

FROST ISLAND



Be Sure
to Read this
Manual
Before Use

Operation Manual



www.universal-space.com

CONTENT

IMPORTANT SAFETY INSTRUCTIONS.....	2
1. SPECIFICATIONS	4
2. PACKAGE CONTENTS.....	5
3. PART NAME.....	6
4. SET UP & INSTALLATION.....	7
5. HOW TO PLAY	10
6. GAME OPTION	12
7. ERROR MESSAGE AND RECOVERY	13
8. MAINTENANCE & INSPECTION	16
9. OVERALL CONSTRUCTION	21
10. DECALS	28

Non-technical personnel who do not have technical knowledge and Expertise should refrain from performing such work that this manual require or perform tasks which are not explained in this manual. Failing to comply can cause severe accidents such as electric shock or other serious injuries. All repairs must be performed to original manufacturer specifications.

WARNING: To reduce the risk of fire, electric shock or personal injury, unplug or disconnect the machine from the power supply before servicing.

Thank you for purchasing **Frost Island**. 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: 350W

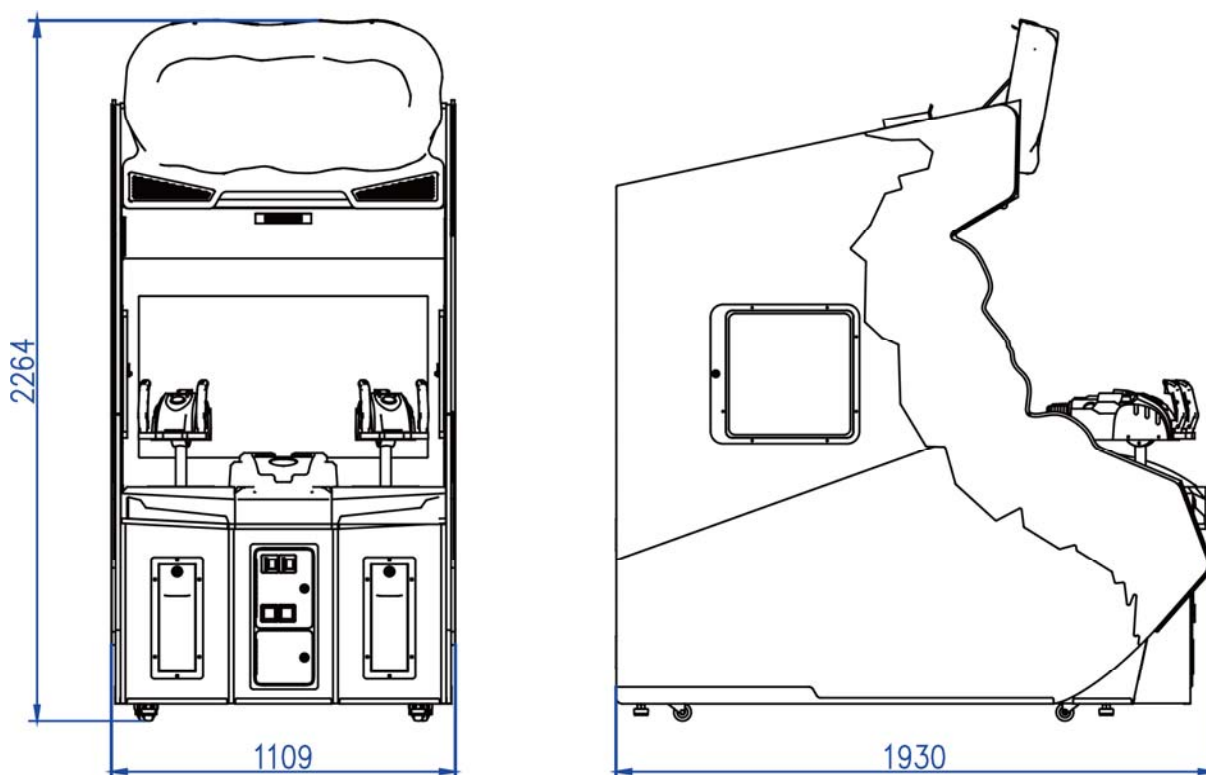
Max. Power consumption: 1100W

Dimensions: W1109×D1930×H2264 (mm)

Weight: Approximately 300kg



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

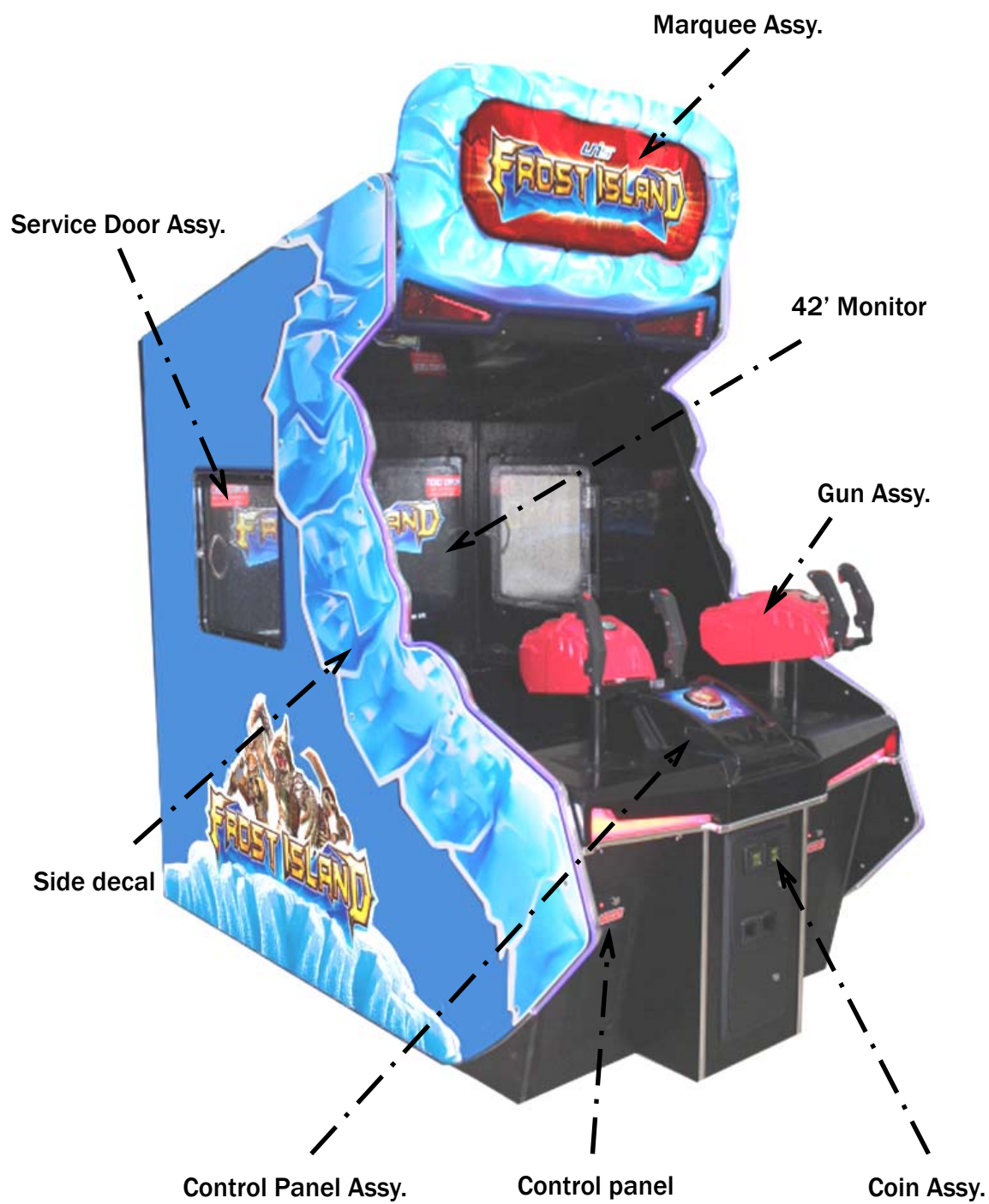
Open the package and make sure all the items are included:

1. 1 x Body Assembly
2. Following accessories

No.	Part No.	Code	Name	Spec.	Qty	Picture
1	F132-482-000	23301000039	Power cord	15A/250V 1.8M	1	
1	F132-491-000	21901000014	Fuse	Φ6×30mm T10A 250VAC (220V)	1	
2	F132-483-000	21901000011		Φ6×30 T15A 250VAC (110V)		
3	F132-701-000	41441218002	Manual	ENGLISH	1	
4	F132-484-000	25300171002	Key	171A	3	
5	F132-485-000	25302222002		2222	2	
6	F132-486-000	41300000004	Memory stick	4G	1	

NOTE: Part models are subject to change without notice.

3. PART NAME



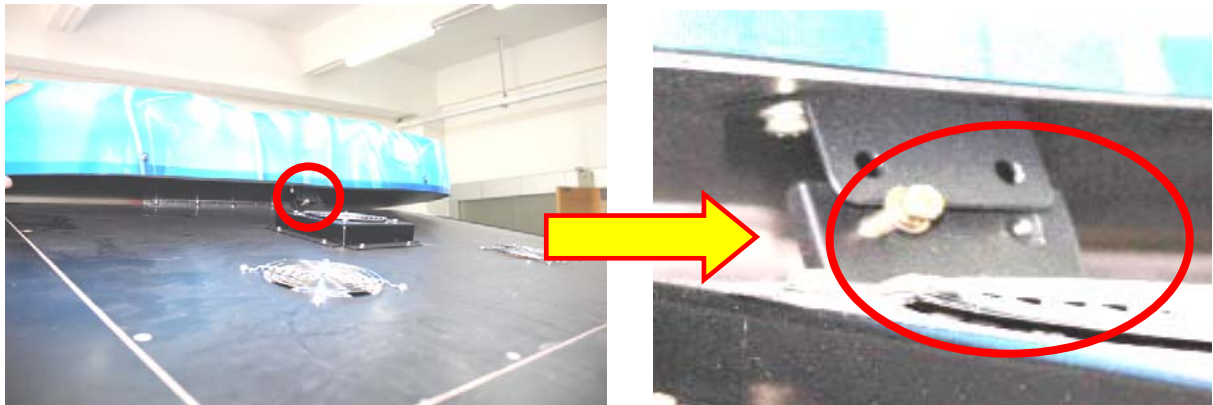
4. SET UP & INSTALLATION

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

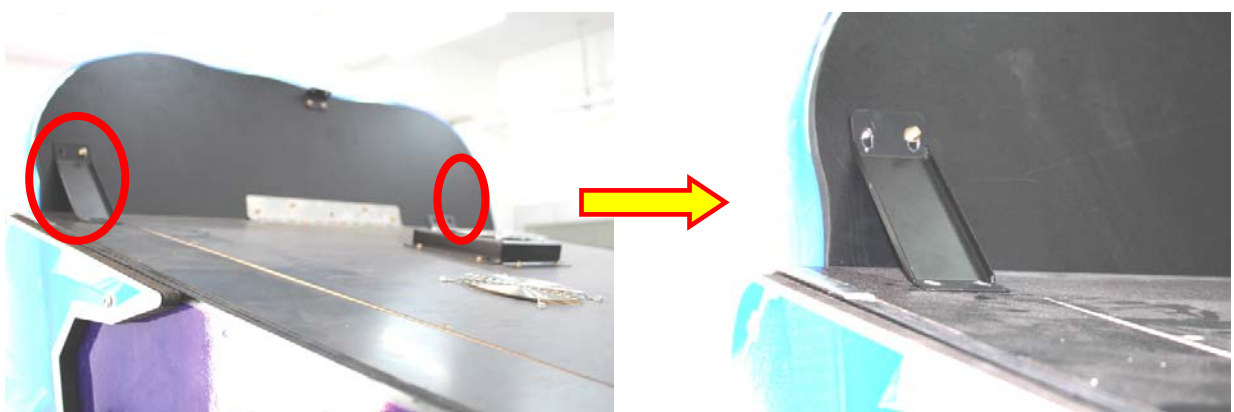
- Refer to IMPORTANT SAFETY INSTRUCTIONS (Pg. 2) for places to avoid
- Place the unit on a dry level surface
- Ventilation openings in the back of the unit must not be obstructed by objects or by wall.

4.1 How to Install the Marquee

Step 1 After unpack the game, remove screws on top in order to stand up the marquee.



Step 2 Fix the marquee to the machine with two provided metal plate.



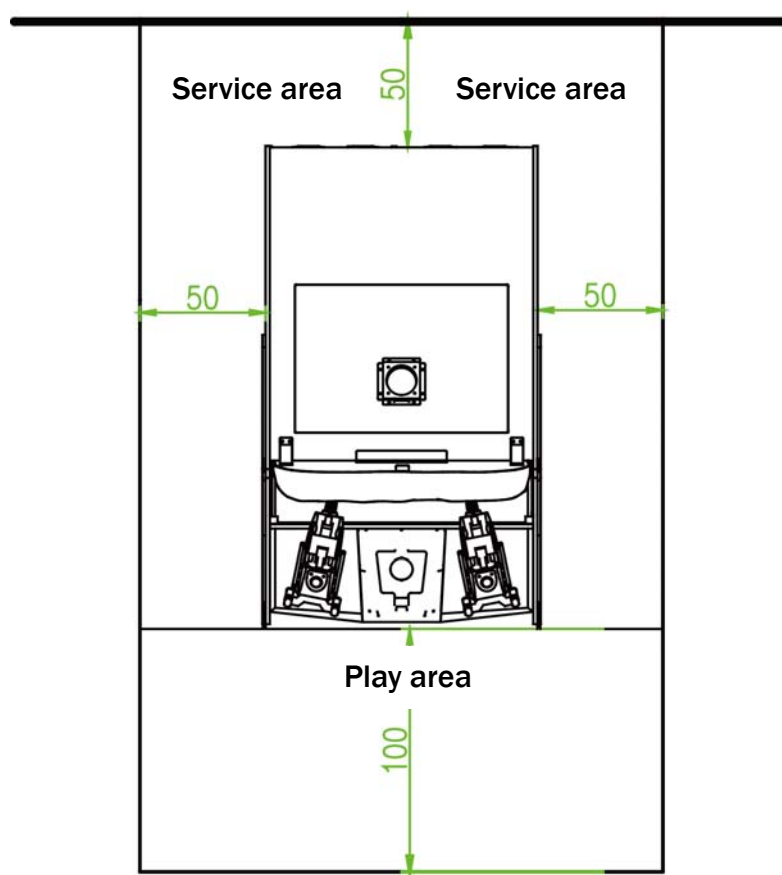
4.2 Play Zone

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

Leave space around the game upon installation:

Service area: 500mm

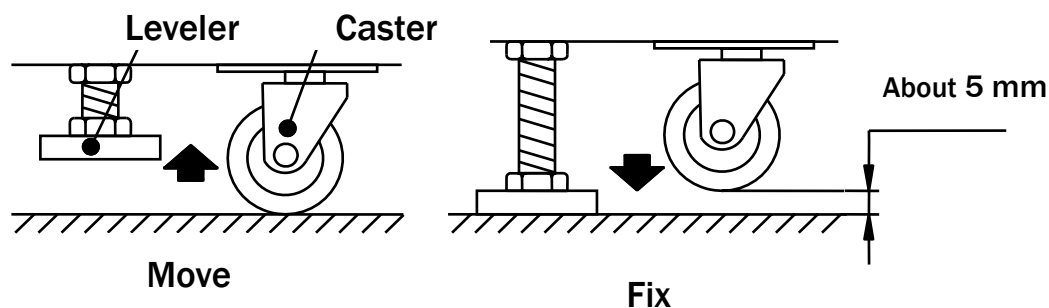
Play area: 500mm



4.3 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.

