



(110V Version)



IMPORTANT



Be Sure
to Read this
Manual
Before Use



UNIS TECHNOLOGY

NOTE: Some portions of assembly may require additional assistance.

Operation Manual

WE ARE HERE TO ASSIST For parts and service



Have Questions? Contact us!

UNIS SERVICE CENTER

Tel: 972-241-4263

Email: service@unispartsandservice.com

www.unispartsandservice.com

When contacting Service, you will need the following information
and the name of your authorized distributor.

Suitable for Indoor Use Only	
NAME: Emoji Roller GMP	MAX POWER: 700W
MODEL: C-741	MIN POWER: 600W
VOLTAGE: AC 110V ~	FREQUENCY: 50/60Hz
S/N:	DATE:
Guangdong UNIS Technology Co.,Ltd.	

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Thank you for purchasing **Emoji Roller GMP**. 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: AC110V 50/60Hz;

Min. Power consumption: 600W

Max. Power consumption: 700W

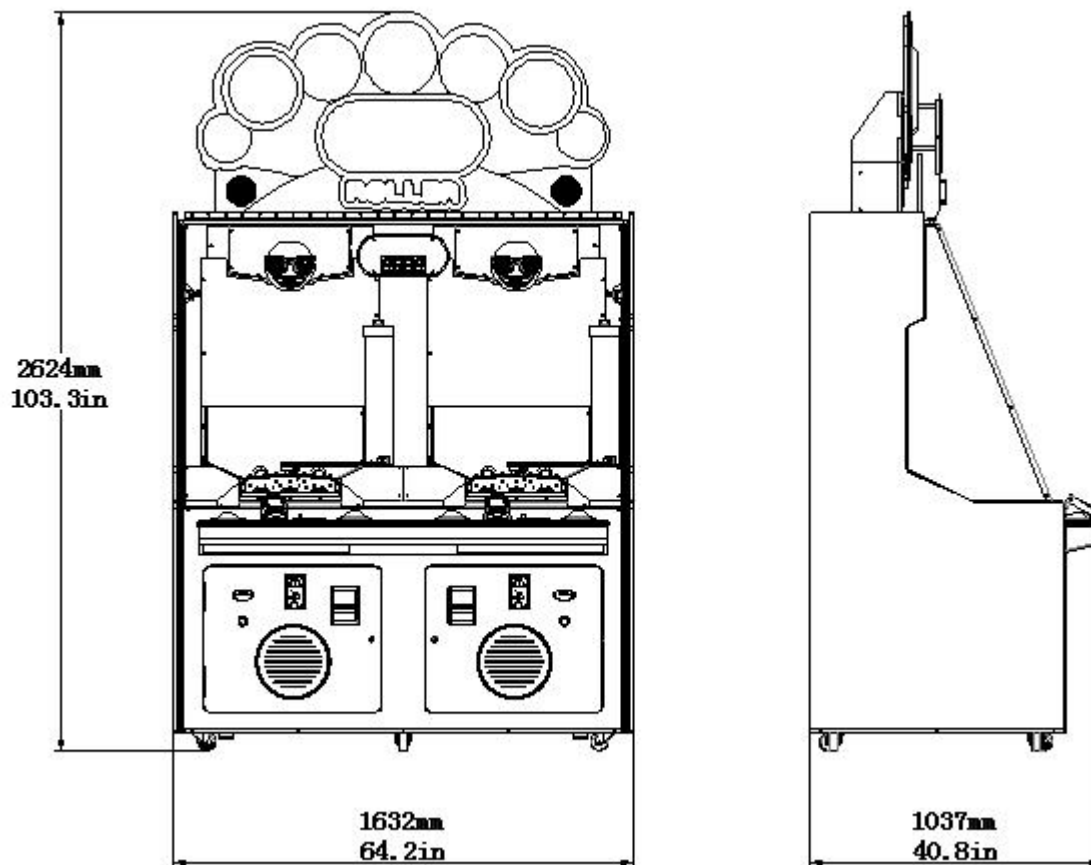
Dimension: H2624×W1632×D1037 mm

H103.3×W64.2×D40.8 in

Weight: Approximately 914.91lb/415 KG

Model No: C-741

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



Note: Game specifications are subject to change without notice.

2. CONTENTS OF THE ACCESSORY KIT

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

Following accessories

No.	Part No.	Code No.	Name/SPEC	Picture	Qty
1	E118-2101-00	201.01.900066	Cross recessed hexagon bolt set M6×30		4
2	E118-2102-00	201.01.030183	Cross recessed hexagon screw set M6×40		4
3	E118-2103-00	201.01.008023	Hexagon flat head screw M6×25		3
4	E118-2104-00	201.01.030024	Cross recessed pan head screw M4×12		2
5	E118-2105-00	2.53.00171002	171A key		2
6	E118-2106-00	2.53.00172002	171B key		1
7	E118-2109-00	2.33.01.010020	Power cord 3×16AWG 1.8M		1
8	E118-1840-00	2.19.01.000030B	Fuse Φ5×20mm T10A 250VAC		1
9	E118-1832-00	2.19.01.000012	Fuse Φ5×20mm T5A 250VAC		10
10	E118-2110-00	4.14.40000576	Manual		1

NOTE: Part models are subject to change without notice.

3. PART NAME

Key Components



4. SET UP & INSTALLATION

⚠ NOTICE

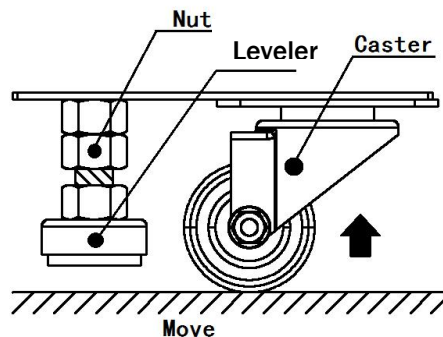
We do not recommend using power tools as they may cause damage.

⚠ **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.



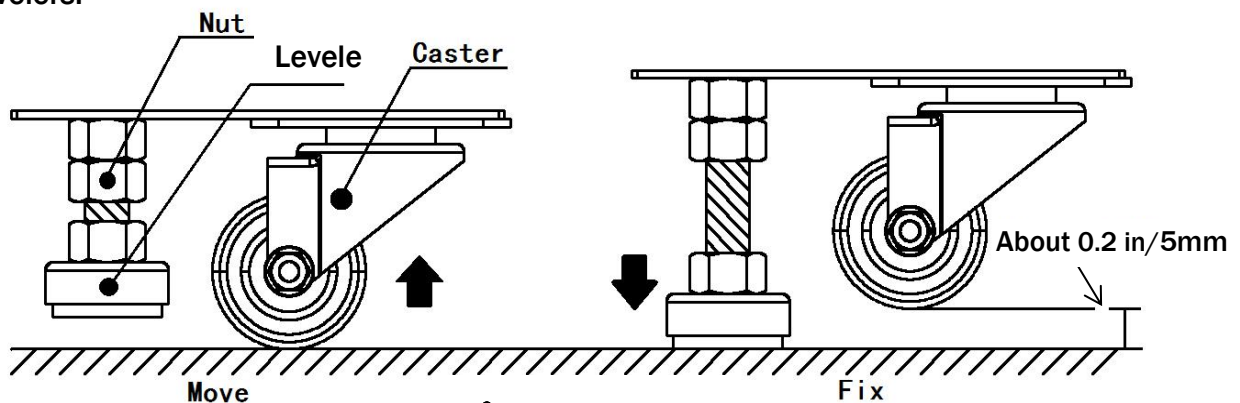
⚠ NOTICE

- 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 game on a flat surface. If the game is installed on an unsuitable floor, it could cause game malfunction.

To secure the game, loosen the nut, utilize wrench to adjust the leveler down until it touches the floor, lifting the casters off the ground by 0.2 in/5mm. Repeat the same for all levelers.



⚠ NOTICE

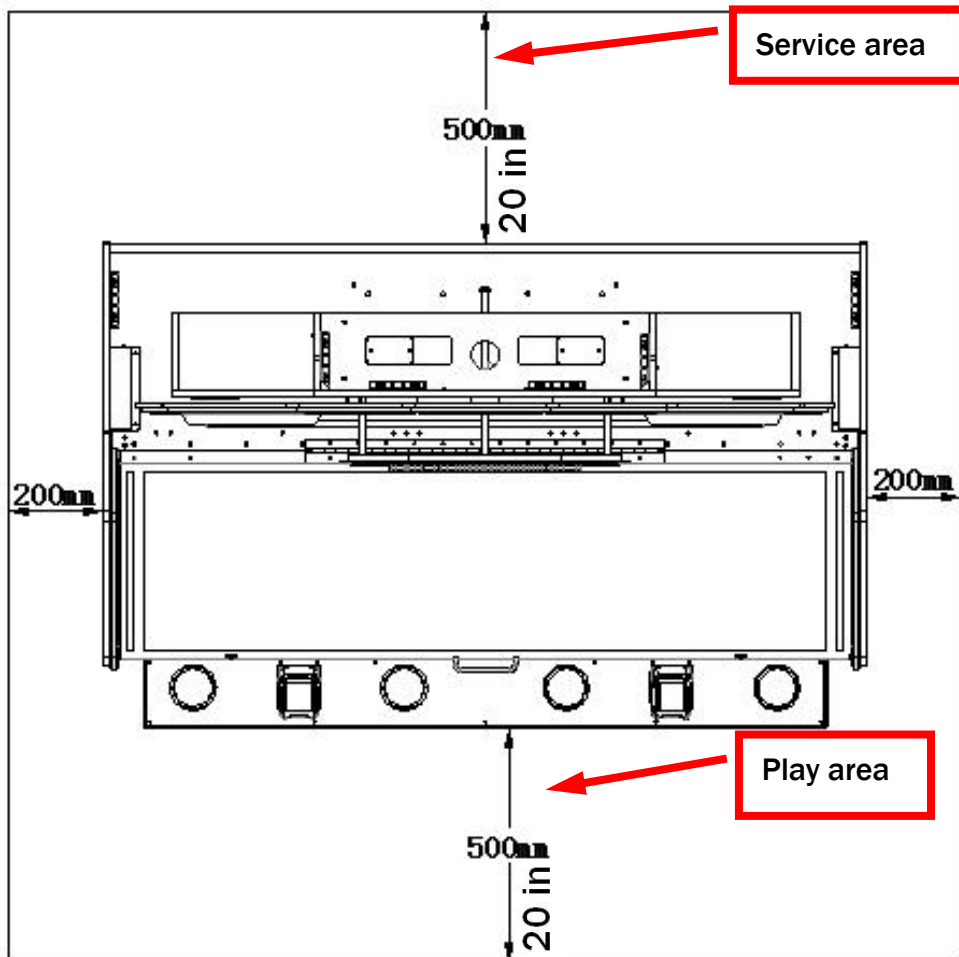
Make sure the machine is level.

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: 500 mm

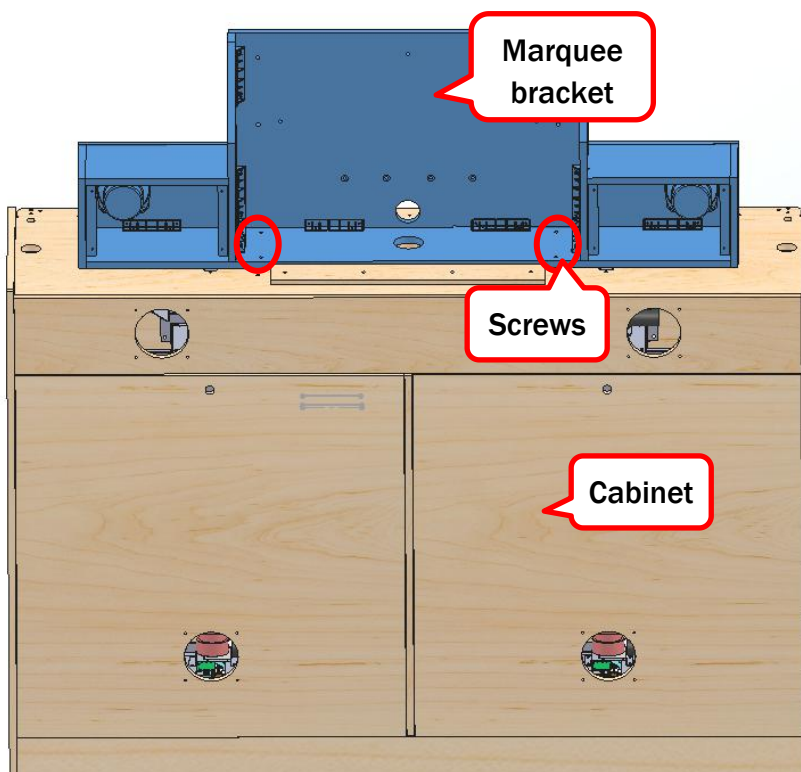


NOTICE

Your unit must be leveled to operate properly.

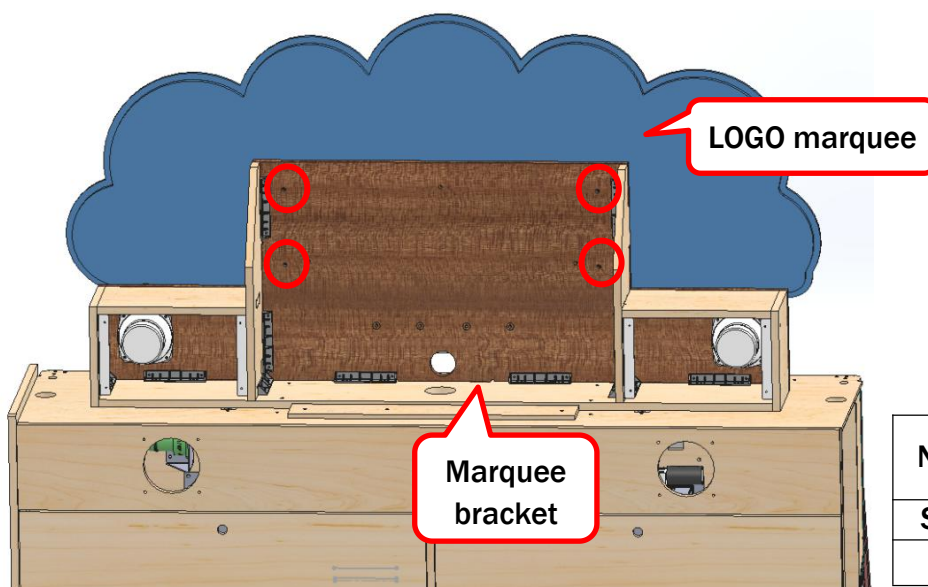
4.4 Machine Installation

Step 1 Place Marquee bracket to the top of the cabinet. Utilize screws to secure the Marquee bracket.



Name	Cross recessed hexagon screw set
Spec.	M6X40
Qty	4

Step 2 Place LOGO marquee to the Marquee bracket. Connect the connectors. Utilize screws to secure.

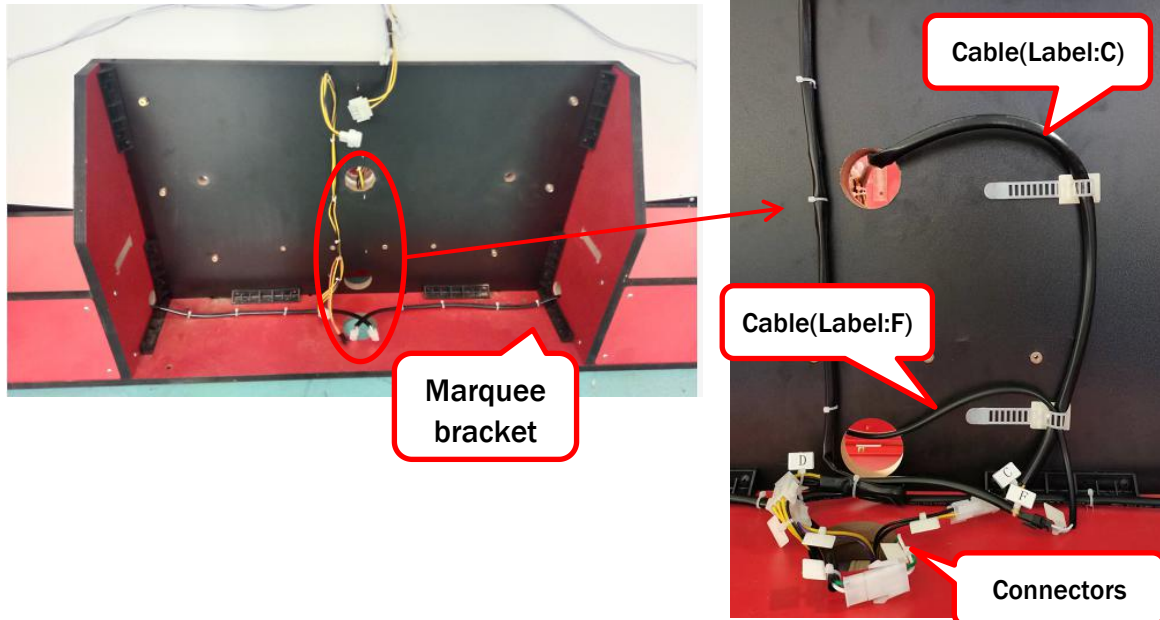


Name	Cross recessed hexagon screw set
Spec.	M6X40
Qty	4

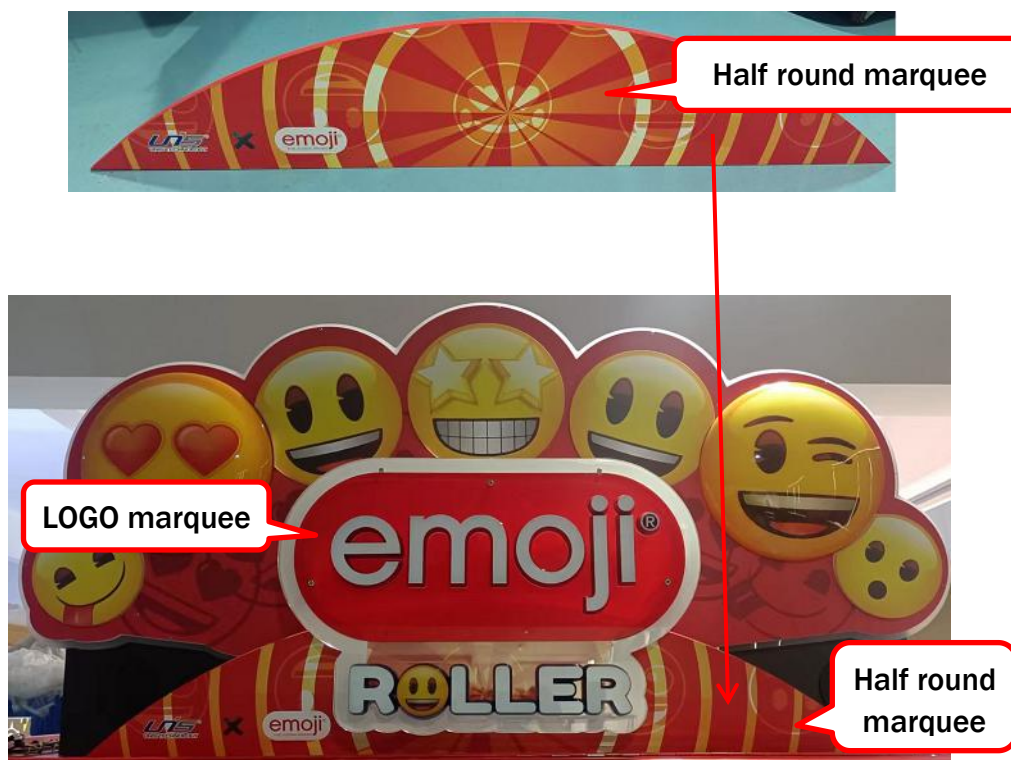
Step 3 Route the LOGO marquee cable(Label:C) to the Marquee bracket through the Upper hole.

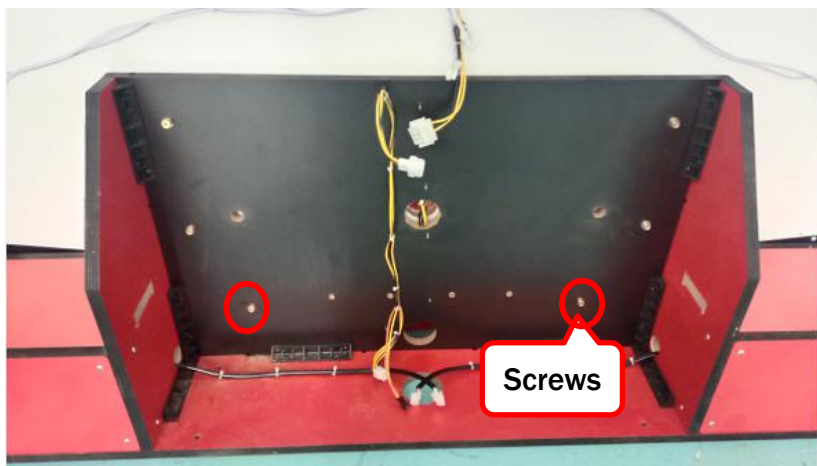
Route the LOGO marquee cable(Label:F) to the Marquee bracket through the Upper hole. Utilize cable tie to secure.

Connect the connectors.



Step 4 Place Half round marquee to the middle of the LOGO marquee. Utilize screws to secure Half round marquee to the Marquee bracket.





Name	Cross recessed hexagon bolt set
Spec.	M6X30
Qty	2

Finish!



4.5 Card Reader Installation Safety Notice



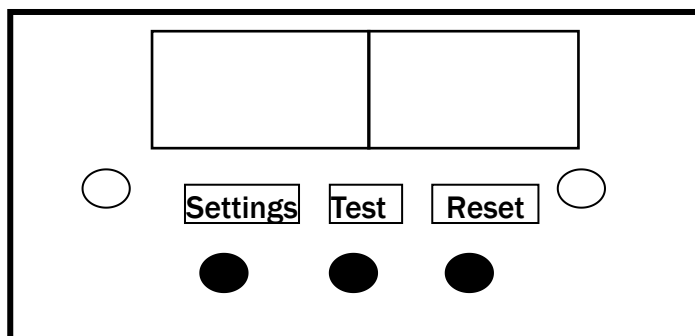
Take precaution to assure that all wiring voltages are confirmed prior to installation of card reader. All warranties are void if not properly installed resulting in logic board damage.

Important: This game is pre-wired to AAMA standards. It is highly recommended to utilize this wiring for Card reader installation.

5. LOCATION OPERATION INSTRUCTIONS

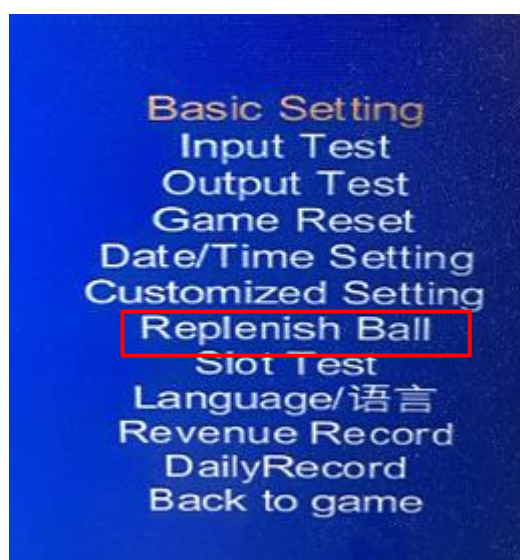
5.1 First Power On Operation

Step 1 Power on the machine. Open the coin door and there is a meter panel. Press Settings button to enter the setting menu.



Open the coin door and there is a meter panel. Press Settings button to enter the setting menu.

Step 2 Select "Replenish Ball". The machine will replenish ball to the play area.



6. HOW TO PLAY

1. Insert coins/Tap card to get the small ball. Track moving to change the drop direction of right small ball

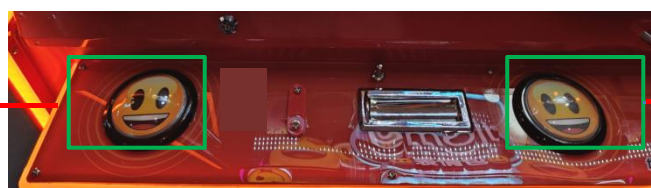
Left Track: To change the drop direction of left small ball



Right Track: To change the drop direction of right small ball

2. Press START button to release the small ball, Left button releases Left ball, Right button releases right ball.

Left START button



Right START button

3. Small ball hit Emoji holes to activate Spiral track. there will be small balls releasing from the spiral track and lights flashing.

