

POLAR IGLOO



**Be Sure
to Read this
Manual
Before Use**

Operation Manual



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WE ARE HERE TO ASSIST
For parts and service



Have Questions? Contact us!

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Thank you for purchasing **Polar Igloo**. 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;

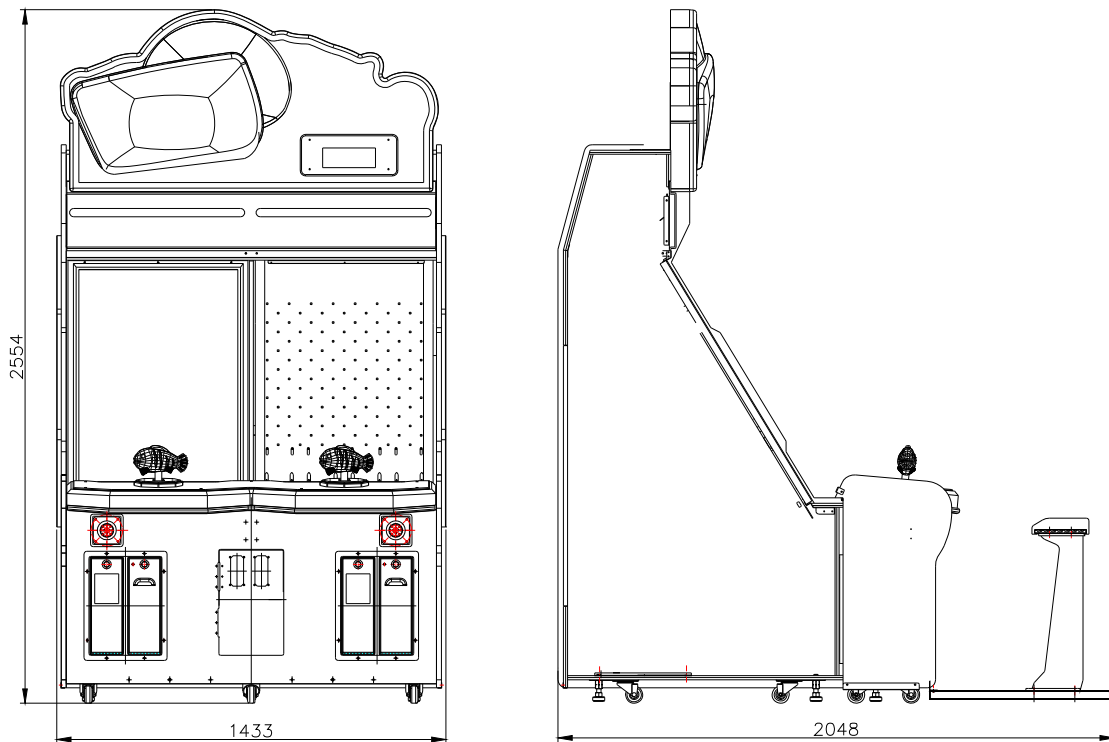
Min. Power consumption: 460W

Max. Power consumption: 520W

Dimensions: W2046×D1433×H2554(mm)

Weight: Approximately 200kg

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








Note: Game parameters are subject to change without notice.

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

2. PACKAGE CONTENTS

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

1. 1 x Body Assembly
2. Following accessories

No.	Part No.	Code	Name	Spec.	Qty	Picture
1	P127-435-000	23301010020	Power cord	3×16AWG 1.8M	1	
2	P127-431-000	21901000030	Fuse	Φ5×20mm T10A 125VAC	1	
3	P127-481-000	25300171002	Key	171	2	
4	P127-482-000	25300172002	Key	171B	2	
5	P127-483-000	40607000001	Wrench	CR-V4mm	1	
6	P127-732-000	41440000130	Manual	170420	1	
7	P127-190-000	20611407014	Ball	Φ35	40	

NOTE: Part models are subject to change without notice.

3. PART NAME



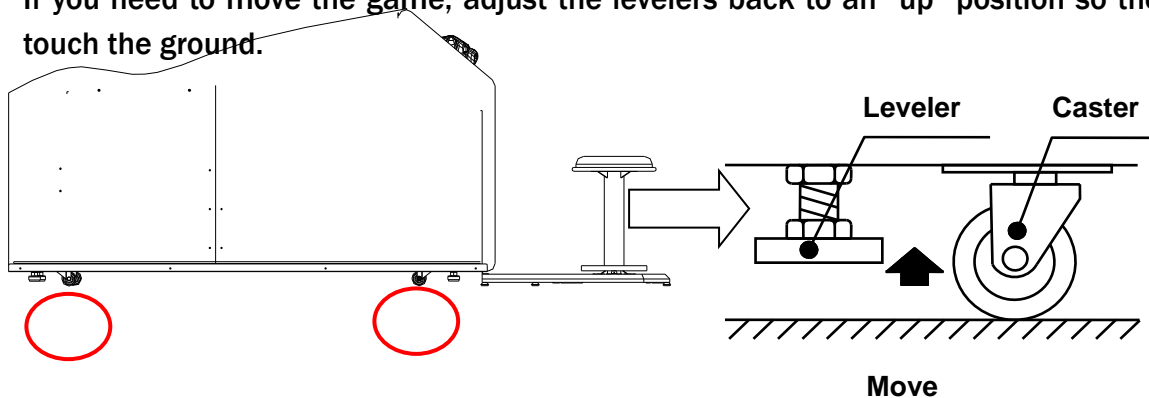
4. SET UP & INSTALLATION

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

- Refer to IMPORTANT SAFETY INSTRUCTIONS (Pg. 2) 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 so the casters touch the ground.



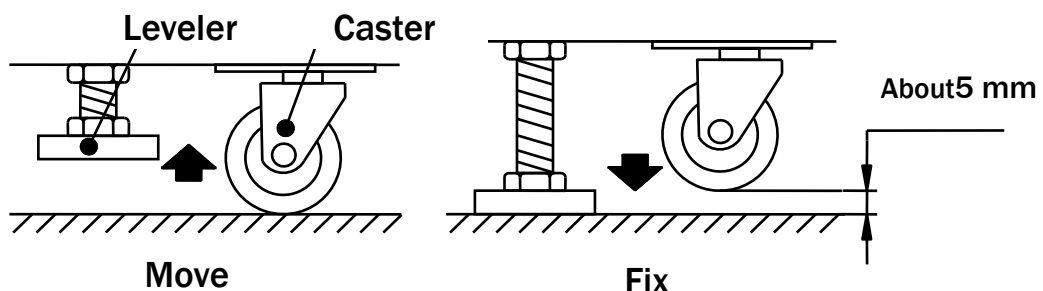
NOTICE

- Be careful not to damage the machine during transport.
- The machine should be handled with care when bringing it down from a higher level.
- 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 5mm. Repeat the same for all levelers.



! NOTICE

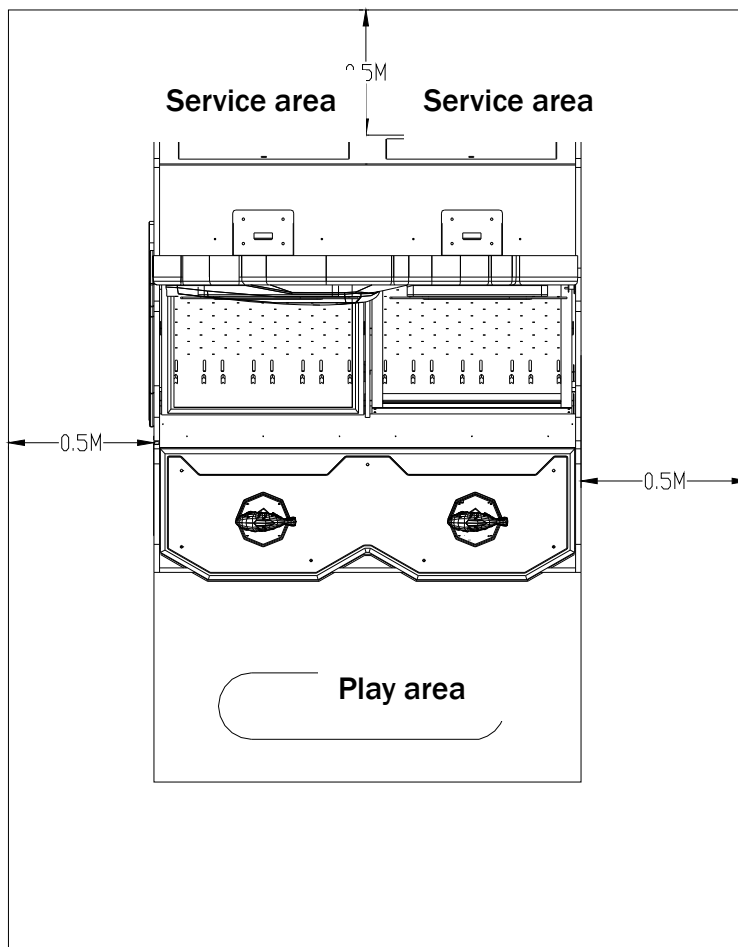
Make sure the machine is level with the ground and all the adjustable legs should stick to the floor closely.