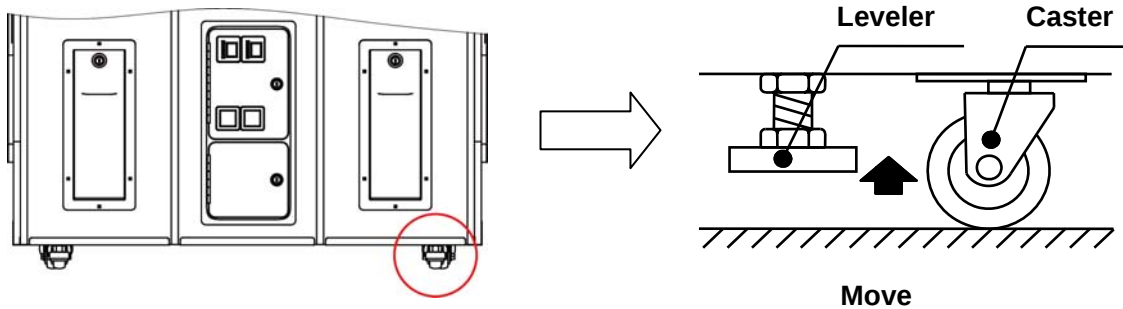


NOTICE

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

4.4 Transporting the Game

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



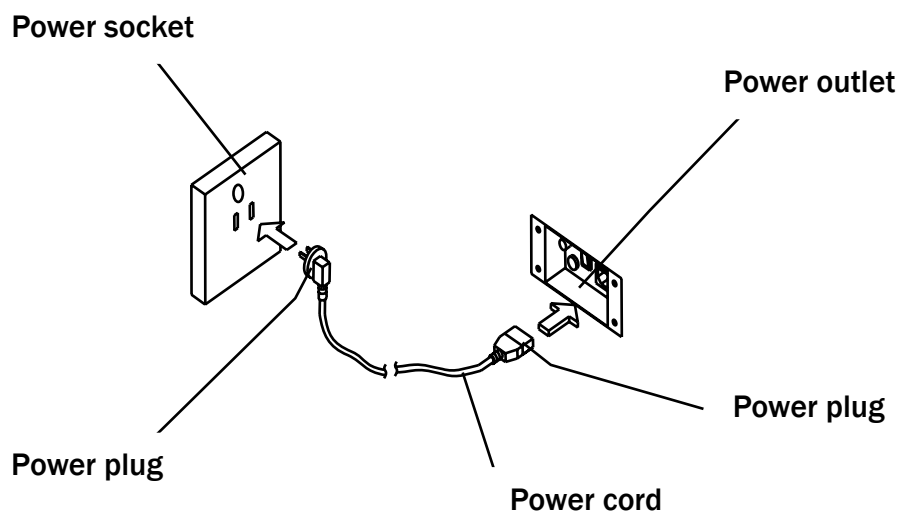
! NOTICE

- 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.

4.5 Connecting Power

! WARNING: Check the voltage rating before you connect the equipment to an electrical outlet to ensure that the required voltage and frequency match the available power source. Please refer the label of the machine.

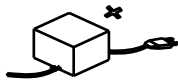
- Do not plug the equipment power cables into an electrical outlet if the power cable is damaged.
- Avoid putting many loads on one electrical outlet as it could generate heat and fire resulting from overload.
- Connect the grounding conductor to the earth terminal (GND):



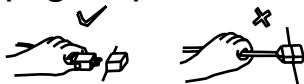


WARNING

Ensure no heavy objects rest on the power cord. Check to make sure the game cabinet does not sit on the power cord as this could damage the cord and become hazardous.



To disconnect the game, grip the plug and pull it from the wall outlet. Never pull by the cord.



To prevent electric shock, do not touch the power plug when hand is wet.



Ensure that nothing rests on the power cord and that it is not located where it can be stepped on or tripped over.



5. HOW TO PLAY

1 Insert coin(s). Shooting water to select the map. There are 4 stages: Waterfall, Basin, Cave and Canyon.



- 2 Aim at targets and shoot off them in order to pass the stage.



- 3 During the game play, some part needs player to press button to fill up the bar in the limited time in order to escape from the monsters. Or press the button to stop the moving triangle at the specified point to escape successfully.

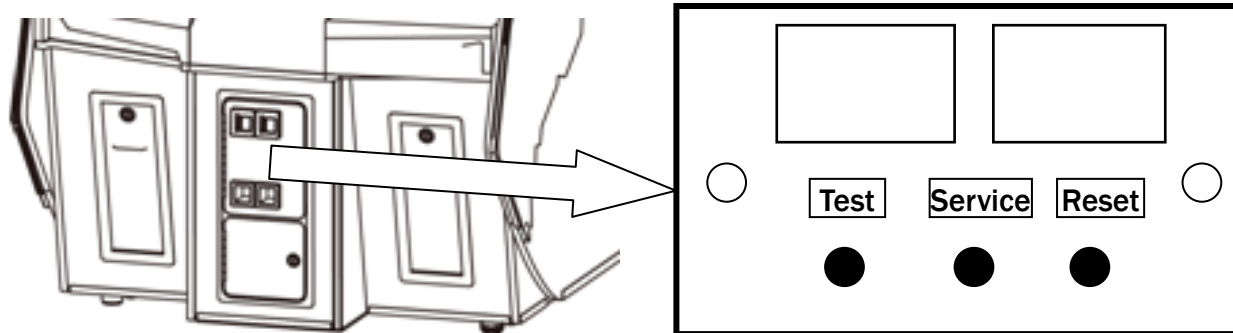


- 4 Stage clear can win score. And have an option to open a treasure box to get more tickets.



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

Game Mode
Input Test
Output Test
Game Reset
Language 语言
Date/Time Setting
Bookkeeping
Daily Record
GameRecord
Alignment
Exit & Without Save
Exit & Save

6.2.2 Game Mode

Free Play	OFF
Tickets Out	ON
Attract Mode	ON
Save Coins	ON
Volume	10
Coins Per Game	1
Ticket Payout	10
Game Difficulty	Normal
Color of blood	red
Show Award	OFF
Mercy Tickets	2
Tickets Of One Star	5
Tickets Of Two Stars	10
Tickets Of Three Stars	15
Tickets Of Four Stars	20
Tickets Of Five Stars	30
Ticket Mode	Store Tickets in Memory

Note:

No.	Item	Options	Explanation
1	Free Play	ON/OFF	
2	Tickets Out	ON/OFF	
3	Attract Mode	ON/OFF	
4	Save Tickets	ON/OFF	Whether save tickets when power is off.
5	Volume	0~10	0 is mute. 10 is max.
6	Coins per Game	1~10	Coins to play one game.
7	Ticket Payout	1~15	Average ticket payout for one game
8	Game Difficult	Easy/Normal/Hard	
9	Color of UI	Normal/Special	Normal is red blood, Special is brown blood.
10	Show Award	ON/OFF	Whether have treasure box selected after one stage is passed.
11	Mercy Ticket	0~10	
12	Tickets Of One Star	1~100	Get one star after one stage is passed can win specified tickets.
13	Tickets Of Two Stars	1~100	Get two stars after one stage is passed can win specified tickets.
14	Tickets Of Three Stars	1~100	Get three stars after one stage is passed can win specified tickets.
15	Tickets Of Four Stars	1~100	Get four stars after one stage is passed can win specified tickets.
16	Tickets Of Five Stars	1~100	Get five stars after one stage is passed can win specified tickets.
17	Ticket Mode	Store tickets in memory/ call attendant	Whether continue to play the game when ticket is owed.

6.2.3 Input Test

Water High Level	OFF
Water Low Level	OFF
Back high door	OFF
Back low door	OFF
Player1 Pos X	0
Player1 Pos Y	0
Player2 Pos X	0
Player2 Pos Y	0
Service Coin	OFF
Reset	OFF
Coin 0	OFF
Coin 1	OFF
Key Left	OFF
Key Right	OFF
Key Middle	OFF

Note:

Key Left: P1 start button

Key Right: P2 start button

Key Middle: Middle button

6.2.4 Output Test

Left light
 Right light
 Control Light
 Trumpet Light
 Player 1 Lamp
 Player 2 Lamp
 Middle Light
 Player 1 Gun
 Player 2 Gun
 Player 1 Shake
 Player 2 Shake

6.2.5 Game Reset

Reset Game Setting
 Delete All Record
 Clear Ticket



Note:

Reset Game setting: Reset all settings to default.
 Delete All Record: Clear all bookkeeping data
 Clear Ticket: Clear owed tickets.

6.2.6 Language

English
 简体中文(Chinese)

6.2.7 Date/Time Setting

Year 2013
 Month 8
 Day 13
 Hour(24) 8
 Minute 26
 Second 1

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?

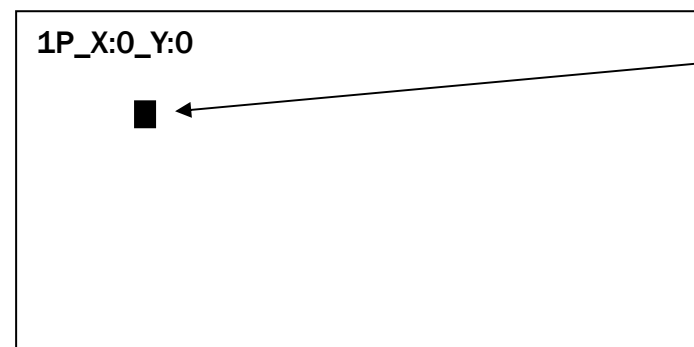
No

Yes

Reset

Back

6.2.10 Alignment



Control the activated water gun to shoot water at the highlighted spot on by one. Press button confirm each time. There are going to be 9 spots in total.

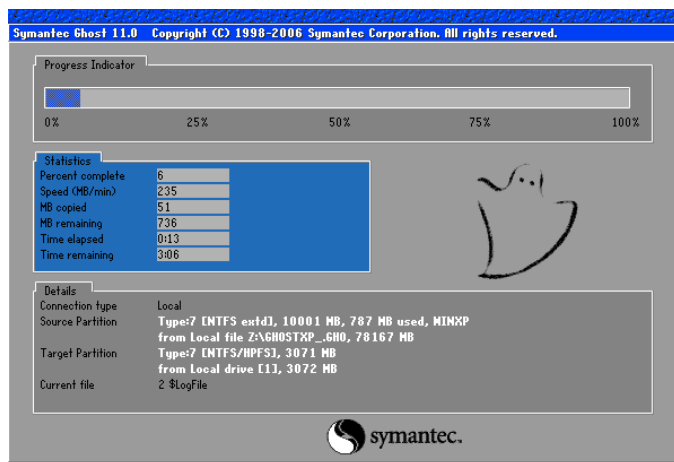
7. ERROR MESSAGE AND RECOVERY

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



WARNING

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

8.3 How to Add Water



Highest water level fill line

Clean the water tank every month

Change the water every month

Lowest water level

- 1 When adding water, please turn off the drain valve and lock tightly water pump drain screw, Release drain button.
- 2 Make sure no crack on water tank and no loose on water pipe connectors. Keep the water tank in the correct position. The waterproof cloth should in the funnel.
- 3 When first time to fill water into the water tank, we can fill up 70L water slowly from the front. This is the max capacity for the water tank.
- 4 If "Low water" warning information is appear in the game, please fill up 50L.

Notice:

1. Clean the water tank every month.
2. Clean the foam every month; change the foam every 3 months.
3. Change distilled water every month. Please refer to 8.6

8.4 Initialize water pump and Attention

First use the machine, Please inject water for water pump;;

(1) Use the tool turned on injection screw

(2) Injection from the hole until it filled;

(3) After filled, tighten the screw, Ensure no leakage;

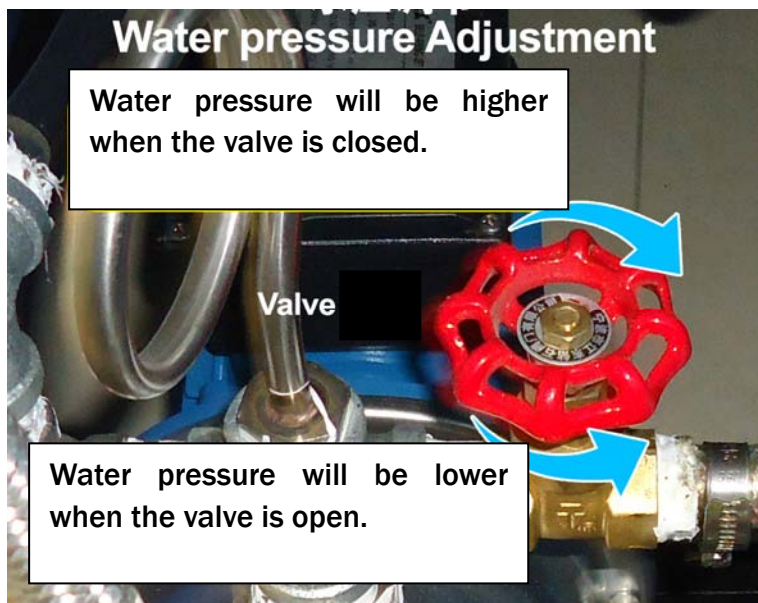
Note: This step is only performed before first use. As shown in figure:



8.5 Water Pressure Adjustment

Adjust the water pressure by adjusting the valve:

Start the game, please adjust the water pressure to 0.25MPa



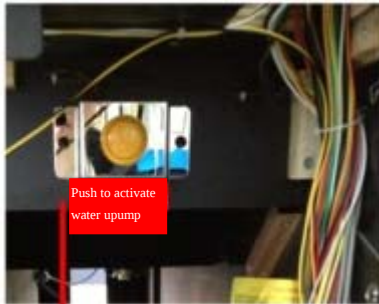
8.6 Change the water

(1) Water pipe put into the bucket and open the tap.



Clockwise closed
counterclockwise open

(3) Hold the drainage button on the right side panel. Then water pump start to drain water.

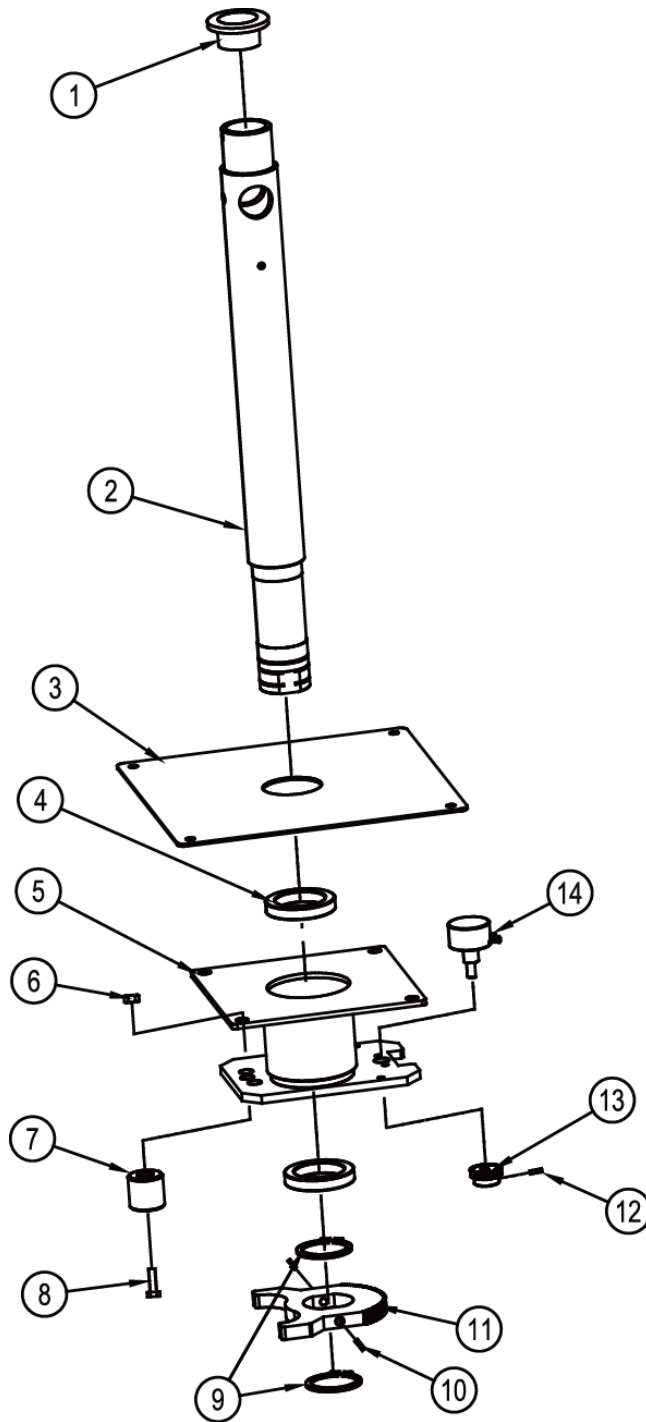


Push to activate
Water pump

After draining the water, close drain valve, replace hose and assure no leaks.