Note: The number of spiral track small balls is based on the number displayed on the Emoji hole.

Left Emoji Hole to Activate the right spiral track



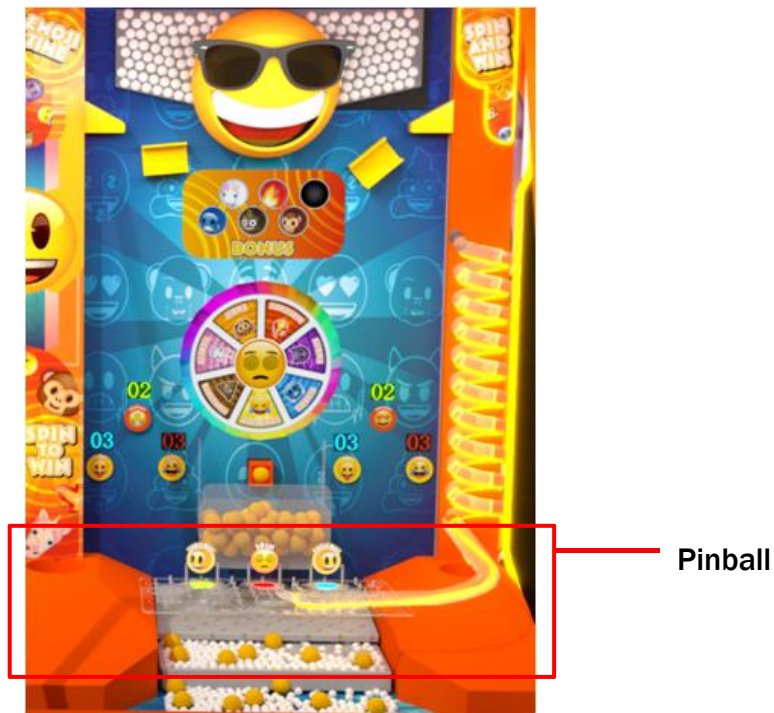
Right Emoji Hole to Activate the right spiral track

Small ball releasing hole



4. Small balls from Spiral track will go through the Pinball to the pushing table.

4.1 Any small ball passes through left/right Emoji Hole will win a Big ball(Yellow big ball or Emoji big ball randomly).



4.2 Big ball is released to the box through this exit.

If the box is full of big balls, more big balls will spill over to the pushing plate.



5. Any small ball passes through middle Emoji Hole will activate turntable lucky draw.



6. 6.1 If Small ball passes through any of the above 4 Emoji Holes, the player can get the same quantity of tickets as the number showed in the digital board.

6.2 Meanwhile, each Emoji Hole will be lighten up while a ball passing it.



6.3 Every time when 6 Emoji Holes are all lighten up, the tickets of digital boards will be doubled in a limit time.

6.4 The double feature can be continually activated in a limit time.



6 Emoji Holes

7. Ball Detection: Big & Small balls will be detected after pushing them down to Ball Sink to internal recycle.

Note: Internal Recycle: The small ball drops down to the bottom balls box, and will be transported back to the pushing plate.



Ball Types:

- 1) Small ball: white ball
- 2) Big ball: Yellow Ball
- 3) Big ball: Emoji Ball.

Note: Each big ball has different ticket values.

8. When the player wins an EMOJI TIME on the turntable, the top EMOJI marquee starts to shake up and down, producing sound effects and flashing lights.

Drop all the small balls from the box which is near the Emoji marquee to reward the player.



Top Marquee and small ball box



EMOJI TIME image

9. When the player wins an EMOJI DROP on the turntable, drop all the big balls from the bottom box.

The baffle of the Big ball box will open. All the big balls will fall to the pushing plate.

After the baffle is closed, the machine adds 10 Big balls automatically.

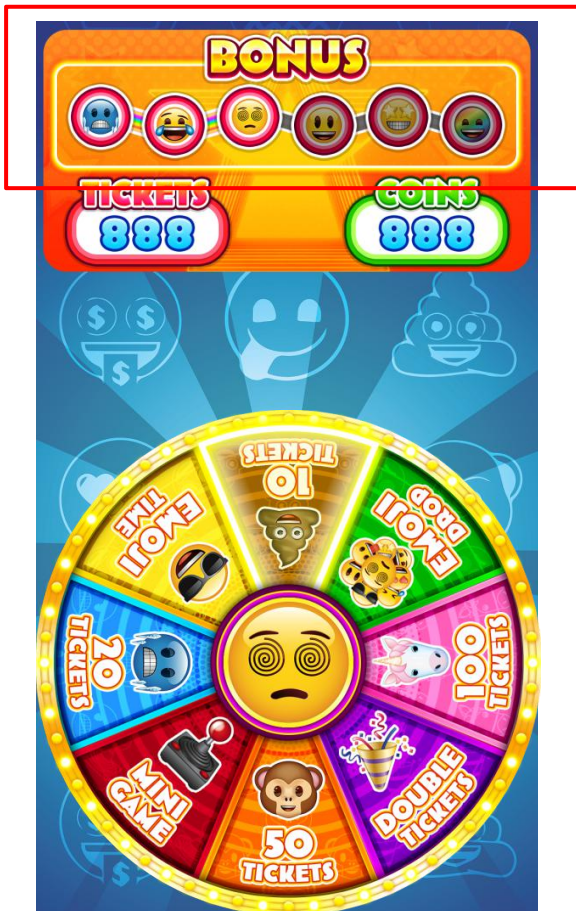


Big ball box



EMOJI DROP

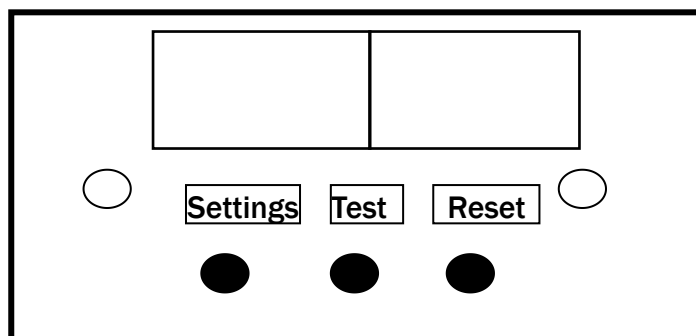
10. Collect 6 different Emoji balls to win BONUS prize.



6 Emoji balls

7. GAME OPTION

7.1 Adjustment button instruction



Open the coin door and there is a meter panel. Press Settings button to enter the setting menu.

7.2 DB Version (Default Software)

Note: Please use GMP recovery stick to install for the machine if needed.

7.2.1 Main menu

Options
Basic Setting
Input Test
Output Test
Game Reset
Date/Time Setting
Customized Setting

Options
Replenish Ball
Slot Test
Language/语言
Revenue Record
Daily Record
Game Update
Back to game

7.2.2 Basic Setting

Options	Status	Description
Free play	OFF/ON	
Pay Mode	Insert Coins_Tap Card_Insert Coins/Tap Card	
Pay out or not	OFF/ON	Ticket mode
Demo music	OFF/ON	
Data save when power-off	OFF/ON	
Volume	0-10	
Payout	20_25_30_35_40	Ticket rate
One coin for xx balls	1-20	Balls per game
Owing Tickets Mode	Store in memory_Call Attendant	
Back & Save		
Back		

7.2.3 Input Test

Options
Insert coins
Left Button
Right Button
Track Button
Left Ball falling Detection
Right Ball falling Detection
Spiral Track Detection
Left of monitor- Reward Left
Left of monitor- Reward Middle
Left of monitor- Reward Right
Right of monitor- Reward Left
Right of monitor- Reward Middle
Right of monitor- Reward Right
Front of Monitor- Reward Left
Front of Monitor-Reward Middle
Front of Monitor-Reward Right
Small Ball Replenish
Big Ball Replenish
Small Ball Detection Left
Small Ball Detection Right
Big Ball Detection
Shake Motor Infrared
Shake Motor State

Options
Shake Detection
Ball0
Ball1
Ball2
Ball3
Ball4
Ball5
Ball6
Small Ball Gate feedback after opening
BigBall Gate feedback after opening
Small Ball Fall Feedback
Count Ball
BigBall Identify Error
Motor Drive Plate Error
Small Ball Pool Replenish Error
BigBall Pool Replenish Error
L Falling Ball Error
R Falling Ball Error
Small Ball Gate Error
BigBall Gate Error
Spiral Track Error
Shake Motor Error
BigBall Detection Error
Back

7.2.4 Output Test

Options
Left Button Light
Right Button Light
Track Button Light
Side Broad Light
Front Door Frame Light
Ceiling Light
Spiral track Light
Spiral Light
Console Light
Left of Monitor- Left Reward Light
Left of Monitor- Middle Reward Light
Left of Monitor- Right Reward Light
Right of Monitor - Left Reward Light
Right of Monitor - Middle Reward Light
Right of Monitor - Right Reward Light
Front of Monitor - Left Reward Light
Front of Monitor - Middle Reward Light
Front of Monitor - Right Reward Light
Lack Of Ticket Light
Ticket Machine Drive
Push Plate Motor

Options
Small Ball Gate Light
BigBall Gate Light
Small Ball Pool Gate On
Small Ball Pool Gate Off
Big Ball Pool Gate On
Big Ball Pool Gate Off
Shake Motor
Count Ball Motor
Track Rotation Motor
Bonus Light State^Bonus
Lock Coin
Coin Counter
Ticket Counter
Small Ball Pool Replenish
Big Ball Pool Replenish
Shoot Ball Left
Shoot Ball Right
Spiral slide Shoot Ball
Back

7.2.5 Game Reset

Options
Reset to Factory Settings
Reset Basic Setting
Reset Customized Setting
Delete all data record
Delete Owing Tickets
Delete coins left
Back

7.2.6 Date/Time Setting

Options	Status
Year	2010-2100
Month	1-12
Day	1-31
Hour(24)	0-23
Minute	0-59
Second	0-59
Back & Save	
Back	

7.2.7 Customized Setting

Options	Status	Description
Two Tickets Equals to One	OFF_ON	Divided By 2
Shake Detection	OFF_ON	
Bonus Award Min Value	500-6000	
Back & Save		
Back		

7.2.8 Replenish Ball: Replenish ball to the machine

7.2.9 Slot Test: Test the entry data of each slot.

7.2.10 Revenue Record

Player	Coins	Tickets	Payout	Cards
NON RESETTABLE POINTS				
NON RESETTABLE TICKETS				
Back				

7.2.11 Daily Record

Date	Weekday	RunTime	Coins	Tickets	Payout	Server Coins	Cards
Clear							
Back							

7.3 GMP Version(Spare Software)

Note: Please use GMP recovery stick to install for the machine if needed.

7.3.1 Main menu

Options	Options
Basic Setting	Replenish Ball
Input Test	Slot Test
Output Test	Language/语言
Game Reset	Bookkeeping
Date/Time Setting	Daily Record
Customized Setting	Game Update
	Back to game

7.3.2 Basic Setting

Options	Status	Description
Free play	OFF/ON	
Pay Mode	Insert Coins_Tap Card_Insert Coins/Tap Card	
Pay out or not	OFF/ON	Ticket mode
Demo music	OFF/ON	
Data save when power-off	OFF/ON	
Volume	0-10	
Avg tickets / ball	5-20	One ball for xx tickets.
Balls / game	1-10	Balls per game
Owing Tickets Mode	Store in memory_Call Attendant	
Back & Save		
Back		

7.3.3 Input Test

Options
Insert coins
Left Button
Right Button
Track Button
Left Ball falling Detection
Right Ball falling Detection
Spiral Track Detection
Left of monitor- Reward Left
Left of monitor- Reward Middle
Left of monitor- Reward Right
Right of monitor- Reward Left
Right of monitor- Reward Middle
Right of monitor- Reward Right
Front of Monitor- Reward Left
Front of Monitor-Reward Middle
Front of Monitor-Reward Right
Small Ball Replenish
Big Ball Replenish
Small Ball Detection Left
Small Ball Detection Right
Big Ball Detection
Shake Motor Infrared
Shake Motor State

Options
Shake Detection
Ball0
Ball1
Ball2
Ball3
Ball4
Ball5
Ball6
Small Ball Gate feedback after opening
BigBall Gate feedback after opening
Small Ball Fall Feedback
Count Ball
BigBall Identify Error
Motor Drive Plate Error
Small Ball Pool Replenish Error
BigBall Pool Replenish Error
L Falling Ball Error
R Falling Ball Error
Small Ball Gate Error
BigBall Gate Error
Spiral Track Error
Shake Motor Error
BigBall Detection Error
Back

7.3.4 Output Test

Options
Left Button Light
Right Button Light
Track Button Light
Side Broad Light
Front Door Frame Light
Ceiling Light
Spiral track Light
Spiral Light
Console Light
Left of Monitor- Left Reward Light
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Left of Monitor- Right Reward Light
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Right of Monitor - Middle Reward Light
Right of Monitor - Right Reward Light
Front of Monitor - Left Reward Light
Front of Monitor - Middle Reward Light
Front of Monitor - Right Reward Light
Lack Of Ticket Light
Ticket Machine Drive
Push Plate Motor

Options
Small Ball Gate Light
BigBall Gate Light
Small Ball Pool Gate On
Small Ball Pool Gate Off
Big Ball Pool Gate On
Big Ball Pool Gate Off
Shake Motor
Count Ball Motor
Track Rotation Motor
Bonus Light State^Bonus
Lock Coin
Coin Counter
Ticket Counter
Small Ball Pool Replenish
Big Ball Pool Replenish
Shoot Ball Left Motor
Shoot Ball Right Motor
Spiral slide Shoot Ball Motor
Back

7.3.5 Game Reset

Options
Reset to Factory Settings
Reset Basic Setting
Reset Customized Setting
Delete all data record
Delete Owing Tickets
Delete coins left
Back

7.3.6 Date/Time Setting

Options	Status
Year	2010-2100
Month	1-12
Day	1-31
Hour(24)	0-23
Minute	0-59
Second	0-59
Back & Save	
Back	

7.3.7 Customized Setting

Options	Status
Two Tickets Equals to One	OFF_ON
Shake Detection	OFF_ON
Bonus Award Min Value	500-6000
Back & Save	
Back	

7.3.8 Replenish Ball: Replenish ball to the machine

7.3.9 Slot Test: Test the entry data of each slot.

7.3.10 Bookkeeping

Player	Coins	Tickets	Payout	Cards
NON RESETTABLE POINTS				
NON RESETTABLE TICKETS				
Back				

7.3.11 Daily Record

Date	Weekday	RunTime	Coins	Tickets	Payout	Server Coins	Cards
Clear							
Back							

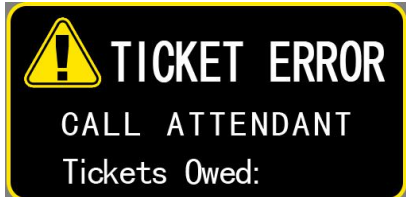
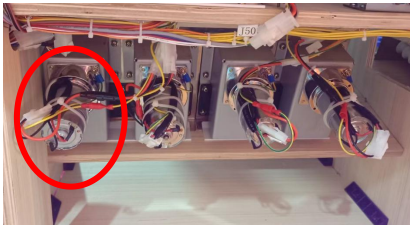
8. TROUBLESHOOTING

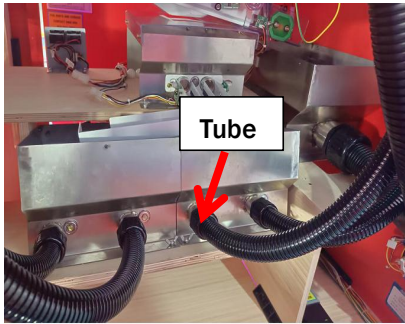
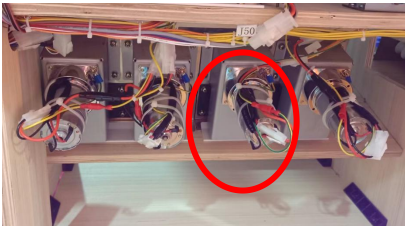
8.1 Common Problem

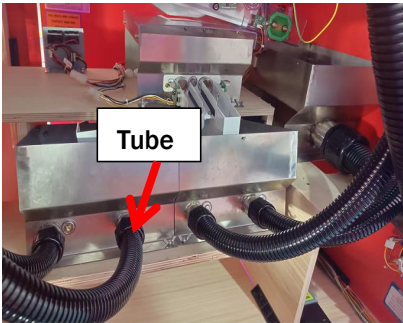
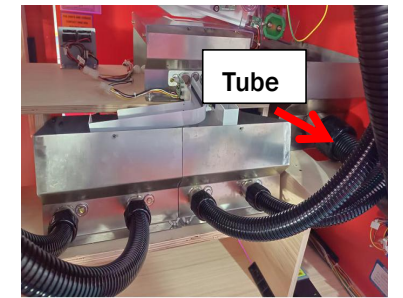
Please confirm that all connectors fit tightly.

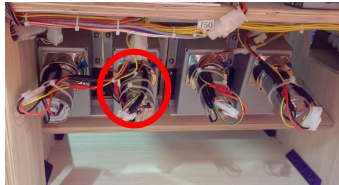
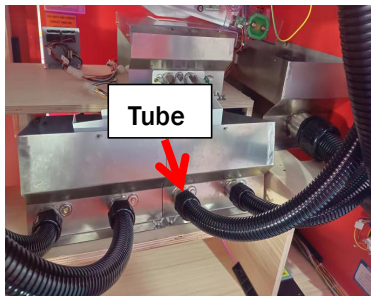
Symptom	Possible Cause	Recommended action
Game will not start	Frame assembly connector is loose.	Check connector.
	Frame assembly fault	Contact with UNIS Service.
Power off	Circuit protector make power SW in off state.	Turn on power SW again. If appeared again and again, machine has anomaly. Please contact with UNIS Service.
Card reader not working	The connector is loose.	Check connector.
	Card reader fault.	Check with card reader manufacturer.
No ticket dispensing	Out of ticket.	Add ticket and press reset button
	Ticket jamming.	Remove the jammed tickets and press reset button.
	The connector is loose.	Plug the connector tightly.
No sound	Low volume	Raise the volume.
	Connector loose.	Check connector.
	Speaker fault.	Check speaker.
	POT installation error.	Install POT correctly.
	POT fault.	Change POT.
Display black screen	Audio cable problem.	Reconnect the audio cable or change it.
	Check connectors.	Plug in connector tightly
Display blue screen	Display fault.	Utilize another source such as a PC to verify if the display is operational.
	VGA signal cable is loose.	Check VGA cable

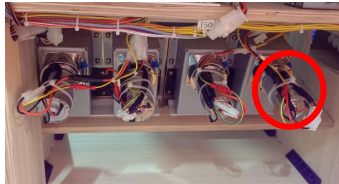
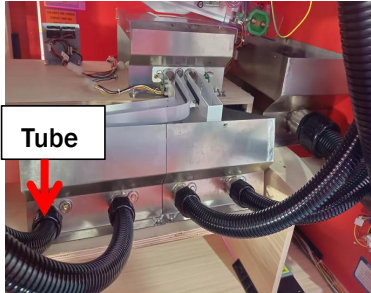
If you see following error signs showing on the display, please try the recommended action.

Display	Possible Cause	Recommended action
	The connection part of the Android board and U3 mainboard is loose.	Check and reconnect the loose part of the U3 mainboard or Android board.
	Cable became loose during transport.	Check and reconnect the loose cables of Android board.
	Cable quality problem	Change the cable after checking the connection between Android board and U3 mainboard.
	Android board or U3 mainboard is faulty.	Reboot the game after checking connection and cable problem, if the problem remains unresolved, please call the service department for assistance.
	Ticket jam	Remove jammed tickets.
	Out of ticket	Refill with tickets.
	Loose connection of the ticket dispenser	Check and reconnect the loose cables to the ticket dispenser.
	Ticket dispenser is faulty.	Change the ticket dispenser.
	Out of ticket.	Refill ticket
	Left small ball releasing hole sensor is faulty.	Replace sensor.
	Motor is faulty.	Replace motor. 
	Motor fuse is broken.	Replace motor fuse. 

Display	Possible Cause	Recommended action
 THE BALL EJECT FUNCTION ON THE LEFT SIDE IS FAULT	Motor drive board J3 connector loose during transport.	Check and reconnect the loose connector of Motor drive board.
	Motor drive board is faulty.	Replace Motor drive board.
	Fuse is broken.	Replace fuse. (P1 machine replace F9 fuse. P2 machine replace F21 fuse)
	Ball jam.	Check the tube and remove jammed balls. 
 THE BALL EJECT FUNCTION ON THE RIGHT SIDE IS FAULTY	Right small ball releasing hole sensor is faulty.	Replace sensor.
	Motor is faulty.	Replace motor. 
	Motor fuse is broken.	Replace motor fuse. 
	Motor drive board J3 connector loose during transport.	Check and reconnect the loose connector of Motor drive board.
	Motor drive board is faulty.	Replace Motor drive board.
	Fuse is broken.	Replace fuse. (P1 machine replace F10 fuse. P2 machine replace F22 fuse)

Display	Possible Cause	Recommended action
 THE BALL EJECT FUNCTION ON THE RIGHT SIDE IS FAULTY	Ball jam.	Check the tube and remove jammed balls. 
 LAN DISCONNECTED	Network cable problem	Check the network cable on the Android board. If the network cable is faulty, change it.
 BIG BALL POOL REFILL BALL FAILURE	Big ball pool motor faulty.	Replace Big ball pool motor. 
	Fuse is broken.	Replace fuse. (P1 machine replace F11 fuse. P2 machine replace F23 fuse)
	Motor drive board J3 connector loose during transport.	Check and reconnect the loose connector of Motor drive board.
	Motor drive board is faulty.	Replace Motor drive board.
	Ball jam.	

Display	Possible Cause	Recommended action
 SMALL BALL POOL REFILL BALL FAILURE	Motor is faulty.	Replace Motor. 
	Motor fuse is broken.	Replace motor fuse. 
	Fuse is broken.	Replace fuse. (P1 machine replace F9 fuse. P2 machine replace F21 fuse)
	Motor drive board J4 connector loose during transport.	Check and reconnect the loose connector of Motor drive board.
	Motor drive board is faulty.	Replace Motor drive board.
	Ball jam.	
 MOTOR DRIVER BOARD COMMUNICATION FAILURE	Motor control drive board is faulty.	Replace Motor control drive board.
	Cable became loose during transport.	Check and reconnect the loose cables of U3 mainboard.
	U3 mainboard is faulty.	Replace U3 mainboard.
	Fuse is broken.	Replace fuse. (P1 machine replace F8 fuse. P2 machine replace F20 fuse)

Display	Possible Cause	Recommended action
 BIG BALL IDENTIFIER COMMUNICATION FAILURE	Reader is faulty.	Replace Reader.
	Cable became loose during transport.	Check and reconnect the loose cables of U3 mainboard.
	U3 mainboard is faulty.	Replace U3 mainboard.
 SPIRAL SLIDE ERROR	Motor is faulty.	Replace Motor. 
	Motor fuse is broken.	Replace motor fuse. 
	Motor drive board J4 connector loose during transport.	Check and reconnect the loose connector of Motor drive board.
	Motor drive board is faulty.	Replace Motor drive board.
	Fuse is broken.	Replace fuse. (P1 machine replace F10 fuse. P2 machine replace F22 fuse)
	Ball jam.	
 PUSH PLATE ERROR	Push plate motor is faulty.	Replace Push plate motor.
	Relay is faulty.	Replace Relay.

Display	Possible Cause	Recommended action
 BIG BALL IDENTIFICATION ERROR	Reflect sensor board is faulty.	Replace Reflect sensor board.
	Reflect sensor board is blocked by Big ball.	Remove Big ball.
 PENDULUM CHECK	Install the machine on an unsuitable floor.	Install this game on a flat surface. Adjust the leveller.

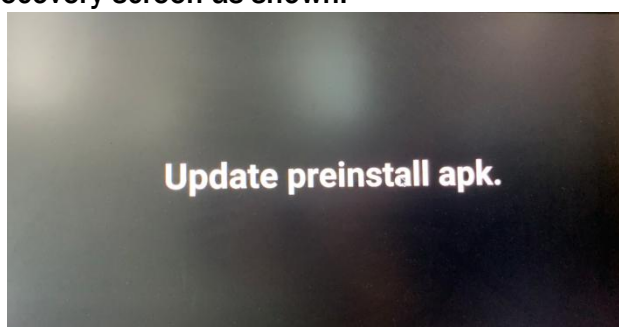
8.2 System Recovery Operation **(NOTE: Do not disconnect power during this process.)**

1. Turn off the game. Remove the recovery stick from the holder. (Note: This process may take up to 30s)

2. Turn game on. Insert the recovery stick into the port of the Android board.

Note: Don't insert the recovery stick into your Android board while is powering on the machine.

