D023	R side light box middle fix longer plate	1
8	E108-157-000	20211603D016	L side light box rear fix plate	1
	E108-158-000	20211603D022	R side light box rear fix plate	1
9	E108-159-000	20211603D018	L side light box rear cover	1
	E108-160-000	20211603D025	R side light box rear cover	1

9.6 Main panel light



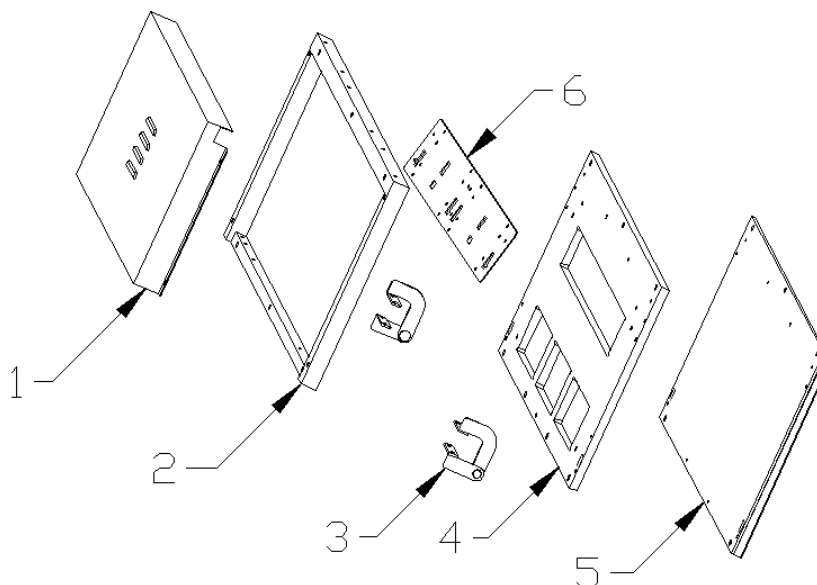
No.	Part No.	Code No.	Name	Qty
1	E108-323-000	20611603D006	Main panel L lamp ring	1
2	E108-324-000	20211603D056	Panel light converted	4