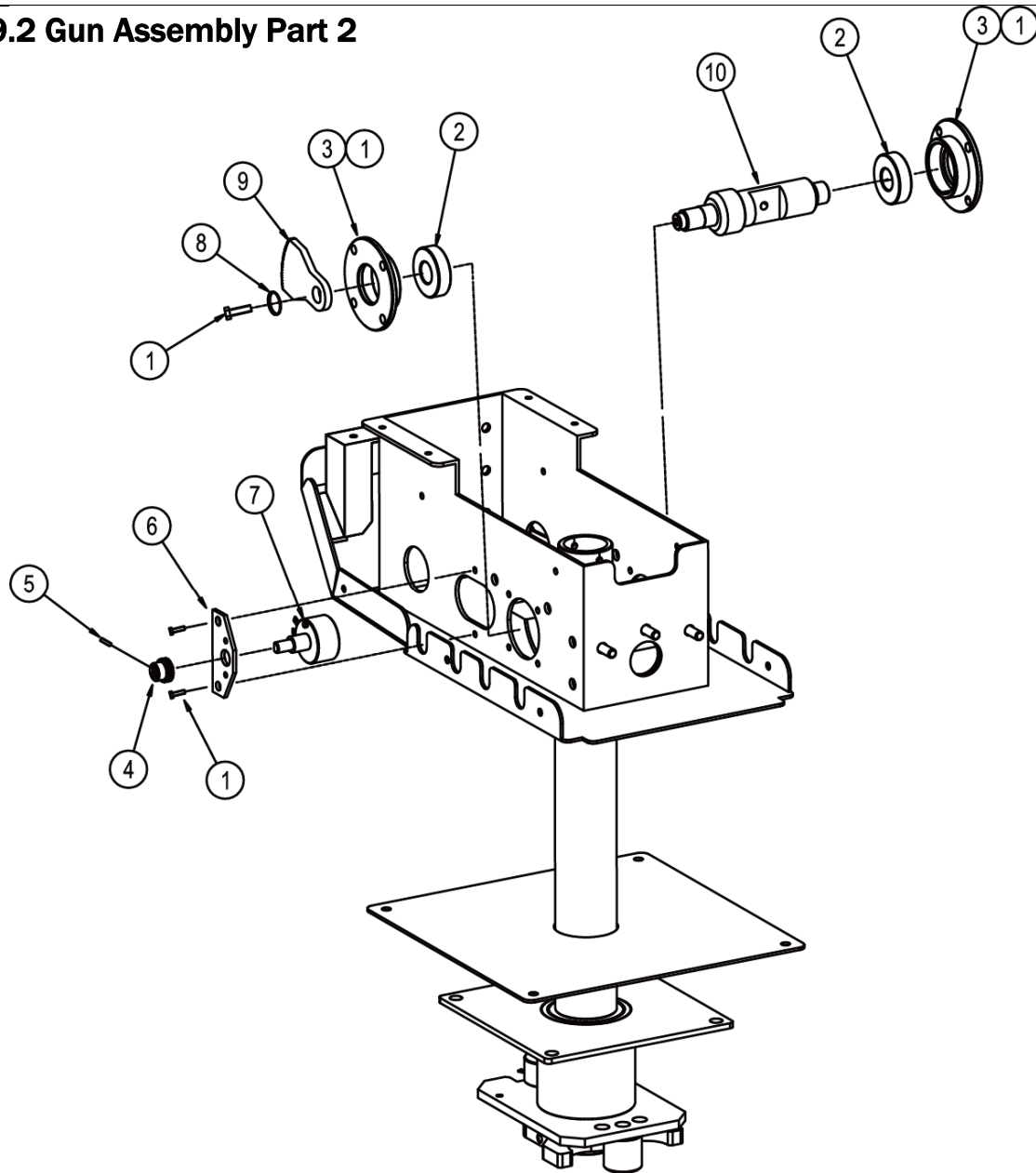
9. OVERALL CONSTRUCTION

9.1 Gun Assembly Part 1



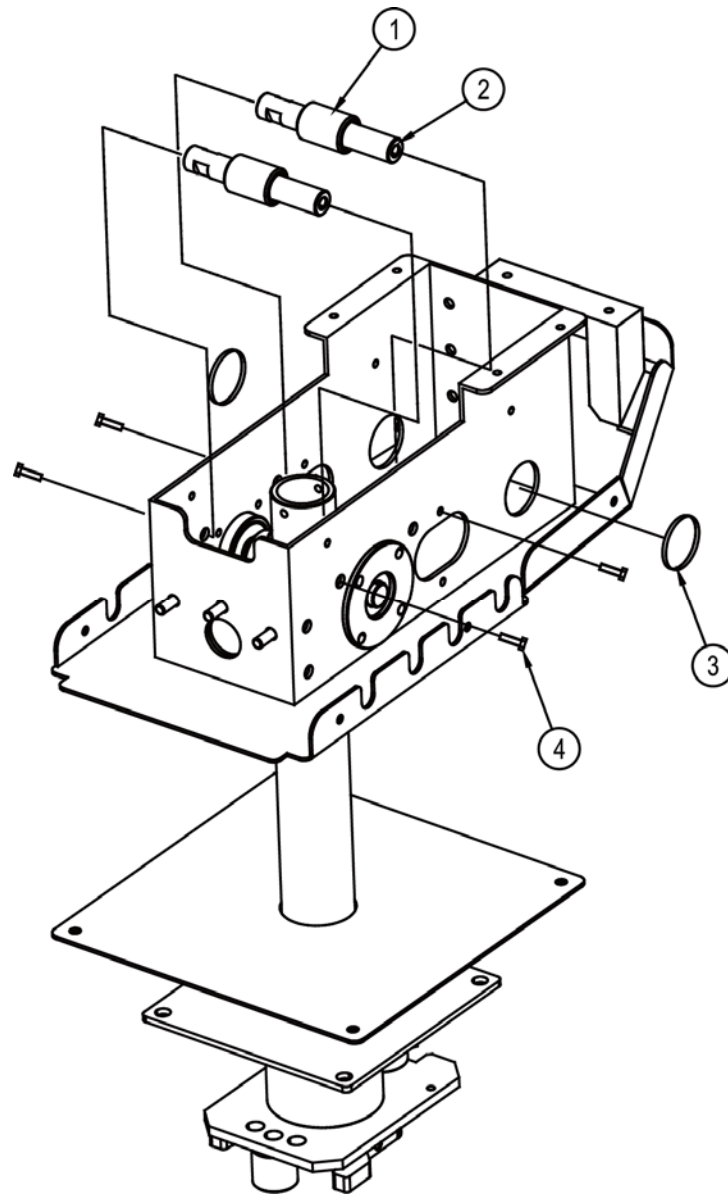
No	Part No.	Code No.	Name	SPEC.	Qty
1	F132-101-000	20641218008	Gun bushings		1
2	F132-102-000	20241218033	Gun rotating shaft	Black	1
3	F132-103-000	20241218030	Gun base plate	Ø1.5 black	1
4	F132-104-000	20106000196	Deep groove ball bearing	61806-2Z	2
5	F132-105-000	20241123011	Base seat	White Zinc	1
6	F132-106-000	20102020023	non-metal inserted hexagon lock nut	M8 Color Zinc	1
7	F132-107-000	20641218010	Damping sleeve 2	Transparency	1
8	F132-108-000	20101020174	Cross recessed pan head screw suite	M8×35 color Zinc	1
9	F132-109-000	20105000024	A type circlip for shaft	do30	2
10	F132-109-000	20101030085	Hexagon socket cap screws	M5×20 white Zinc	2
11	F132-110-000	20241218032	Gear 1	White zinc	2
12	F132-111-000	20101003003	Hexagon flat end set screws	M4×12	1
13	F132-112-000	20241123019	Gear 2	White Zinc	1
14	F132-401-000	22501000030	5K POT	RVQ24YN03 25F B502	1

9.2 Gun Assembly Part 2



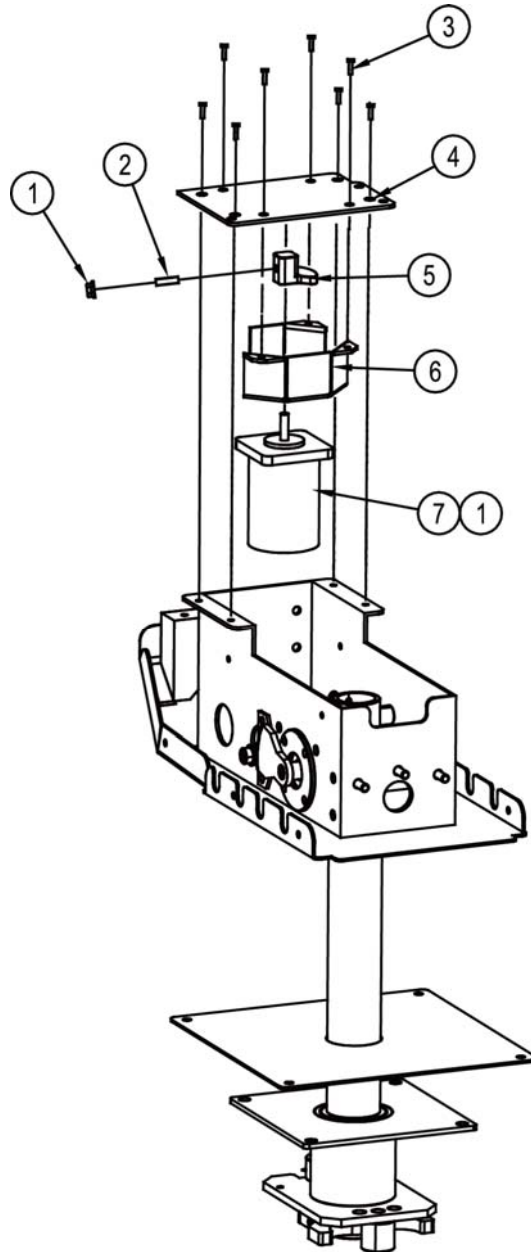
NO.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-114-000	20101010024	Cross recess pan head screw	M4×12 black	16
2	F132-115-000	20106000083	Deep groove ball bearing	6001ZZ	2
3	F132-116-000	20241123014	Bearing seat	White Zinc	2
4	F132-117-000	20241123021	Gear 4	White Zinc	1
5	F132-111-000	20101003003	Hexagon flat end set screws	M4×12	6
6	F132-118-000	20241123008	POT Plate	2.0(Black)	1
7	F132-401-000	22501000030	5k POT.	RVQ24YN03 25F B502	2
8	F132-113-000	20113000033	C class big flat washer	Φ4×Φ12×1h	1
9	F132-119-000	20241123020	Gear 3	White Zinc	1
10	F132-120-000	20241218031	Vertical rotating shaft	White Zinc	1

9.3 Gun Assembly Part 3



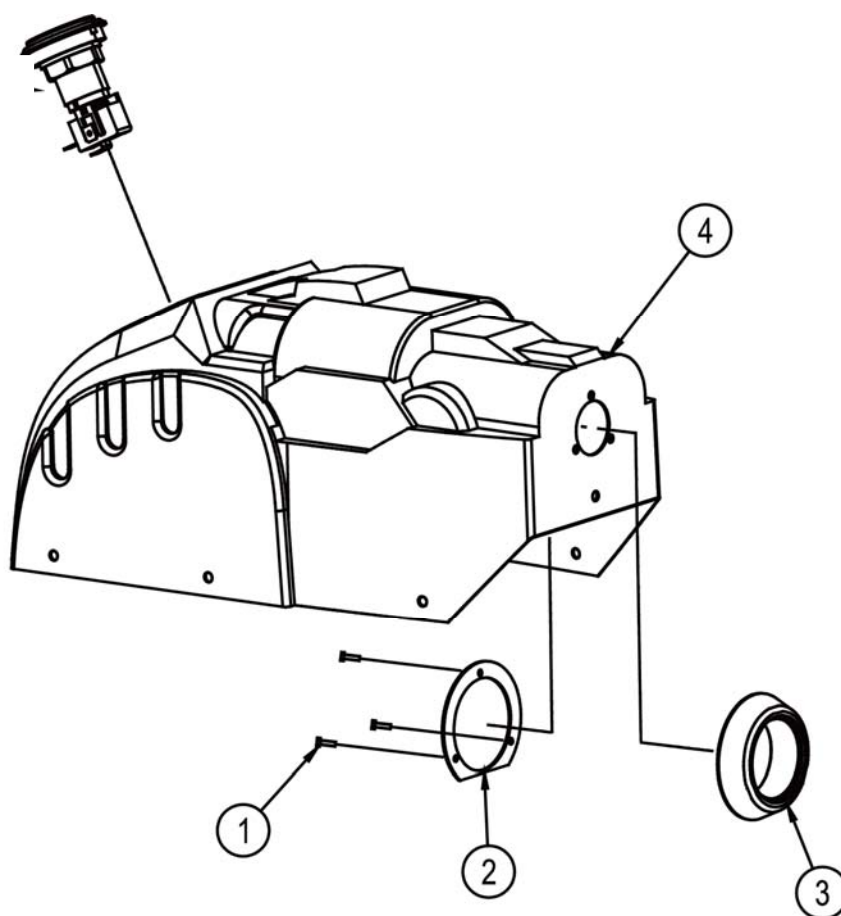
No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-121-000	20641218011	Damping sleeve 1	Transparency	2
2	F132-122-000	20241123015	limit shaft	White Zinc	2
3	F132-123-000	23313000007	Bushings	φ14	2
4	F132-124-000	20101010046	Cross recessed pan head screw suite	M6×12 black	4

9.4 Gun Assembly Part 4



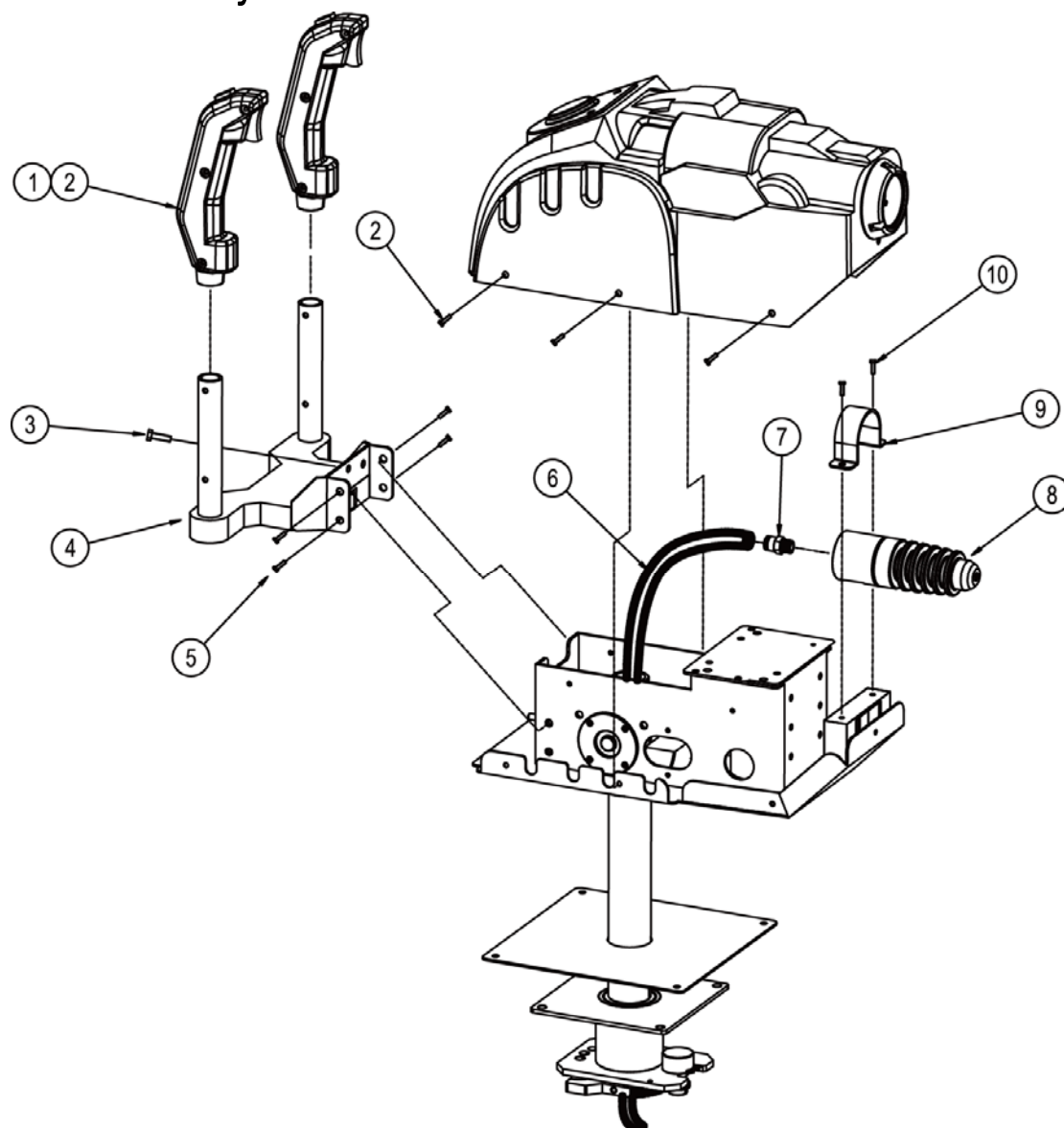
No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-125-000	20102000022	Non-metal inserted hexagon lock nut	M4	2
2	F132-111-000	20101003003	Hexagon flat end set screws	M4×12	6
3	F132-114-000	20101010024	Cross recess pan head screw	M4×12 black	16
4	F132-126-000	20241218035	Motor cover plate	ø2Black	1
5	F132-402-000	20241218034	Eccentric shaft	Black	1
6	F132-127-000	20241218036	Motor fixed plate	ø2Black	1
7	F132-403-000	23404000030	DC motor	45ZY12-15 DC12V 15W 3000RPM	1