2. The system recovery screen as shown.



3. The game will automatically start recovery.

4. Once system recovery is finished and the Game list screen appear, remove the recovery stick from the Android board.

5. Assure that the recovery stick has been properly secured for future use.



WARNING: The recovery stick should only be used to fix software errors. Using it for other purposes may cause unexpected results and damages.

9. MAINTENANCE & INSPECTION

9.1 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 to 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.

9.2 Handling Precautions

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

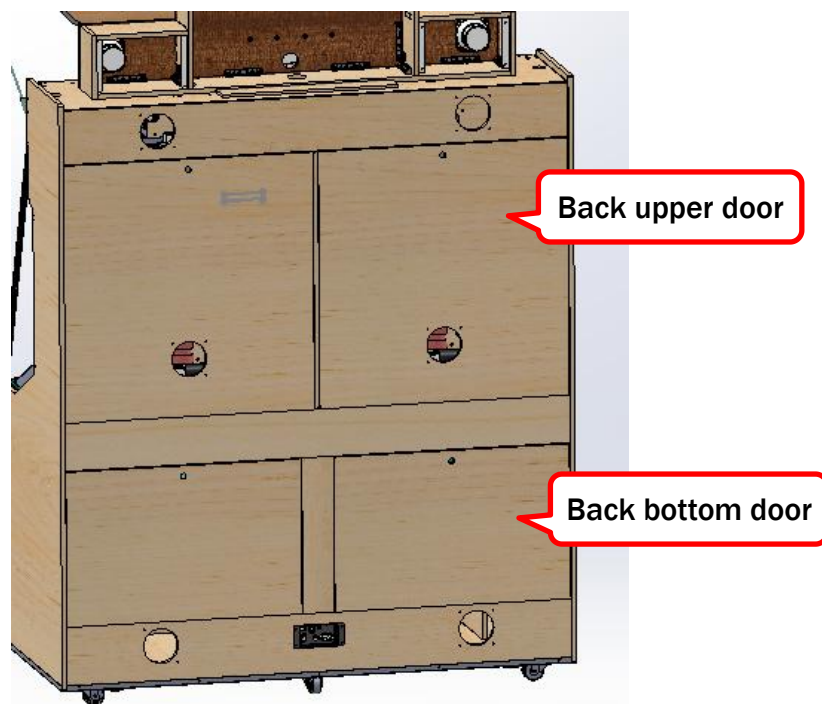
Inappropriate handling running counter to the cautionary matters can cause personal injury or damage to the machine.

NOTICE

We do not recommend using power tools as they may cause damage.

9.3 Ball Tube Replacement Instruction

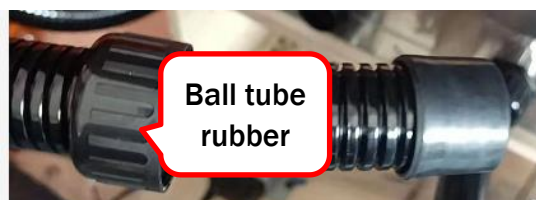
Step 1 Power off the machine. Open the Back upper&bottom door.



Step 2 Locate Ball tube. Turn the Ball tube cover counterclockwise to take Ball tube out.

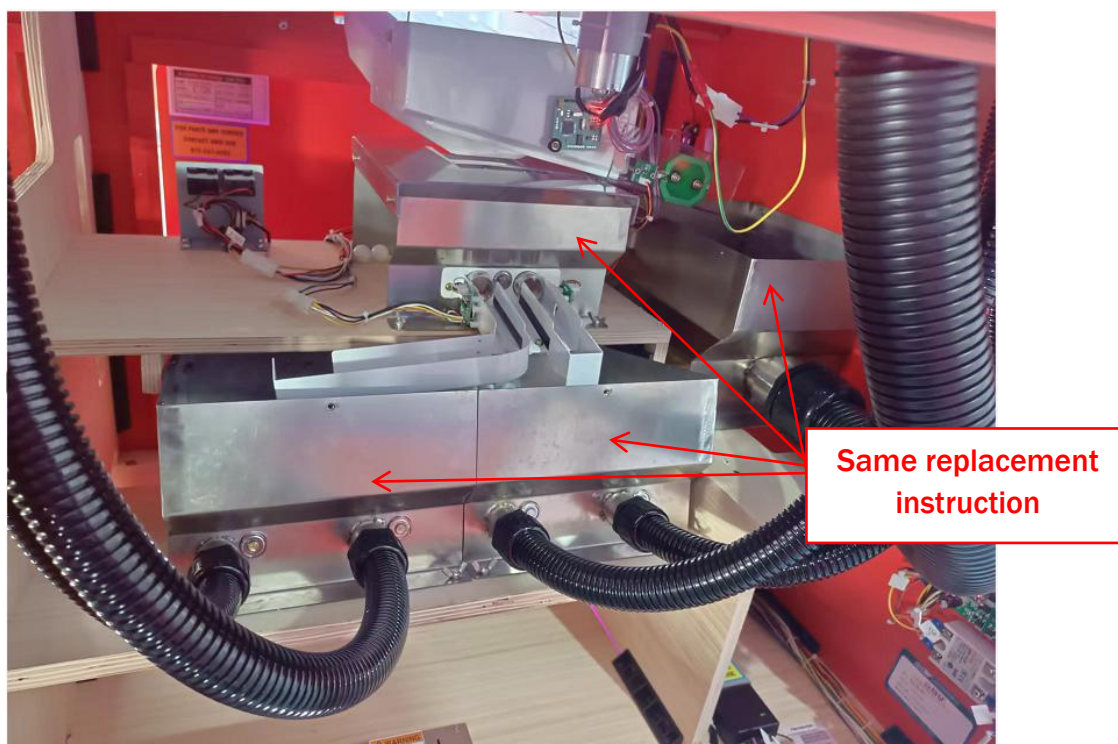


Step 3 Remove Ball tube rubber from the ball tube. Replace it with new Ball tube and install it in reversed order.

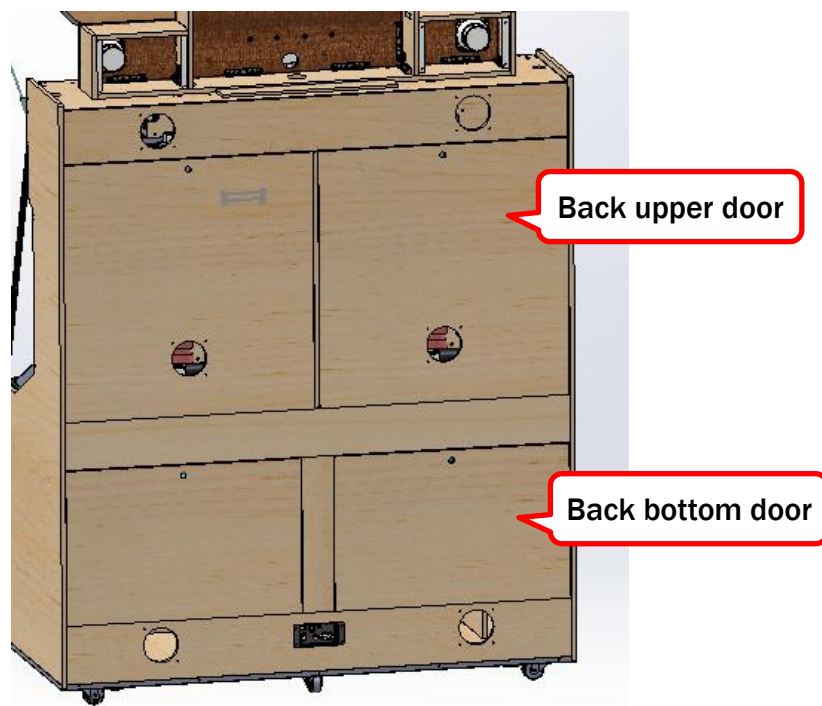


9.4 Ball-Up Mechanism Motor Replacement Instruction

Notice: It is same replacement instruction for this 4 Ball-Up Mechanisms.



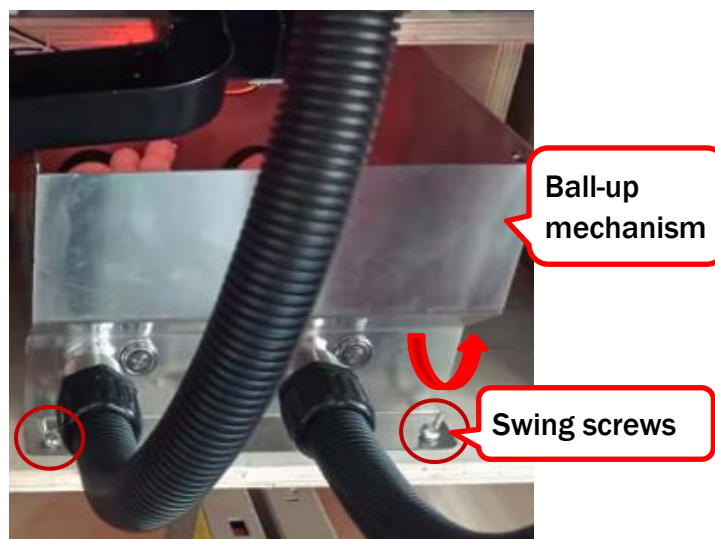
Step 1 Power off the machine. Open the Back upper&bottom door.



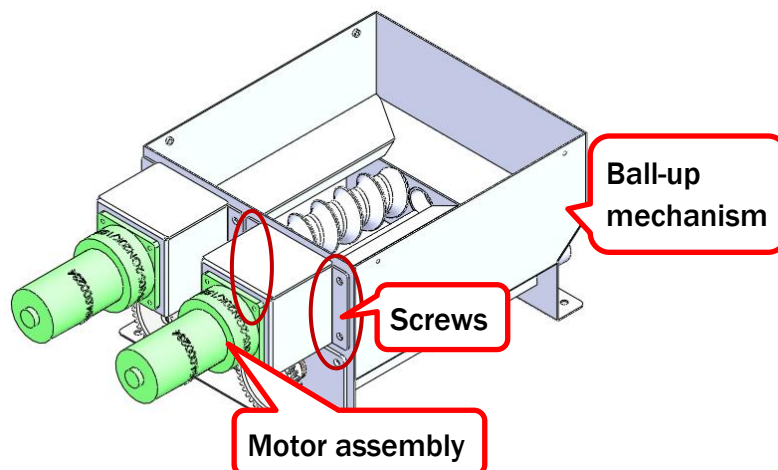
Step 2 Locate Ball tube. Turn the Ball tube cover counterclockwise to take Ball tube out.



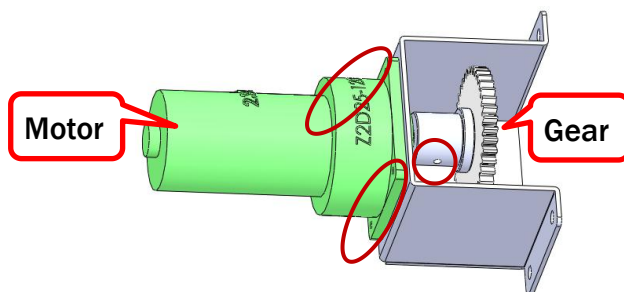
Step 3 Turn the Swing screws counterclockwise to take Ball-up mechanism out. Unplug the connector



Step 4 Locate Ball-up mechanism. Loosen screws to remove Motor assembly.



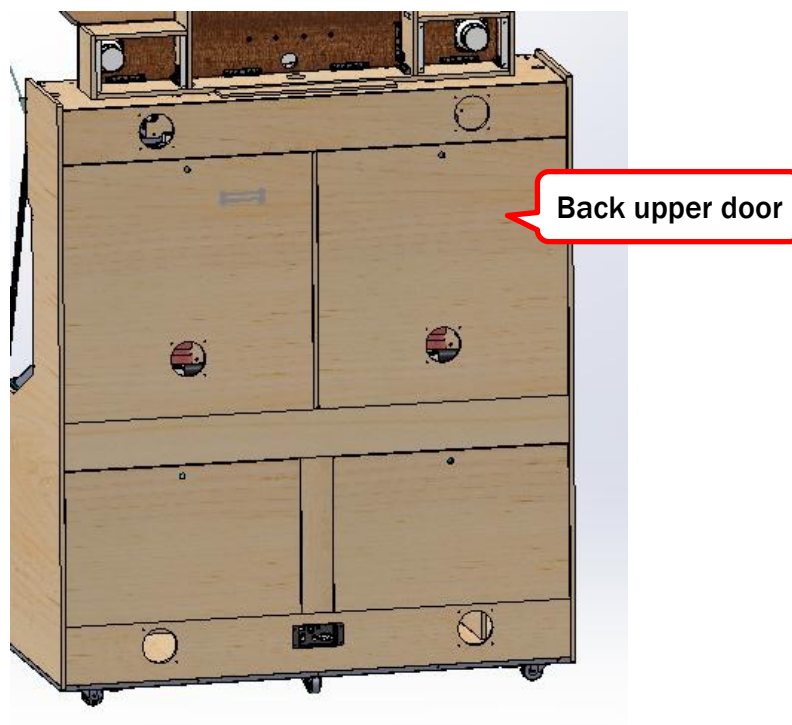
Step 5 Loosen screws to remove gear. Loosen 4 screws to remove Motor.



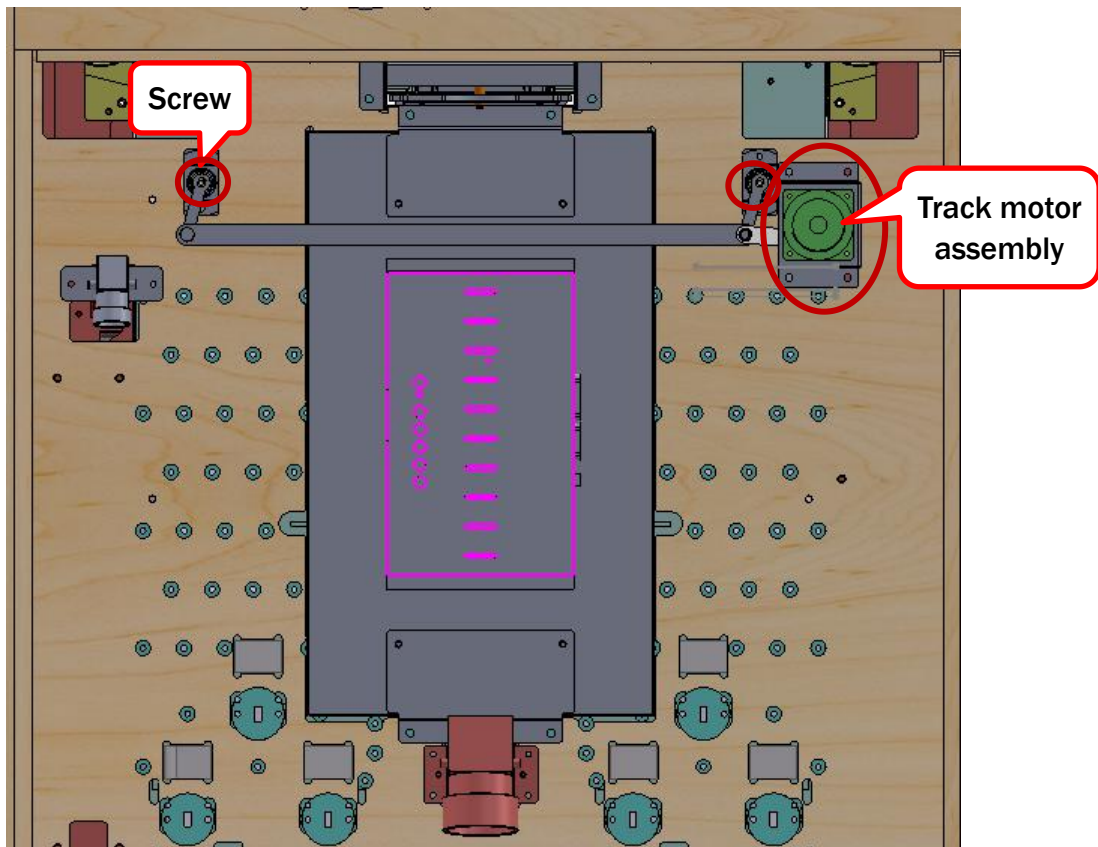
Step 6 Replace it with new motor and install it in reversed order.

9.5 Track Motor Replacement Instruction

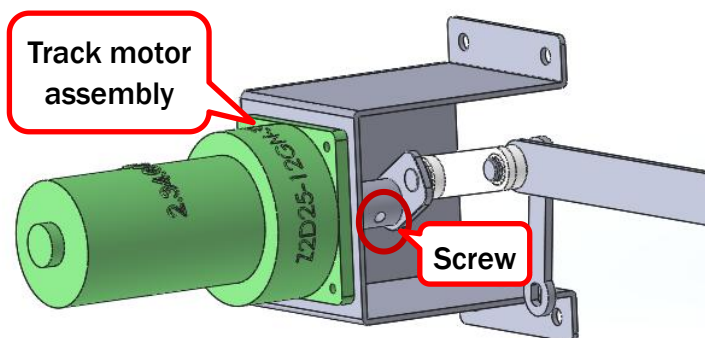
Step 1 Power off the machine. Open the Back upper door.



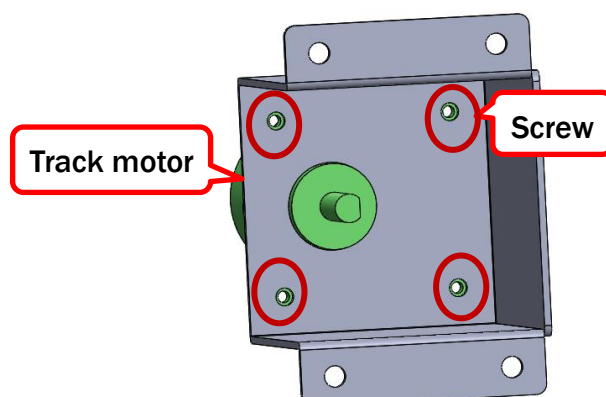
Step 2 Loosen 2 screws shown below and Track motor fixing plate screws.



Step 3 Locate Track motor assembly. Loosen screws to remove Track motor assembly. Unplug the connector.



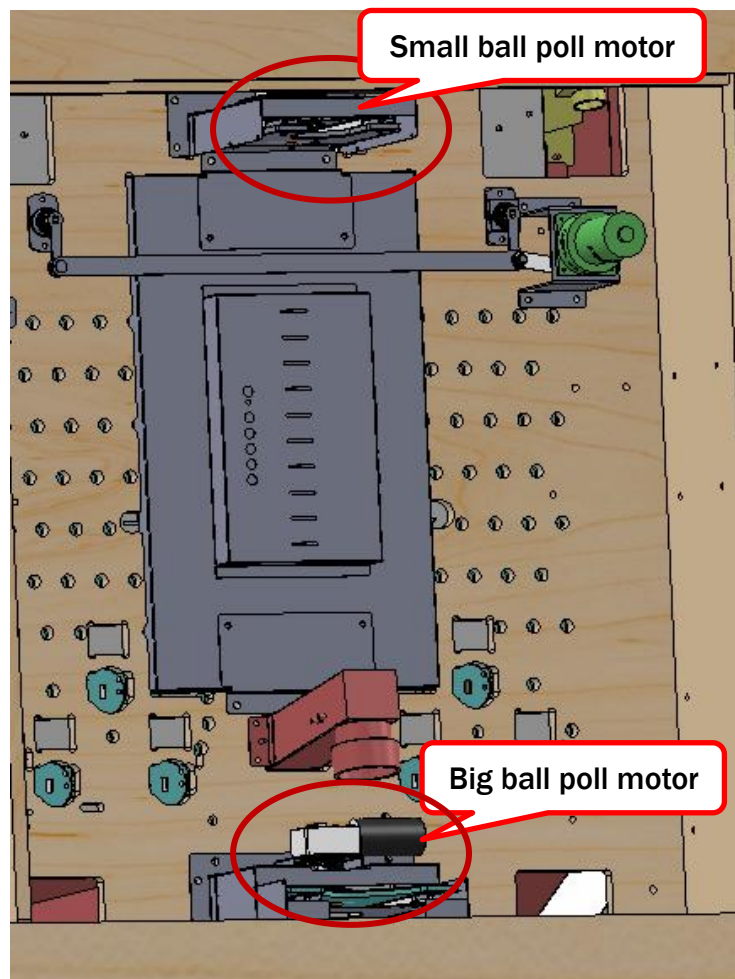
Step 4 Loosen 4 screws to remove Track motor. Replace it with new Track motor and install it in reversed order.



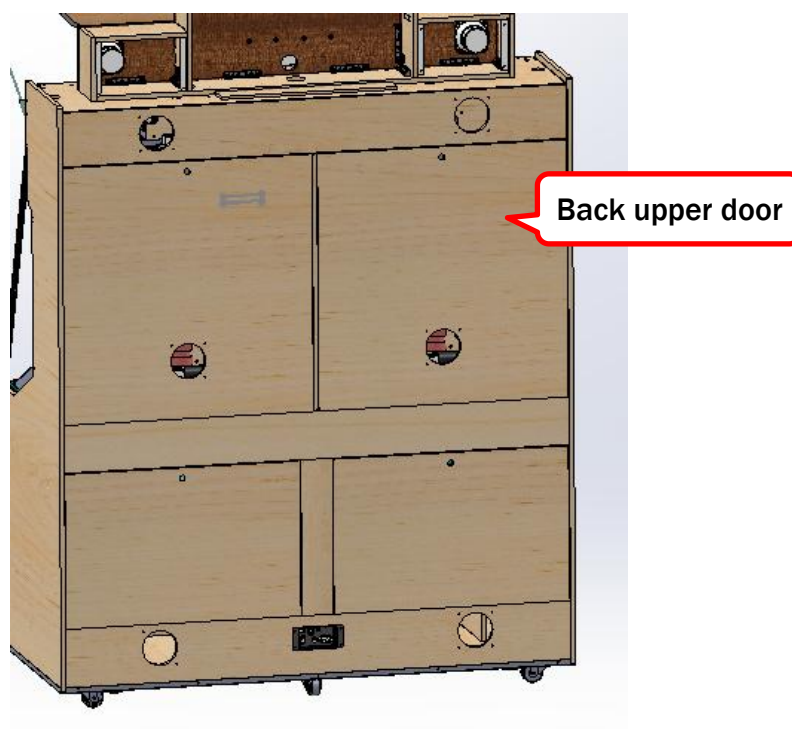
9.6 Small/Big Ball Poll Motor Replacement Instruction

Notice: It is same replacement instruction for Small/Big ball poll motor.