9.7 Control panel Assy.



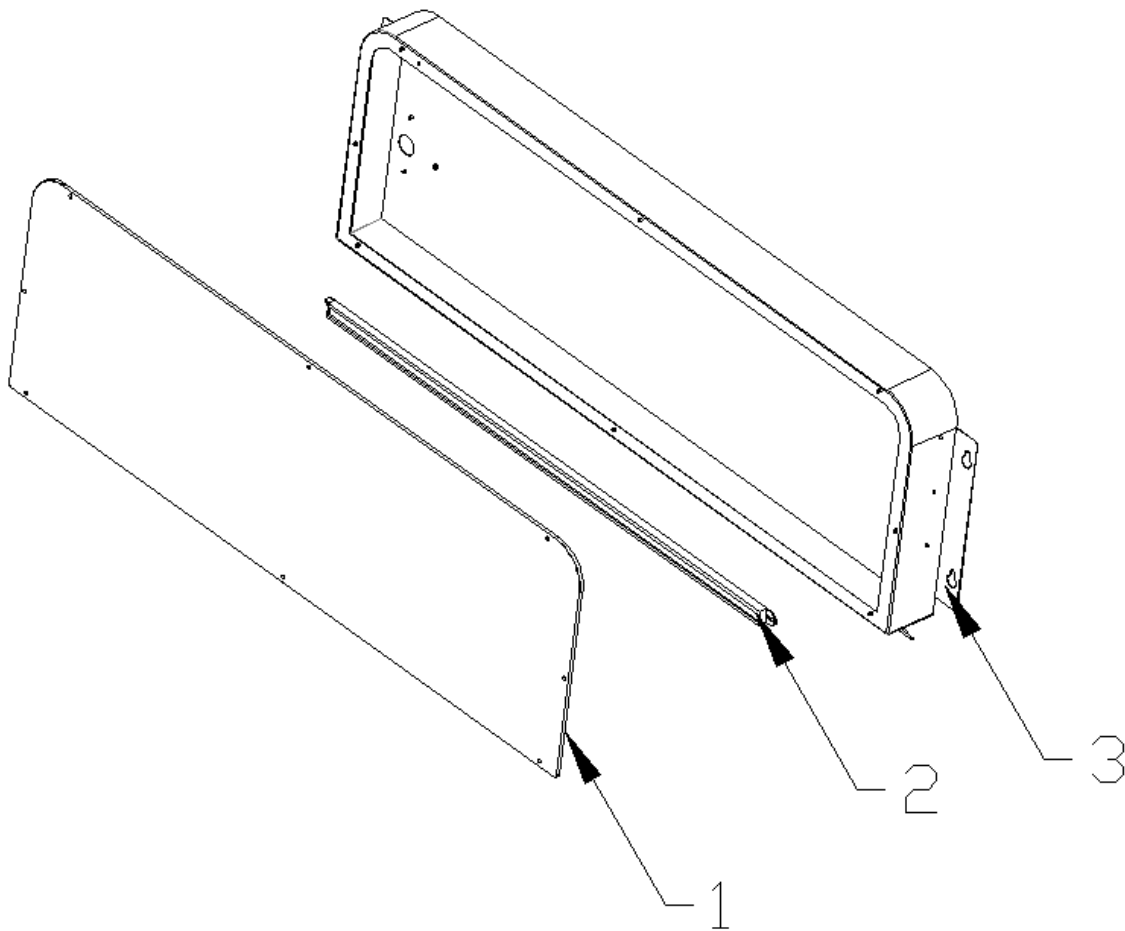
No.	Part No.	Code No.	Name	Qty
1	E108-162-000	20211603D030	Control panel R bottom door	1
2	E108-163-000	20211603D099	Speaker net	1
3	E108-164-000	20311603D006	Bass speaker	1
4	E108-165-000	20211603D035	Coin door	1
5	E108-166-000	22601000005	Rocket SW(S)	1
6	E108-408-000	22801000055	Ellipse speaker	1
7	E108-409-000	23100000005	Ticket dispenser	1
8	E108-410-000	26000006000	Ticket box 243	1
9	E108-167-000	20211603D057	Control panel fix plate	2
10	E108-411-000	25501000056	2" dual wheel	4
11	E108-168-000	20211603D028	Control panel	1
12	E108-706-000	20511603D031A	Control panel decal	1
13	E108-509-000	20311603D005	Control panel top light fix board	1
14	E108-603-000	20611603D007	Control panel top light board	1
15	E108-412-000	22801000047	Round speaker	2
16	E108-510-000	20311603D008	Hi mid speaker	2
17	E108-413-000	22301000001	Coin mech.	1
18	E108-169-000	20211603D031	DBV door cover	1
19	E108-604-000	20611603D003	Power supply cover	1
20	E108-605-000	20611603D002	Control panel light fix plate	1
21	E108-170-000	20211603D097	Nut post	4
22	E108-513-000	20311603D007A	Power supply fix plate	1
23	E108-708-000	20511603D032A	Front door light box decal	1
24	E108-171-000	20211603D029	Control panel L door	1
25	E108-607-000	20611603D010	Linking control anti static plate	1
26	E108-608-000	20611603D011	Display control static plate	1
27	E108-606-000	20611603D009	Anti-static plate	1

9.8 Back upper bracket Assy.



No.	Part No.	Code No.	Name	Qty
1	E108-172-000	20211603D037A	Dot matrix cover	1
2	E108-173-000	20211603D073A	Back top support bracket	1
3	E108-174-000	20211603D069	Hinge R	1
	E108-175-000	20211603D068	Hinge L	1
4	E108-512-000	20311603D010	Main panel top	1
5	E108-717-000	20511603D028	Main decal	1
6	E108-608-000	20611603D011	Anti-static plate 1	1
	E108-609-000	20611603D012	Anti- static plate 2	1