9.4 Gun Assembly Part 4



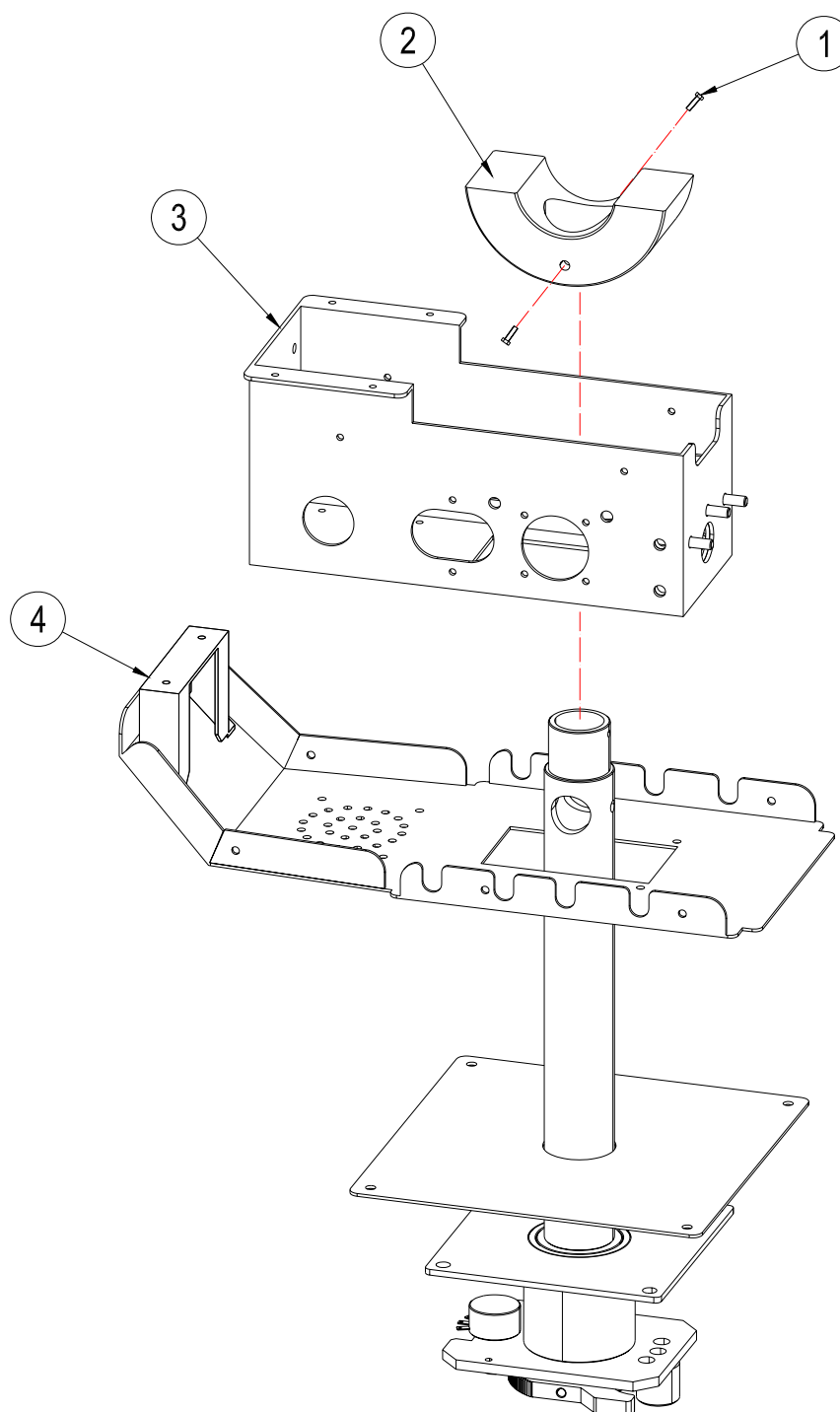
No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-128-000	20101100034	Cross recessed pan head screw suite	M4×10	5
2	F132-404-000	20241218028	Gun nozzle fixed ring	δ1.5	1
3	F132-405-000	20241218029	Gun nozzle waterproof ring	Anodizing	1
4	F132-601-000	20641218009	Gun shell	3.0(red)	1

9.5 Gun Assembly Part 5



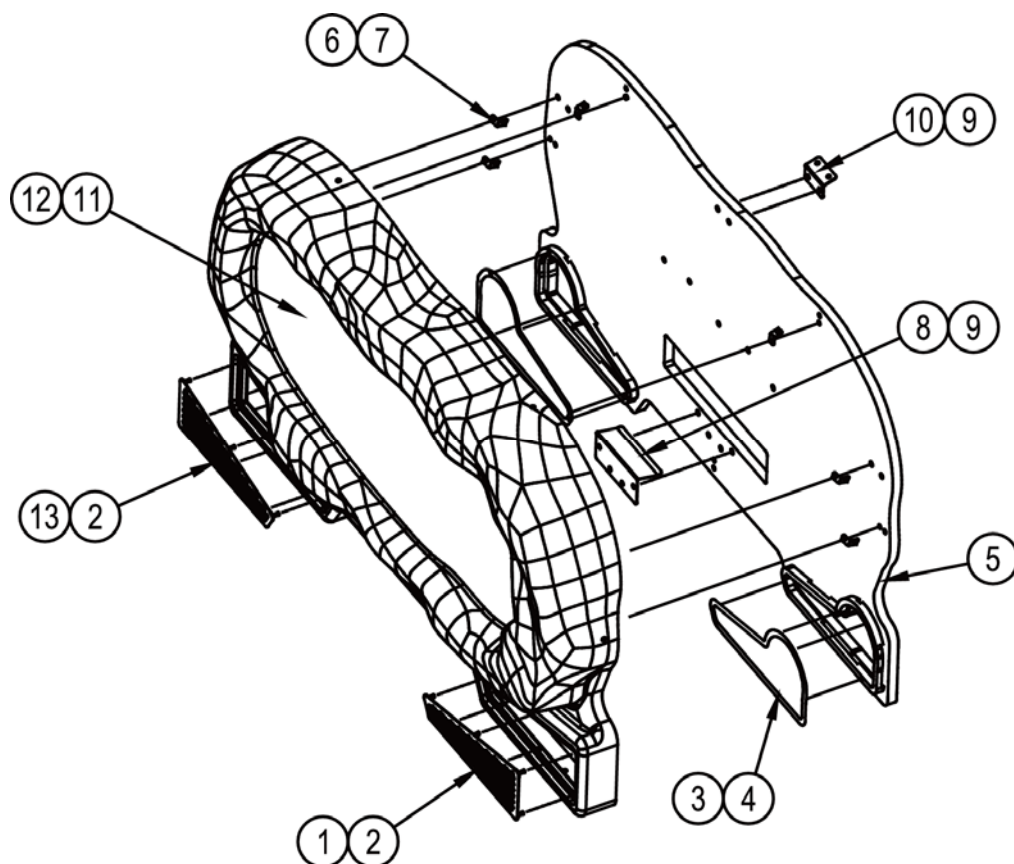
No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-406-000	20841123001	Gun handle		2
2	F132-129-000	20101100087	Hexagon socket cap screws	M4×10	18
3	F132-130-000	20102020030	Hexagon nut with flange	M5 Color Zinc	3
4	F132-131-000	20241218039	Gun handle seat	δ2Black	1
5	F132-132-000	20101100041	Cross recessed pan head screw suite	M5×12	4
6	F132-407-000	25106020193	6mm air hose		1.2
7	F132-408-000	25101110153	6mm air hose-1/8" connector		1
8	F132-409-000	20241218037	F132-409-000	Anodizing	1
9	F132-404-000	20241218028	Gun nozzle waterproof fixed ring	δ1.5	1
10	F132-128-000	20101100034	Cross recessed pan head screw suite	M4×10	5

9.6 Gun Assembly Part 6



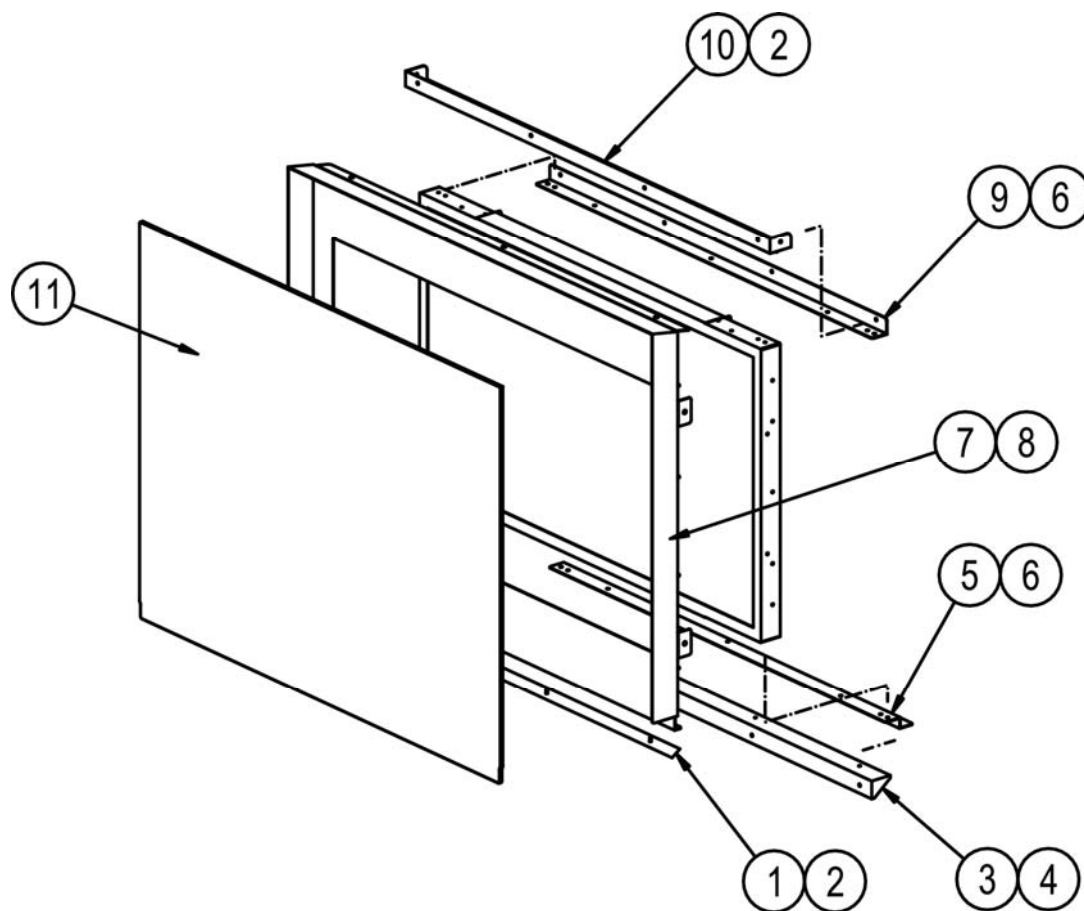
No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-190-000	20101010005	Hexagon flat round head screw	M4×12 black	2
2	F132-191-000	20641218007	Guide block	black	1
3	F132-192-000	20241218040	Gun bracket	δ2Black	1
4	F132-193-000	20241218038	Gun base	δ 1.5Black	1

9.7 Marquee Assembly



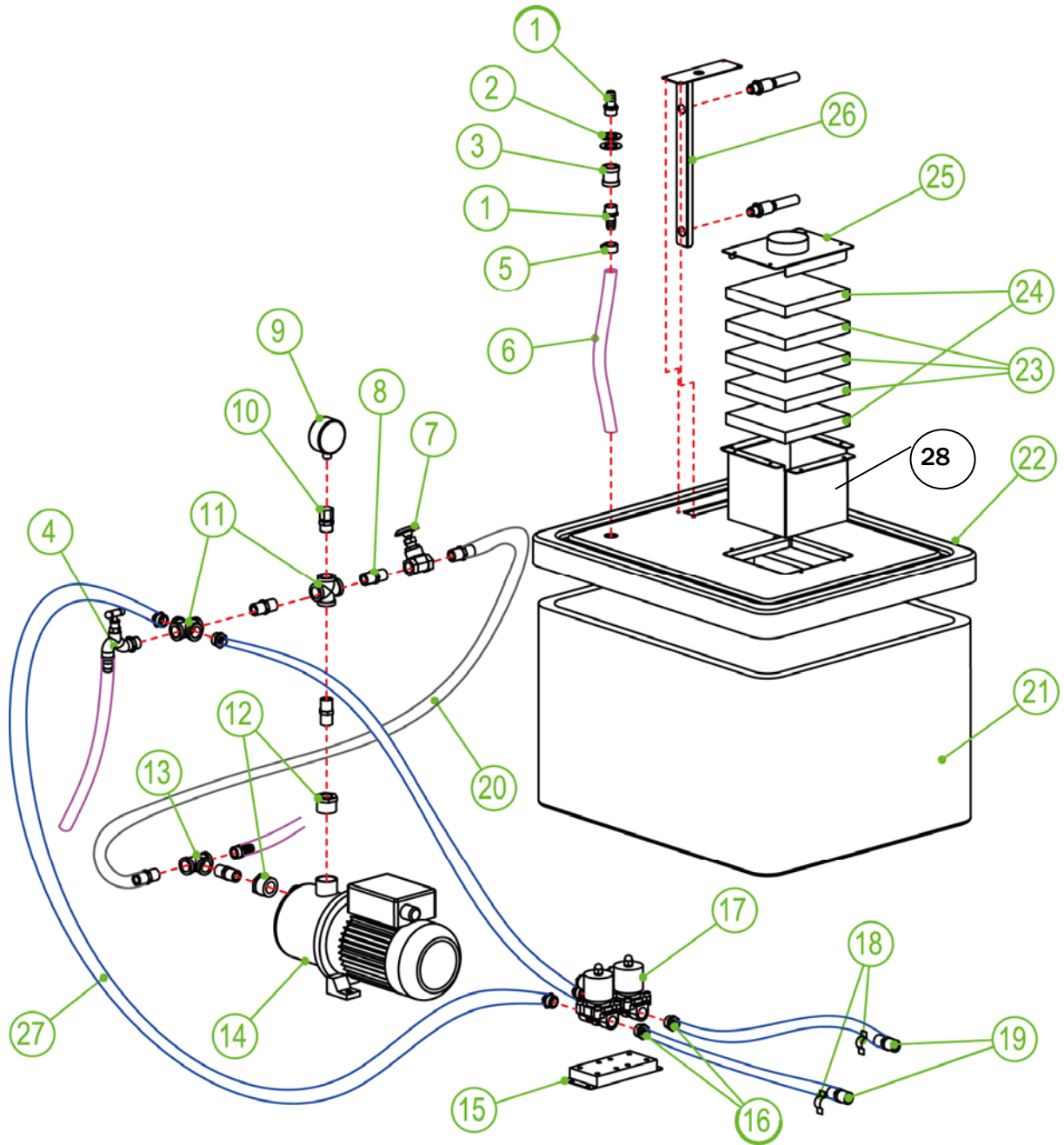
No	Part No.	Code No.	Name	SPEC.	Qty
1	F132-133-000	20241218046	Speaker grill R	ø1.2Black	1
2	F132-134-000	20102030011	'Hexagon nut with flange	M4 white Zinc	12
3	F132-602-000	20641218015	Marquee plastic	ø3 white	2
4	F132-135-000	20101000027	Cross recess pan head screw	M4×25	8
5	F132-501-000	20341218001	Marquee back plate	ø15	1
6	F132-136-000	20241218051	Marquee connected plate	ø2	7
7	F132-137-000	20101020035	Cross recessed pan head screw suite	M4×12 Color Zinc	14
8	F132-138-000	20241218049	Marquee fasten plate	ø1	1
9	F132-139-000	20101000041	Cross recessed pan head screw suite	M5×12	11
10	F132-140-000	20241218050	Marquee fixed plate 2	ø1.5Black	1
11	F132-603-000	20541218A001	Marquee vacuum foam	1250X800X5	1
12	F132-141-000	20101008001	Hexagon flat round head screw	M4×8	7
13	F132-142-000	20241218047	Speak grill L	ø1.2Black	1