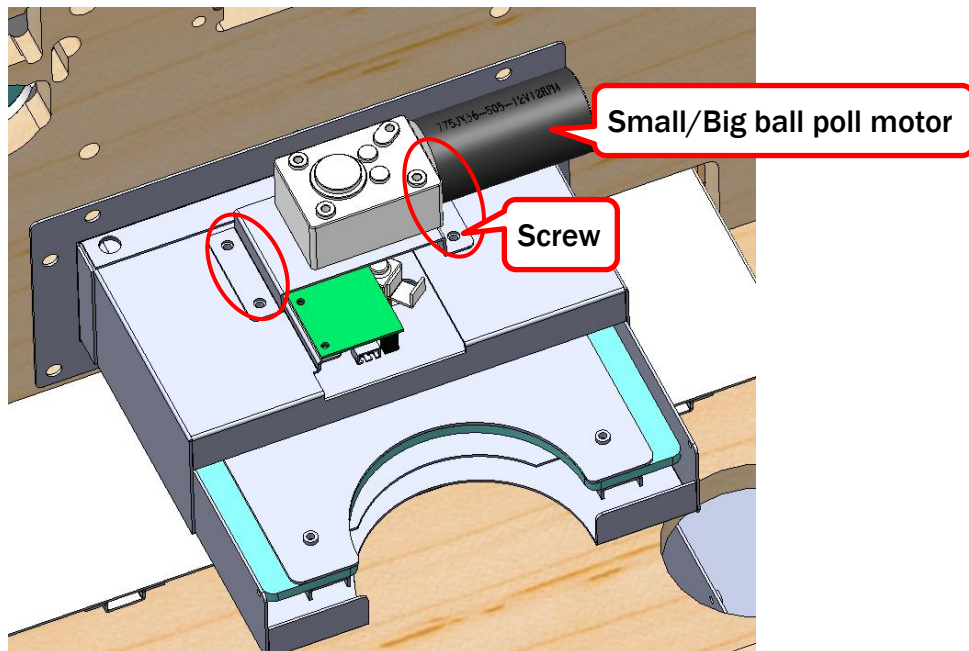
Small/Big Ball Poll Motor Position:



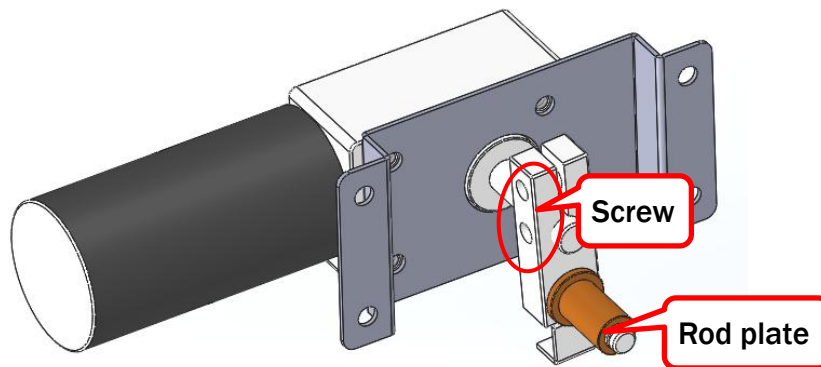
Step 1 Power off the machine. Open the Back upper door.



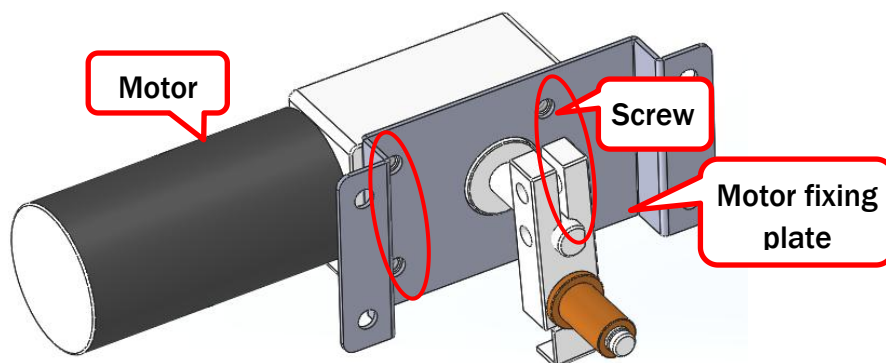
Step 2 Locate Small/Big ball poll motor. Unplug the connector. Loosen 4 screws to remove Small/Big ball poll motor assembly.



Step 2 Loosen 2 screws to remove Rod plate.



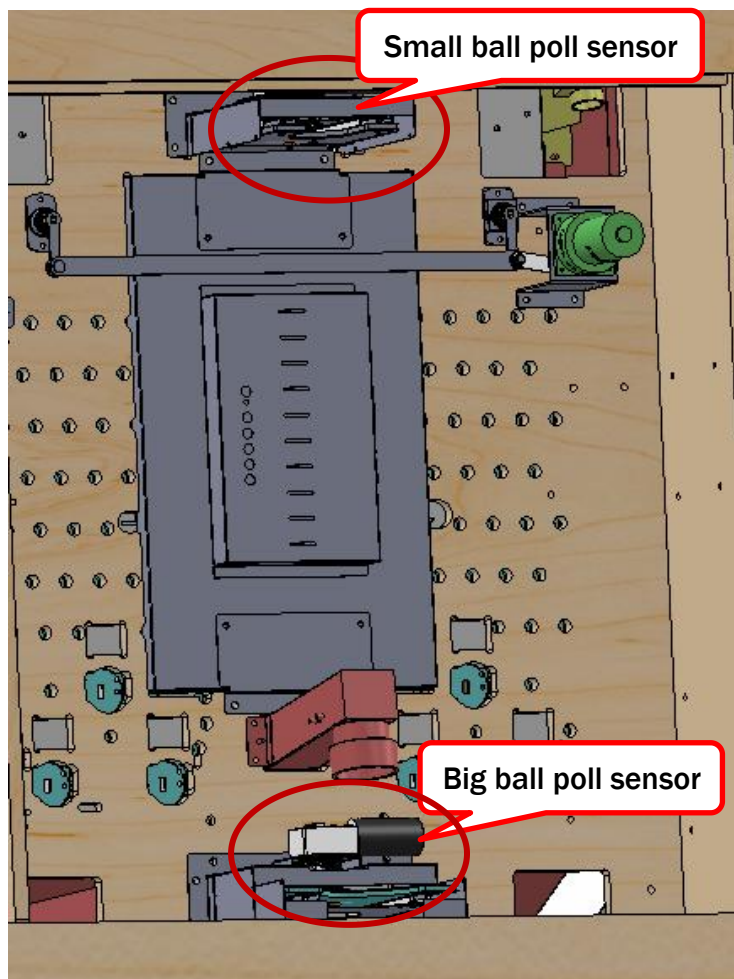
Step 3 Loosen 4 screws to remove Motor fixing plate. Replace it with new motor and install it in reversed order.



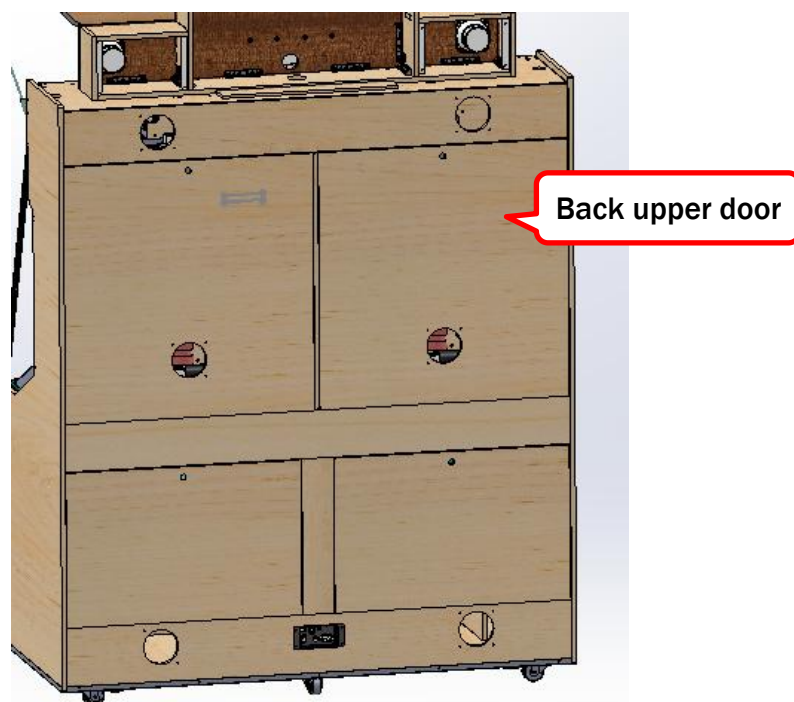
9.7 Small/Big Ball Poll Sensor Replacement Instruction

Notice: It is same replacement instruction for Small/Big ball poll sensor.

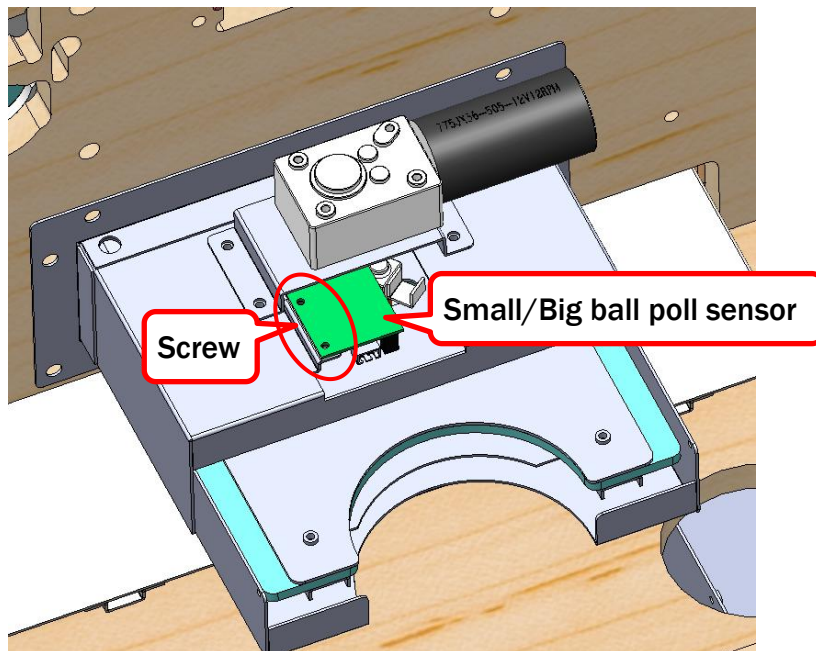
Small/Big Ball Poll Sensor Position:



Step 1 Power off the machine. Open the Back upper door.



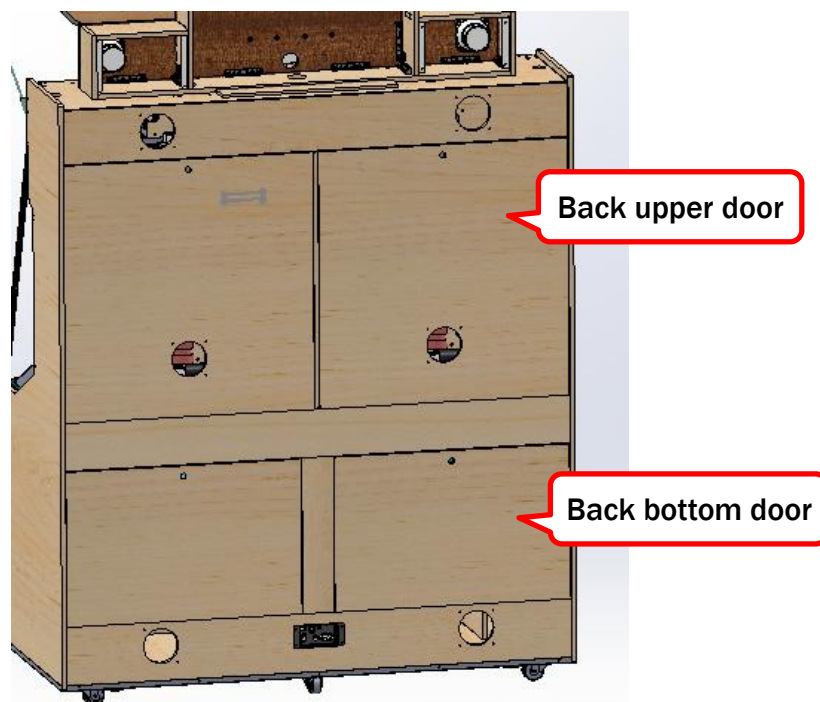
Step 2 Locate Small/Big ball poll sensor. Unplug the connector. Loosen 2 screws to remove Small/Big ball poll sensor.



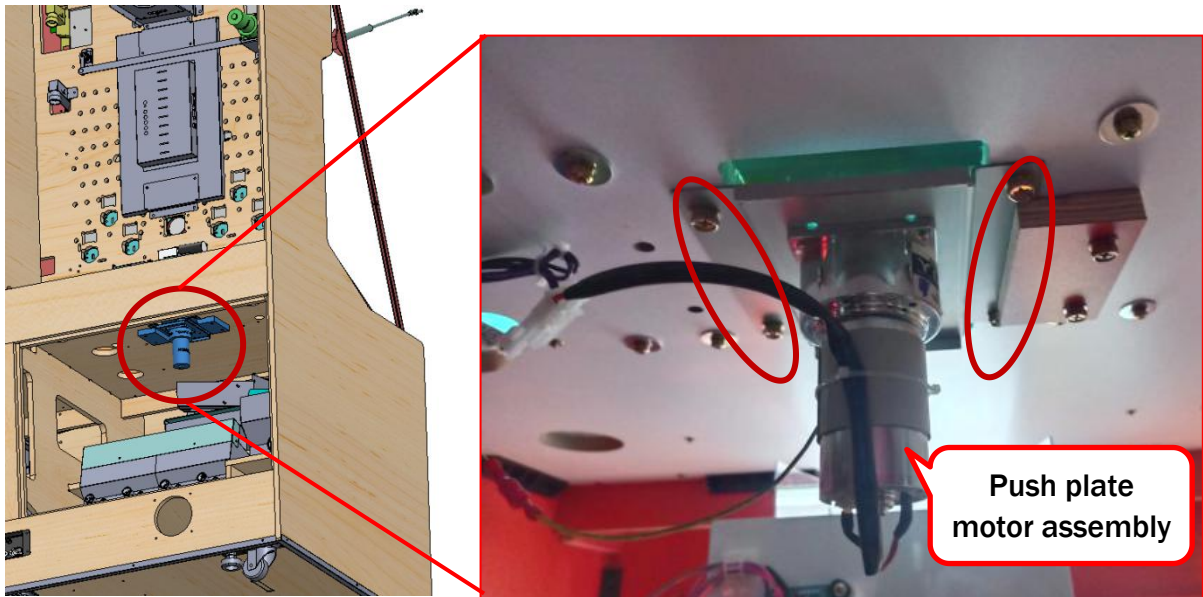
Step 3 Replace it with new sensor and install it in reversed order.

9.8 Push Plate Motor Replacement Instruction

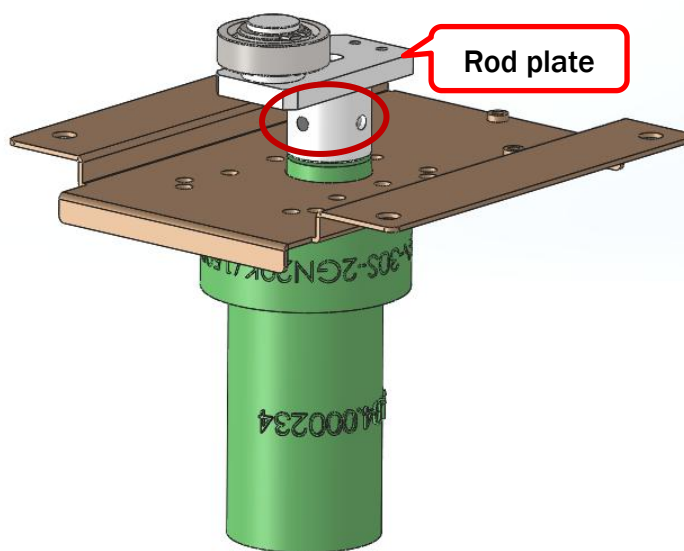
Step 1 Power off the machine. Open the Back upper&bottom door.



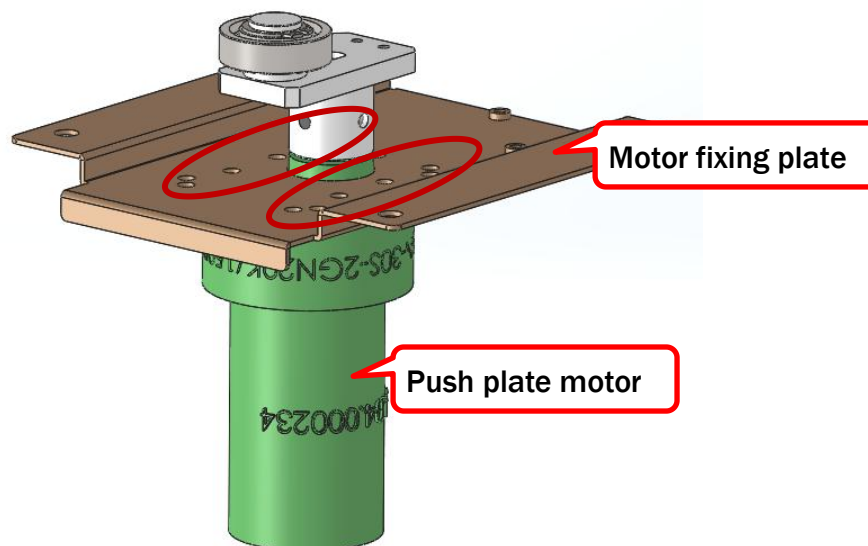
Step 2 Locate Push plate motor. Unplug the connector. Loosen screws to remove Push plate motor assembly.



Step 3 Loosen screws to remove Rod plate.

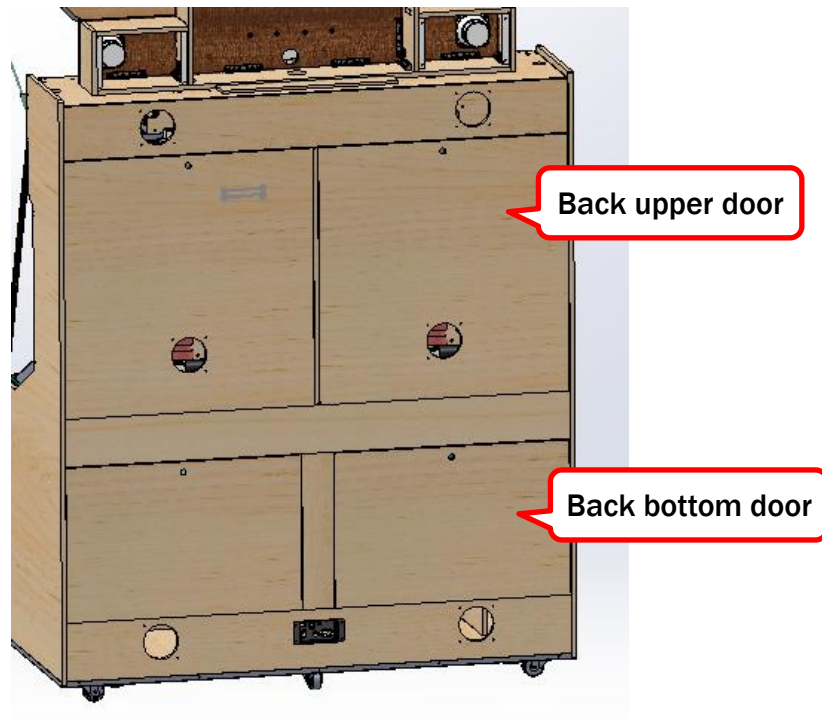


Step 4 Loosen screws to remove Motor fixing plate. Replace it with new motor and install it in reversed order.

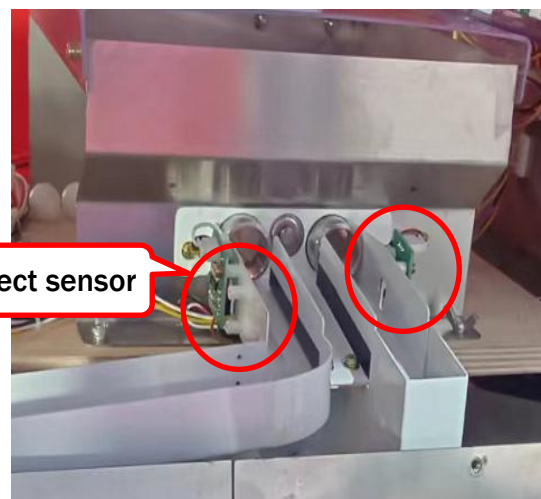
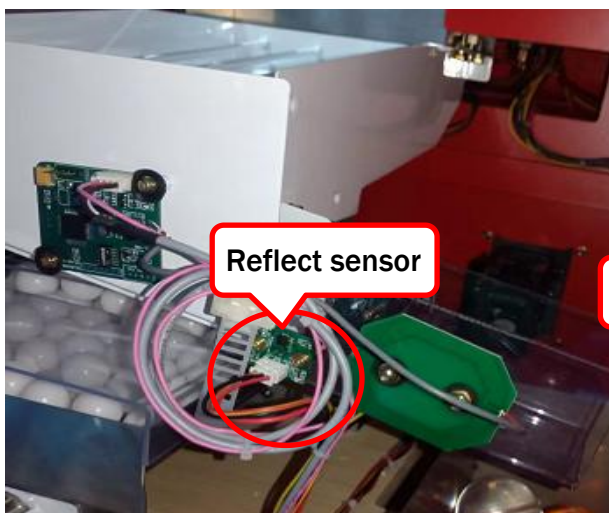


9.9 Reflect sensor Replacement Instruction

Step 1 Power off the machine. Open the Back upper&bottom door.



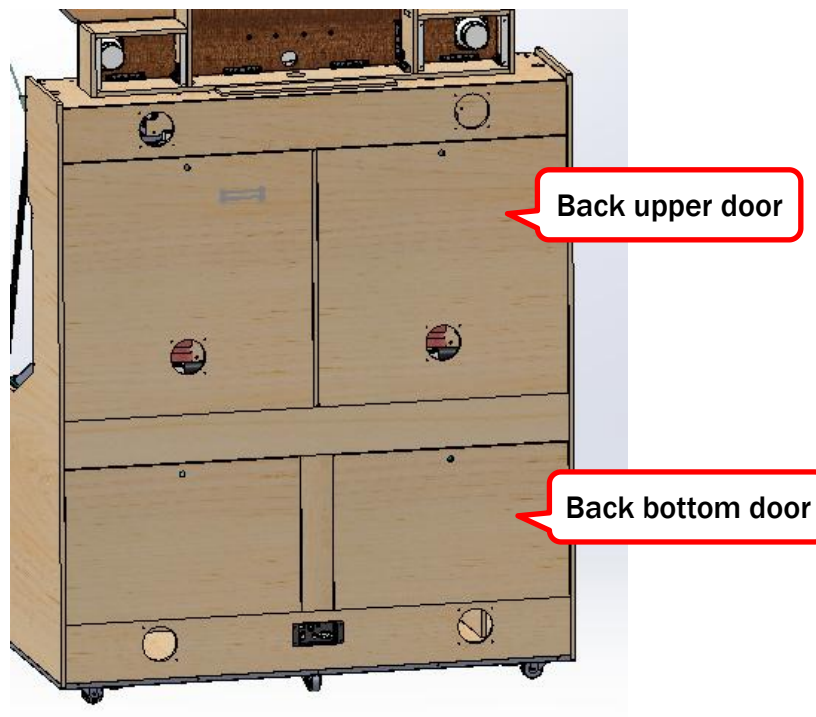
Step 2 Locate Reflect sensor. Unplug the connector. Loosen screws to remove Reflect sensor.



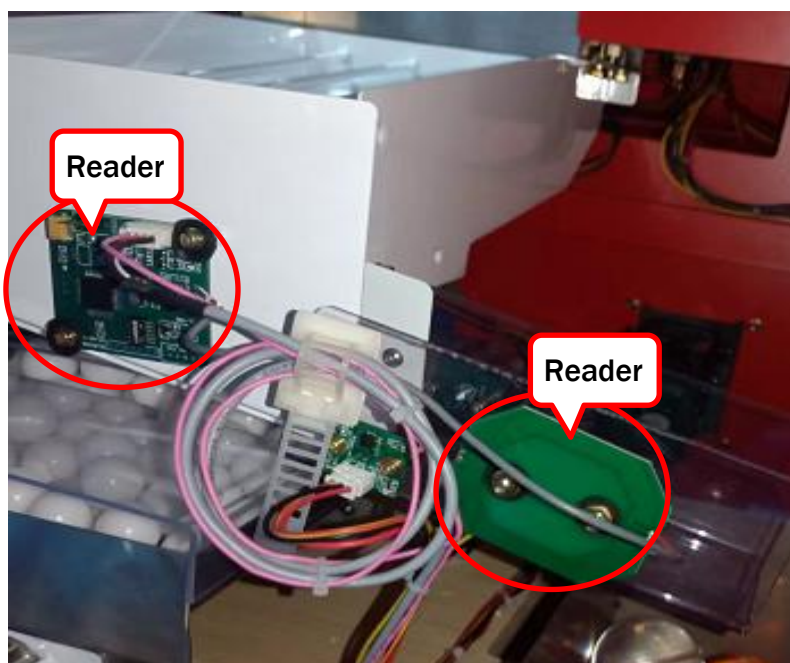
Step 3 Replace it with new reflect sensor and install it in reversed order.

9.10 Reader Replacement Instruction

Step 1 Power off the machine. Open the Back upper&bottom door.



Step 2 Locate Reader. Unplug the connectors. Loosen nuts, rubber pad and screws to remove Reader.