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: 500mm

Play area: 500mm



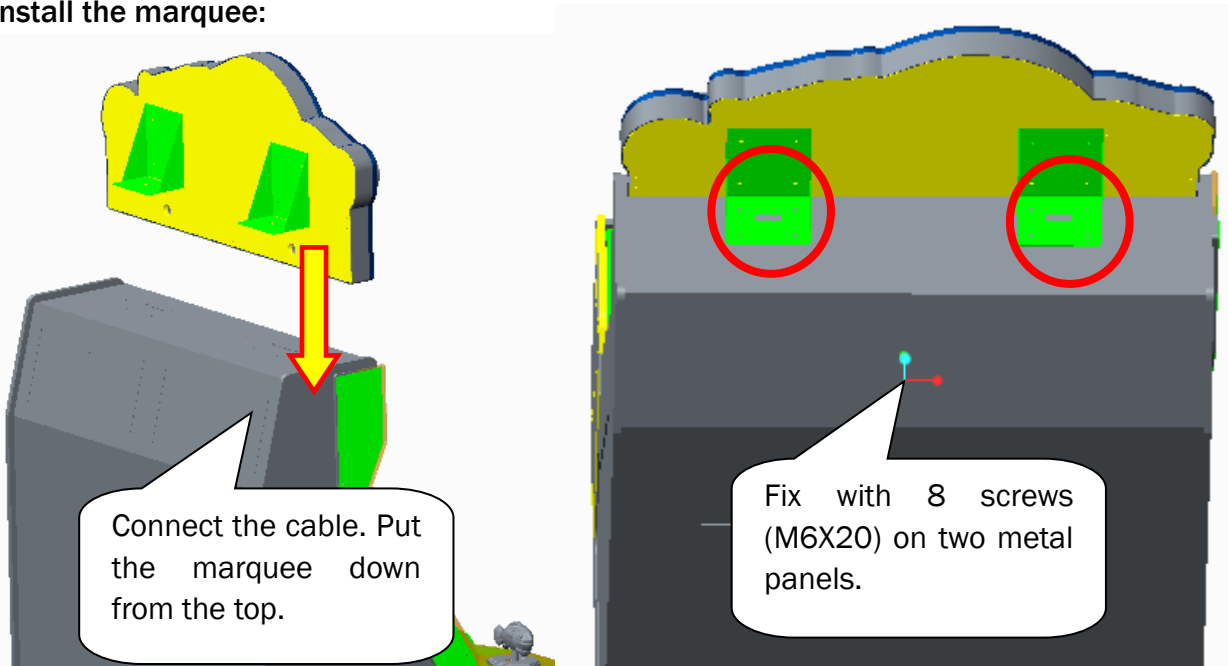
4.4 How to Install the Machine

Install the stool:



Connect the cable. Move the panel close to the cabinet and fix with 4 screws (M5X12).

Install the marquee:

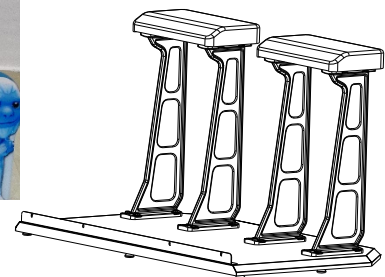


Connect the cable. Put the marquee down from the top.

Fix with 8 screws (M6X20) on two metal panels.

4.5 Packing Notes

- a. Take all balls out of the machine before shipment. Balls should be packed separately.
- b. The control panel part cannot be taken out when packing unless a container is loading all Polar Igloo machines. In other cases, take the seat and marquee out for packing.



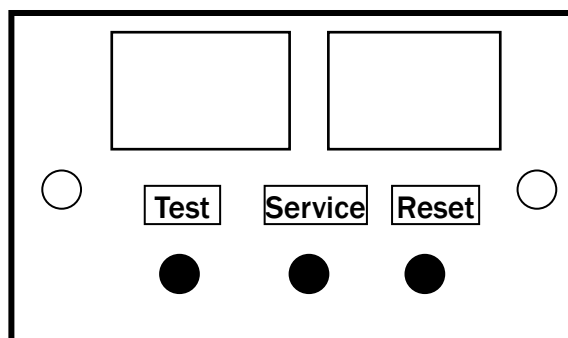
5. HOW TO PLAY

1. Insert coin(s). Pull the fish controller to drop the ball down.
2. Hit the targets to win BONUS.
3. When ball drop to the bottom area it may activate the mini games to get more rewards.
If all mini games are passed can win BONS also.



6. GAME OPTION

6.1 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 Main Menu

Basic Setting
Customized Setting
Input Test
Output Test
Game Reset
Date/Time Setting
Language/语言
Bookkeeping
Daily Record
About This Game
Back to Game

6.2.2 Basic Setting

Free Play	on/off
Tickets Out	on/off
Memory Save	on/off
Volume	1-10
Payout	10, 15, 20, 25, 30, 35, 40, 45, 50
Coins Per Game	1-50
Ball Per Game	1, 2, 3
Out of Tickets	Store in memory/Call Attendant
Back & Save	
Back	

6.2.3 Customized Setting

Fixed Ticket	0-99
Divided by 2	ON/OFF
Penguin Tickets	1_2_3_4_5_6_7_8_9_10_15_20_25_30_35_40_45_50
Sea Lions Tickets	1_2_3_4_5_6_7_8_9_10_15_20_25_30_35_40_45_50_60_70_80_90_100
Polar bear Tickets	10_15_20_25_30_35_40_45_50_60_70_80_90_100_110_120_130_140_150_160_170_180_190_200
Treasure Box Tickets	1_2_3_4_5_6_7_8_9_10_15_20_25_30_35_40_45_50_60_70_80_90_100
Gold Tree Tickets	1_2_3_4_5_6_7_8_9_10_15_20_25_30_35_40_45_50
Gold Penguin Per Turn	1_2_3_4_5
Back & Save	
Back	

6.2.4 Input Test

1PCoin
2PCoin
1PStartButton
2PStartButton
Back

6.2.5 Output Test

1PTicketDriver
2PTicketDriver
1PBall return mechanism and solenoid test
2PBall return mechanism and solenoid test
1PBall release mechanism left/right movement test
2PBall release mechanism left/right movement test
1PBall release test
2PBall release test
Back

6.2.6 Game Reset

Factory restore
Reset Game Mode Settings
Clear all records
Clear all records
Clear owed ticket
Clear unused coin
Back

6.2.7 Date/Time Setting

Year↵	2010-2100↵
Month↵	1-12↵
Day↵	1-31↵
Hour (24)↵	0-23↵
Minute↵	0-59↵
Second↵	0-59↵
Back↵	↵

6.2.8 Bookkeeping

Player	Coin	Tickets	Payout
1	0	0	0
2	0	0	0
Sum	0	0	0

Save?
No
Yes

Reset
Back

6.2.9 Daily Record

Date	Weekday	RunTime	Coins	Tickets	Payout
2013	SAT	00:10	0	0	0.00

Save?
No
Yes

Reset
Back

6.2.10 About This Game

CPU
MotherBoard
HDD
RAM
Monitor
Screen
Version
Back

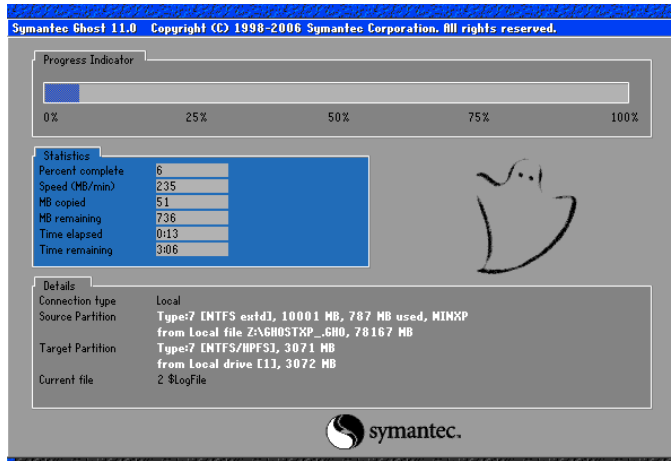
7. ERROR MESSAGE AND RECOVERY

7.1 Trouble Shootings

- Please confirm whether every connector connected tightly.