9.8 Monitor Assembly



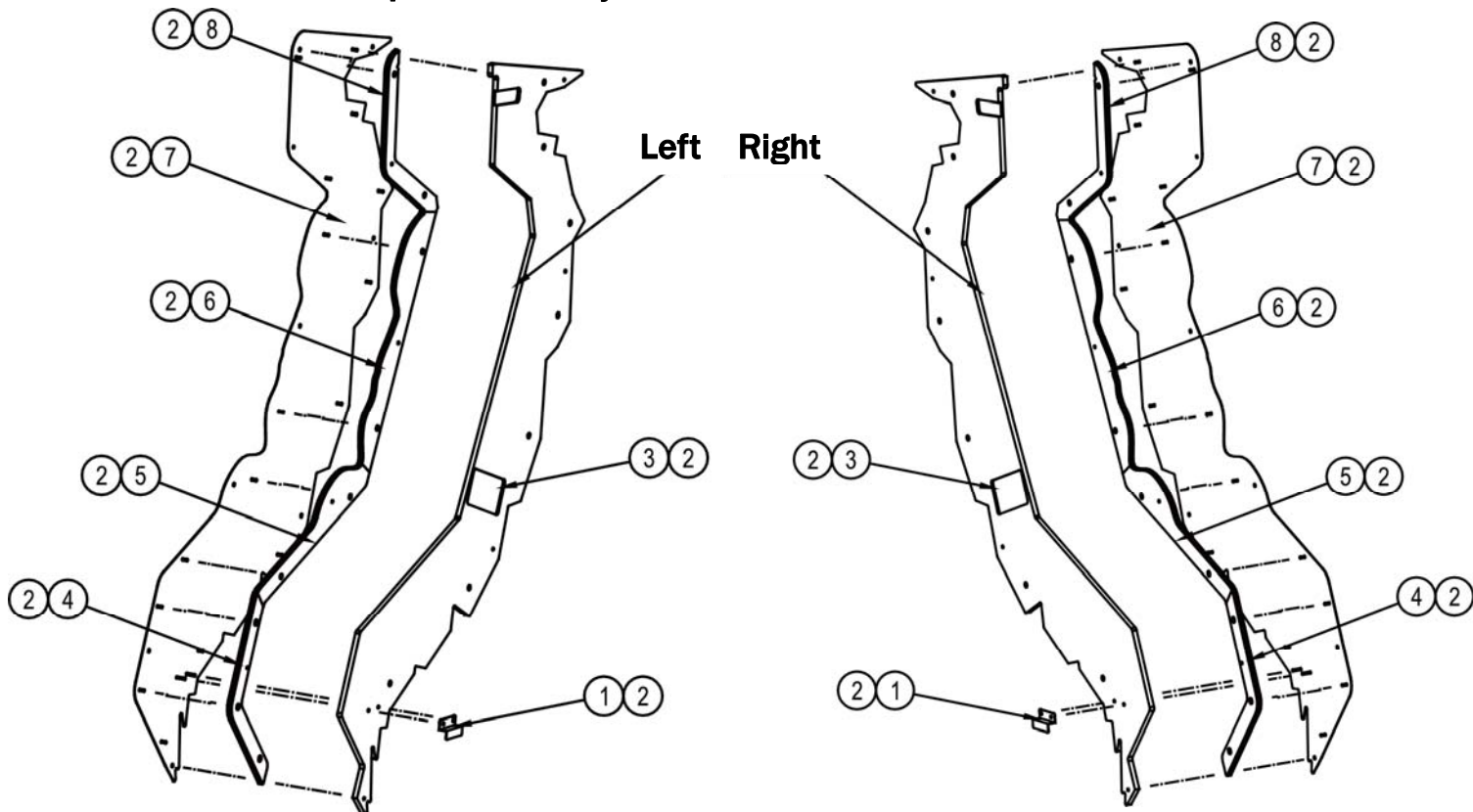
No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-143-000	20241218057	Monitor water retaining back strip	δ2	1
2	F132-144-000	20102100011	Hexagon nut with flange	M4	9
3	F132-145-000	20241218058	Monitor water retaining bottom strip	δ1.5 Black	1
4	F132-146-000	20101020018	Cross recessed countersunk head screw	M4×16 Color Zinc	4
5	F132-147-000	20241218060	Monitor bottom connected plate	δ1.5	1
6	F132-148-000	20101020034	Cross recessed pan head screw suite	M4×10 Color Zinc	13
7	F132-149-000	20241218062	Monitor mounted plate	δ1.5Black	1
8	F132-150-000	20101020046	Cross recessed pan head screw suite	'M6×12 Color Zinc	7
9	F132-151-000	20241218061	Monitor top mounted plate	δ1.5	1
10	F132-152-000	20241218059	Monitor top fixed plate	δ1.5 Black	1
11	F132-604-000	20241218056	Monitor glass	δ6 (transparent)	1

9.9 Water System Assembly



No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-153-000	25101100057	15 copper female teeth air connector	DN15 1/2"	2
2	F132-154-000	20241218044	Inner washer	δ1.5	2
3	F132-155-000	25101010020	15 Stainless steel connector	DN15 1/2"	3
4	F132-410-000	25101080047	Copper tap	DN15 1/2"	1
5	F132-156-000	25103000036	Steel wire clip	15-18mm	6
6	F132-411-00	25106010013	Steel wire water pipe	DN15 1/2" 13×18mm	1.68
7	F132-412-000	25101120136	Gate valve	DN15 1/2"	1
8	F132-413-000	25101070053	15 Stainless steel connector	DN15 1/2"	5
9	F132-414-000	25101140002	Pressure gage	Y-60	1
10	F132-415-000	25101140004	Gate valve connector	60	1
11	F132-416-000	25101040055	15 Metal 4 way pipe	DN15 1/2"	2
12	F132-417-000	25101050042	Copper screw	DN25×15 1×1/2	2
13	F132-418-000	25101030078	15 stainless steel tee joint	DN15 1/2"	1
14	F132-419-000	23410000121	Self-priming pump	BJZ037 110V	1
15	F132-157-000	20241218045	Solenoid valve mounted plate	δ1.5	1
16	F132-158-000	25101110060	8mm hose-1/2" connector		8
17	F132-420-000	25101120032	Two way solenoid valve	UW-15 DC24V ZG1/2	2
18	F132-159-000	25900021001	Hose fixed bracket	Internal dia. φ25mm	2
19	F132-421-000	25101110151	6mm hose - 1/2" connector		2
20	F132-411-00	25106010013	Steel wire water pipe	DN15 1/2" 13×18mm	1
21	F132-422-000	25101200103	Plastic box	blue	1
22	F132-423-000	20641218013	Water tank cover	δ3	1
23	F132-424-000	20641218014	Top filter foam	δ20	3
24	F132-425-000	20641218012	Bottom filter foam	δ20	2
25	F132-426-000	20241218041	Vat cover	δ1.5	1
26	F132-160-000	20241218043	Water level SW bracket	DN15 1/2"	1
27	F132-427-000	25106020194	8mm hose		5.6
28	F132-492-000	20241218042	Filter vat	δ1.5	1

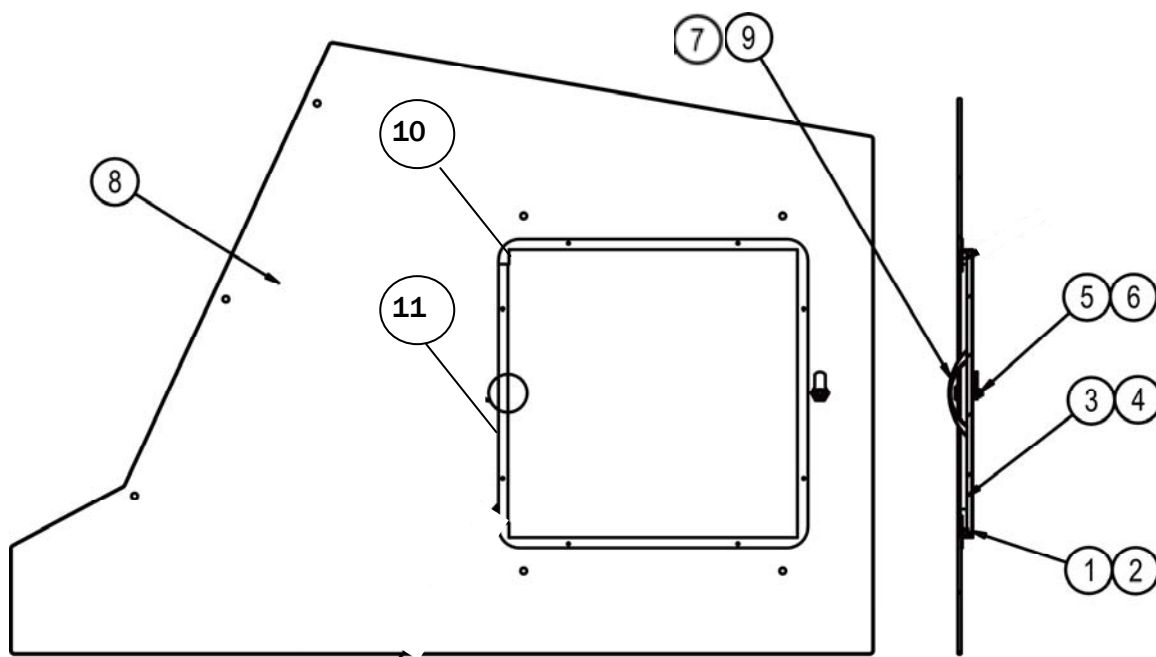
9.10 Side Marquee Assembly



Left					
No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-161-000	20241218052	Side marquee guide plate	δ2	1
2	F132-162-000	20102000030	Hexagon nut with flange	M5	17
3	F132-502-000	20341218002	Left side marquee plate	δ12	1
4	F132-605-000	20641218016	Left side marquee plastic 4	δ12	1
5	F132-606-000	20641218017	Left side marquee plastic 3	δ12	1
6	F132-607-000	20641218018	Left side marquee plastic 2	δ12	1
7	F132-608-000	20641218019	Left side marquee plastic 1	δ12	1
8	F132-163-000	20241218053	Left side marquee metal	δ1.5 white	1

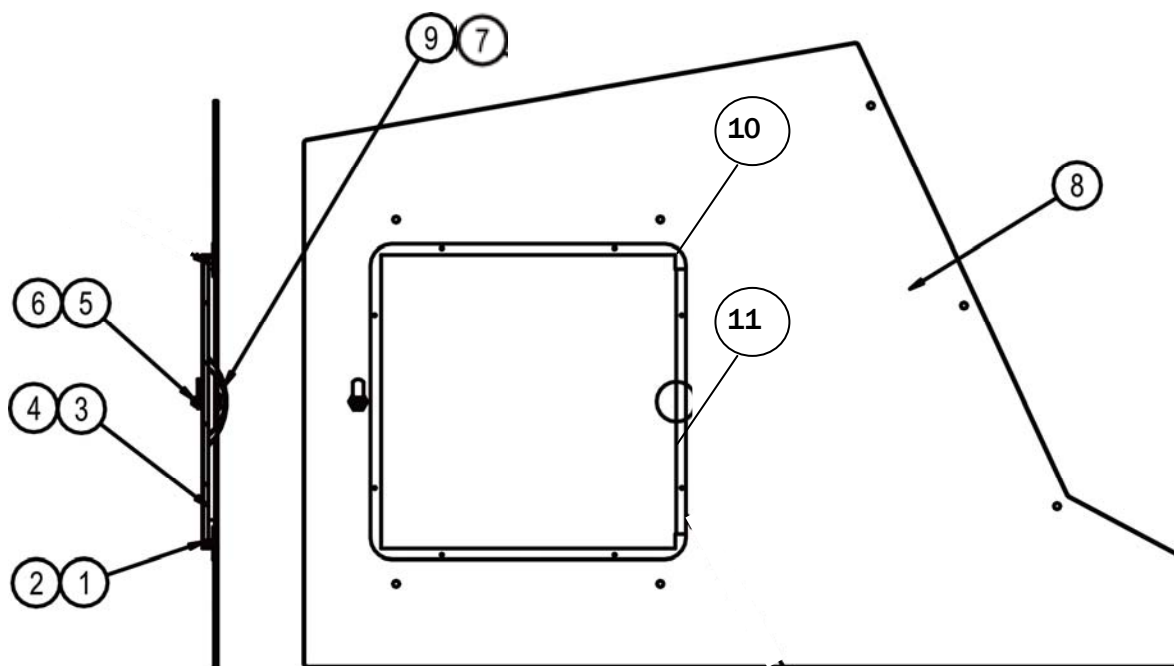
Right:					
No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-161-000	20241218052	Side marquee guide plate	δ2	1
2	F132-162-000	20102000030	Hexagon nut with flange	M5	17
3	F132-503-000	20341218041	Right side marquee plate	δ12	1
4	F132-609-000	20641218023	Right side marquee plastic 4	δ12	1
5	F132-610-000	20641218024	Right side marquee plastic 3	δ12	1
6	F132-611-000	20641218025	Right side marquee plastic 2	δ12	1
7	F132-612-000	20641218026	Right side marquee plastic 1	δ12	1
8	F132-164-000	20241218078	Right side marquee metal	δ1.5 white	1

9.11 Left Side Door Assembly



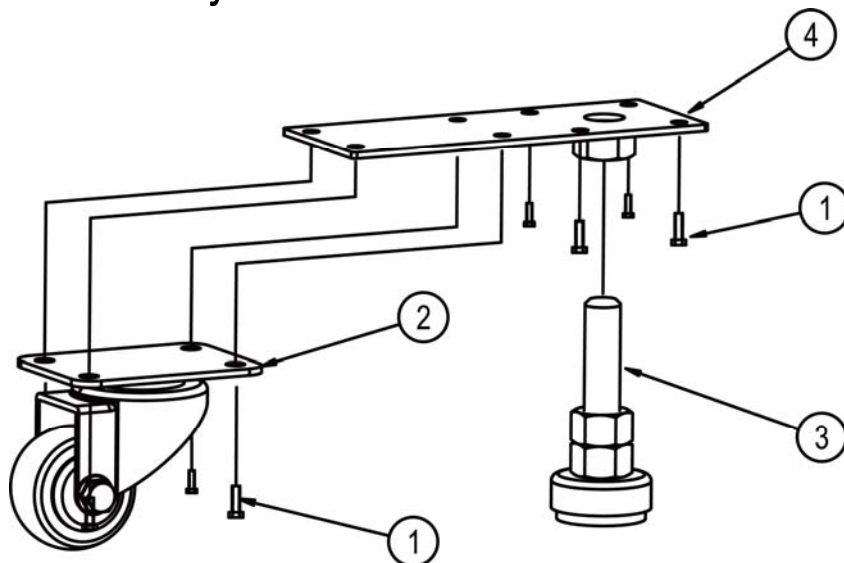
No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-165-000	20241218054	Side door frame	δ1.5	1
2	F132-166-000	20101100066	Hexagon flat round head screw	M4×10	8
3	F132-613-000	20641218020	Side door plastic	δ5	1
4	F132-614-000	38806000122	Seal glass cement	black	1
5	F132-428-000	25300171001	Lock	171	1
6	F132-429-000	20241218055	Lock plate	δ2	1
7	F132-166-000	20101100066	Hexagon flat round head screw	M4×10	2
8	F132-615-000	20641218021	Side plastic	δ5	1
9	F132-430-000	25102000007	Stainless steel handle	125×16	1
10	F132-194-000	26000018001	Service door frame	black	1
11	F132-195-000	26000018003	Service door hinge	black	1