Step 3 Replace it with new Reader and install it in reversed order.

Notice: After replacement, please install the rubber pad as before removal.

9.11 Pinball Hole Sensor Replacement Instruction

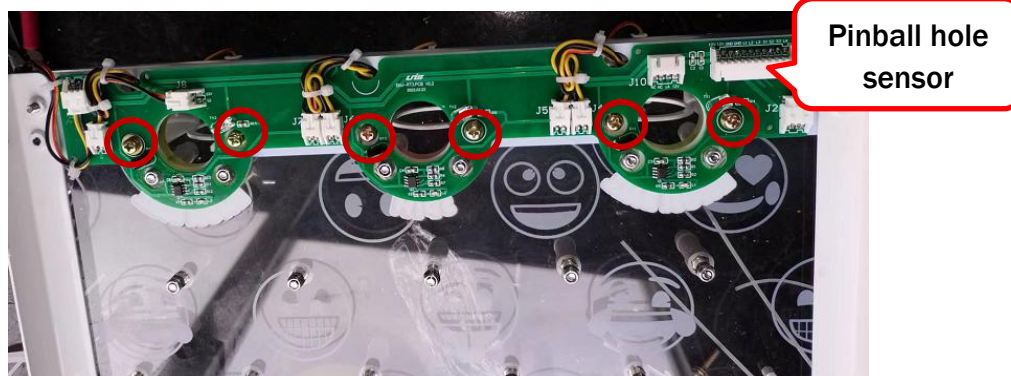
Step 1 Power off the machine. Utilize key to open Glass door and front door.



Step 2 Locate Pinball assembly. Unplug the connector. Loosen screws to remove Pinball assembly.

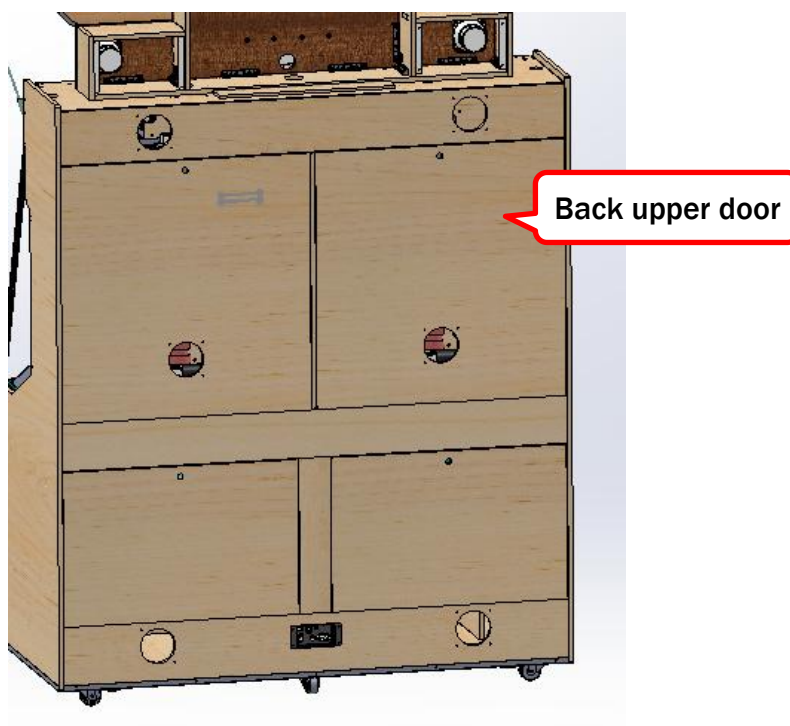


Step 3 Loosen screws to remove Pinball hole sensor. Replace it with new Pinball hole sensor and install it in reversed order.

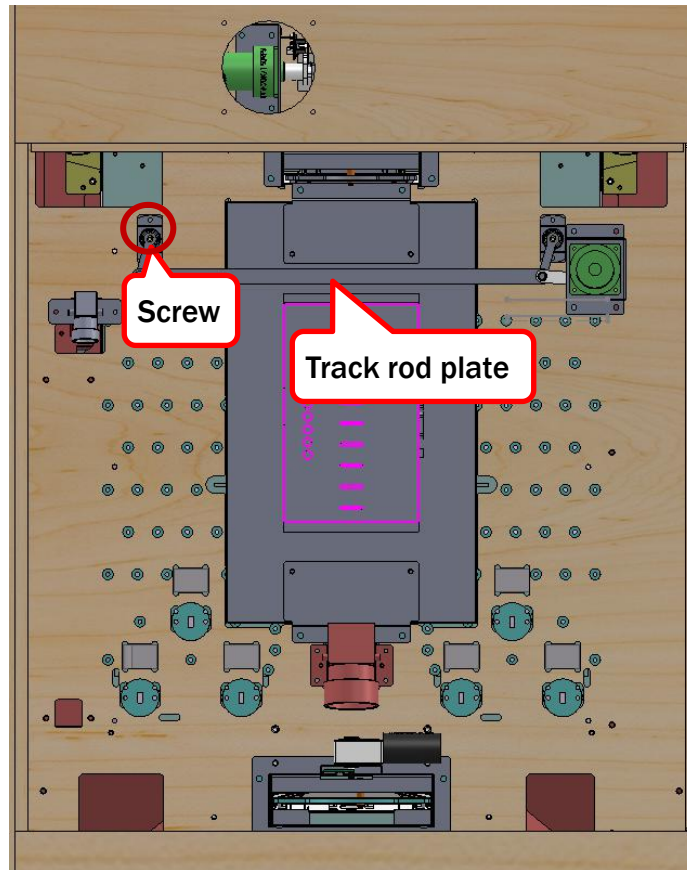


9.12 Monitor Replacement Instruction

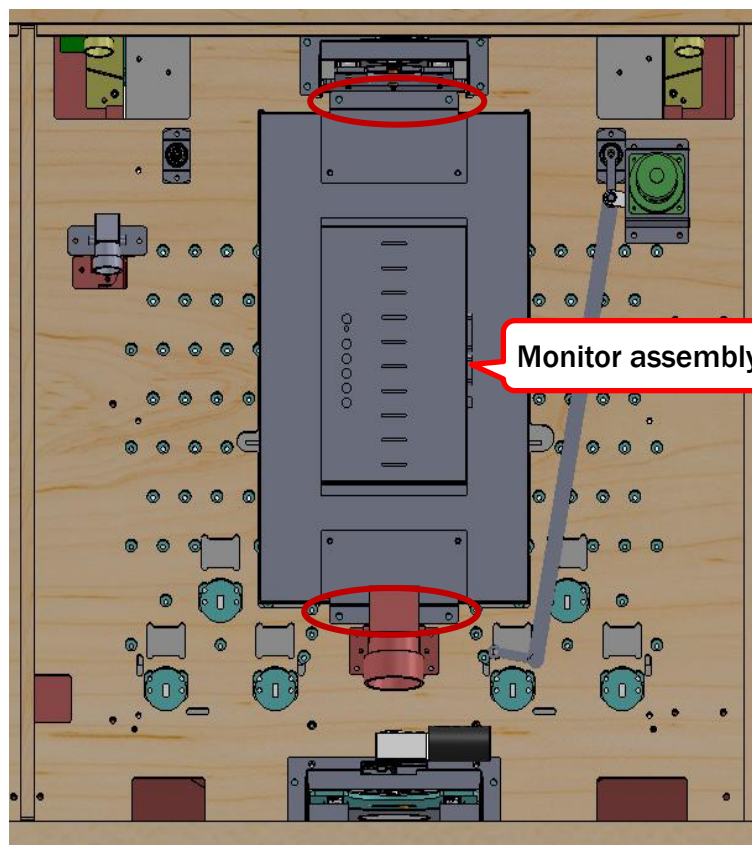
Step 1 Power off the machine. Open the Back upper door.



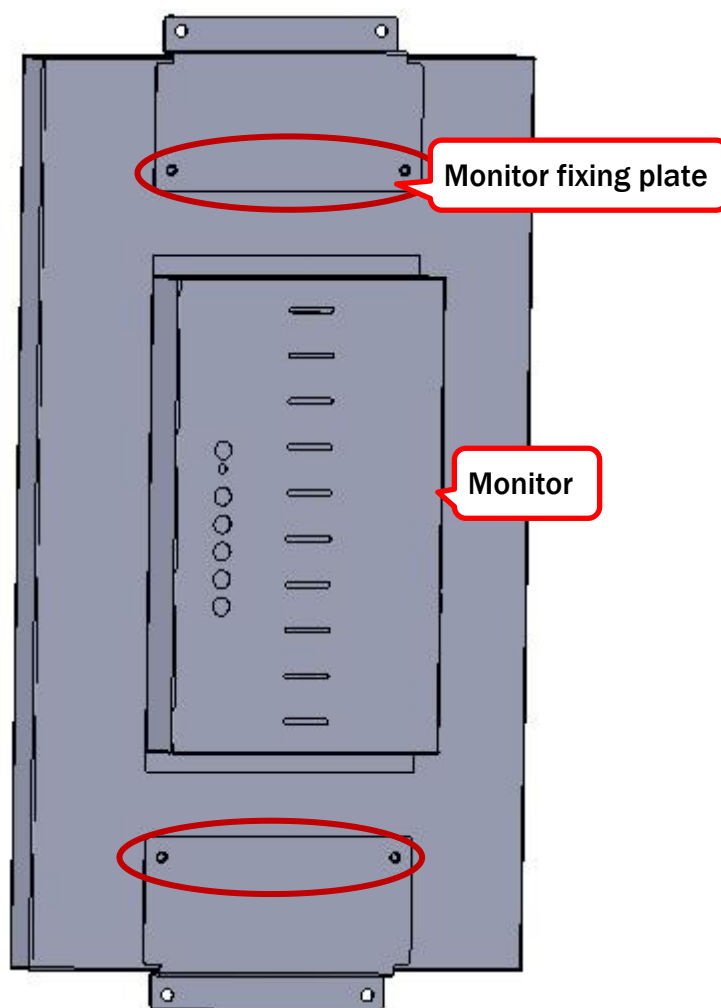
Step 2 Loosen screws to remove Track rod plate.



Step 3 Unplug the cables. Loosen 4 screws to remove Monitor assembly.



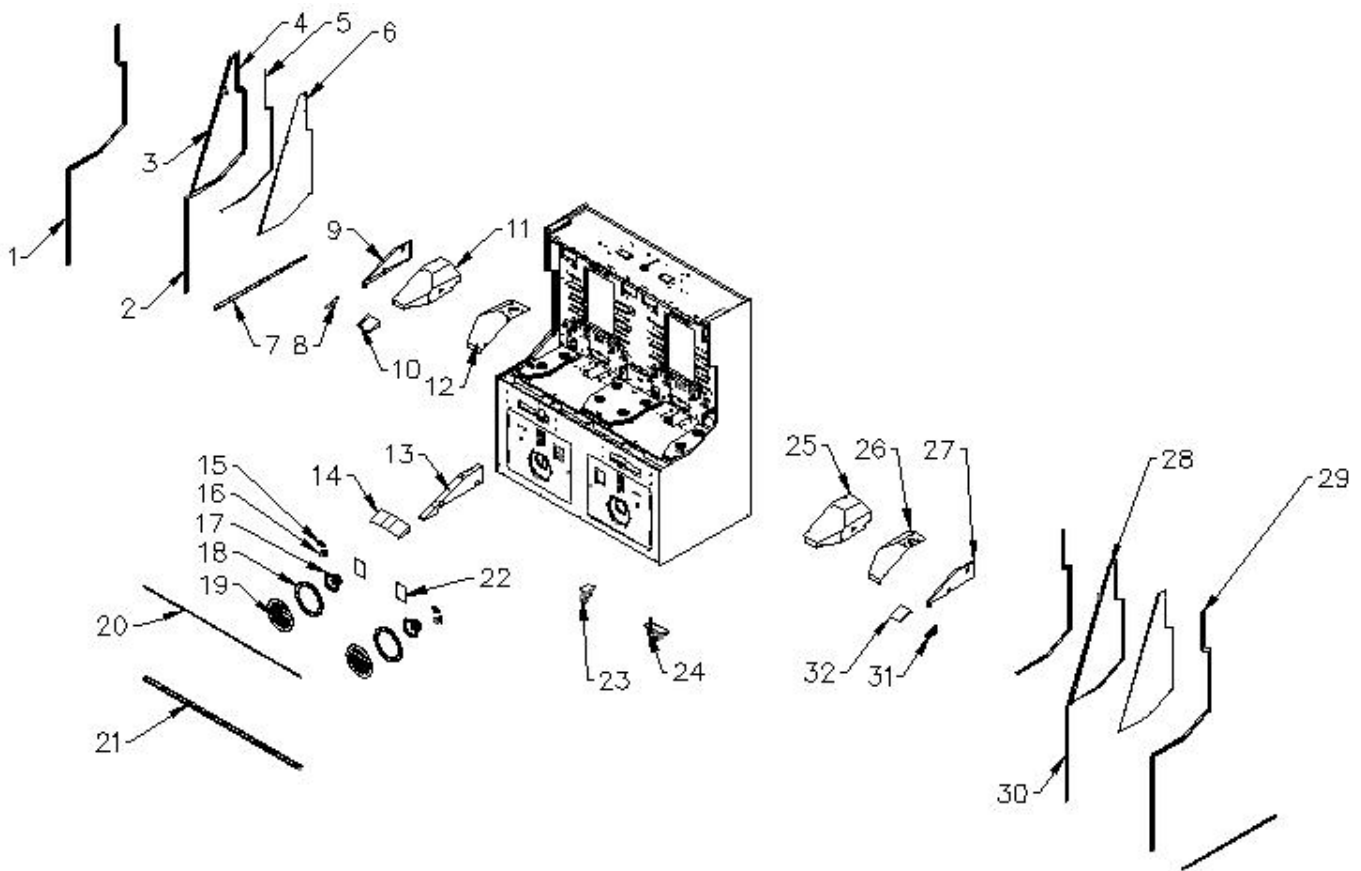
Step 4 Locate Monitor assembly. Loosen 4 screws to remove Monitor fixing plate.



Step 5 Replace it with new Monitor and install it in reversed order.

10. OVERALL CONSTRUCTION

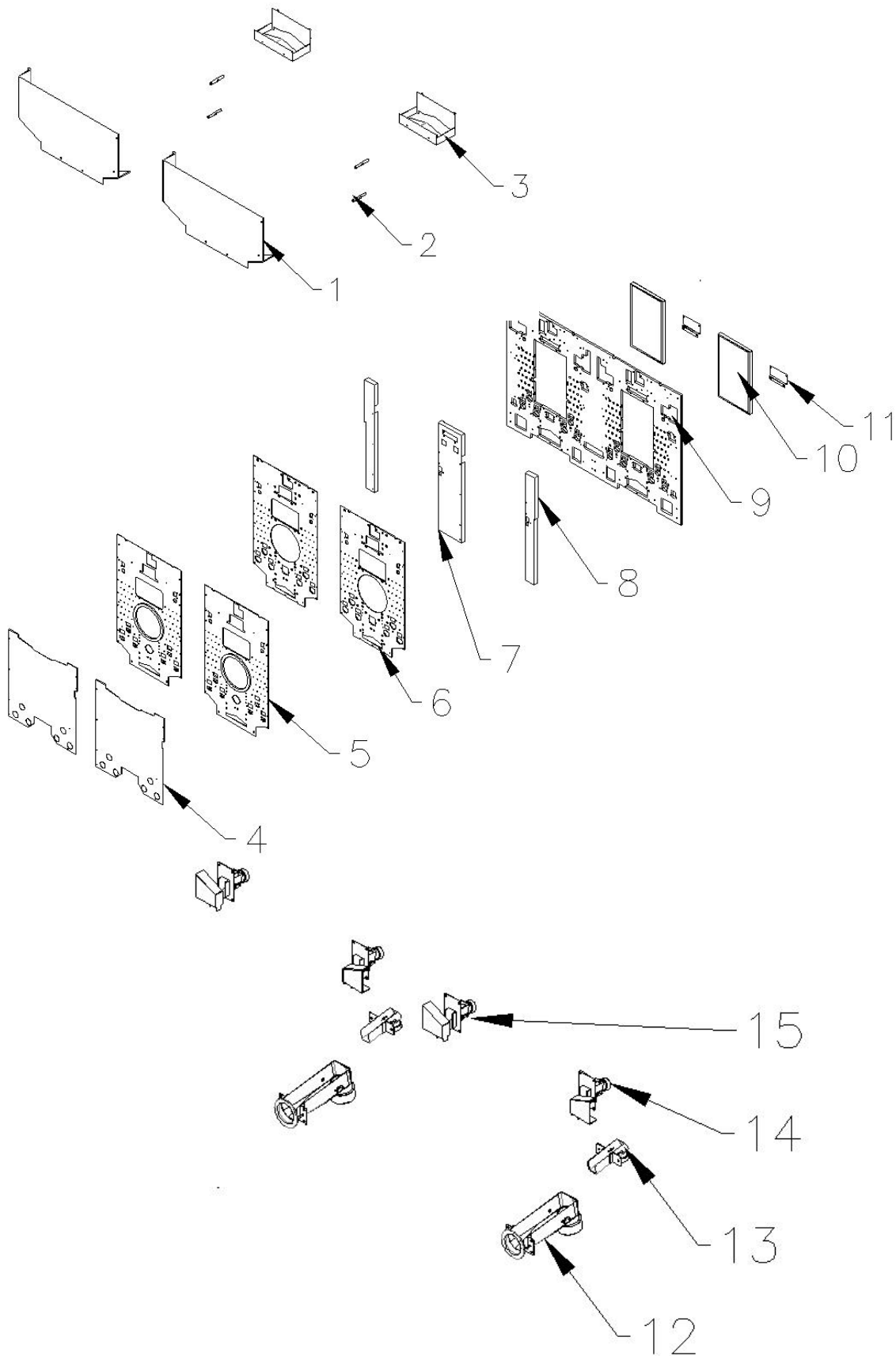
10.1 General Assembly



No.	Part No.	Code No.	Name	Version	Qty
1	E118-0024-00	206.1.2130.005	L side light plastic	1.1	1
2	E118-0039-00	202.1.2130.037	Side L front blanking plate	1.1	1
3	E118-0814-00	202.1.2130.211	L side fixing plate	1.1	1
4	E118-0010-00	202.1.2130.038	Side light cover plate	1.1	2
5	E118-0027-00	202.1.2130.071	Side light upper blanking plate	1.1	2
6	E118-0824-00	206.1.2130.073	Side clear plastic	1.1	2
7	E118-0030-00	202.1.2130.035	Side bottom plate	1.1	2
8	E118-0020-00	202.1.2130.157	L front blocking plate	1.1	1
9	E118-0022-00	202.1.2130.044	L base plate	1.1	1
10	E118-0019-00	202.1.2130.113	L front cover	1.1	1
11	E118-0021-00	202.1.2130.041	L shell plate	1.1	1

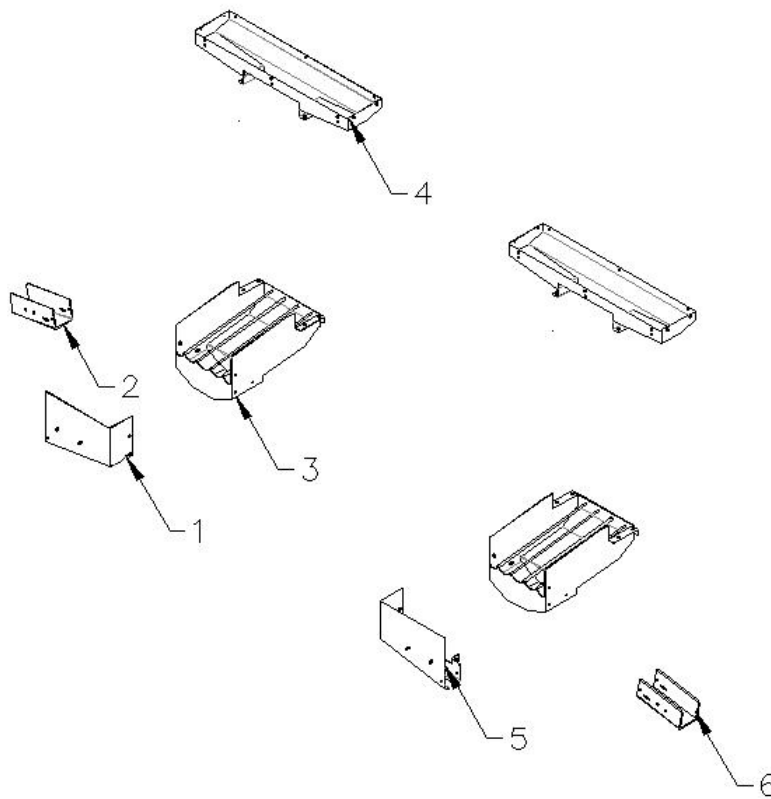
No.	Part No.	Code No.	Name	Version	Qty
12	E118-0023-00	202.1.2130.194	Mid L shell plate	1.1	1
13	E118-0003-00	202.1.2130.155	Mid base plate	1.1	1
14	E118-0001-00	202.1.2130.114	Mid front cover	1.1	1
15	E118-0057-00	2.60.00051000	Ticket cover	1.1	2
16	E118-1857-00	2.24.01.010004	Button	1.1	2
	E118-1858-00	2.26.04.000006	Micro SW	1.1	2
	E118-1859-00	2.20.03.000018	LED bulb	1.1	2
17	E118-1856-01	2.28.01.080028	5" speaker	1.1	2
18	E118-2116-00	206.1.2130.069	Speaker light plastic	1.1	2
19	E118-2117-00	202.1.2130.189	Speaker light net plate	1.1	2
20	E118-0808-00	202.1.2130.204	Door frame bottom plate	1.1	1
21	E118-0038-00	202.1.2130.033	Front plate	1.1	1
22	E118-0056-00	202.4.1833A.001	DBV blanking plate	1.1	2
23	E118-1077-00	202.3.1802.020	2.5" caster pad plate	1.1	2
24	E118-1074-00	2.60.00008000	Cabinet leveller	1.1	4
	E118-1075-00	2.60.00010000	Caster bracket	1.1	4
	E118-1078-00	2.55.01.000056	2.5" caster	1.1	4
25	E118-0006-00	202.1.2130.195	Mid R shell plate	1.1	1
26	E118-0011-00	202.1.2130.042	R shell plate	1.1	1
27	E118-0012-00	202.1.2130.043	R base plate	1.1	1
28	E118-0802-00	202.1.2130.212	R side fixing plate	1.1	1
29	E118-0025-00	206.1.2130.006	R side light plastic	1.1	1
30	E118-0034-00	202.1.2130.036	Side R front blanking plate	1.1	1
31	E118-0008-00	202.1.2130.115	R front blocking plate	1.1	1
32	E118-0007-00	202.1.2130.116	R front cover	1.1	1