Troubles	Cause	Methods
Cannot start	Frame assembly connector fall off	Please plug in connector tightly
	Frame assembly fault	Please contact with dealer
Power cutting	Circuit protector make power SW in cutting state	Please turn on power SW again. If appeared again and again, machine has anomaly. Please contact with dealer
Coin mech. no reaction	Coin mech.fault	Change coin mech.
	Coin mech. signal cable loosen	Check coin mech. signal line loosen or not
	IO control board fault	Change IO board
Speaker no sound	Volume set too low	Please raise the volume
	Connector falls off	Please plug in connector tightly
	PCB fault	Please change PCB
	Speaker fault	Please change speaker
Monitor black screen	Connector falls off	Please plug in connector tightly
	Monitor fault	Please change monitor
Monitor blue screen	PC power cord is loose	Check PC power cord whether is loose.
	VGA signal cable is loose.	Check VGA signal whether is loose.
	PC video card is loose.	Plug video card again.
	PC into protection	Open front cover, if power on light flash all the time. Press power button 30s, then restart. If no work, please call Lenovo: 8008108888
Playing normal, but appear system halted	Video card is loose or poor contact	Plug video card again
	PC crash	Restart or system recovery
Gun no reaction	POT no initialize	Please initialize it
	Connector falls off	Please plug in connector tightly
	POT install error	Please install POT correctly
	POT fault	Please change POT
Trigger no reaction	Connector falls off	Please plug in connector tightly
	Micro SW fault	Please change micro SW
Start button no reaction	Connector falls off	Please plug in connector tightly
	Button breakdown	Please change star button
Gun doesn't shock	PCB fault	Please change PCB
	Shock assembly fault	Please change shock assembly
Gun thumb error	Thumb position error	Please calibrate gun assembly
	Thumb reverse	Gun calibrate reverse

7.2 System Recovery Operation



1. Turn off the game. Insert the memory stick into the USB port at the back of the computer.

2. Restart PC to enter the system recovery screen as shown.

3. The game will automatically start recovery which will last about 5 minutes.

Please wait until process is complete.
Please wait until process is complete.



4. Once system recovery is finished (as shown on the left), remove the USB flash drive from the computer and turn off the PC. Wait at least 30 seconds before restarting the PC.



WARNING: the USB flash drive should only be used to fix software errors. Using it for other purposes may cause unexpected results and damages.

8. MAINTENANCE & INSPECTION

8.1 Safety Check

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

1. Try to run the 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 be kept running smoothly

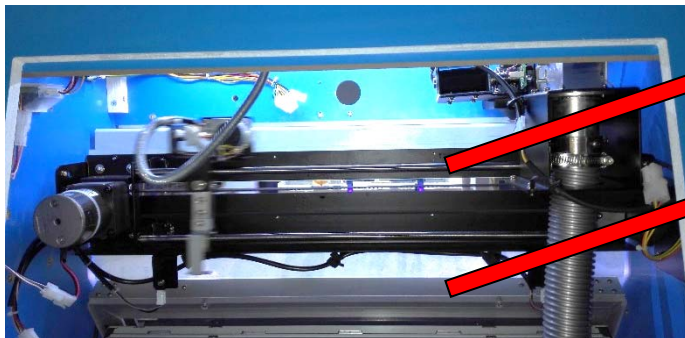
8.2 Handling Precautions

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

8.3 Add Lubricating Oil

Check the movement mechanism of the release ball assembly every half month. Make sure lubricating oil is on the slider bar. If not, please add it.



Keep lubricating oil on the bar

8.4 Clean Monitor

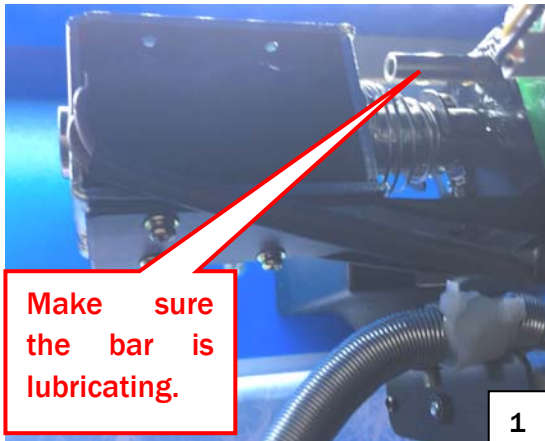
Remove the black metal plate around the monitor. Take the monitor plastic out. Clean the monitor with clean and soft cotton cloth.



8.5 How to Fix Balls get stuck in ball release assembly.

Normal status (Picture 1)

The ball release assembly reset normally.



Problem status (Picture 2)

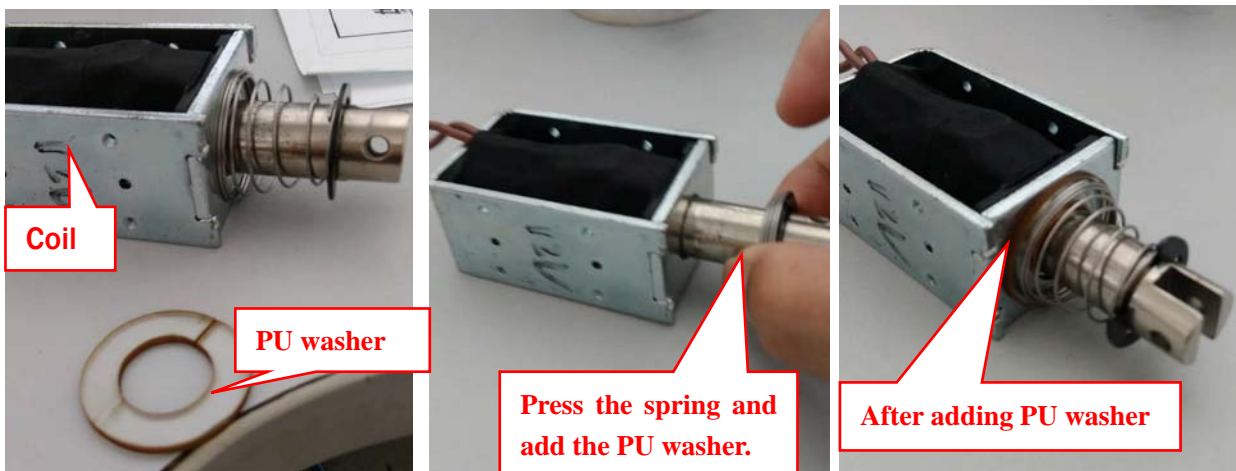
The pole is not reset in ball release assembly.



Problem & Solutions:

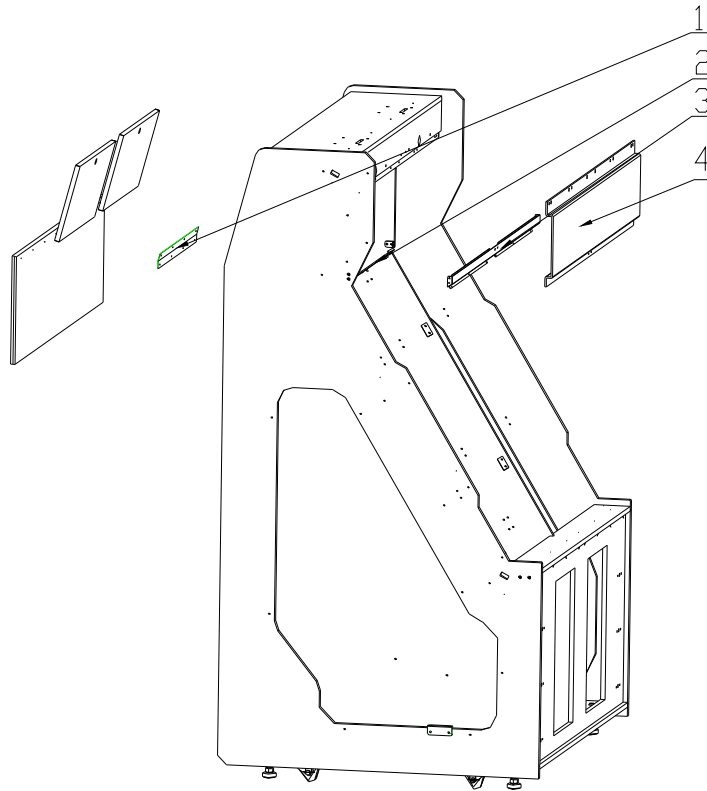
1. Lack of Lubrication: Add lubricating oil on the bar and make sure barrier free.
2. Loose Spring: Contact the After Sales for new spring or add a PU washer.
3. Coil Problem: Replace with a new one.