9.9.1 Light box Assy.

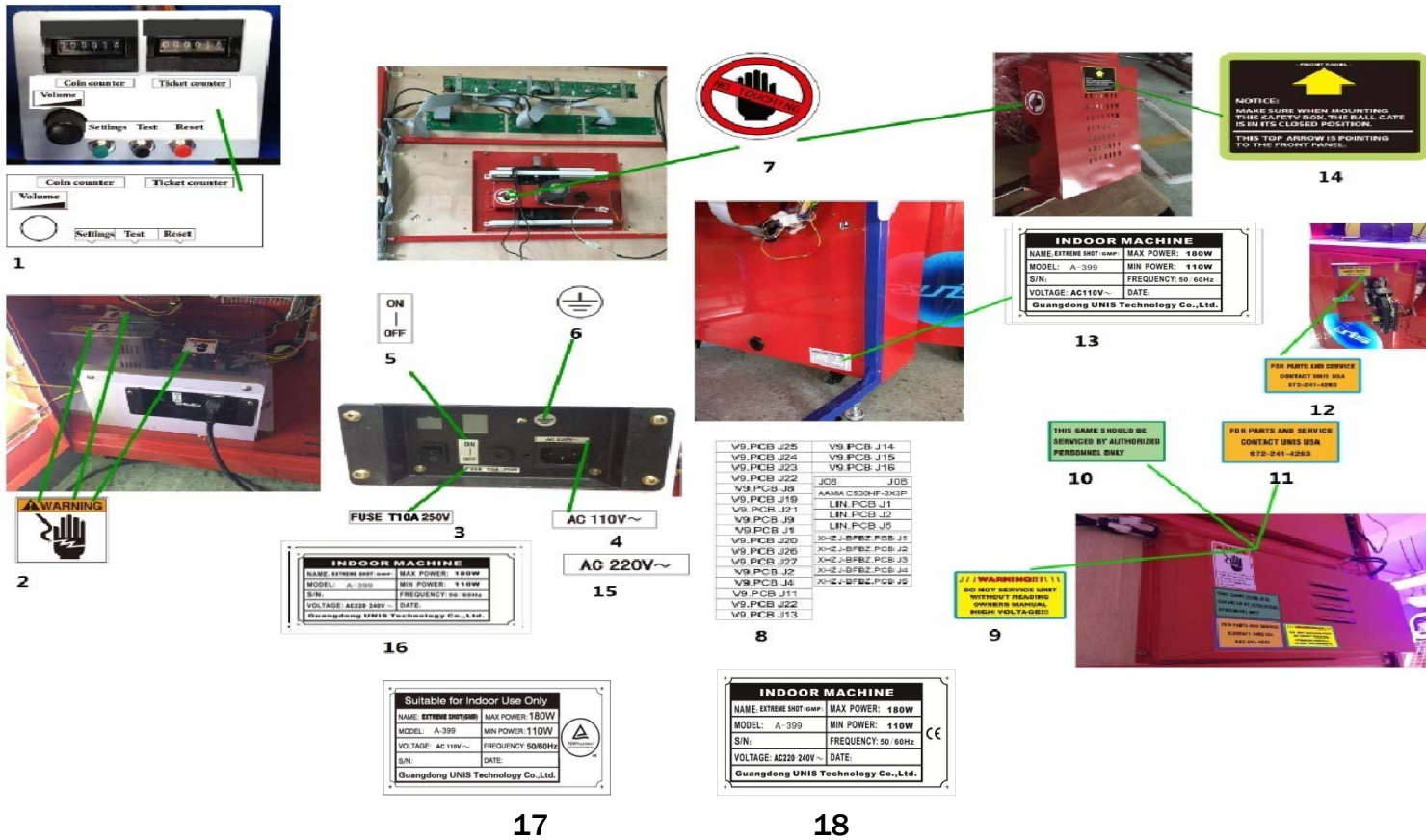


No.	Part No.	Code No.	Name	Qty
1	E108-718-000	20511603D030A	Light box decal	1
2	E108-901-000	22003080008	LED lights	1
3	E108-325-000	20211603D027A	Light box pedestal	1