10.2 Panel Assembly



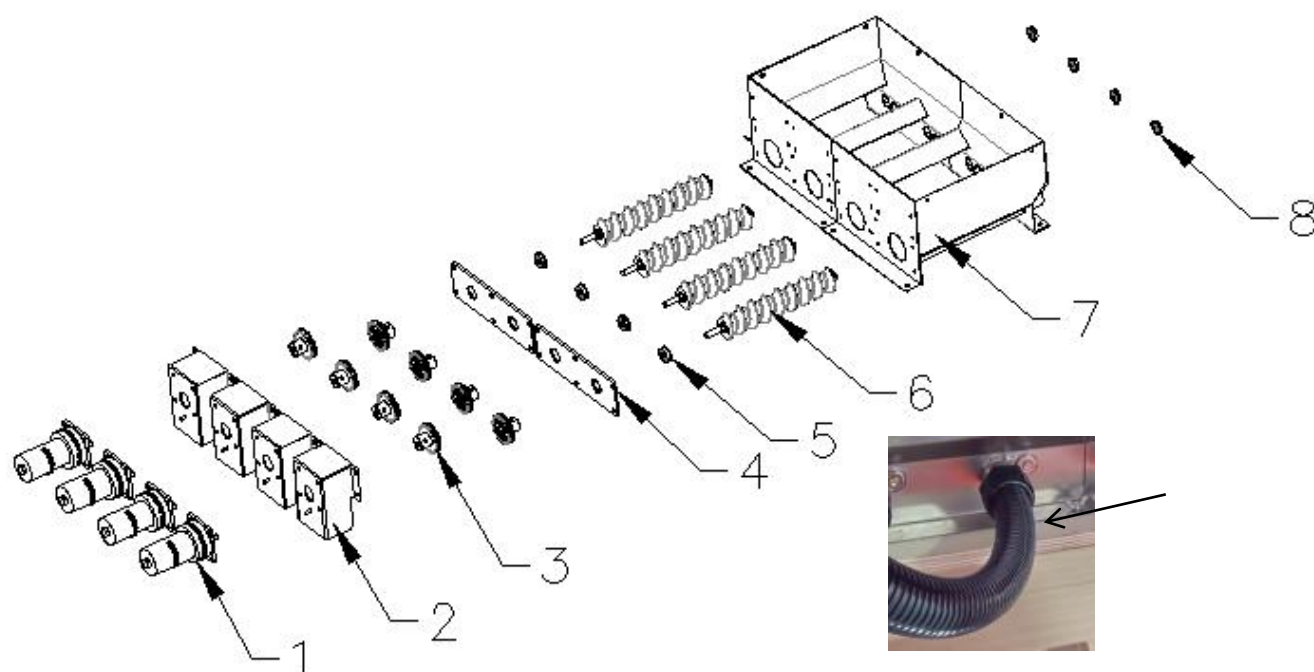
No.	Part No.	Code No.	Name	Version	Qty
1	E118-1509-00	206.1.2130.017	Bottom ball cover PVC	1.1	2
2	E118-0029-00	202.1.2130.105	Column	1.1	2
3	E118-1518-00	202.1.2130.205	Big ball box bottom frame	1.1	2
4	E118-1514-00	206.1.2130.021	Front clear plastic	1.1	2
5	E118-2003-00	205.1.2130.003/7	Panel PVC	1.1	2
6	E118-2002-00	205.1.2130.002/7	Panel plastic	1.1	2
7	E118-0044-00	202.1.2130.074	Mid back plate	1.1	1
8	E118-0041-00	202.1.2130.076	Panel L plate	1.1	1
	E118-0031-00	202.1.2130.075	Panel R plate	1.1	1
9	E118-1061-00	203.1.2130.053	Panel board	1.1	1
10	E118-1808-00	2.12.01.000040	21.5" monitor	1.1	2
11	E118-1505-00	202.1.2130.077	Monitor fixing plate	1.1	4
12	E118-1512-00	202.1.2130.176	Big ball entry plate	1.1	2
13	E118-0217-00	202.1.2130.208	Spiral ball out plate	1.1	2
14	E118-1507-00	202.1.2130.174	R ball-out port plate	1.1	2
15	E118-1511-00	202.1.2130.173	L ball-out port plate	1.1	2

10.3 Ball Return Channel Assembly



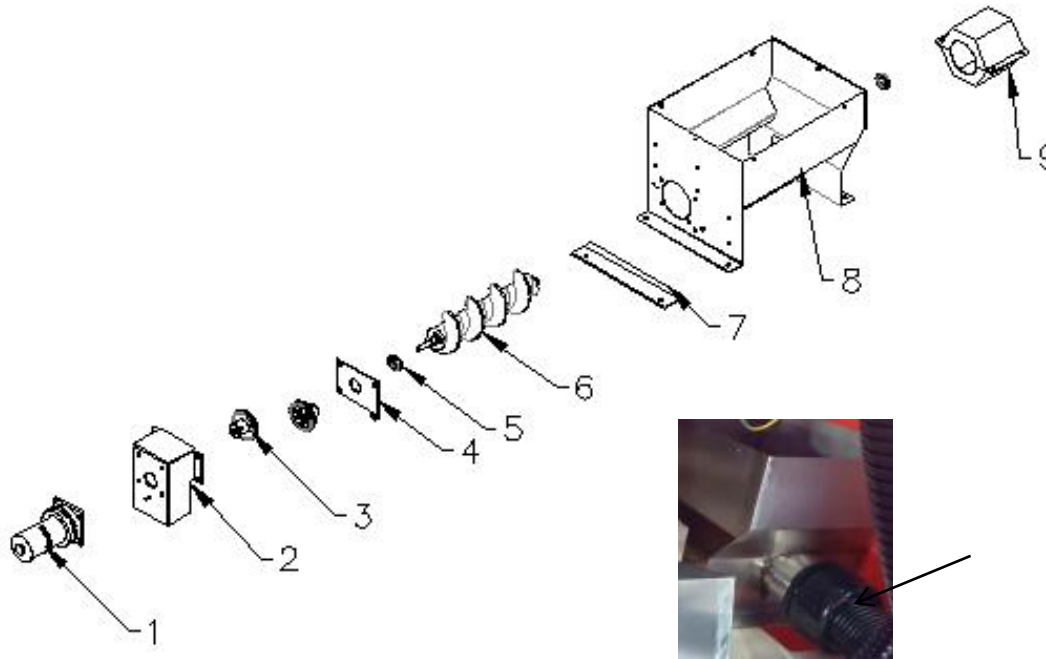
No.	Part No.	Code No.	Name	Version	Qty
1	E118-1209-01	202.1.2130.236	Big ball leading slot L	1.1	1
2	E118-1210-01	206.1.2130.082	L detect slot PVC	1.1	1
3	E118-1203-00	202.1.2130.214	Ball fall separate plate	1.1	2
4	E118-1202-00	202.1.2130.019	Ball fall plate	1.1	2
5	E118-1208-01	202.1.2130.237	Big ball leading slot R	1.1	1
6	E118-1205-01	206.1.2130.083	R detect slot PVC	1.1	1

10.4 Small Ball Assembly



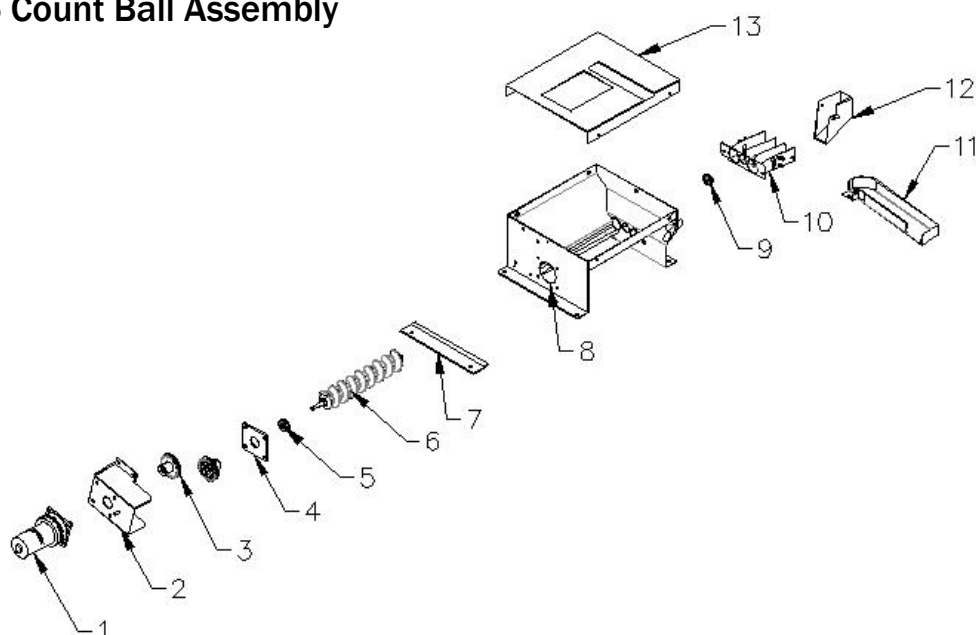
No.	Part No.	Code No.	Name	Version	Qty
1	E118-0108-00	2.34.04.010068	DC motor(150RPM)	1.1	4
2	E118-0109-00	202.1.2130.004	Motor plate	1.1	4
3	E118-0119-00	206.1.2002.073	Gear	1.1	8
4	E118-0206-00	202.1.2130.002	Small ball assy Shaft fixing plate	1.1	2
5	E118-0216-00	201.06.000102	Bearing(F608Z)	1.1	4
6	E118-0112-00	206.1.1807.003	L rod	1.1	4
7	E118-0202-00	202.1.2130.197	Small ball assy L bracket plate	1.1	1
	E118-0202-00	202.1.2130.197	Small ball assy L bracket plate	1.1	1
	E118-0213-00	2.51.06.02.5029	Tube	1.1	4
8	E118-0113-00	201.06.000024	Bearing(F698ZZ)	1.1	4
9	E118-0503-00	2.51.06.02.5032	Pipe(AD28.5)	1.1	4
	E118-0504-00	2.51.06.02.5024	Pipe(AD28.5) fixing plate	1.1	8

10.5 Big Ball Assembly



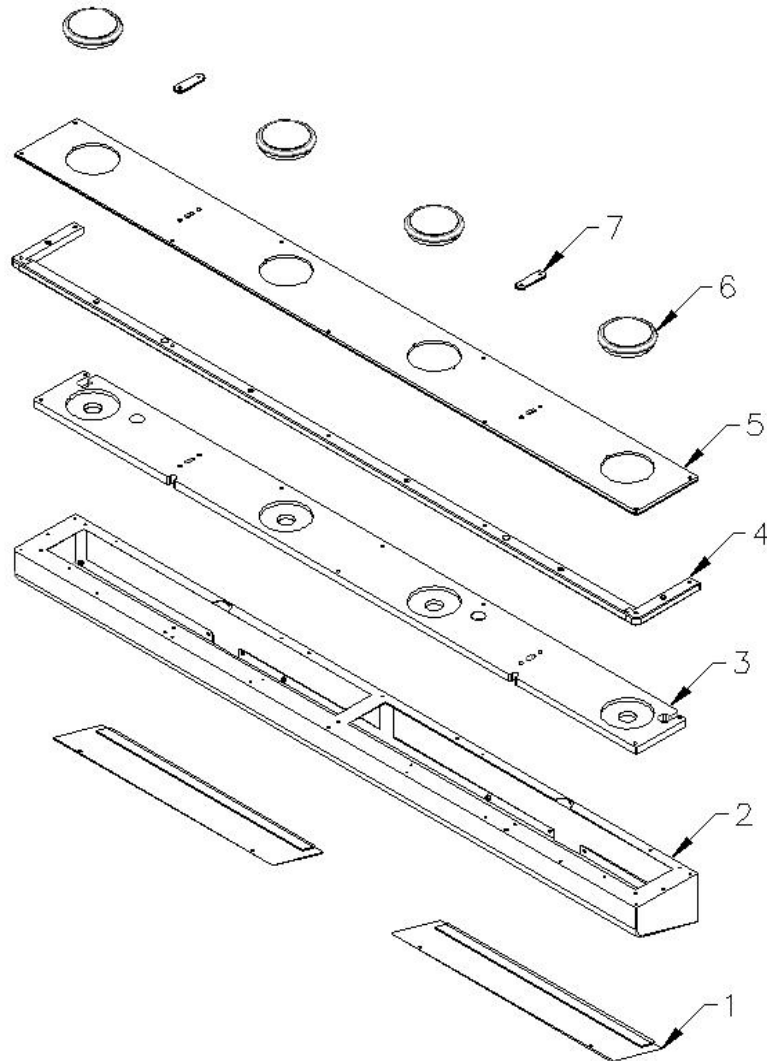
No.	Part No.	Code No.	Name	Version	Qty
1	E118-0304-00	2.34.04.010082	DC motor(70RPM)	1.1	1
2	E118-0109-00	202.1.2130.004	Motor plate	1.1	1
3	E118-0119-00	206.1.2002.073	Gear	1.1	1
4	E118-0312-00	202.1.2130.010	Motor fixing plate	1.1	1
5	E118-0302-00	201.06.002002	Bearing(F61900-2Z)	1.1	2
6	E118-0311-00	202.1.2130.008	Rod	1.1	1
7	E118-0314-00	202.1.2130.009	Bracket blocking plate	1.1	1
8	E118-0303-00	202.1.2130.007	Big ball frame bracket	1.1	1
9	E118-0316-00	202.1.2130.191	Ball tube plate-male	1.1	1
	E118-0315-00	202.1.2130.190	Ball tube plate-female	1.1	1
10	E118-0502-01	2.51.06.02.5044	Pipe(AD54.5)	1.1	1
	E118-0505-00	2.51.06.02.5025	Pipe(AD54.5) fixing plate	1.1	2

10.6 Count Ball Assembly



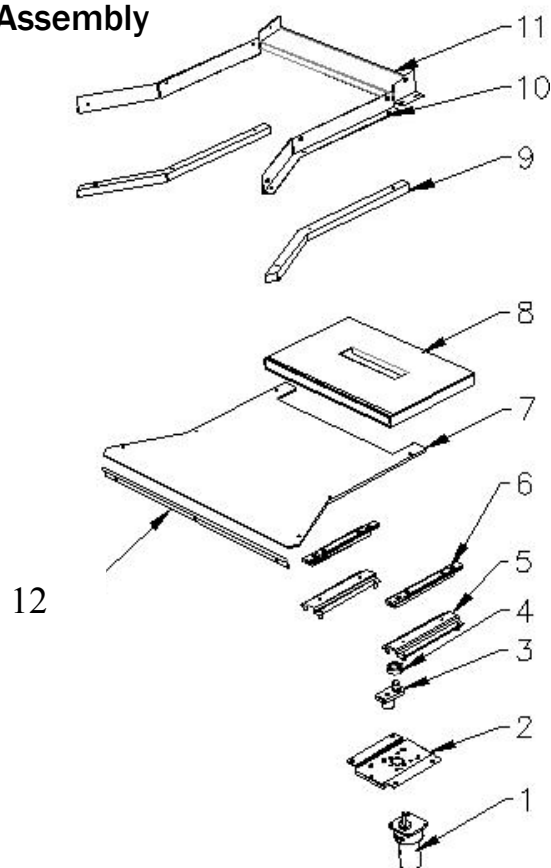
No.	Part No.	Code No.	Name	Version	Qty
1	E118-0108-00	2.34.04.010068	DC motor(150RPM)	1.1	1
2	E118-0109-00	202.1.2130.004	Motor plate	1.1	1
3	E118-0119-00	206.1.2002.073	Gear	1.1	2
4	E118-0118-00	202.1.2130.018	Shaft fixing plate	1.1	1
5	E118-0114-00	201.06.000111	Bearing(F608ZZ)	1.1	1
6	E118-0112-00	206.1.1807.003	L rod	1.1	1
7	E118-0314-00	202.1.2130.009	Bracket blocking plate	1.1	1
8	E118-0111-00	202.1.2130.198	Small ball count ball frame bracket	1.1	1
9	E118-0113-00	201.06.000024	Bearing(F698ZZ)	1.1	1
10	E118-0115-00	202.1.2130.024	Ball out divide plate	1.1	1
11	E118-0102-01	202.1.2130.239	R ball tube plate	1.1	1
	E118-0107-01	202.1.2130.240	L ball tube plate	1.1	1
12	E118-0105-01	202.1.2130.241	R inner ball tube plate	1.1	1
	E118-0106-01	202.1.2130.238	L inner ball tube plate	1.1	1
13	E118-0116-00	206.1.2130.080	L bottom blocking PVC	1.1	1
	E118-0117-00	206.1.2130.081	R bottom blocking PVC	1.1	1

10.7 Console Assembly



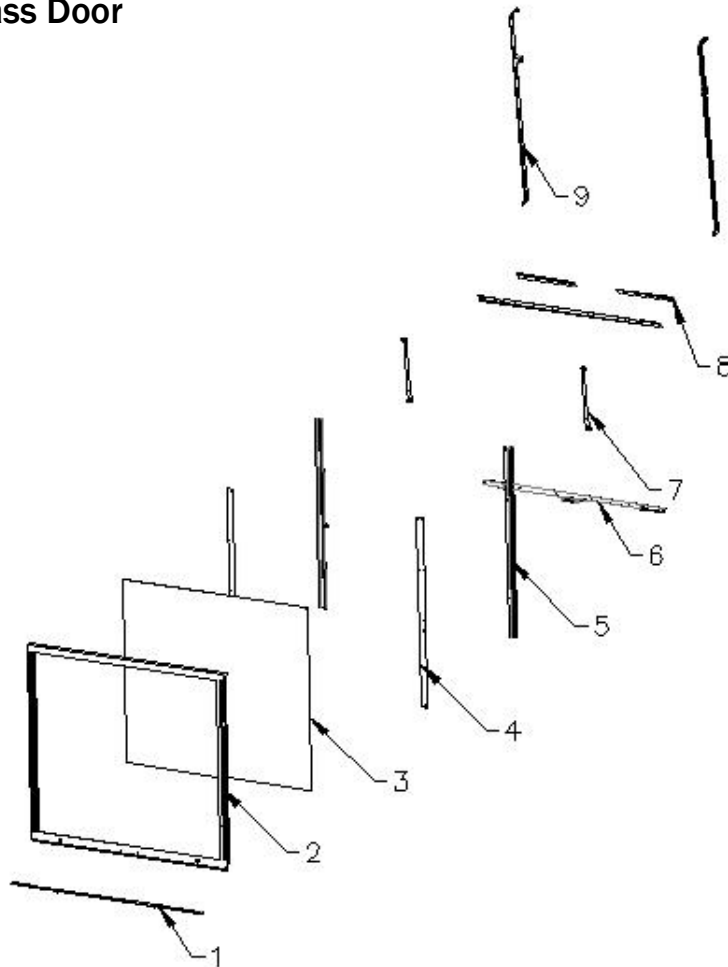
No.	Part No.	Code No.	Name	Version	Qty
1	E118-1105-00	202.1.2130.029	Console base plate	1.1	2
2	E118-1104-00	202.1.2130.027	Console frame	1.1	1
3	E118-1102-00	203.1.2130.093	Console pad board	1.1	1
4	E118-1107-00	206.1.2130.078	Console light plastic	1.1	1
5	E118-2001-00	205.1.2130.001/9	Console decal	1.1	1
6	E118-1895-00	2.24.01.150005A	Button	1.1	4
7	E118-2026-00	205.1.2130.002	Card reader blanking decal	1.1	4

10.8 Push Plate Assembly



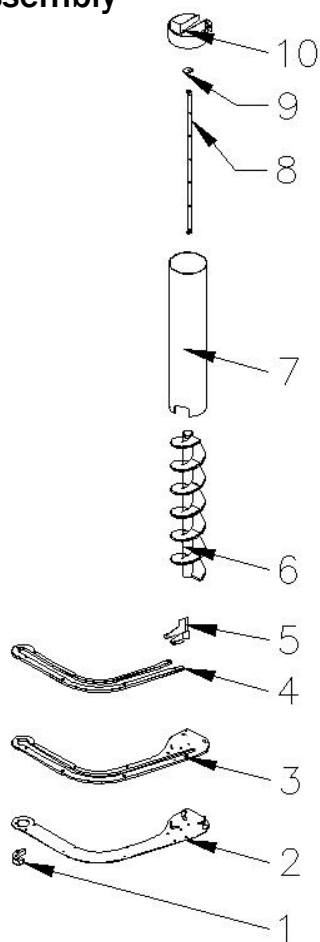
No.	Part No.	Code No.	Name	Version	Qty
1	E118-0614-00	2.34.04.010070	DC motor(15RPM)	1.1	1
2	E118-1302-00	202.1.2130.059	Motor fixing plate for push plate	1.1	1
3	E118-1303-00	202.1.2130.060	Rod plate	1.1	1
4	E118-1306-00	201.06.000082	Bearing(6002ZZ)	1.1	1
5	E118-1313-00	202.1.2130.058	Rail fixing plate	1.1	2
6	E118-0413-00	2.51.05.000006	Rail	1.1	2
7	E118-1319-00	206.1.2130.052	Push plate plastic	1.1	1
8	E118-1310-00	202.1.2130.201	Moving push plate	1.1	1
9	E118-1314-00	206.1.2130.051	Push plate light plastic	1.1	2
10	E118-1315-00	202.1.2130.145	Push plate light L pressing plate	1.1	1
	E118-1320-00	202.1.2130.144	Push plate light R pressing plate	1.1	1
11	E118-1321-00	202.1.2130.057	Fall ball upper plate	1.1	1
12	E118-1317-00	202.1.2130.227	Blocking plate	1.1	1

10.9 Glass Door



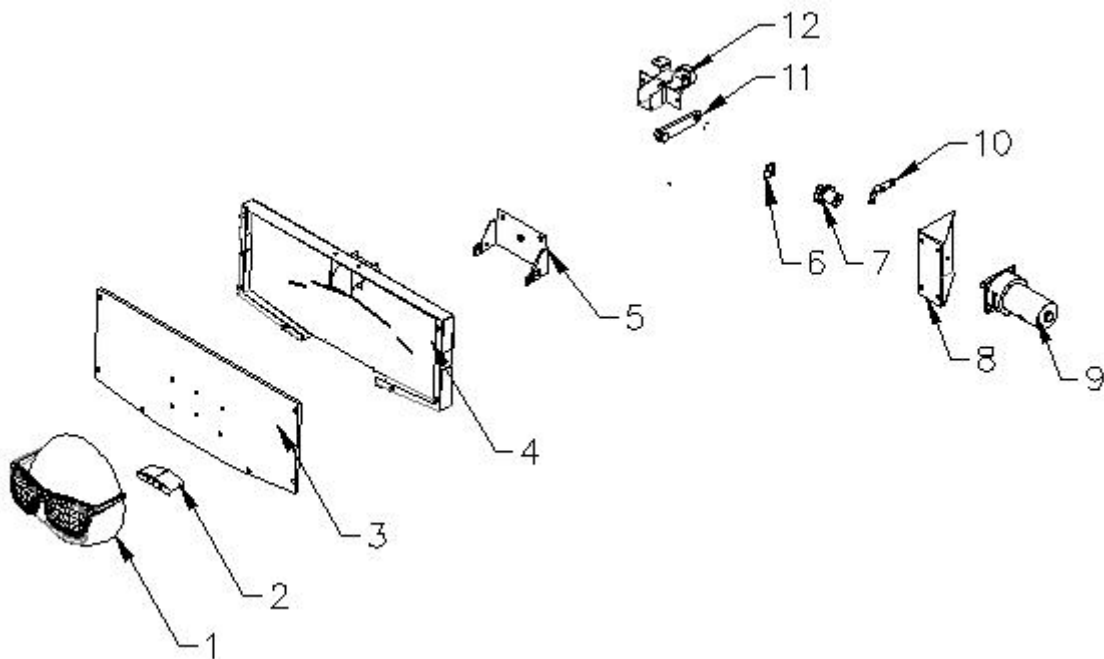
No.	Part No.	Code No.	Name	Version	Qty
1	E118-0808-00	202.1.2130.204	Door frame bottom plate	1.1	1
2	E118-0810-00	202.1.2130.062	Door frame	1.1	1
3	E118-0812-00	206.1.2130.014	Door frame glass	1.1	1
4	E118-0823-00	206.1.2130.012	Door frame light plastic	1.1	2
5	E118-0805-00	202.1.2130.202	R side fixing plate(S)	1.1	1
	E118-0813-00	202.1.2130.203	L side fixing plate(S)	1.1	1
6	E118-0811-00	202.1.2130.065	Glass fixing plate	1.1	1
7	E118-0818-00	2.51.01.21.1012	Spring	1.1	2
8	E118-0802-00	202.1.2130.212	R side fixing plate	1.1	1
	E118-0814-00	202.1.2130.211	L side fixing plate	1.1	1

10.10 Spiral Tube Assembly



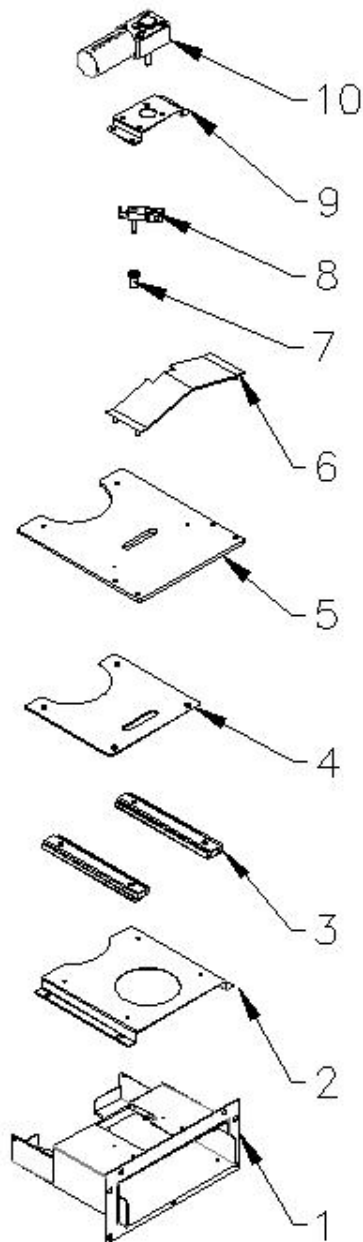
No.	Part No.	Code No.	Name	Version	Qty
1	E118-1626-00	206.1.2130.011	Ball out blocking plate	1.1	1
2	E118-1628-00	202.1.2130.052	Ball out base plate	1.1	1
3	E118-1629-00	206.1.2130.010	Bottom ball leading plastic	1.1	1
4	E118-1630-00	206.1.2130.056	Upper ball leading plastic	1.1	1
5	E118-1632-00	202.1.2130.054	Outside ball leading plastic	1.1	1
6	E118-1640-00	206.1.2130.054	Spiral tube	1.1	1
7	E118-1641-00	2.51.06.03.0618	Silica gel tube	1.1	1
8	E118-1637-00	202.1.2130.055	Light bracket	1.1	1
9	E118-1638-00	202.1.2130.156	Light bracket blanking plate	1.1	1
10	E118-1642-00	202.1.2130.051	Tube cover	1.1	1