How to Add PU Washer



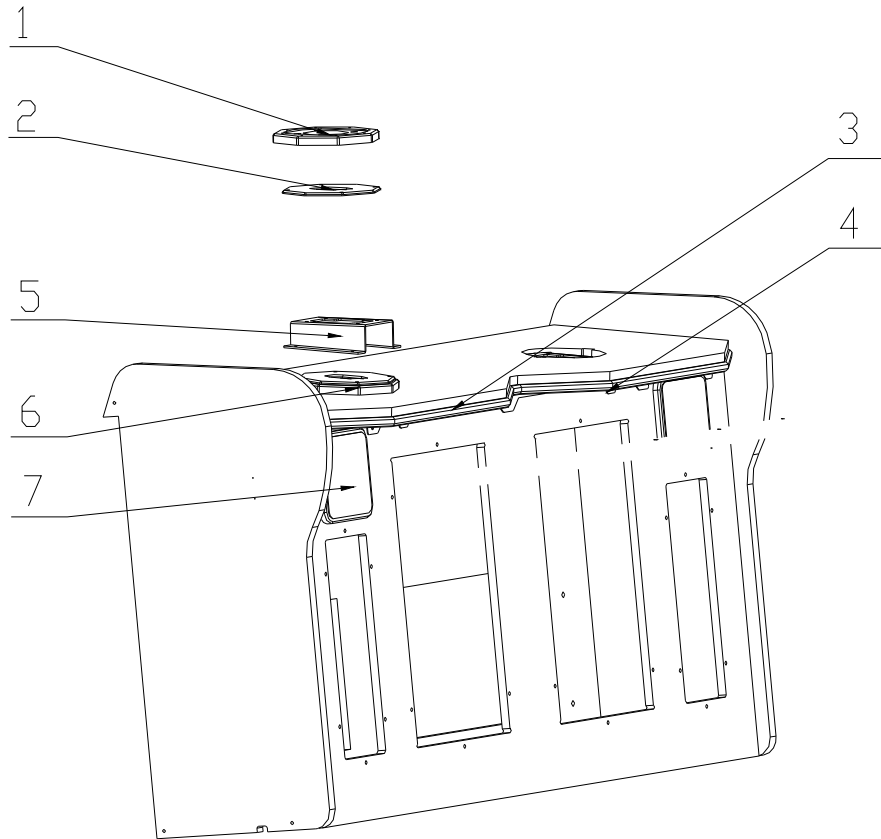
9. OVERALL CONSTRUCTION

9.1 General Assembly 1



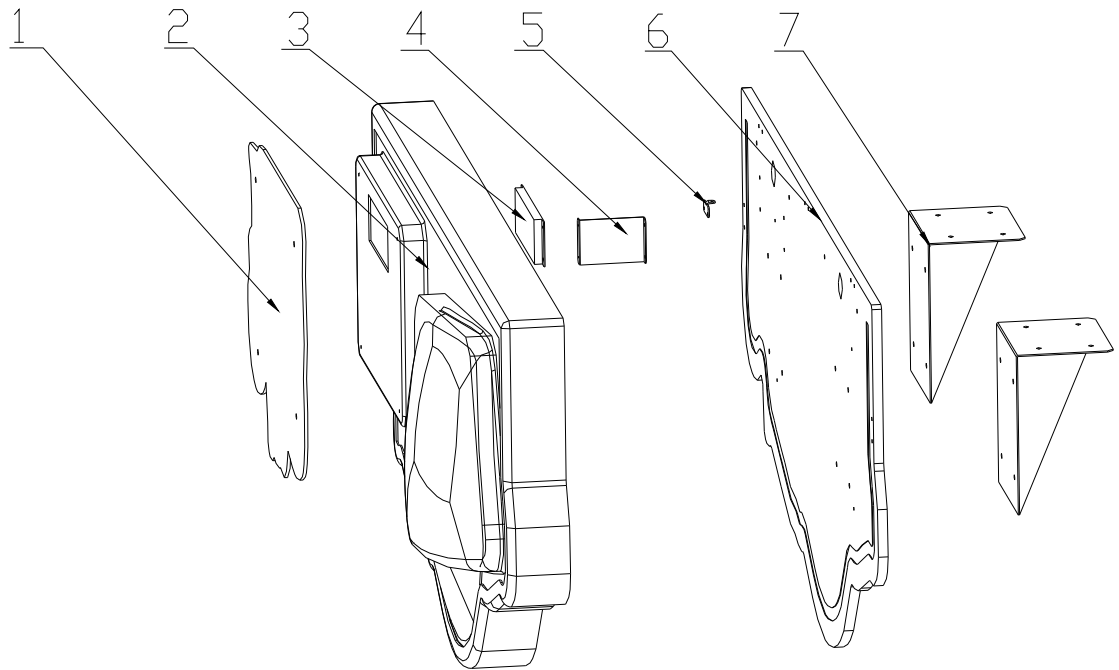
No	Part No.	Code No.	Name	Qty.
1	P127-174-000	20241507006	Beam reinforced plate	2
2	P127-175-000	20241507007	Window guard sheet	2
3	P127-107-000	20241507005	Window beam	1
4	P127-701-000	20541507B001	Window graphic	1

9.2 Control Panel Assembly



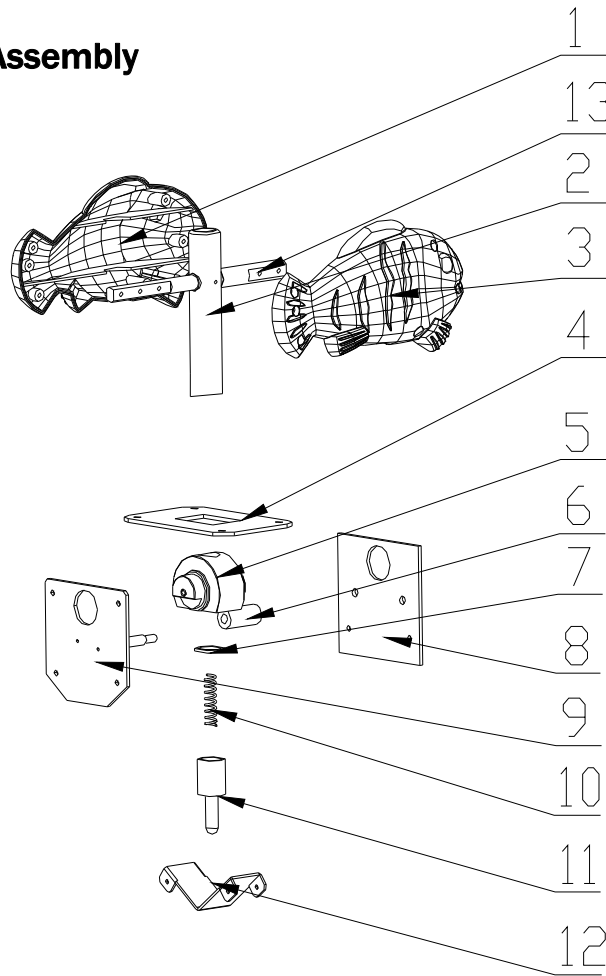
NO.	Part No.	Code No.	Name	Qty.
1	P127-132-000	20641507013	octagon plastic	2
2	P127-702-000	20541507B002	Octagon plastic graphic	2
3	P127-118-000	20641507015	Control panel plastic	1
4	P127-116-000	20241507023	Control panel bottom panel	1
5	P127-117-000	20241507024	Fish fixed panel	2
6	P127-134-000	20641507038	Octagon thin PVC	2
7	P127-102-000	20641507014	Speaker plastic	2