9.12 Right Side Door Assembly



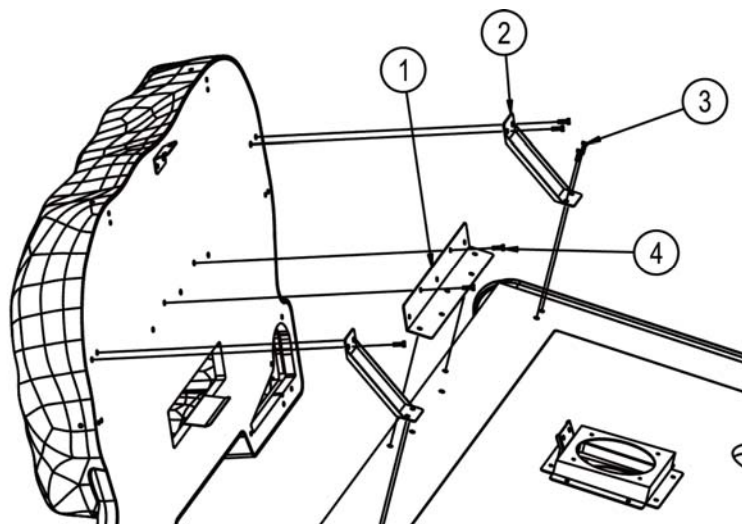
No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-165-000	20241218054	Side door frame	δ1.5	1
2	F132-166-000	20101100066	Hexagon flat round head screw	M4×10	8
3	F132-613-000	20641218020	Side door plastic	δ5	1
4	F132-614-000	38806000122	Seal glass cement	black	1
5	F132-428-000	25300171001	Lock	171	1
6	F132-429-000	20241218055	Lock plate	δ2	1
7	F132-166-000	20101100066	Hexagon flat round head screw	M4×10	2
8	F132-615-000	20641218021	Side plastic	δ5	1
9	F132-430-000	25102000007	Stainless steel handle	125×16	1
10	F132-194-000	26000018001	Service door frame	black	1
11	F132-195-000	26000018003	Service door hinge	black	1

9.13 Caster Assembly



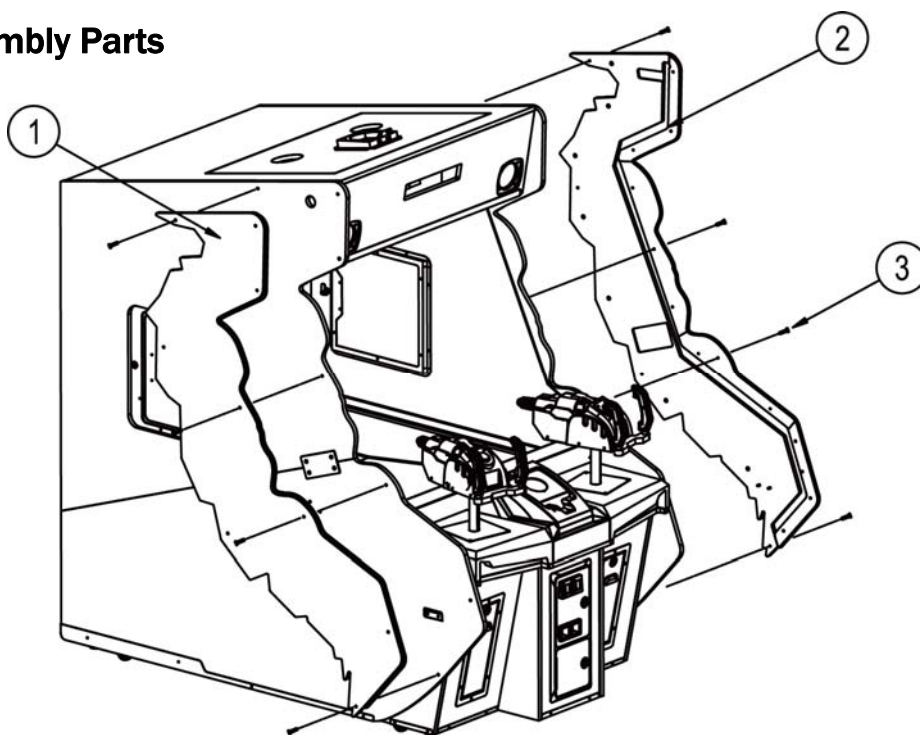
No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-167-000	20104020021	Cross recesses hexagonal head bolt suite	M6×25 Color Zinc	8
2	F132-431-000	25501000056	2.5" caster	3-2689-52	1
3	F132-432-000	26000008000	2.5" leveller	M16X100(Color Zinc)	1
4	F132-168-000	26000010000	2.5" caster bracket	'δ3(Color Zinc)	1

9.14 Caster Assembly

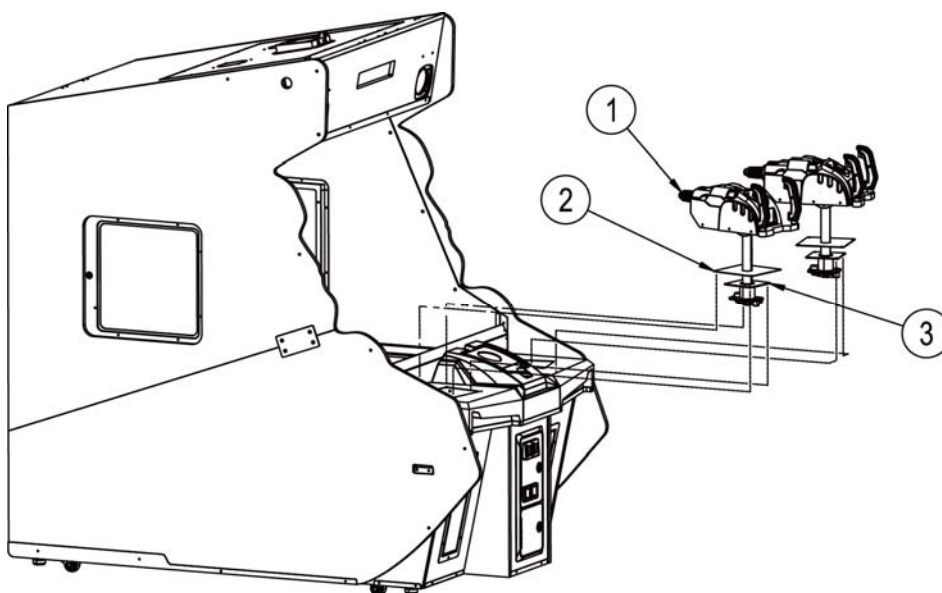


No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-433-000	20241218048	Marquee hinge	δ1.2	1
2	F132-169-000	20241218008	Marquee fixed plate	δ1.5Black	2
3	F132-170-000	20101000042	Cross recessed pan head screw suite	M5×16	8
4	F132-139-000	20101000041	Cross recessed pan head screw suite	M5×12	10

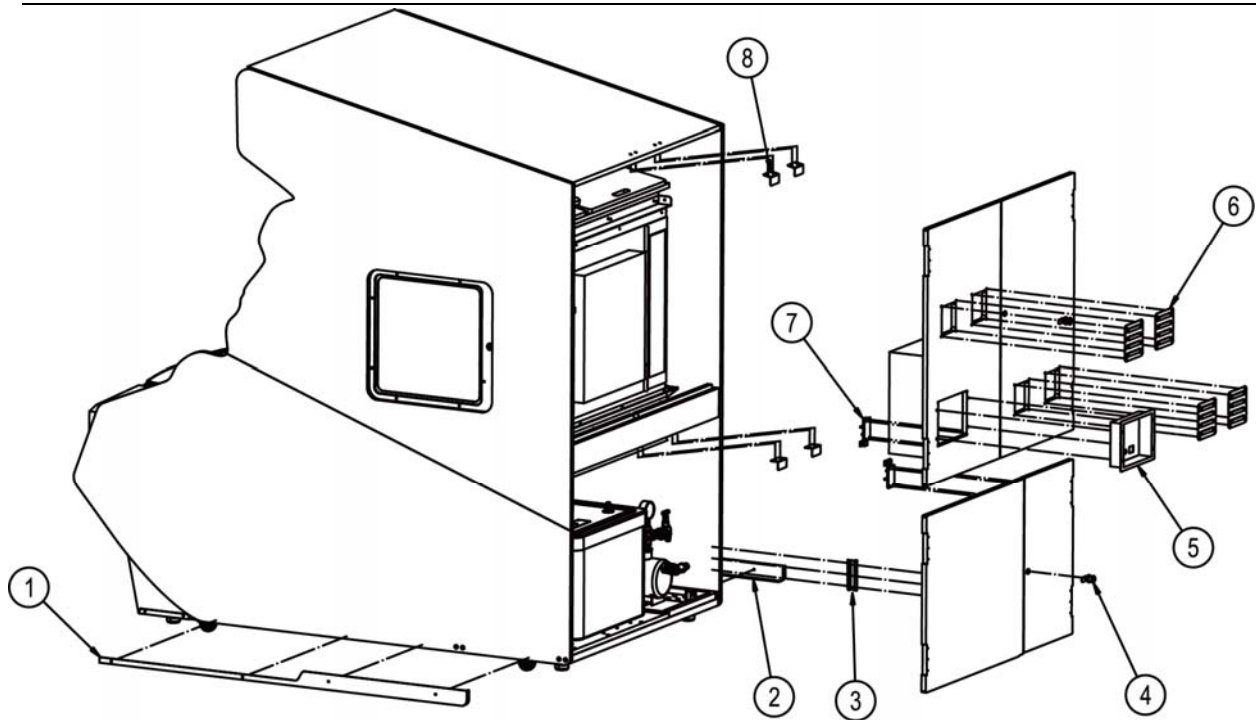
9.15 Assembly Parts



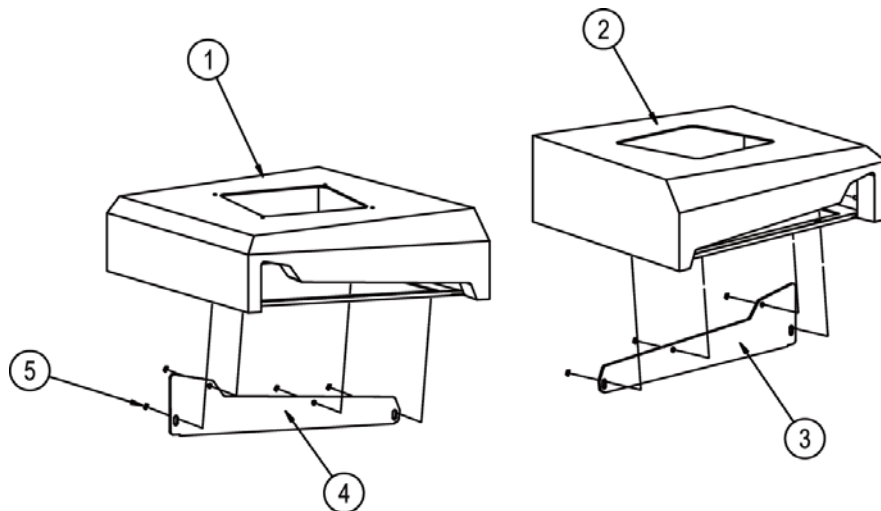
No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-001-000	29941218005	Left side marquee assembly		1
2	F132-002-000	29941218009	Right side marquee assembly		1
3	F132-171-000	20101100011	Hexagon flat round head screw	M5×25	18



No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-003-000	29941218002	Gun assembly		2
2	F132-172-000	20104000002	Philips hexagonal head bolt suite	M6×16	8
3	F132-166-000	20101100066	Hexagon flat round head screw	M4×10	8

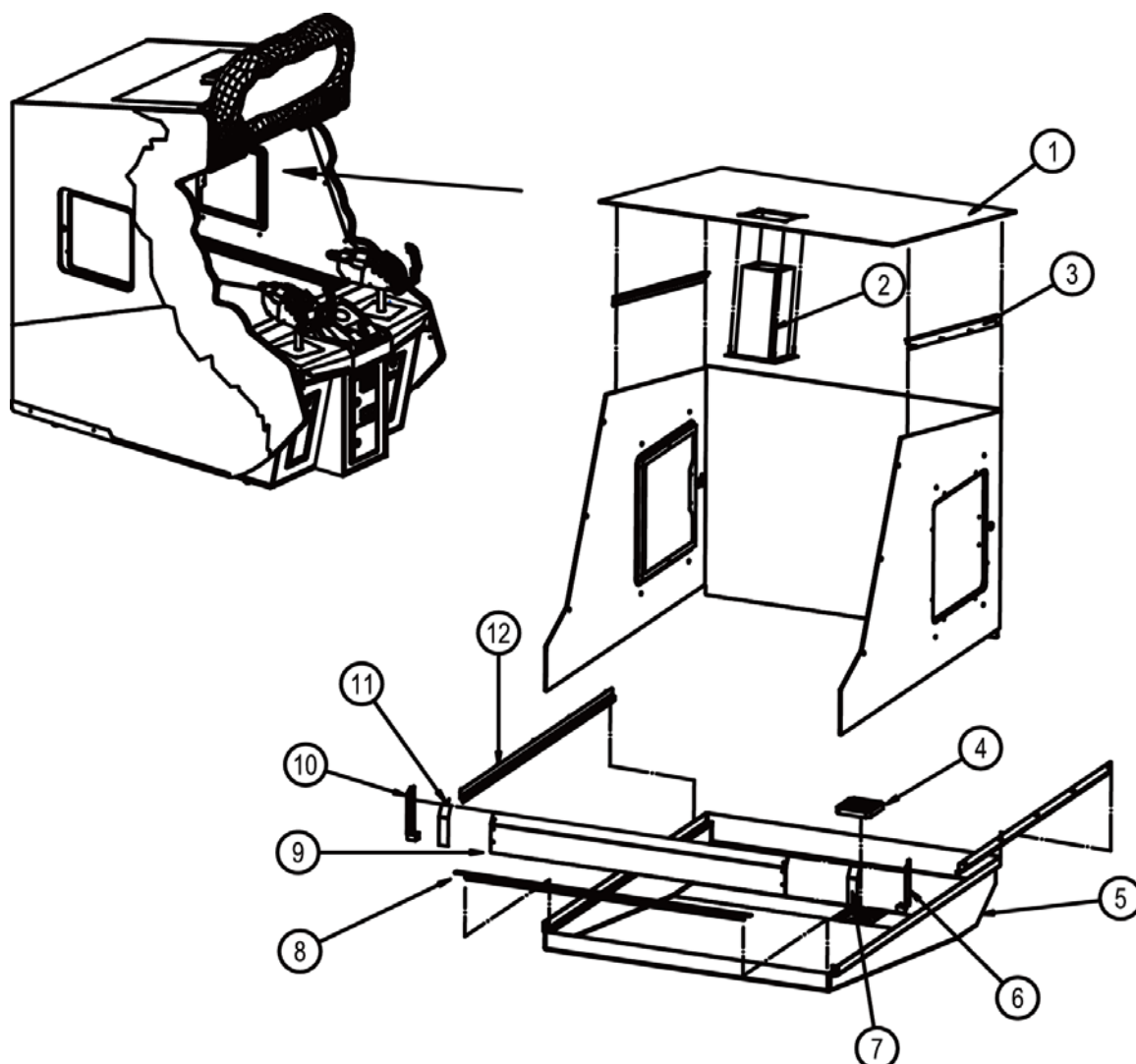


No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-173-000	20241218025	Left side edge plate	' δ 1.2 Black	1
2	F132-174-000	20241218023	'Right side edge plate	' δ 1.2Black	1
3	F132-434-000	26300000011	Hinge	4 inches	8
4	F132-428-000	25300171001	Lock	171	2
5	F132-175-000	20241218014	Power outlet bracket	δ 1.5	1
6	F132-435-000	26000014000	Shutter	δ 1.5(black)	4
7	F132-176-000	26303000028	Plug	A-03	5
8	F132-177-000	20241218063	Top block plate	δ 1.5Black	4