10.11 Mid ceiling Light & Small Ball Pool Assembly



No.	Part No.	Code No.	Name	Version	Qty
1	E118-1604-00	206.1.2130.026	Emoji PVC	1.1	1
2	E118-1611-00	202.1.2130.171	Gate leading plate	1.1	1
3	E118-1602-00	206.1.2130.027	Small ball pool front PVC	1.1	1
4	E118-1610-01	202.1.2130.234	Small ball pool	1.1	1
5	E118-1606-00	202.1.2130.087	Box fixing plate	1.1	1
6	E118-1624-00	202.1.2130.096	Sensor detect plate	1.1	1
7	E118-1617-00	202.1.2130.213	Rod	1.1	1
8	E118-1621-00	202.1.2130.091	Shaking motor plate	1.1	1
9	E118-0108-00	2.34.04.010068	DC motor(150RPM)	1.1	1
10	E118-1619-00	202.1.2130.095	Sensor fixing plate	1.1	1
11	E118-1612-00	202.1.2130.094	Shaft	1.1	1
12	E118-1616-00	202.1.2130.206	Shaking ball box connect plate	1.1	1

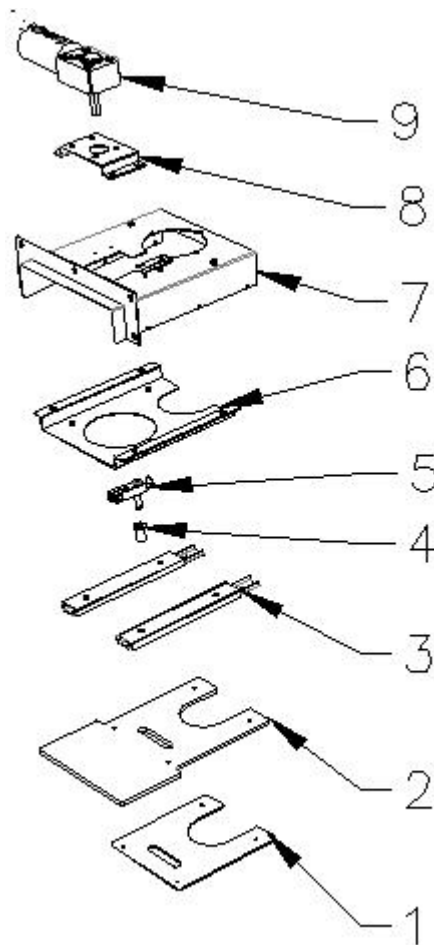
10.12 Big Ball Gate



No.	Part No.	Code No.	Name	Version	Qty
1	E118-0402-00	202.1.2130.083	Big ball rod base plate	1.1	1
2	E118-0411-00	202.1.2130.152	Big ball sliding base plate	1.1	1
3	E118-0413-00	2.51.05.000006	Rail	1.1	2
4	E118-0415-00	206.1.2130.019	Big ball push plate	1.1	1
5	E118-0421-00	202.1.2130.149	Big ball push pad plate	1.1	1
6	E118-0403-00	202.1.2130.084	Drop ball leading plate	1.1	1

No.	Part No.	Code No.	Name	Version	Qty
7	E118-0409-00	202.1.2130.153	Push plate sliding CU	1.1	1
8	E118-0416-00	202.1.2130.170	Rod	1.1	1
9	E118-0407-00	202.1.2130.151	Gate motor fixing plate	1.1	1
10	E118-0405-00	2.34.04.000265	DC motor(16RPM)	1.1	1

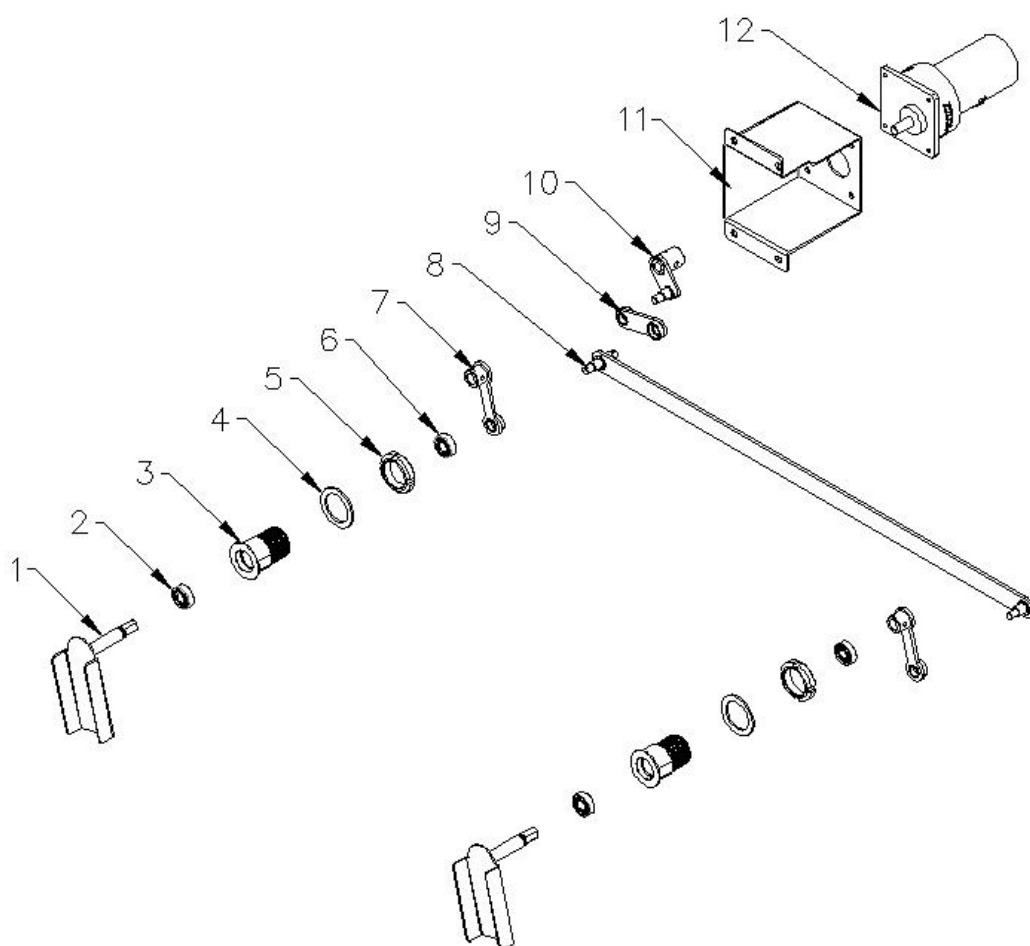
10.13 Small Ball Gate



No.	Part No.	Code No.	Name	Version	Qty
1	E118-0709-00	202.1.2130.128	Small ball push pad plate	1.1	1
2	E118-0712-00	206.1.2130.020	Small ball push plate	1.1	1

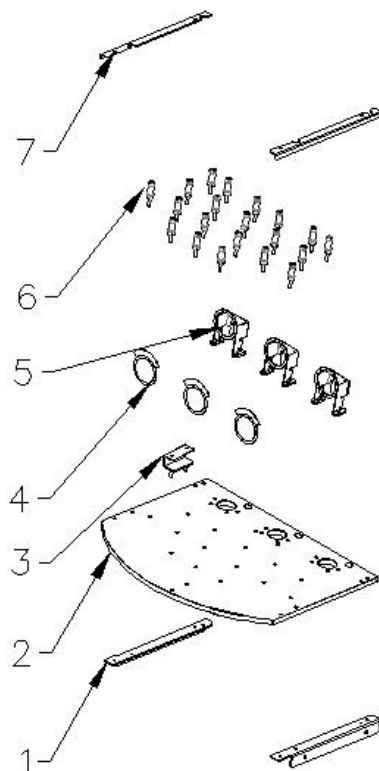
No.	Part No.	Code No.	Name	Version	Qty
3	E118-0413-00	2.51.05.000006	Rail	1.1	2
4	E118-0409-00	202.1.2130.153	Push plate sliding CU	1.1	1
5	E118-0715-00	202.1.2130.150	Rod	1.1	1
6	E118-0713-00	202.1.2130.129	Small ball sliding base plate	1.1	1
7	E118-0702-00	202.1.2130.224	Small ball rod base plate	1.1	1
8	E118-0407-00	202.1.2130.151	Gate motor fixing plate	1.1	1
9	E118-0405-00	2.34.04.000265	DC motor(16RPM)	1.1	1

10.14 Track Assembly



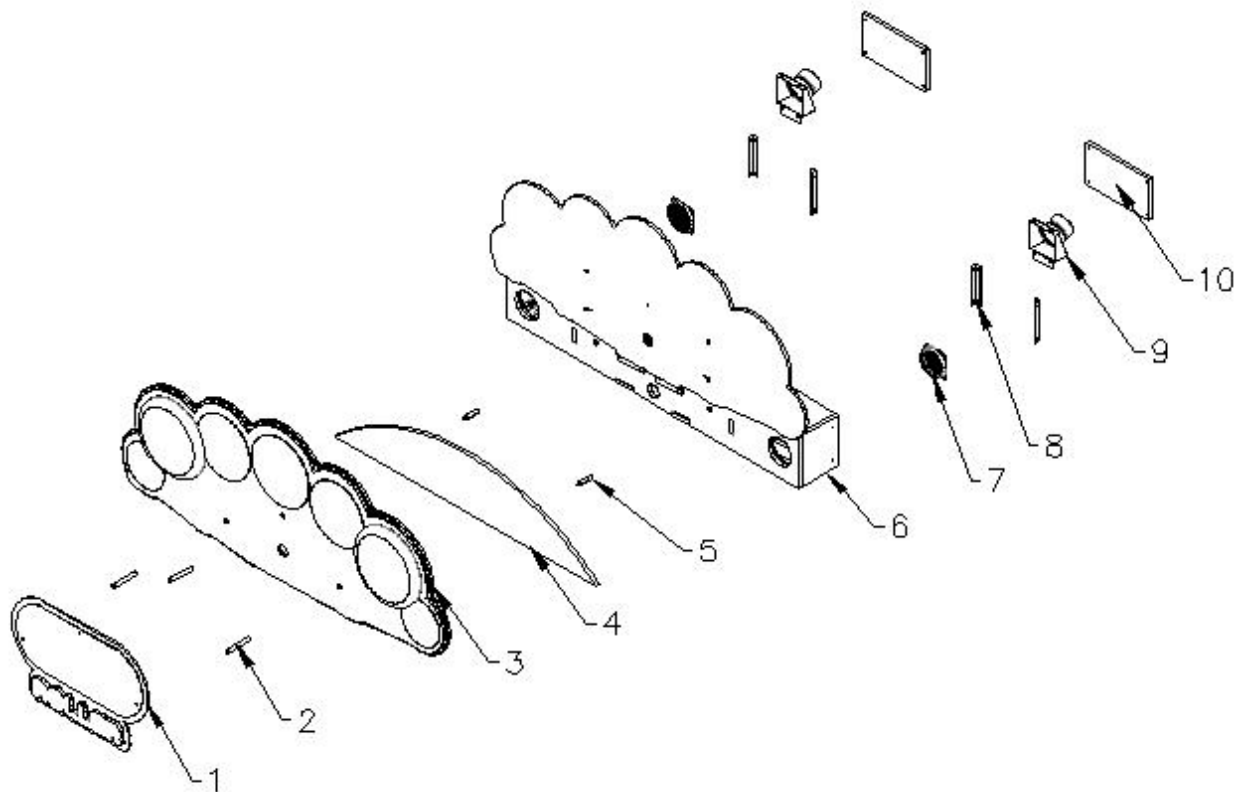
No.	Part No.	Code No.	Name	Version	Qty
1	E118-0609-00	202.1.2130.178	Swing ball track	1.1	2
2	E118-0605-00	201.06.000197	Bearing(61800-2Z)	1.1	2
3	E118-0604-00	202.1.2130.207	Track mid plate	1.1	2
4	E118-0603-00	202.1.2130.168	Pad pin plate	1.1	2
5	E118-0602-00	201.02.800736	Round nut	1.1	2
6	E118-0605-00	201.06.000197	Bearing(61800-2Z)	1.1	2
7	E118-0606-00	202.1.2130.210	Track connect rod	1.1	2
	E118-0611-00	201.06.002006	Bearing(MR128ZZ)	1.1	2
8	E118-0610-00	202.1.2130.099	Swing rod	1.1	1
9	E118-0617-00	202.1.2130.179	Out rod	1.1	1
	E118-0611-00	201.06.002006	Bearing(MR128ZZ)	1.1	2
10	E118-0618-00	202.1.2130.180	Shaft	1.1	1
11	E118-0616-00	202.1.2130.103	Motor plate	1.1	1
12	E118-0614-00	2.34.04.010070	DC motor(15RPM)	1.1	1

10.15 Pinball Plate Assembly



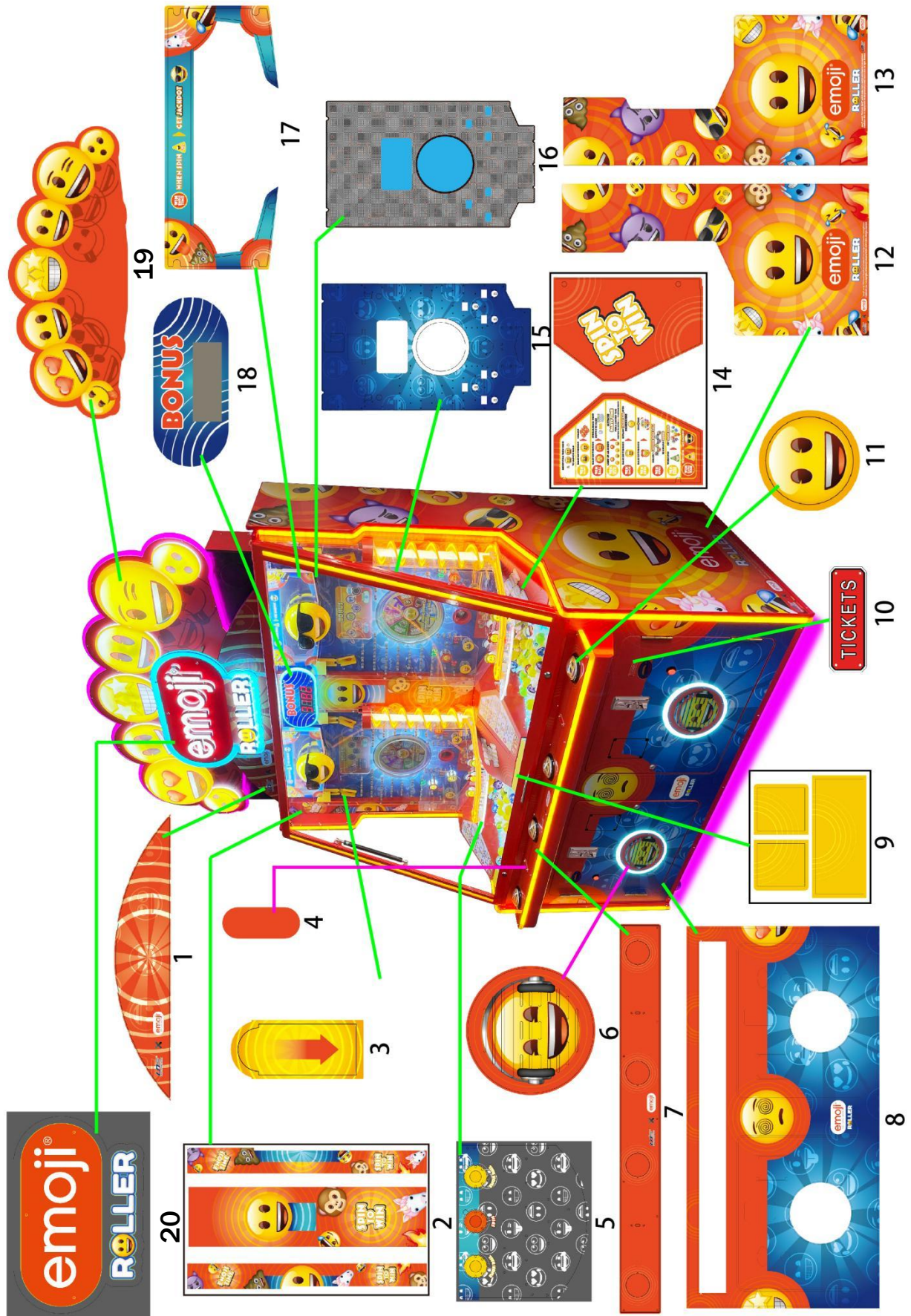
No.	Part No.	Code No.	Name	Version	Qty
1	E118-1412-00	202.1.2130.067	L side connect plate	1.1	1
	E118-1407-00	202.1.2130.068	R side connect plate	1.1	1
2	E118-2004-00	205.1.2130.004/7	Pinball decal	1.1	1
3	E118-1402-00	202.1.2130.070	Connect plate	1.1	1
4	E118-2014-00	205.1.2130.014/7	Pinball Emoji decal	1.1	1
5	E118-1405-00	202.1.2130.225	Emoji holes bracket	1.1	3
6	E118-1404-00	206.1.2130.067	Pin rubber	1.1	22
7	E118-1409-00	202.1.2130.073	R pressing plate	1.1	1
	E118-1411-00	202.1.2130.072	L pressing plate	1.1	1

10.16 Marquee Assembly

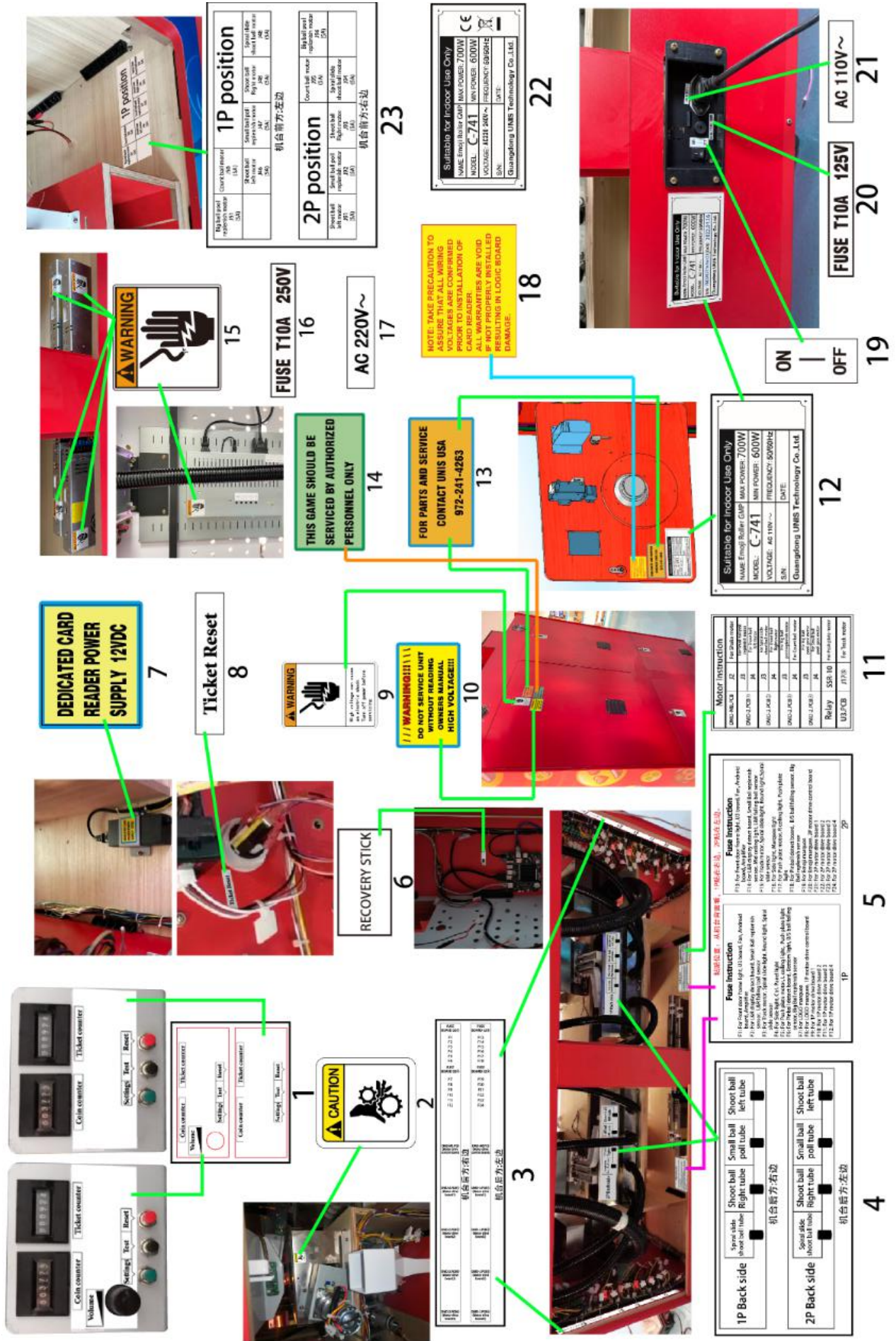


No.	Part No.	Code No.	Name	Version	Qty
1	E118-0927-00	206.1.2130.068	LOGO marquee PVC	1.1	1
2	E118-0918-00	202.1.2130.109	Upper column	1.1	1
3	E118-0915-00	206.1.2130.075	Back marquee	1.1	1
4	E118-0925-00	203.1.2130.078	Front backboard	1.1	1
5	E118-0920-00	202.1.2130.161	Front column	1.1	2
6	E118-0902-00	299.1.2130.022	Marquee base assembly	1.1	1
7	E118-0921-00	2.60.00027000	4" speaker net	1.1	1
8	E118-0913-00	202.1.2130.158	Speaker cover plate	1.1	1
9	E118-0931-00	202.1.2130.188	Speaker bracket	1.1	2
10	E118-0912-00	203.1.2130.079	Back cover board	1.1	2