9.3 Marquee Assembly



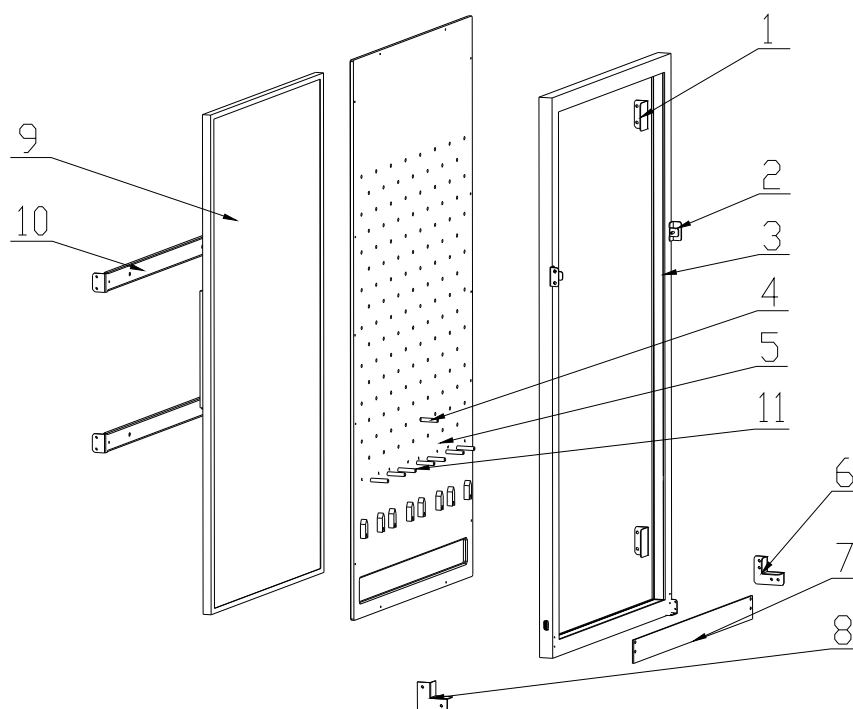
No.	Part No.	Code No.	Name	Qty.
1	P127-707-000	20541507B007	Display plastic	1
2	P127-708-000	20541507B008	Marquee plastic	1
3	P127-456-000	29741112002	Display	1
4	P127-643-000	20241507067	Display mounted plate	2
5	P127-642-000	20241507045	Vacuum form fixed plate	8
6	P127-536-000	20341507035	Marquee plate	1
7	P127-641-000	20241507044	Marquee mounted plate	2

9.4 Fish Controller Assembly



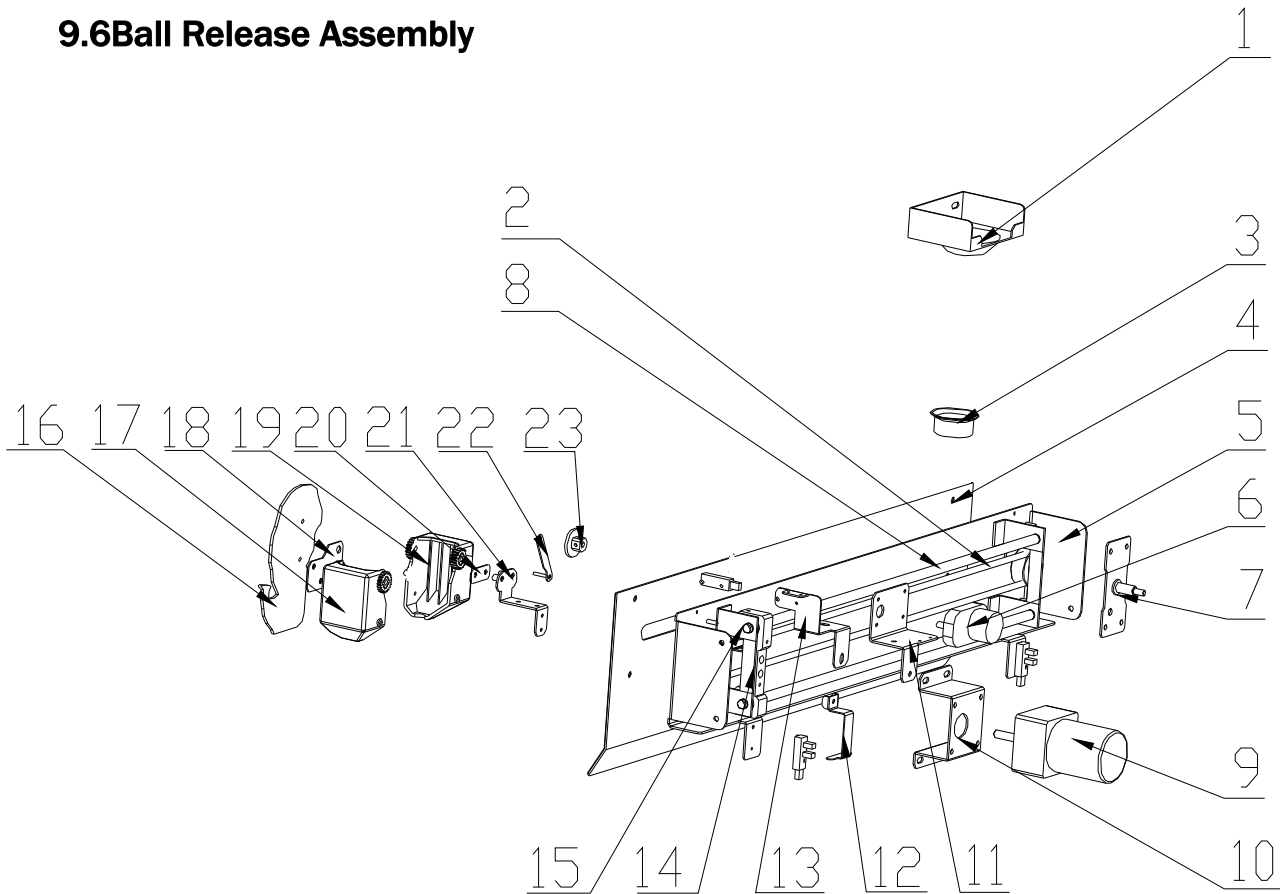
No.	Part No.	Code No.	Name	Qty.
1	P127-133-000	20641507012	Front half fish	2
2	P127-125-000	20241507072	Handle shaft	2
3	P127-126-000	20641507011	Half fish	2
4	P127-131-000	20641507021	PVC plate	2
5	P127-123-000	20241507082	Spindle	2
6	P127-120-000	20641507003	Switch stop collar	4
7	P127-122-000	20641507010	Washer	2
8	P127-130-000	20241507021	Switch underbed plate	2
9	P127-129-000	20241507022	Switch cover plate	2
10	P127-121-000	20241507081	Pressure spring	2
11	P127-119-000	20241507083	Sliding column	2
	P127-128-000	20641507004	Rod sleeve	2
12	P127-127-000	20241507020	angular position	2
13	P127-124-000	20241507073	Handle cross rod	2

9.5 Monitor Assembly



No.	Part No.	Code No.	Name	Qty.
1	P127-172-000	20241507018	Monitor support plate	4
2	P127-170-000	20241507019	Monitor middle support plate	4
3	P127-136-000	20241507015	Monitor frame	2
4	P127-163-000	20641507025	Bumping post 1	240
5	P127-160-000	20641507030	Detective panel	2
6	P127-150-000	20241507016	Detective frame R support plate	4
7	P127-173-000	20641507034	Frame baffle	2
8	P127-151-000	20241507017	Detective frame L support plate	4
9	P127-135-000	20641507029	Monitor plate	2
10	P127-166-000	20241507060	L monitor bracket	4
11	P127-162-000	20641507026	Bumping post 2	16