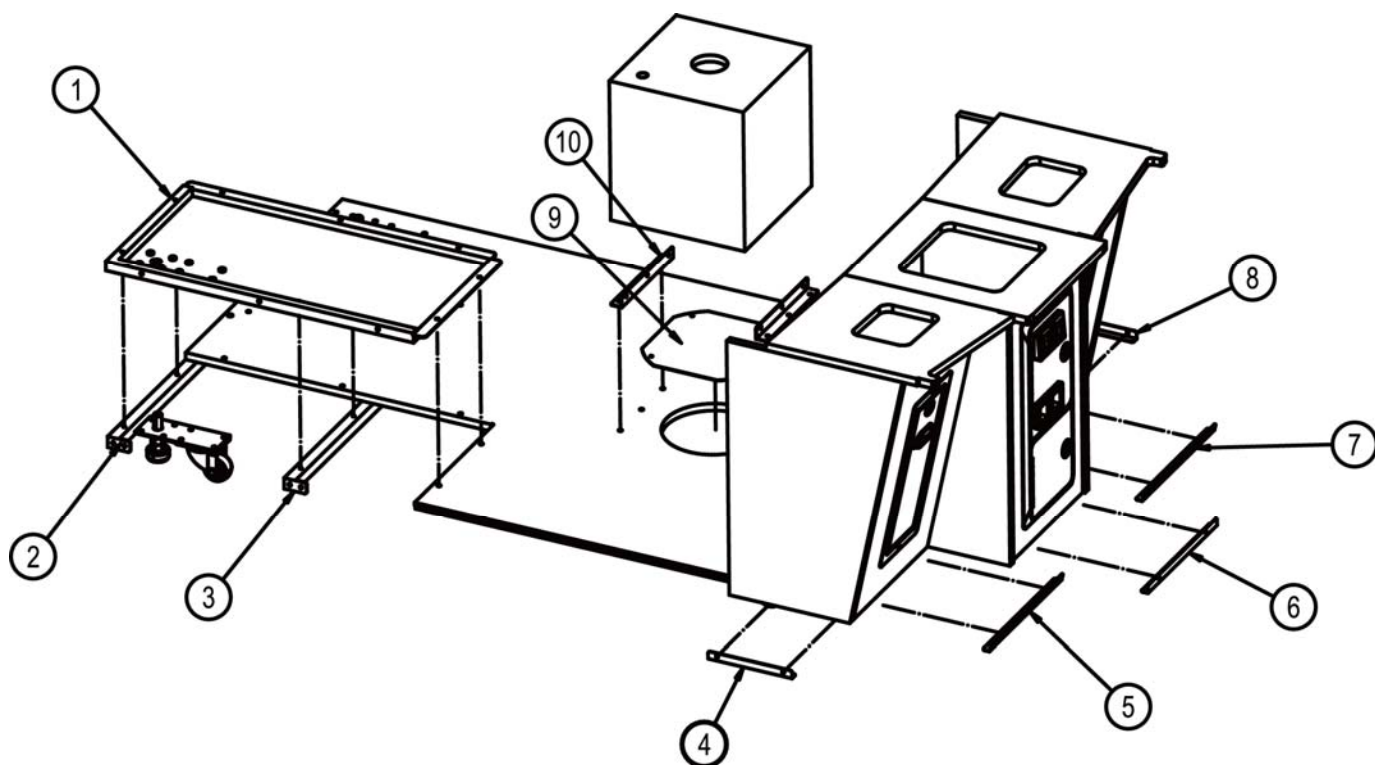


No.	Part No.	Code No.	Name	SPEC.	Qty
1	F132-178-000	20241218001	Left gun stage	δ 1.5Black	1
2	F132-179-000	20241218002	Right gun stage	δ 1.5Black	1
3	F132-616-000	20641218005	Control panel plastic	δ 3 white	1
4	F132-616-000	20641218005	Control panel plastic	δ 3 white	1
5	F132-144-000	20102100011	'Hexagon nut with flange	M4	10

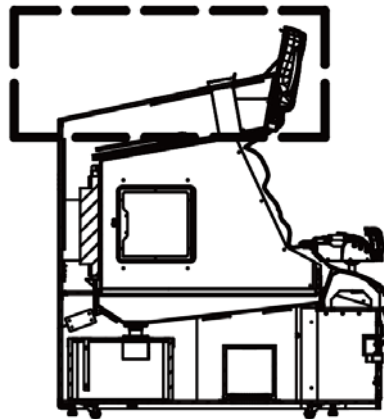
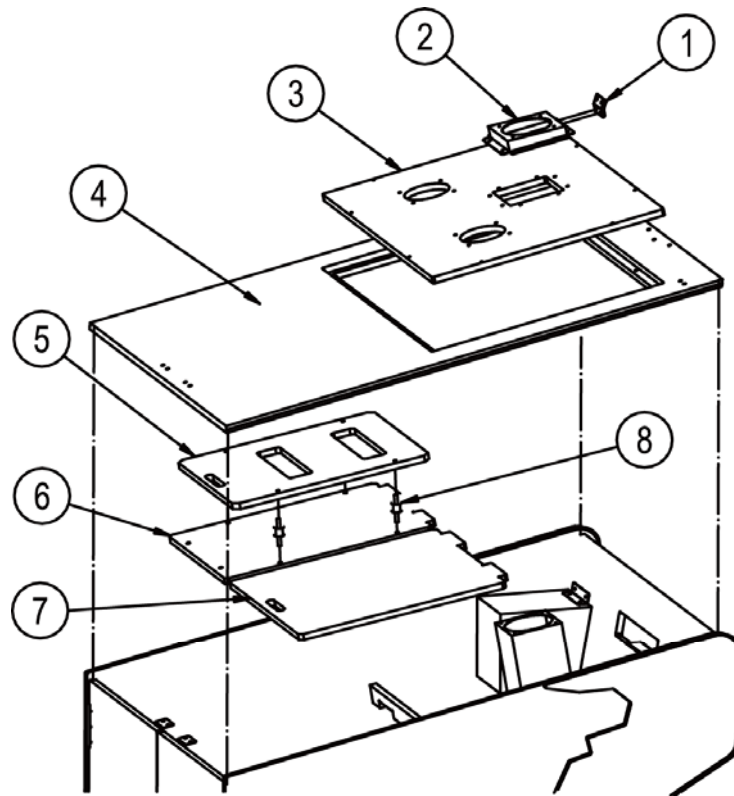
9.16 Internal Parts



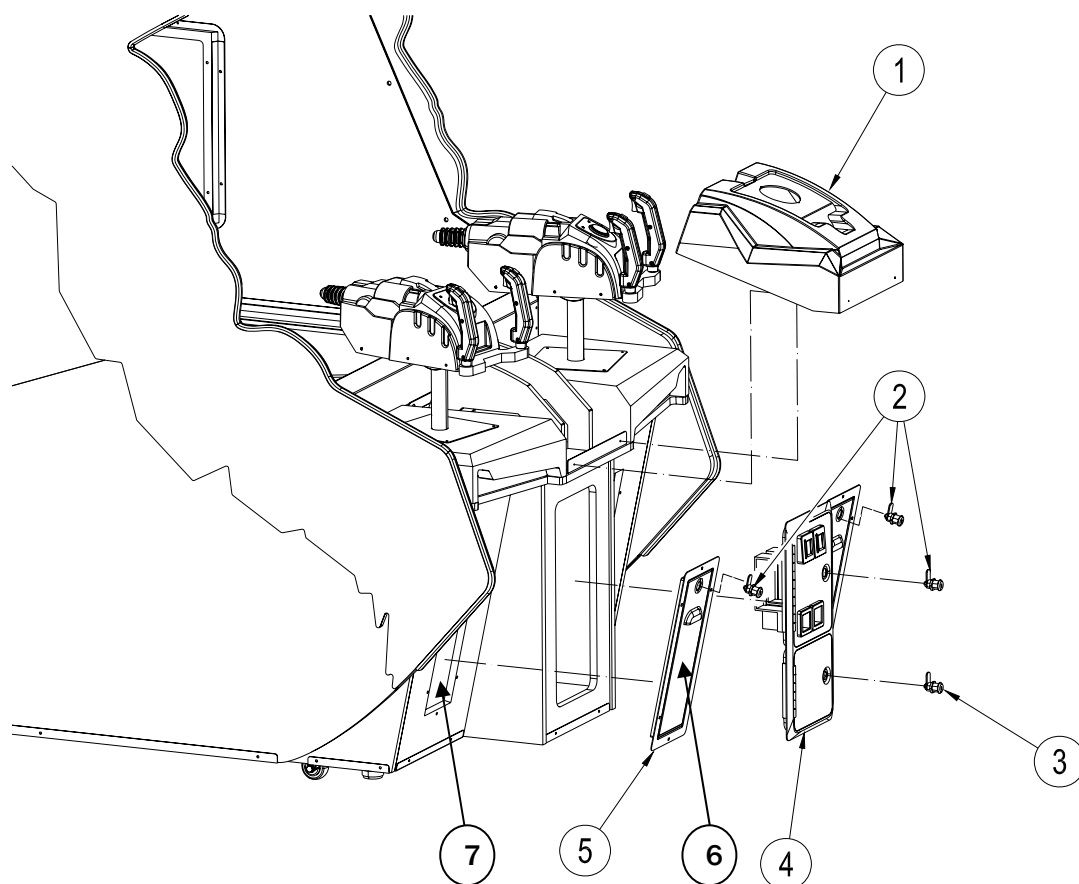
No.	Part No.	code No.	Name	SPEC.	Qty
1	F132-617-000	20641218003	Cabinet top plastic	δ5 black	1
2	F132-180-000	20241218017	Exhaust passage	δ1.2Black	1
3	F132-436-000	20241218012	Side plastic top guide rail	δ1.2	2
4	F132-437-000	20241114002	Top filter cover	t1.2/Black	1
5	F132-618-000	20641114001	Water basin	δ4	1
6	F132-438-000	20241218011	Right side plastic strip	δ1.2	1
7	F132-439-000	20241218006	Plastic left fixed plate	δ1.5	1
8	F132-440-000	20241218003	Water basin plate	δ1.2	1
9	F132-619-000	20641218002	Water stop plastic	δ5	1
10	F132-438-000	20241218011	Right side plastic strip	δ1.2	1
11	f132-441-000	20241218005	Plastic right fixed plate	δ1.5	1
12	F132-442-000	20241218004	'Side plastic bottom guide rail	δ1.2	2



No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-181-000	20241218075	'Water bump mounted plate	δ2Black	1
2	F132-182-000	20241218069	Reinforced tube	25×25×2Black	1
3	F132-182-000	20241218069	Reinforced tube	25×25×2Black	1
4	F132-183-000	20241218024	Front side edge	δ1.2Black	2
5	F132-184-000	20241218020	Front side edge	δ1.2Black	2
6	F132-185-000	20241218026	Front middle edge	δ1.2Black	1
7	F132-184-000	20241218020	Front side edge	δ1.2Black	2
8	F132-183-000	20241218024	Front side edge	δ1.2Black	2
9	F132-443-000	20241218070	Speak grill	δ1.2Black	1
10	F132-186-000	20241218067	Control panel connected plate 1	'δ1.5Black	8



No.	Part No.	Code	Name	SPEC.	Qty.
1	F132-187-000	20241218007	Marquee fixed plate 1	ø1.2Black	1
2	F132-444-000	20241218016	Vent cover	ø1.5Black	1
3	F132-505-000	20341218032	Vent mounted plate	ø15	1
4	F132-504-000	20341218027	Cabinet top plate	ø15	1
5	F132-506-000	20341218037	PC fixed plate	ø15	1
6	F132-507-000	20341218036	PC plate mounted plate	ø15	1
7	F132-508-000	20341218033	Main board mounted plate	ø15	1
8	F132-188-000	26000013000	Shockproof screw B	Color Zinc	4

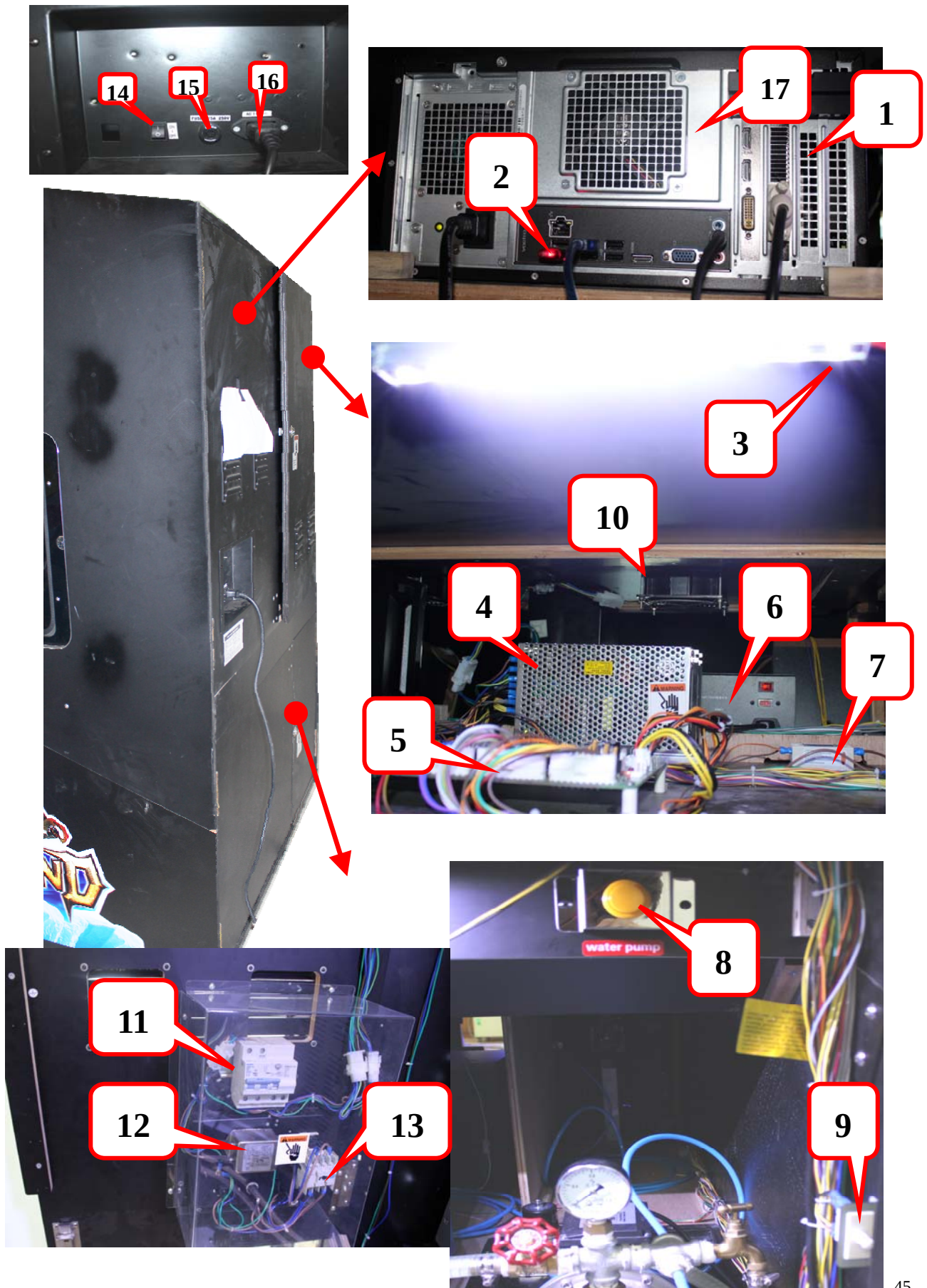


No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-620-000	20641218001	Control panel vacuum foam	ø3black	1
2	F132-428-000	25300171001	Lock	171	4
3	F132-445-000	25302222001	Lock	2222	1
4	F132-004-000	26000016000	Coin door assembly	Assembly black	1
5	F132-005-000	26000018000	Single ticket door assembly	Assembly	2
6	F132-488-000	26000018002	Ticket door	ø1.5(black)	2
7	F132-490-000	26000006000	Ticket bin	'ø1(white)	2