9.10 Decal part

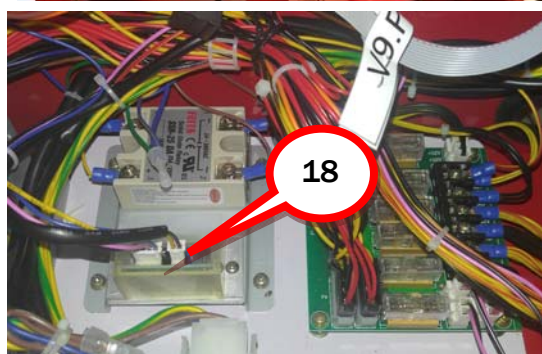
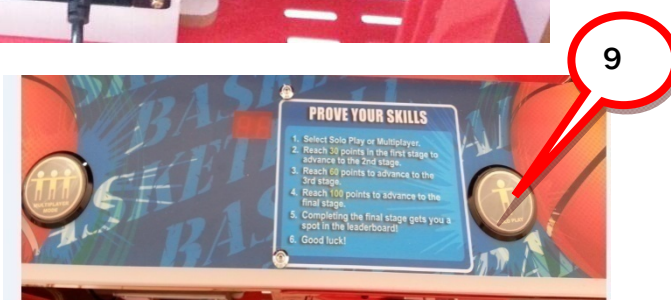
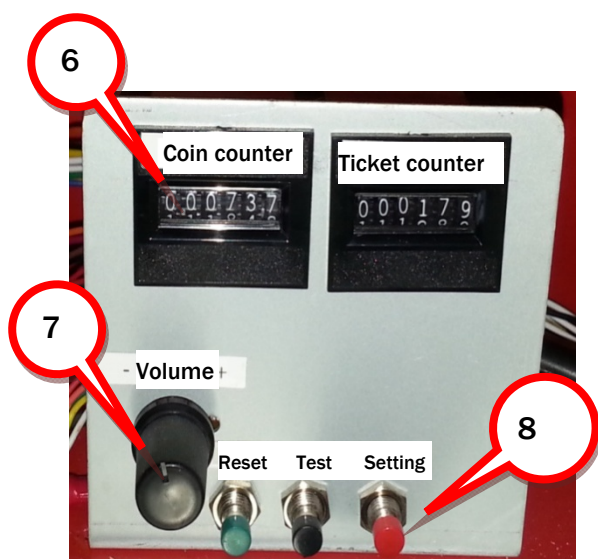
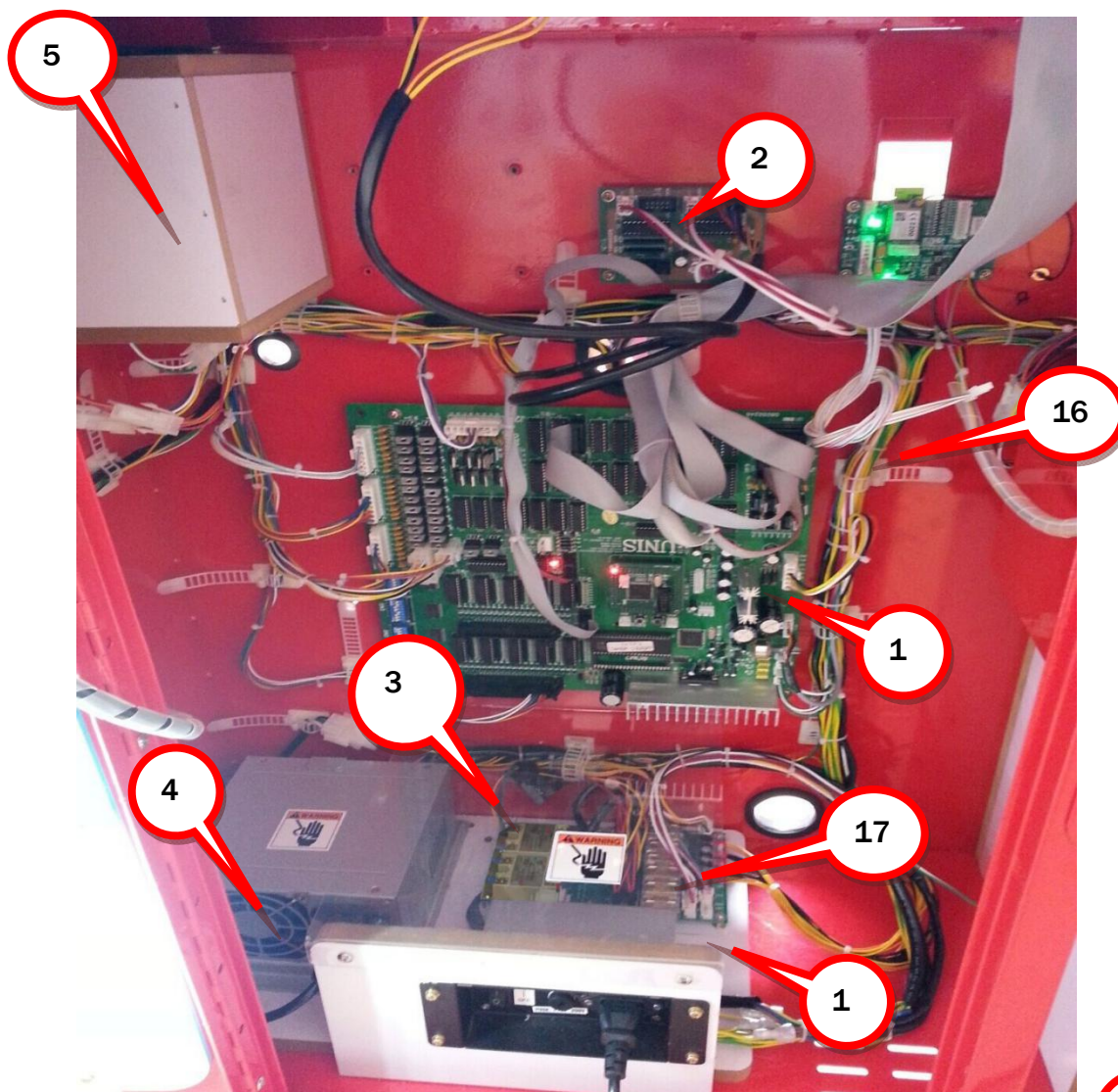