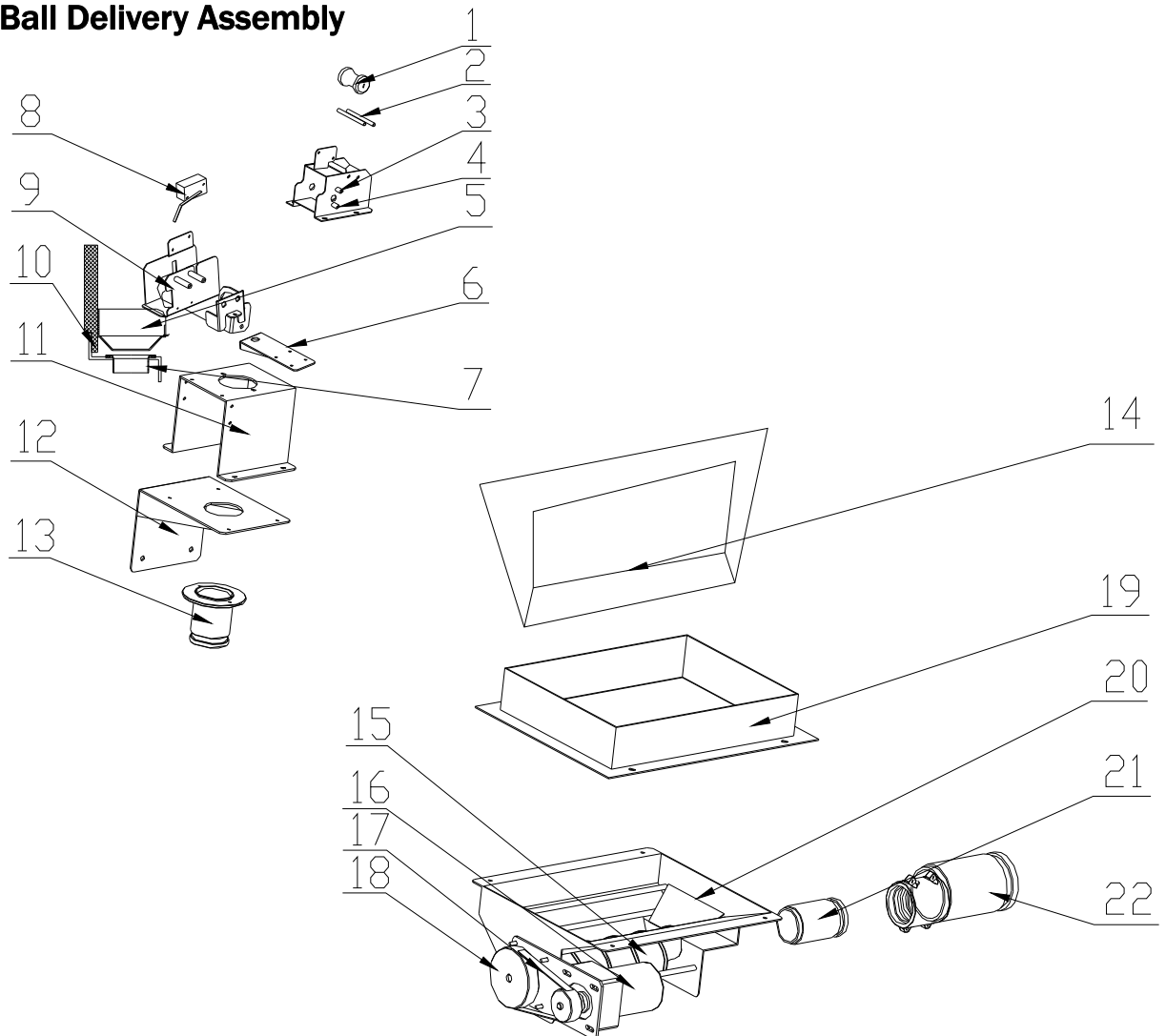
9.6 Ball Release Assembly



No.	Part No.	Code No.	Name	Qty.
1	P127-606-000	20241507027	Release box	2
2	P127-424-000	26504000025	Square tooth belt	2
3	P127-605-000	20641507028	Catch ball guide sleeve	2
4	P127-705-000	20541507B005	Release ball graphic	2
5	P127-623-000	20241507035	Belt metal bracket	2
7	P127-638-000	20641507024	Motor timing pulley	2
	P127-621-000	20241507036	Driven pulley mounted plate	2
	P127-636-000	20641507023	Driven timing pulley	2
	P127-405-000	20106000320	Flange BR.	8
8	P127-635-000	20241507070	Slide bar	4
9	P127-423-000	23404000115	DC motor	2
10	P127-625-000	20241507037	Motor mounted plate	2
11	P127-627-000	20241507040	Motor fixed plate	2
12	P127-622-000	20241507066	Position sensing plate	2
13	P127-629-000	20241507042	Sensor fixed plate	2
14	P127-624-000	20241507076	Sliding block	2
	P127-422-000	20106110002	Ball BR.	4
15	P127-639-000	20241507041	Timing belt sheet	2

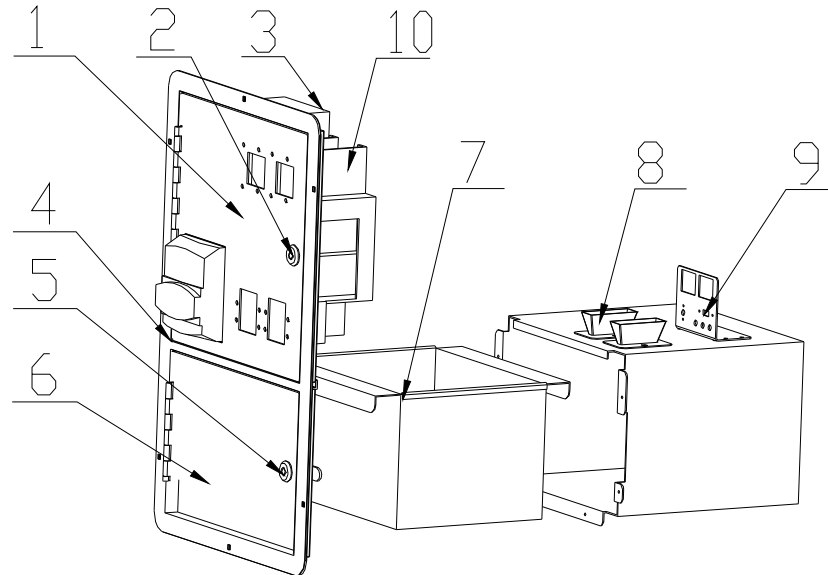
No.	Part No.	Code No.	Name	Qty.
16	P127-703-000	20541507B003	R character plastic	1
	P127-704-000	20541507B004	L character plastic	1
17	P127-631-000	20641507002	R ball box	2
18	P127-632-000	20241507043	Character mounted plate	2
19	P127-628-000	20641507001	L ball box	2
20	P127-630-000	20241507039	Gear mounted plate	2
21	P127-637-000	20241507038	Slide block belt fixed plate	2
22	P127-633-000	20241507064	Release ball pull plate	2
23	P127-634-000	20241507077	Eccentric wheel	2

9.7 Ball Delivery Assembly



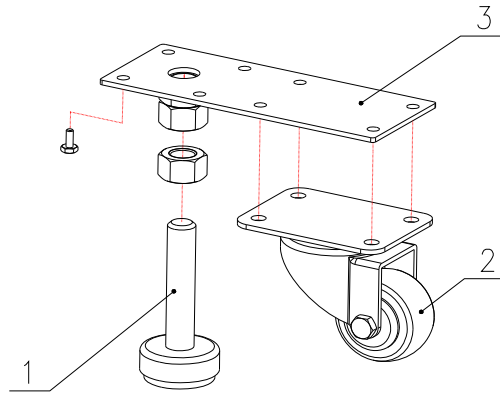
No.	Part No.	Code No.	Name	Qty.
1	P127-601-000	20211407024	POM rotor shaft	4
2	P127-602-000	20211407023	POM rotor	2
3	P127-603-000	20241507069	Tinny tube	2
4	P127-608-000	20241507068	Ball detected frame	2
5	P127-606-000	20241507027	Release box	2
6	P127-656-000	20241507034A	Release ball plate	2
7	P127-605-000	20641507028	Catch ball guide sleeve	2
8	P127-402-000	22604000007	Micro SW	2
9	P127-607-000	20241507031	Ball sloping panel	2
10	P127-706-000	20541507B006	Slide background graphic	2
11	P127-199-000	20241507030	Hose fixed plate	2
12	P127-198-000	20241507029	Seat fixed plate	2
13	P127-604-000	20241507074	House nozzle	2
14	P127-194-000	20241507033	L ball holder	1
	P127-195-000	20241507032	R ball holder	1
	P127-196-000	20641507020	L ball holder pad	1
	P127-197-000	20641507019	R ball holder pad	1
15	P127-187-000	20611407015	Nylon worm	2
	P127-405-000	20106000320	Flange BR.	8
	P127-404-000	20113100058	Ripple washer	4
16	P127-407-000	23404000116	DC motor	2
	P127-201-000	20211407043	Motor mounted plate	2
17	P127-406-000	26504000111	Square tooth belt	2
18	P127-188-000	20211407039	Big synchronizing wheel	2
	P127-189-000	20211407040	Small synchronizing wheel	2
19	P127-193-000	20241507028	Ball box	2
20	P127-185-000	20211407045	Ball spiral bracket	2
21	P127-191-000	20241507075	Hose sleeve	4
22	P127-192-000	20641507035	Hose	2