9.16 Electrical Parts



No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-446-000	22006000020	T5 Lamp	T5-21W 220V	2
2	F132-447-000	22002013006	LED lamp belt	DC12V 3528LED 60pcs/m red	1.3
3	F132-448-000	22801000005	Speaker	4"4Ω15W	2
4	F132-449-000	22401000004	Button with lamp	White Φ100	1
5	F132-450-000	22401030006	Bit button with lamp	White	2
6	F132-451-000	22002013004	LED lamp belt	DC12V 3528LED 60pcs/m blue	4.3
7	F132-452-000	29741218001	Control panel LED PCB	LED48NC.PCB (24 RED)	2
8	F132-453-000	23100000006	Ticket machine	CL-022Q-386	2
9	F132-454-000	22301000007	Coin mech.	TW-800 II	2
10	F132-455-000	23000000006	Counter	C-012 12VDC 18CPS	2
11	F132-456-000	22403000001	POT knob	black	2
12	F132-457-000	22402030002	Test button	PB:11C02R (green)	1
13	F132-458-000	22402050001	Service button	PB:11C02R (black)	1
14	F132-459-000	22402010002	Reset button	PB:11C02R (red)	1
15	F132-460-000	21200000065	LCD Monitor	42"	1
16	F132-461-000	22501000006	POT	10k	2
17	F132-462-000	21709000002	POT connected pcb	VR.PCB	2
18	F132-189-000	20241218027	Counter bracket	δ1.5	1



No.	Part No.	Code No.	Name	SPEC.	Qty.
1	F132-463-000	21101000019	PC	DELL 3010	1
2	F132-464-000	20841318001	Dongle		1
3	F132-465-000	22003080004	Back lights	W5630-LC20cm-60z/m-DC12V	2
4	F132-466-000	21602000094	Power Supply	MW-S-150-12 (12V/12.5A)	1
	F132-467-000	21602000010	Power Supply	EPT-S150S24	1
5	F132-468-000	21701000029	Main board	M3_MB.PCB 150×200×2.0mm	1
6	F132-469-000	22803000011	2.2Amplifier	Gc-360W	1
7	F132-470-000	22140000004	Solid state relay	SSR-40DA	1
8	F132-471-000	22401000081	Water pump button	30 type orange	1
9	F132-472-000	22601010004	Door switch	CHERRY OE79-30A0 16A 125/250VAC 1/3HP	2
10	F132-473-000	22702000010	Fan net	4"	5
	F132-474-000	22702000002	Fan	4" 220V	3
11	F132-475-000	22601000056	Leakage protection switch	NDB2LE-63 C20	1
12	F132-476-000	23201000002	Filter	YE20T4L2 20A	1
13	F132-477-000	22605000037	Contactor	S-N10 220V	1
14	F132-478-000	22601000005	Rocker Switches	T125/55	1
15	F132-479-000	21902000008	Fuse socket	H3-22	1
	F132-480-000	21901000014	Fuse	Φ6×30mm T10A 250VAC	1
16	F132-481-000	23301050002	Power cord	3×0.75mm 0.5m	2
17	F132-487-000	21107030028	Video card	'ZOTAC GTX650-1GD5 TSI HA	1
18	F132-489-000	21107090001	RAM	DDR3 2G	1

10. DECALS

Front:

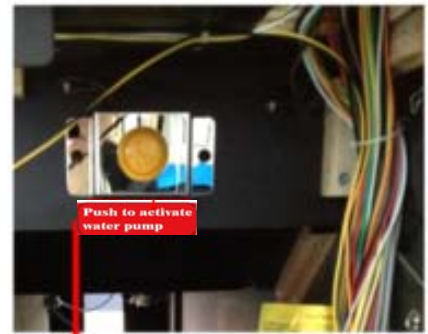


No.	Part No.	Code	Name	SPEC.	Qty
1	F132-603-000	20541218A001	Marquee vacuum foam	1250X800X5	1
2	F132-621-000	20541218005	Left side ice decal	196X1780	1
3	F132-622-000	20541218A003	Left side decal	1470X706	1
4	F132-623-000	20541218A008	UNIS logo decal	158X60	1
5	F132-624-000	25600000034	Ticket decal	62×20	2
6	F132-625-000	20541218A002	Control panel decal	191X151	2
7	F132-623-000	20541218A008	UNIS logo decal	158X60	1
8	F132-626-000	20541218007	Big button decal	96X96	1
9	F132-627-000	20541218A004	Right side decal	1470X706	1
10	F132-628-000	20541218A005	Start button decal	34X34	2
11	F132-629-000	'20541218006	Right side ice decal	1196X1780	1

Back:



1



Push to activate water pump



2

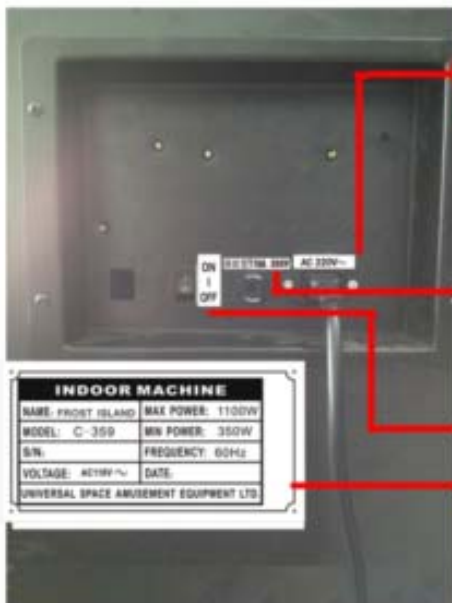
3



Push to activate water pump

4

- BASS +
12



AC 110V~

5

FUSE T15A 250V

6

AC 220V~

7

FUSE T10A 250V

8

ON
/
OFF

9

Coin counter

10

Ticket counter

11



- Volume +

13

Test

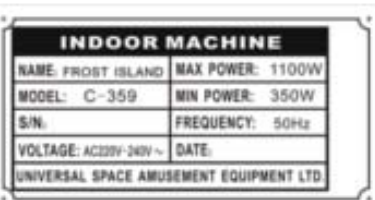
14

Service

15

Reset

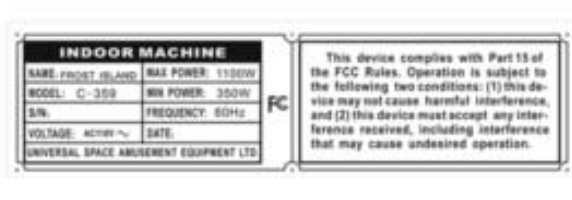
16



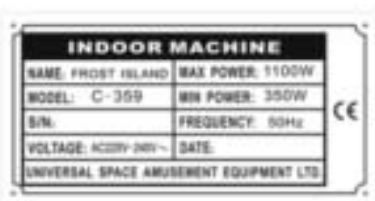
18



19



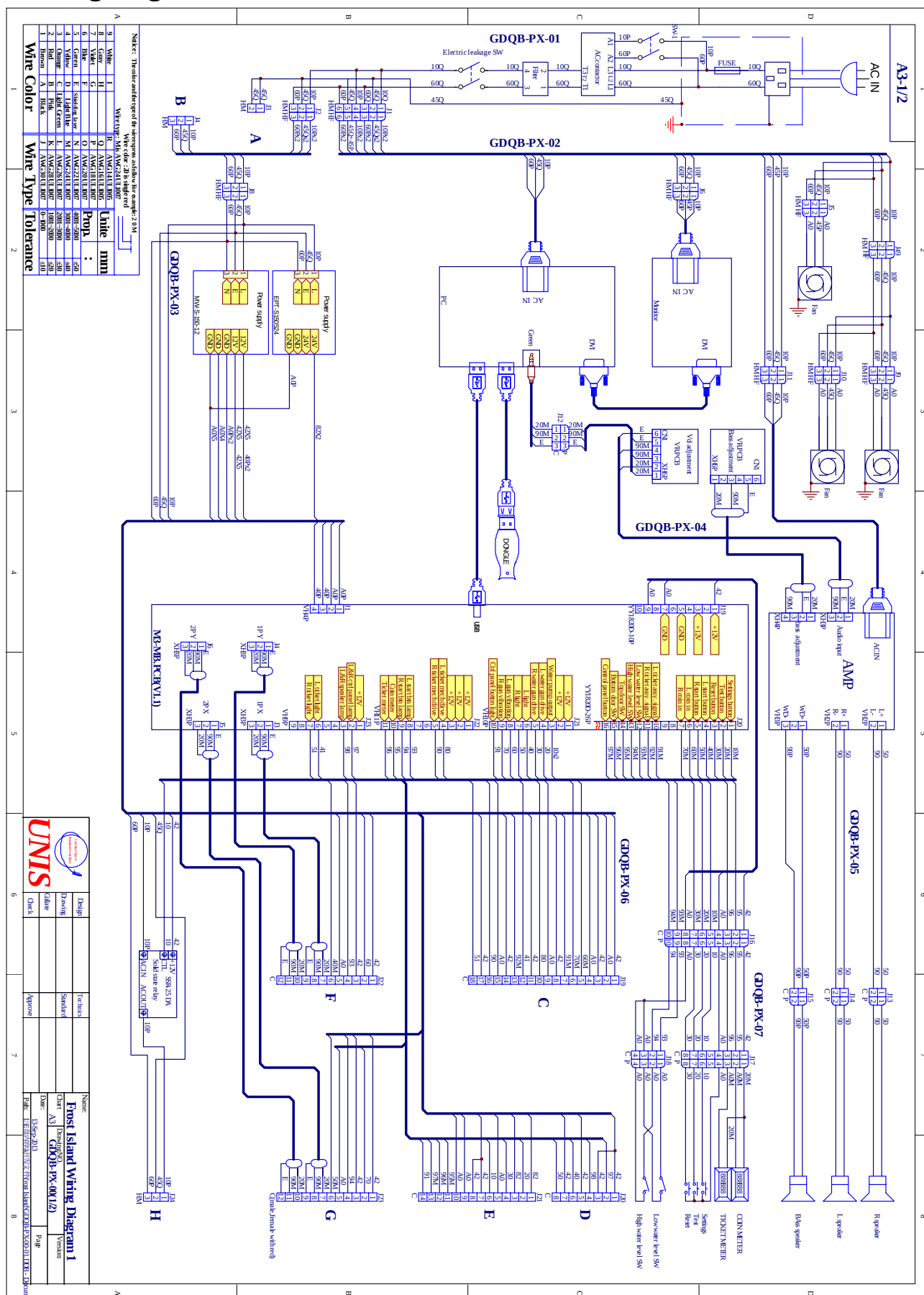
20

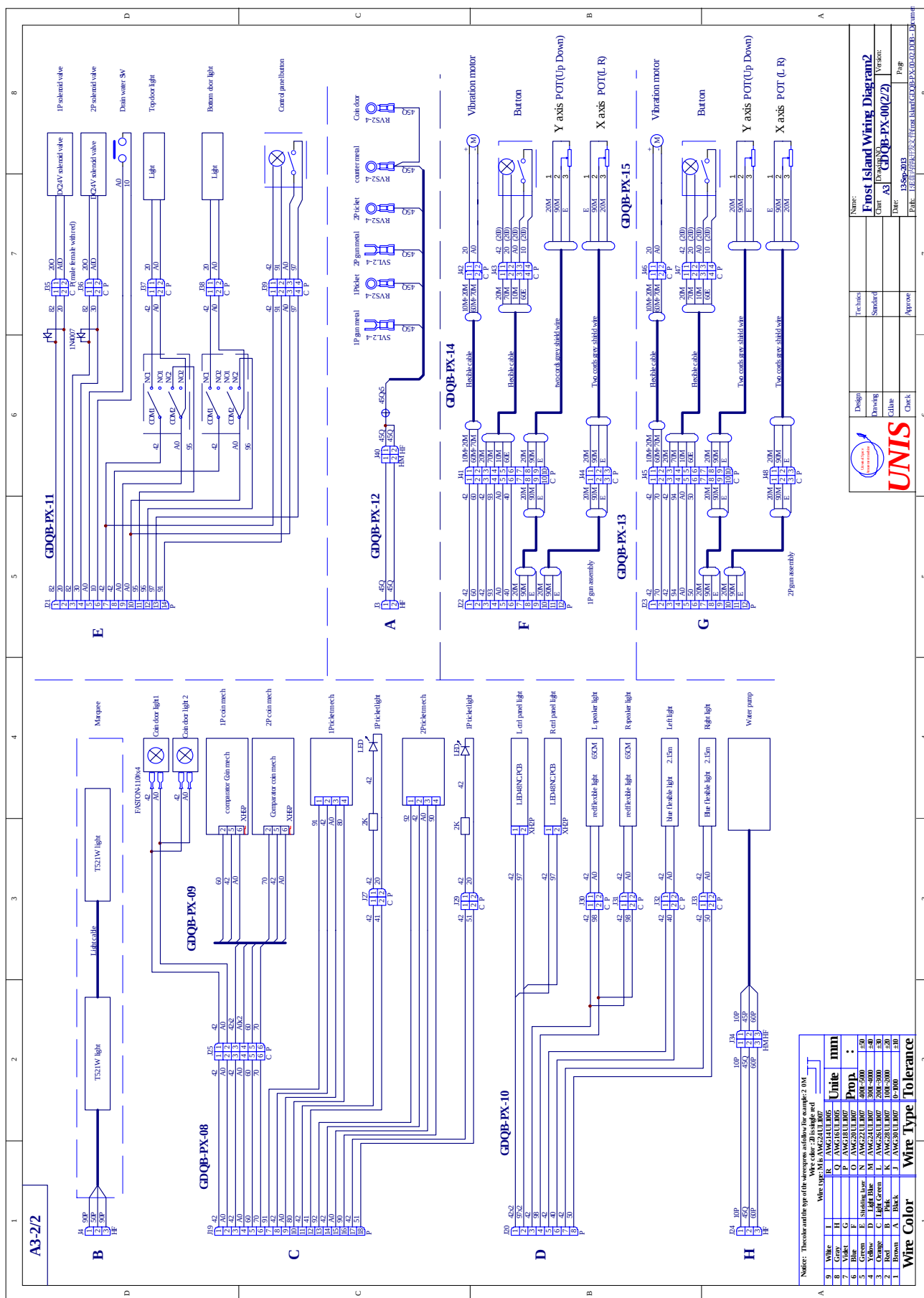


17

No.	Part No.	Code	Name	Spec.	Qty
1	F132-661-000	20541218A015	Clean filter decal'	174X133	1
2	F132-656-000	20541218A011	Water level decal	65X254	1
3	F132-657-000	20511106033	distilled water decal	106X106	1
4	F132-659-000	20541218A013	Water pump button decal	53X15	1
5	F132-634-000	256000000071	110 V label	25X6	1
6	F132-635-000	256000000078	Fuse T15A/250V	33X6	1
7	F132-636-000	256000000072	220V label	25X6	1
8	F132-637-000	256000000077	Fuse T10A/250V	33X6	1
9	F132-638-000	256000000017	Power SW label	8×18	1
10	F132-639-000	256000000001	Coin counter label	30×6	1
11	F132-640-000	256000000002	Ticket counter label	30×6	1
12	F132-641-000	256000000004	Bass label	'30×6	1
13	F132-642-000	256000000003	Volume label	30×6	1
14	F132-643-000	256000000005	Test label	30×6	1
15	F132-644-000	256000000009	Service label	30×6	1
16	F132-645-000	256000000006	Reset label	30×6	1
17	F132-646-000	20541218A009	220v certified nameplate	128×68	1
18	F132-647-000	20541218A006	220V non certified nameplate	128×68	1
19	F132-648-000	20541218A007	110V non certified nameplate	128×68	1
20	F132-649-000	20541218A010	110v certified nameplate	247×68	1
21	F132-650-000	256000000036	Warning label small	41×42	2
22	F132-651-000	256000000038	Heat warning label	41×42	2
23	F132-652-000	256000000091	GND label	12X12	7
24	F132-653-000	256000000037	Warning label big'	62×88	2
25	F132-658-000	20541218A012	How to change water label	145X178	1
26	F132-660-000	20541218A014	Water pressure decal	209X175	1

Wiring Diagram







Have Questions? Contact us!

www.universal-space.com

 International Support Center	 USA Support Center
Tel: +1-905-477-2823 Fax: +1-905-477-2660 Email: service@universal-space.com (Contact: Clement Yau)	Tel: 972-241-4263 Fax: 214-919-4918 Email: tsnelling@unisusasupportcenter.com (Contact: Tim Snelling)