No.	Part No.	Code No.	Name	Qty
1	E108-701-000	20511603D043	Rear ball track	1
2	E108-702-000	20511603D042	Mid ball track	1
3	E108-703-000	20511603D041	Front ball track	1
4	E108-704-000	20511603D033	L side (Top) decal	1
5	E108-705-000	20511603D034	L side (Bottom) decal	1
6	E108-720-000	20511603D044	Mid gateway	1
7	E108-706-000	20511603D031A	Control panel decal	1
8	E108-707-000	20511603D045	Button decal	1
9	E108-708-000	20511603D032A	Front door light box decal	1
10	E108-740-000	25600000034	Ticket label	1
11	E108-718-000	20511603D030A	Light box decal	1
12	E108-716-000	20511603D029	Main decal bottom	1
	E108-717-000	20511603D028	Main decal top	1
13	E108-712-000	20511603D039	Fence R side decal	1
14	E108-713-000	20511603D040	Fence L side decal	1
15	E108-715-000	20511603D035	R side (Top) decal	1
16	E108-714-000	20511603D036	R side (Bottom) decal	1
17	E108-710-000	20511603D037	Control panel front (L) decal	1
18	E108-711-000	20511603D038	Control panel front (R) decal	1



No.	Part No.	Code No.	Name	Qty
1	E108-721-000	25600000101	meter label	1
2	E108-722-000	25600000036	High voltage warning (small)	3
3	E108-742-000	25600000077	Fuse T10A/250V	1
4	E108-724-000	25600000071	New voltage 110V	1
5	E108-725-000	25600000016	Power SW label A	1
6	E108-726-000	25600000091	New GND label	1
7	E108-727-000	25600000033	No touching label	2
8	E108-728-000	20511603D047A	Wiring label	1
9	E108-729-000	25600000067	Service label	1
10	E108-730-000	25600000042	Service label 1	1
11	E108-731-000	25600000095	New service label (L)	1
12	E108-732-000	25600000096	New service label (S)	1
13	E108-735-000	20511603D022A	Non-certification 220V nameplate	1
14	E108-734-000	20511013013	Gate motor cover decal	1
15	E108-737-000	25600000072	New voltage 220V	1
16	E108-733-000	20511603D021A	Non-certification 110V nameplate	1
17	E108-738-000	20511603D024A	TUV certification 110V nameplate	1
18	E108-736-000	20511603D023A	certification 220V nameplate	1

9.11 Electrical part





No.	Part No.	Code No.	Name	Qty
1	E108-414-000	29709030001	V9 board	1
2	E108-458-000	29711006006	Dot matrix drive PCB	1
3	E108-449-000	20211603D104A	Relay pedestal	1
	E108-457-000	22140000002	Solid-state relay	2
4	E108-417-000	21602000001	Power supply	1
5	E108-412-000	22801000047	Round speaker	1
6	E108-419-000	23000000006	Meter	2
7	E108-456-000	29791400003	POT connection board	1
	E108-421-000	22403000001	POT knob	1
8	E108-422-000	22402010002	Button(red)	1
	E108-424-000	22402030002	Button(black)	1
	E108-423-000	22402050001	Button(green)	1
9	E108-425-000	22401000079	Button with white light	2
	E108-436-000	22604000006	Micro SW	2
10	E108-166-000	22601000005	Rocket SW(S)	1
11	E108-470-000	21901000030B	Fuse(110V)	1
	E108-446-000	21901000012	Fuse(220V)	1
	E108-435-000	21902000006	Fuse base	1
12	E108-428-000	23201000001	Filter	1
13	E108-442-000	23301000004	Power cord	1
14	E108-455-000	29711606001	Display board	3
15	E108-415-000	21714000228	Dot matrix board	2
16	E108-434-000	23309000243	Wirings	1
17	E108-462-000	29711605001	Short circuit protection PCB	1
18	E108-418-000	20711413005	PCB assy.	1



No.	Part No.	Code No.	Name	Qty
1	E108-438-000	22002013002	Sides light	11.7
2	E108-451-000	22002016035	Marquee light	2
3	E108-439-000	22002015005	Speaker light	0.9
	E108-408-000	22801000055	Ellipse speaker	1
4	E108-413-000	22301000001	Coin mech.	1
5	E108-409-000	23100000005	Ticket dispenser	1
6	E108-460-000	22008010001	Indicator light	1
7	E108-461-000	22003000018	Button light	2
8	E108-404-000	21501000041	Reflect-sensor	2
	E108-407-000	21501000006	Sensor	1

10. WIRING DIAGRAM