9.8 Coin Door Assembly



No	Part No.	Code No.	Name	Qty.
1	P127-110-000	20241507097	DBV door	2
2	P127-413-000	25300171001	Lock	2
3	P127-112-000	20241507099	Protective cover	2
4	P127-109-000	20241507096	DBV door frame	2
5	P127-415-000	25300172001	Lock	3
6	P127-114-000	26000018003	Hinge	2
	P127-113-000	20241507100	Ticket door	2
7	P127-526-000	20341507032	Coin box	2
8	P127-108-000	20241507009	Coin nozzle	2
9	P127-655-000	26000002000	Meter mounted plate	1
10	P127-617-000	26000007000	Ticket bin	2

9.9Caster Assembly



No.	Part No.	Code No.	Name	Qty.
1	P127-619-000	26000008000	Leveller	6
2	P127-417-000	25501000056	Caster	7
3	P127-618-000	26000010000	Caster bracket	4

9.10Stool Assembly



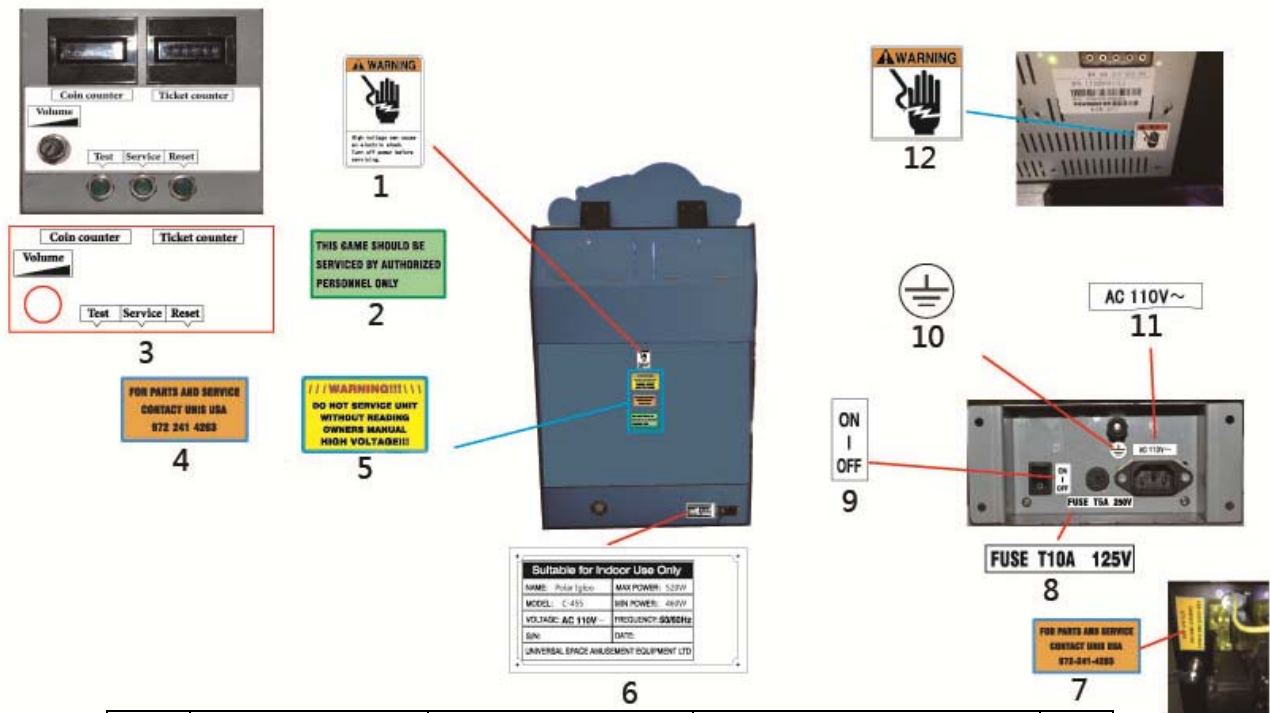
No.	Part No.	Code No.	Name	Qty
1	P127-149-000	20641507037	Stool pad	2
2	P127-148-000	20241507094	Stool leg	2
3	P127-137-000	20241507093	Stool connected plate	1
4	P127-138-000	20241507084	Stool base	1
5	P127-403-000	25900022001	White leveller	10

9.11Graphic Part 1



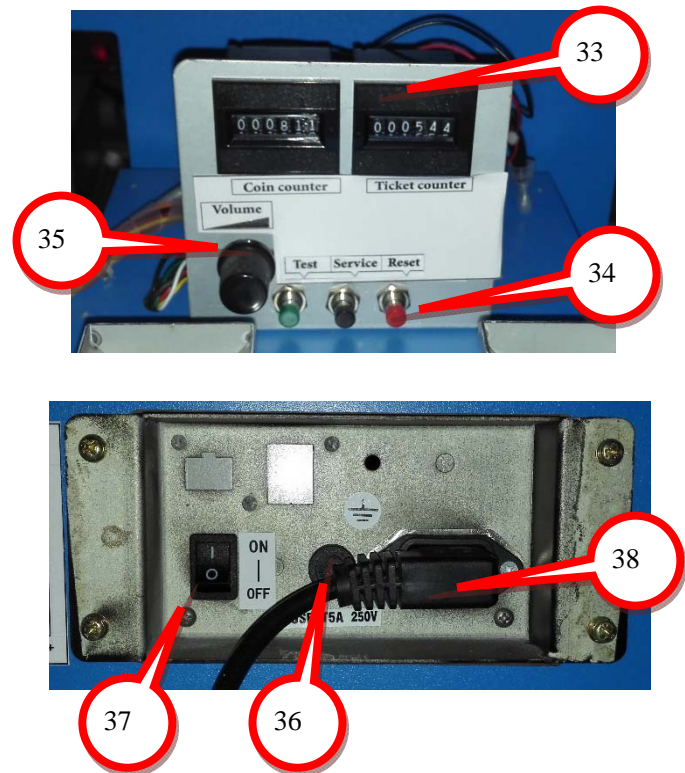
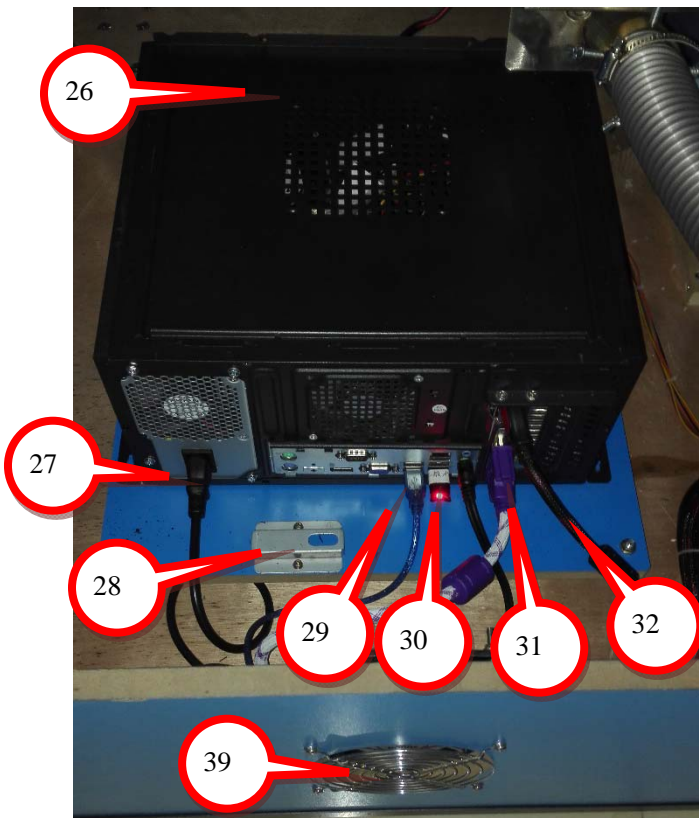
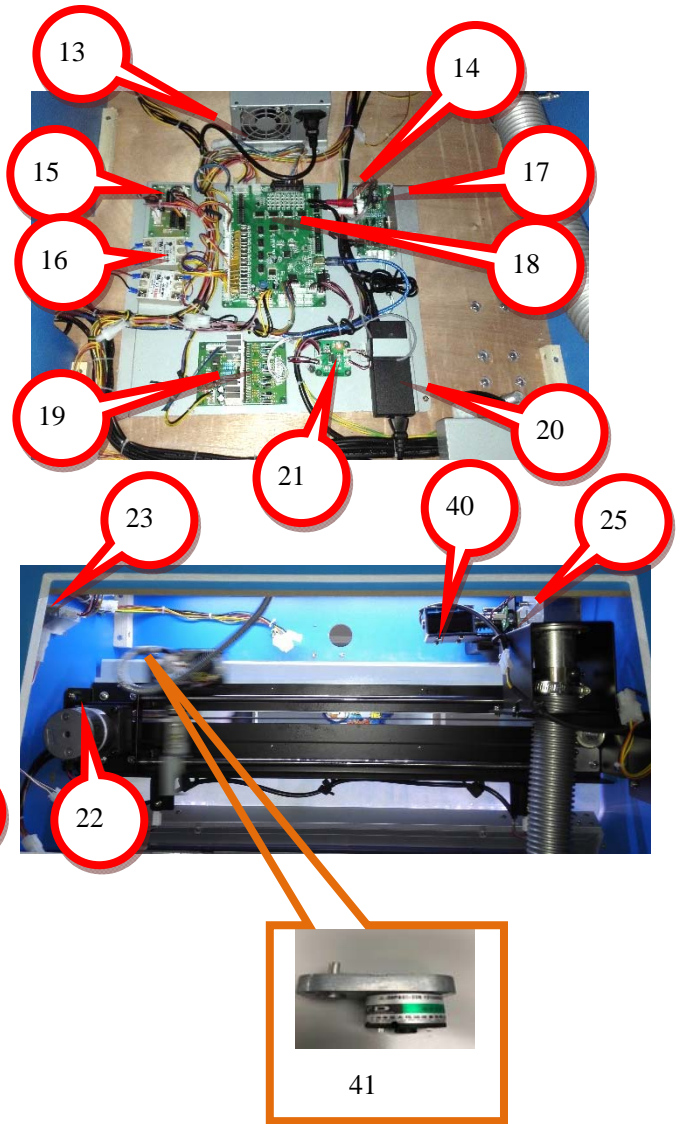
No.	Part No.	Code No.	Name	Qty.
1	P127-701-000	20541507B001	Window graphic	1
2	P127-704-000	20541507B004	L character plastic	1
3	P127-703-000	20541507B003	R character plastic	1
4	P127-706-000	20541507B006	Slide background graphic	2
5	P127-705-000	20541507B005	Release ball graphic	2
6	P127-710-000	20541507B010	Control panel upper graphic	1
7	P127-709-000	20541507B009	Control panel graphic	1
8	P127-718-000	25600000034	Ticket label	2
9	P127-702-000	20541507B002	Octagon plastic graphic	2
10	P127-711-000	20541507B011	Side metal graphic	1
11	P127-714-000	20541507B014	Shield graphic	2
12	P127-713-000	20541507B013	R side graphic	1
13	P127-712-000	20541507B012	L side graphic	1
14	P127-708-000	20541507B008	Marquee plastic	1
15	P127-707-000	20541507B007	Display plastic	1