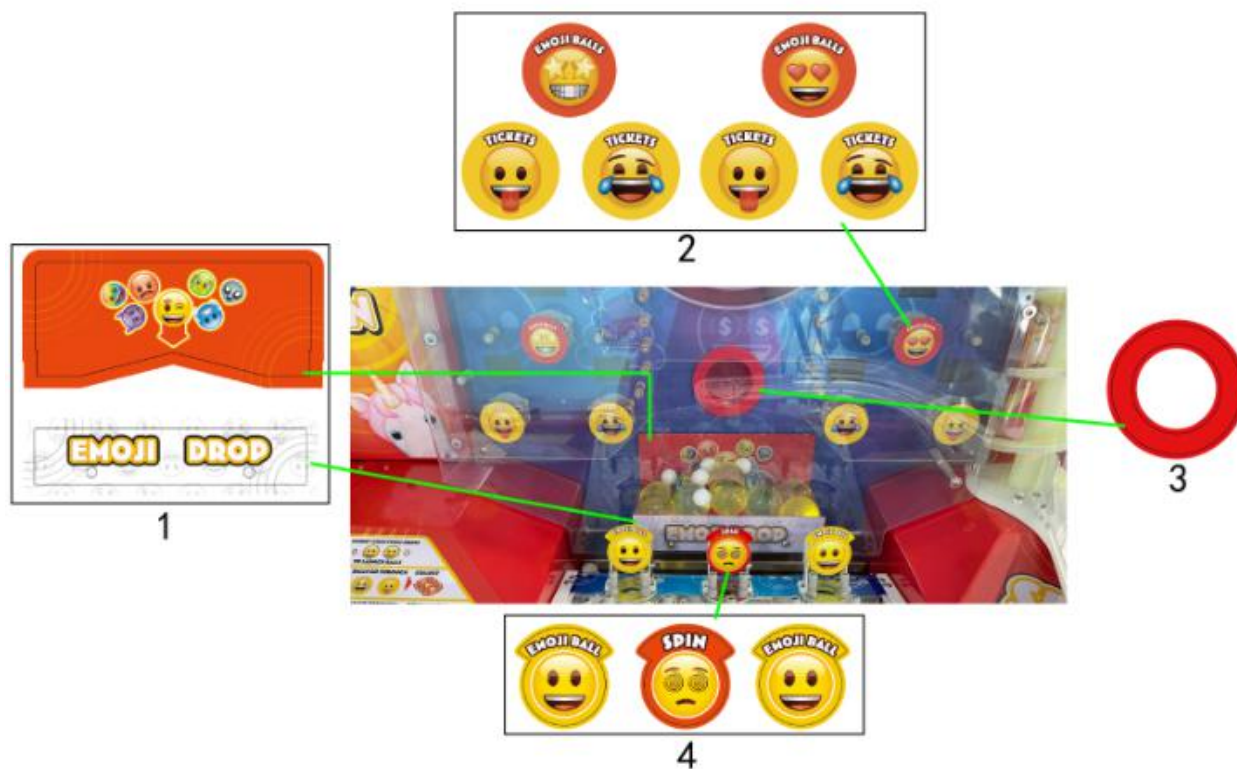
10.17 Decal Part



No.	Part No.	Code No.	Name	Version	Qty
1	E118-2009-00	205.1.2130.009/7	Marquee mid PVC	1.1	1
2	E118-2011-00	205.1.2130.011/7	Panel surrounding PVC	1.1	1
3	E118-2029-00	205.1.2130.026/6	Track decal	1.1	1
4	E118-2026-00	205.1.2130.002	Card reader blanking decal	1.1	1
5	E118-2004-00	205.1.2130.004/7	Pinball decal	1.1	1
6	E118-2016-00	205.1.2130.016/7	Speaker decal	1.1	1
7	E118-2001-00	205.1.2130.001/9	Console decal	1.1	1
8	E118-2006-00	205.1.2130.006/9	Front door decal	1.1	1
9	E118-2028-00	205.1.2130.025/3	Yellow decal	1.1	1
10	E118-2033-00	2.56.00.000034A	Ticket decal	1.1	1
11	E118-2027-00	205.1.2130.023	Button decal	1.1	1
12	E118-2007-00	205.1.2130.007/7	R side PVC	1.1	1
13	E118-2008-00	205.1.2130.008/7	L side PVC	1.1	1
14	E118-2010-00	205.1.2130.010/7	Game instruction decal	1.1	1
15	E118-2003-00	205.1.2130.003/7	Panel PVC	1.1	1
16	E118-2002-00	205.1.2130.002/7	Panel plastic	1.1	1
17	E118-2012-01	205.1.2130.012/2	Small ball pool decal	1.1	1
18	E118-2005-00	205.1.2130.005/7	Bonus decal	1.1	1
19	E118-0915-00	206.1.2130.075	Back marquee	1.1	1
20	E118-0927-00	206.1.2130.068	LOGO marquee PVC	1.1	1



No.	Part No.	Code No.	Name	Version	Qty
1	E118-2022-00	205.1.2130.022/7	Counter decal	1.1	1
2	E118-2037-00	2.56.00.000055	Caution decal	1.1	1
3	E118-2018-00	205.1.2130.018/7	Fuse board decal	1.1	1
4	E118-2021-01	205.1.2130.021/2	Motor tube label	1.1	1
5	E118-2023-00	205.1.2130.023/7	Fuse instruction decal	1.1	1
6	E118-2044-00	2.56.00.000116	Recovery stick decal	1.1	1
7	E118-2046-00	2.56.00.000121	Adapter decal	1.1	2
8	E118-2031-00	2.56.00.000008	Ticket reset decal	1.1	1
9	E118-2035-00	2.56.00.000037/1	High voltage decal(L)	1.1	4
10	E118-2038-00	2.56.00.000067A	Maintenance decal(yellow)	1.1	1
11	E118-2019-00	205.1.2130.019/7	Motor instruction decal	1.1	1
12	E118-2024-00	205.1.2130.024/7	110V nameplate	1.1	1
13	E118-2043-00	2.56.00.000095A	Maintenance decal(orange)	1.1	1
14	E118-2036-00	2.56.00.000042A	Maintenance decal(green)	1.1	1
15	E118-2034-00	2.56.00.000036	High voltage decal(S)	1.1	5
16	E118-2041-00	2.56.00.000077	Fuse label(T10A/250V)	1.1	1
17	E118-2040-00	2.56.00.000072	220V label	1.1	1
18	E118-2045-00	2.56.00.000120	AAMA warning decal	1.1	2
19	E118-2032-00	2.56.00.000016	Power SW decal	1.1	1
20	E118-2042-00	2.56.00.000083	Fuse label(10A/125V)	1.1	1
21	E118-2039-00	2.56.00.000071	110V label	1.1	1
22	E118-2025-00	205.1.2130.025/7	220V nameplate(CE)	1.1	2
23	E118-2020-00	205.1.2130.020/7	Motor position decal	1.1	1



No.	Part No.	Code No.	Name	Version	Qty
1	E118-2013-00	205.1.2130.013/7	Big ball pool decal	1.1	2
2	E118-2015-00	205.1.2130.015/7	Panel Emoji decal	1.1	1
3	E118-2030-00	205.1.2130.027/6	Red circle decal	1.1	1
4	E118-2014-00	205.1.2130.014/7	Pinball Emoji decal	1.1	1

Fuse Instruction

F1: For Front door frame light, U3 board, Fan, Android board, Amplifier
 F2: For L&R display detect board, Small Ball replenish sensor, L&R falling ball sensor
 F3: For Track motor, Spiral slide light, Round light, Spiral slide sensor
 F4: For Side light, Ctrl. Panel light
 F5: For Push plate motor, L ceiling light, Push plate light
 F6: For Pinball detect board, Bottom light, B/S ball falling sensor, Big Ball replenish sensor
 F7: For LOGO marquee
 F8: For LOGO marquee, 1P motor drive control board
 F9: For 1P motor drive board 1
 F10: For 1P motor drive board 2
 F11: For 1P motor drive board 3
 F12: For 1P motor drive board 4

1P

Fuse Instruction

F13: For Front door frame light ,U3 board, Fan, Android board, Amplifier
 F14: For L&R display detect board, Small Ball replenish sensor, Mid ceiling light, L&R falling ball sensor
 F15: For Track motor, Spiral slide light, Round light, Spiral slide sensor
 F16: For Side light, Marquee light
 F17: For Push plate motor, R ceiling light, Push plate light
 F18: For Pinball detect board, B/S ball falling sensor, Big Ball replenish sensor
 F19: For Emoji marquee
 F20: For Emoji marquee, 2P motor drive control board
 F21: For 2P motor drive board 1
 F22: For 2P motor drive board 2
 F23: For 2P motor drive board 3
 F24: For 2P motor drive board 4

2P

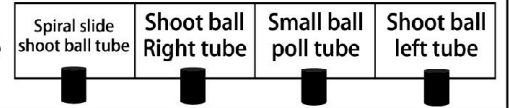
1

Motor Instruction

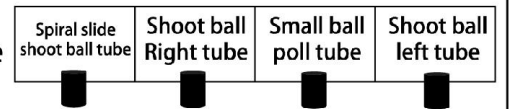
DMD-MB.PCB	J2	For Shake motor
DMD-2.PCB①	J3	For Small ball poll replenish motor
	J4	For Shoot ball left motor
DMD-2.PCB②	J3	For Spiral slide shoot ball motor
	J4	For Shoot ball Right motor
DMD-2.PCB③	J3	For Big ball pool replenish motor
	J4	For Count ball motor
DMD-2.PCB④	J3	For Big ball pool gate motor
	J4	For Small ball pool gate motor
Relay	SSR-10	For Push plate motor
U3.PCB	J17⑥	For Track motor

2

1P Back side



2P Back side



3

No.	Part No.	Code No.	Name	Version	Qty
1	E118-2019-00	205.1.2130.019/7	Motor instruction decal	1.1	1
2	E118-2023-00	205.1.2130.023/7	Fuse instruction decal	1.1	1
3	E118-2021-00	205.1.2130.021/7	Motor tube label	1.1	1

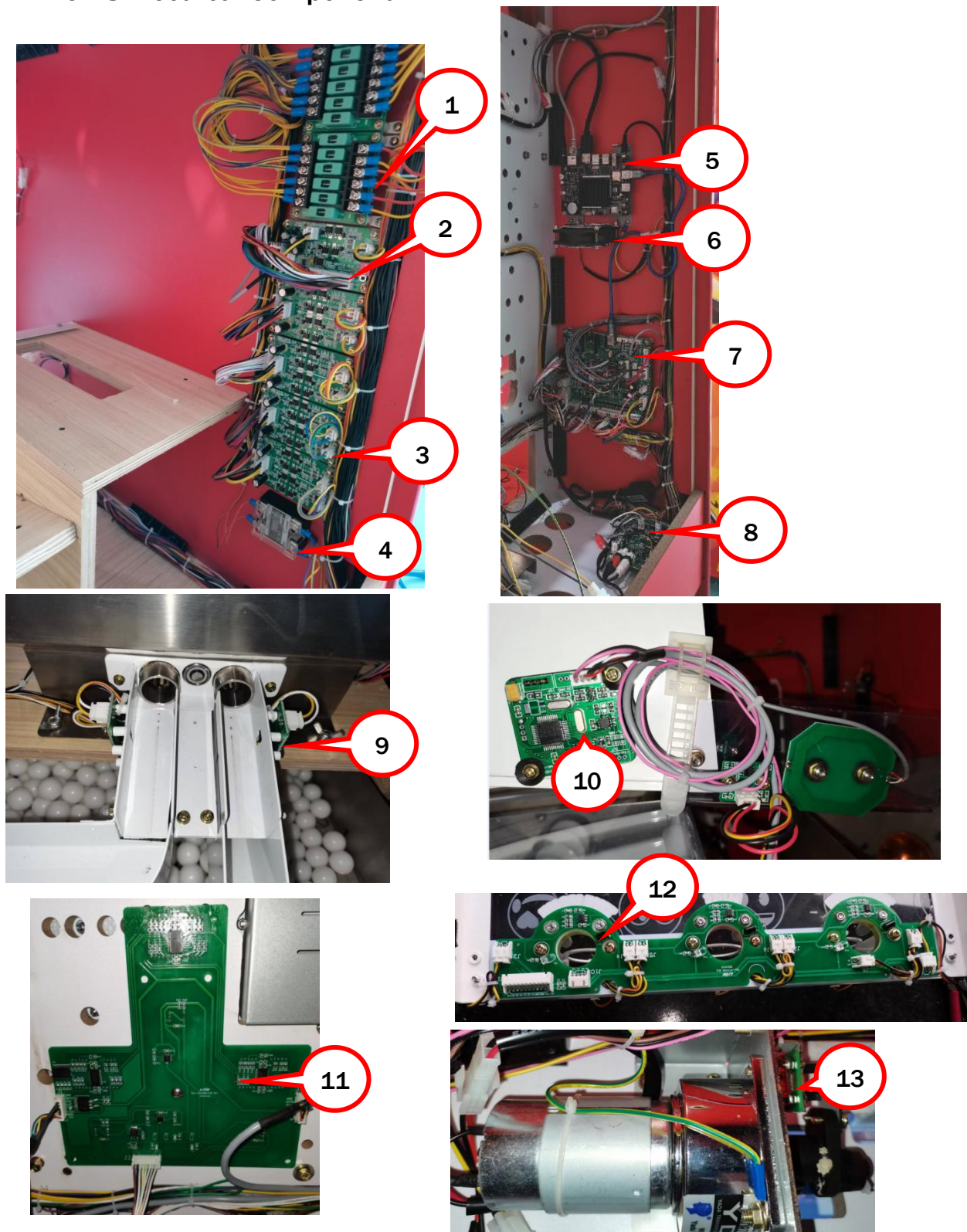
J01	J02	J03	J04	J05	J06	J08	J09	J10	J11	J13	J14	J15	J16	J17	J18	J19	J20	J21	J22
J23	J24	J25	J26	J27	J28	J29	J30	J31	J32	J33	J34	J35	J40	J41	J42	J43	J44	J52	J53
J54	J55	J57	J58	J59	J61	J62	J63	J64	J66	J67	J68	J69	J70	J71	J72	J73	J74	J75	J76
J77	J78	J79	J80	J81	J82	J83	J84	J85	J86	J87	J88	J89	J97	J98	J99	J100	A	B	C
D	E	F	A	B	C	D	E	F	U3.PCB J1	U3.PCB J2	U3.PCB J3	U3.PCB J6	U3.PCB J7	U3.PCB J12	U3.PCB J14	U3.PCB J17	U3.PCB J18	U3.PCB J19	U3.PCB J20
J106	J107	Fuse (5A)	Fuse (5A)	Fuse board02 F11(12V5A)	Fuse board02 F21(12V5A)	Fuse board02 F31(12V5A)	Fuse board02 F41(12V5A)	Fuse board02 F51(12V5A)	Fuse board02 F61(12V5A)	Fuse board02 F71(12V5A)	Fuse board02 F81(12V5A)	Fuse board02 F91(12V5A)	Fuse board02 F101(12V5A)	Fuse board02 F111(12V5A)	Fuse board02 F121(12V5A)	Fuse board02 F131(12V5A)	Fuse board02 F141(12V5A)	Fuse board02 F151(12V5A)	Fuse board02 F161(12V5A)
DMD-MB-PCB J9	DMD-MB-PCB J10	DMD-2.PCB J1	DMD-2.PCB J1	DMD-2.PCB J2	DMD-2.PCB J2	DMD-2.PCB J3	DMD-2.PCB J3	DMD-2.PCB J4	DMD-2.PCB J4	DMD-MB-PCB J2	DMD-MB-PCB J4	DMD-MB-PCB J7	DMD-MB-PCB J8	DMD-MB-PCB J9	DMD-MB-PCB J10	DMD-MB-PCB J11	DMD-MB-PCB J14	DMD-MB-PCB J7	DMD-MB-PCB J8
EMU-LED33.PCB J2	EMU-LED33.PCB J3	Big ball reader	Big ball reader	SSR-10 J12V Input	SSR-10 J12V Output	SSR-10 J12V Signal	SSR-10 J12V Control signal	SSR-10 J12V Input	SSR-10 J12V Output	SSR-10 J12V Signal	SSR-10 J12V Control signal	SSR-10 J12V Signal	SSR-10 J12V Control signal	SSR-10 J12V Signal	SSR-10 J12V Control signal	SSR-10 J12V Signal	SSR-10 J12V Control signal	SSR-10 J12V Signal	SSR-10 J12V Control signal
J45	J45	J90	J90	J90	J90	J90	J90	J90	J90	J90	J90	J90	J90	J90	J90	J90	J90	J90	J90
J50	J50	J95	J95	J95	J95	J95	J95	J95	J95	J95	J95	J95	J95	J95	J95	J95	J95	J95	J95
Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)	Fuse (5A)
AAMA GND	AAMA GND	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)
DMD-2.PCB J4	DMD-2.PCB J4	DMD-2.PCB J1	DMD-2.PCB J1	DMD-2.PCB J2	DMD-2.PCB J2	DMD-2.PCB J3	DMD-2.PCB J3	DMD-2.PCB J4	DMD-2.PCB J4	DMD-2.PCB J5	DMD-2.PCB J5	DMD-2.PCB J6	DMD-2.PCB J6	DMD-2.PCB J7	DMD-2.PCB J7	DMD-2.PCB J8	DMD-2.PCB J8	DMD-2.PCB J9	DMD-2.PCB J9
DBV SIGNAL(86)	DBV GND(A0)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)	DBV AC-L1(10)

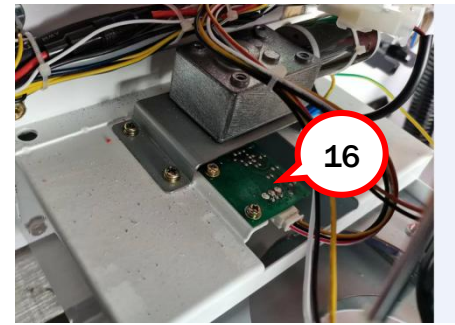
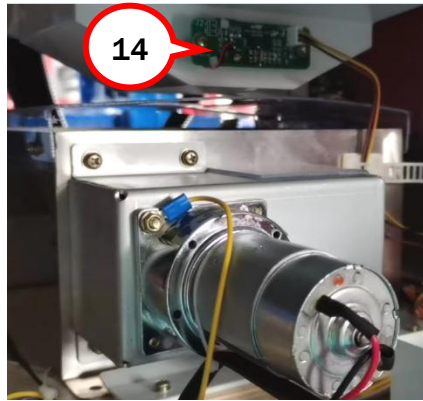
No.	Part No.	Code No.	Name	Version	Qty
1	E118-2017-01	205.1.2130.017/3	Wiring decal	1.1	1



No.	Part No.	Code No.	Name	Version	Qty
1	E118-2010-00	205.1.2130.010/7	Game instruction decal	1.1	1

10.18 Electrical Component





No.	Part No.	Code No.	Name	Version	Qty
1	E118-1828-00	2.17.14.000243A	Fuse board	1.1	4
2	E118-1820-00	297.4.1906003	Motor drive board(DMD-MB.PCB V1.0)	1.1	2
3	E118-1821-00	297.4.1922004	Motor drive board(DMD-2.PCB V1.0)	1.1	4
4	E118-1860-00	2.21.4.0100009	Relay	1.1	2
5	E118-1803-00	297.9.2004001	Android board	1.1	2
6	E118-1864-00	2.27.02.010015	Fan	1.1	2
	E118-1865-00	2.27.02.050004	Fan net	1.1	4
7	E118-1813-00	297.9.0300003B	U3 mainboard	1.1	2
8	E118-1818-00	2.28.03.060022	Amplifier	1.1	1
9	E118-1892-00	297.9.2202002	Sensor board	1.1	4
10	E118-1876-00	2.23.06000011	Reader	1.1	2
11	E118-1822-00	297.9.2202004	Display detect board	1.1	4
12	E118-1907-00	297.9.2202003	Sensor board(EMJ-RT3.PCB V1.0)	1.1	2
13	E118-1925-00	297.9.2010002	Sensor board(MOC70T4.PCB V1.2)	1.1	2
14	E118-1884-00	297.9.2204003	Detect board	1.1	2

No.	Part No.	Code No.	Name	Version	Qty
15	E118-1823-00	297.9.2112002	Sensor board(IR-RT1.PCB V1.0)	1.1	12
16	E118-1917-00	297.1.1101007	Sensor board(GPS4238.PCB)	1.1	4
17	E118-1851-00	2.17.04.000260	500 light board	1.1	2
18	E118-1850-00	2.17.04.000259	300 light board	1.1	1
19	E118-1936-00	297.9.0400002	Display board	1.1	1



No.	Part No.	Code No.	Name	Version	Qty
1	E118-1901-00	2.20.02.020057	2835 yellow light strip	1.1	42.32 inx2 (1075mmx2)
2	E118-1901-00	2.20.02.020057	2835 yellow light strip	1.1	63.97 inx2 (1625mmx2)
	E118-1901-00	2.20.02.020057	2835 yellow light strip	1.1	27.55 inx2 (700mmx2)
	E118-1905-00	2.20.02.020056	2835 white light strip	1.1	16.73 inx2 (425mmx2)
3	E118-1935-00	2.28.01.080027	4"speaker	1.1	2
4	E118-1874-00	2.20.02.020062	2835 blue light strip	1.1	(750mm)
	E118-1936-00	297.9.0400002	Display board	1.1	1
5	E118-1905-00	2.20.02.020056	2835 light strip	1.1	7.87 inX4 (200mmx4)
6	E118-1854-00	2.20.02.020032	5050 blue light strip	1.1	15.74 inx2 (400mmx2)
7	E118-1852-00	2.20.02.020033	5050 yellow light strip	1.1	66.92 in (1700mm)
8	E118-1853-00	2.20.02.020034	5050 pink light strip	1.1	61.02 in (1550mm)
9	E118-1895-00	2.24.01.150005A	Button	1.1	4
10	E118-1856-01	2.28.01.080028	5" speaker	1.1	2
	E118-1874-00	2.20.02.020062	2835 blue light strip	1.1	27.55 inx2 (700mmx2)
11	E118-1857-00	2.24.01.010004	Button	1.1	2
	E118-1858-00	2.26.04.000006	Micro SW	1.1	2
	E118-1859-00	2.20.03.000018	LED bulb	1.1	2



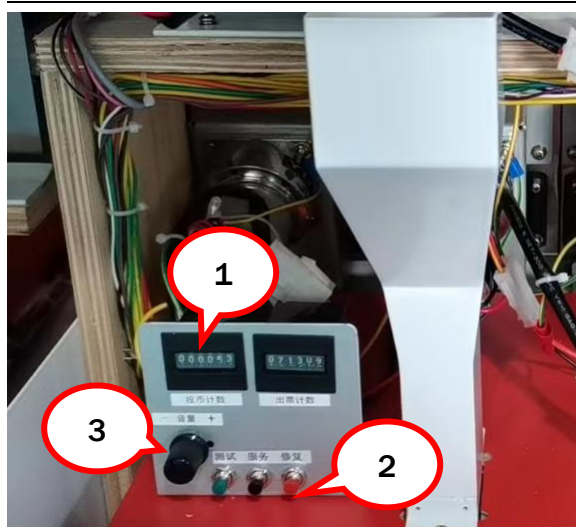
No.	Part No.	Code No.	Name	Version	Qty
1	E118-1901-00	2.20.02.020057	2835 yellow light strip	1.1	5.90 in (150mm)
2	E118-1911-00	2.20.02.020059	2835 red light strip	1.1	5.90 in (150mm)
3	E118-1901-00	2.20.02.020057	2835 yellow light strip	1.1	5.90 in (150mm)
4	E118-1909-00	2.20.02.020067	2835 green light strip	1.1	9.05 in (230mm)
5	E118-1822-00	297.9.2202004	Display detect board	1.1	4
6	E118-1884-00	297.9.2204003	Detect sensor board	1.1	2



No.	Part No.	Code No.	Name	Version	Qty
1	E118-0068-00	4.10.04000058	Small ball	1.1	2700
2	E118-0069-00	4.10.04000063	Big ball	1.1	88



No.	Part No.	Code No.	Name	Version	Qty
1	E118-1851-00	2.17.04.000260	500 light board	1.1	1
2	E118-1851-00	2.17.04.000260	500 light board	1.1	1
3	E118-1850-00	2.17.04.000259	300 light board	1.1	1
4	E118-1808-00	2.12.01.000040	21.5" monitor	1.1	1
	E118-1905-00	2.20.02.020056	2835 white light strip	1.1	34.33 inx2 (872mmx2)
5	E118-1852-00	2.20.02.020033	5050 yellow light strip	1.1	90.55 inx2 (2300mmx2)
6	E118-1861-00	2.23.01000002	Coin mechanism	1.1	2
7	E118-1862-00	2.31.00000005	Ticket dispenser	1.1	2
	E118-1863-00	297.9.07000002	Ticket converted board	1.1	2



No.	Part No.	Code No.	Name	Version	Qty
1	E118-1843-00	2.30.00000006	Counter	1.1	2
2	E118-1844-00	2.24.02.010002	Button(red)	1.1	1
	E118-1845-00	2.24.02.030002	Button(green)	1.1	1
	E118-1846-00	2.24.02.050001	Button(black)	1.1	1
3	E118-1847-00	2.24.03.000001	Knob cover	1.1	4
	E118-1848-00	297.9.1400001	POT board	1.1	2
4	E118-1834-00	2.16.02.000117	Power supply	1.1	4



No.	Part No.	Code No.	Name	Version	Qty
1	E118-0065-00	4.10.04000075	Ball(Devil)	1.1	10
2	E118-0066-00	4.10.04000076	Ball(Frozen)	1.1	10
3	E118-0067-00	4.10.04000077	Ball(Rainbow)	1.1	10
4	E118-0062-00	4.10.04000072	Ball(Alien)	1.1	10
5	E118-0064-00	4.10.04000074	Ball(Green face)	1.1	10
6	E118-0063-00	4.10.04000073	Ball(Anger)	1.1	10