9.12Graphic Part 2



No.	Part No.	Code No.	Name	Qty.
1	P127-720-000	25600000037	Warning sticker L	1
2	P127-721-000	25600000042	Service info label	1
3	P127-730-000	25600000101	Counter sticker	1
4	P127-727-000	25600000095	Service info label L	1
5	P127-722-000	25600000067	New warning sticker	1
6	P127-715-000	20541507B015	Uncertified 110V nameplate	1
7	P127-728-000	25600000096	Service info label S	1
8	P127-725-000	25600000074	Fuse label	1
9	P127-717-000	25600000017	Switch label	1
10	P127-726-000	25600000091	GND label	1
11	P127-723-000	25600000071	AC 110V label	1
12	P127-719-000	25600000036	Warning sticker S	1

9.13 Electrical Part



No.	Part No.	Code No.	Name	SPEC./Material	Qty
1	P127-461-000	22002017008	B chain light	blue	1
2	P127-445-000	22002013003	LED soft light belt	white	7.2
3	P127-471-000	22003080001	Marquee light	DC12V	
4	P127-456-000	29741112002	Display	PGLY-LED23B4.PCB	1
5	P127-479-000	29741507014	Sensor board-send	BJBWIR-SEND-S(V1.1)	2
	P127-476-000	29741507011	Sensor board-rec	BJBWIR-REC-S(V1.1)	2
6	P127-457-000	21201047002	LED monitor	47" LED	2
7	P127-465-000	22002015008	Flexible light belt	R×5050W	2
8	P127-444-000	22002013004	Blue light belt	DC12V 3528LED	1.4
9	P127-443-000	22002016001	Colorful strip light	DC5V RGB IC1606S	3.5
10	P127-459-000	21712000001	Ticket converted board	TICK-CH.PCB	2
	P127-460-000	23100000005	Ticket dispenser	CL-022Q-270	2
	P127-470-000	22008010001	Indicator	XD8DC12VR	2
11	P127-469-000	22801000005	Speaker	4"4Ω15W	2
12	P127-467-000	22301000001	Coin mech	Comparator	2
13	P127-449-000	21602000001	Power supply	BTX-3039(110V220V)	1
14	P127-491-000	23305000003	Audio cable	3.5 head 1.8M	1
15	P127-455-000	29711006006	PCB board	XHZJ-BFBZ.PCB(V1.0)	1
16	P127-472-000	22140000003	Solid state relay	SSR-40DD	2
17	P127-448-000	22803000031	2.0 amplifier	GOODCORE-25WD	1
18	P127-433-000	29791300001	M3 board	M3-MB.PCB	1
19	P127-452-000	29741315004	Motor drive board	L6203-4DRV.PCB(V1.2)	1
20	P127-458-000	21603020001	Adapter	DC14/15-3AGF	1
21	P127-464-000	29741507001	PCB	TTL-232 CONVERT.PCB	1
22	P127-423-000	23404000115	DC motor	55ZY12-25-02	2
23	P127-466-000	20711413005	Motor break	JSH0265A	2
24	P127-478-000	29741507013	Sensor board -send	BJBWIR-SEND-L01(V1.1)	2
	P127-475-000	29741507010	Sensor board-rec	BJBWIR-REC-L01(V1.1)	2
	P127-477-000	29741507012	Sensor board-send	BJBWIR-SEND-L(V1.1)	2
	P127-474-000	29741507009	Sensor board-rec	BJBWIR-REC-L(V1.1)	2
25	P127-453-000	29710714001	Sensor board	HW2558.PCB	2
26	P127-429-000	21102000048	PC	Lenovo Mid config. 6300+2G	1
	P127-430-000	21107030038	Video card	250	1
	P127-463-000	21107090005	Memory chip	DDR3 4G	1
27	P127-434-000	23301050002	Power cord	3×0.75mm 0.5m	4
28	P127-441-000	21107020036	Dongle	HASP HL PRO	1
29	P127-432-000	23304000100	USB extension cable	A type 0.5M	1
	P127-468-000	23304000021	USB data cable	A/B 1.5m	1

No.	Part No.	Code No.	Name	SPEC./Material	Qty.
30	P127-485-000	41300000005	Memory stick	8G	1
31	P127-446-000	23307020001	Video cable	DVI-DVI(3m)	1
32	P127-462-000	23307010001	Video cable 2	DVI-HDMI(3.0M)	1
33	P127-492-000	23000000006	Counter	C-012 12VDC 18CPS	2
34	P127-437-000	22402010002	Red button	PB:11C02R	1
	P127-438-000	22402030002	Green button	PB:11C02R	1
	P127-439-000	22402050001	Black button	PB:11C02R	1
35	P127-436-000	21709000002	POT board	VR.PCB	1
	P127-440-000	22501000033	POT	RB50K	1
	P127-442-000	22403000001	POT knob	Black	1
36	P127-488-000	21902000006	Fuse socket	R3-11 110V/250V/10A	1
	P127-431-000	21901000030	Fuse	Φ5×20mm T10A 125VAC	2
37	P127-490-000	22601000005	Rocket SW	T125/55	1
38	P127-435-000	23301010020	Power cord	3×16AWG 1.8M 90°	1
	P127-487-000	23201000001	Filter	YB10A1 10A/250V	1
	P127-489-000	21412000001	Binding post	10A/15A/250V black	1
39	P127-450-000	22702000010	Fan grill	4"	2
	P127-451-000	22702000020	Fan	4" 110V	1
40	P127-409-000	23501000009	Electromagnet	TAU-1564/DC24V	2
41	P127-493-000	23404000117	Motor	JL-38F520-142-12V24RPM	1

10. Wiring Diagram

