

# HYPER CROSS

## User's Manual



Important

- Before installing and using this machine, please read this user manual carefully.
- Please follow all instructions in this user manual and pay attention to all descriptions to ensure that the machine is installed correctly.
- Please carefully store this user manual at where it can be easily accessed and read.
- The cabinet and parts of this machine are subject to change for further improvement.

## Definition of 'Site Maintenance Personnel' or Other Qualified Individuals

### **IMPORTANT**

**Procedures not described in this Manual or marked as 'to be carried out by Site Maintenance Personnel or other qualified professionals' should not be carried out by personnel without the necessary skill or technological experience. Work carried out by unqualified persons may cause serious accidents, including electrocution**

Parts replacement, maintenance inspections, and troubleshooting should be carried out by site maintenance personnel or other qualified professionals. This Manual includes directions for potentially dangerous procedures which should only be carried out by professionals with the appropriate specialised knowledge.

The site maintenance personnel or other qualified professionals mentioned in this Manual are defined as follows:

#### **Site Maintenance Personnel:**

Individuals with experience in maintaining amusement equipment, vending machines, etc., working under the supervision of the owner/operator of this product to maintain machines within amusement facilities or similar premises by carrying out everyday procedures such as assembly, maintenance inspections, and replacement of units/ expendable parts.

#### **Activities to be carried out by Site Maintenance Personnel:**

Amusement equipment/vending machine assembly, maintenance inspection and replacement of units/ expendable parts.

#### **Other qualified professionals:**

Persons employed by amusement equipment manufacturers, or involved in design, production, testing or maintenance of amusement equipment. The individual should have either graduated from technical school or hold similar qualifications in electrical/electronics/mechanical engineering.

#### **Activities to be carried out by other qualified professionals:**

Amusement equipment/vending machine assembly, repair/adjustment of electrical/electronic/mechanical parts.

## Waste of Electrical and Electronic Equipment (WEEE) Statement

The WEEE (Waste of Electrical and Electronic Equipment) directive places an obligation on all EU based manufacturers and importers of Electrical and Electronic Equipment (EEE) to ensure waste equipment is disposed of in accordance with the directive at the end of their useful life.

The symbol shown below will be placed on all products manufactured from 13th August 2005, which indicates this product must NOT be disposed of with other normal waste.

**Upon purchasing any EEE from the supplier/distributor of this product, the user accepts responsibility to dispose of their waste equipment by arranging to return it to a designated collection point (AATF) or an Approved Exporter (AE) for the correct recycling of waste electrical and electronic equipment.**

For more information on Approved Authorised Treatment Facilities (AATF), please consult your local government authority.

For users outside of the EU, EEE should be disposed of in accordance with the local policy on the recycling of Waste Electrical and Electronic Equipment.

## Battery Recycling Statement

The EC Directive on Batteries and Accumulators (2006/66/EC) aims to minimise the impact of batteries on the environment and encourage the recovery of the materials they contain. To achieve increased collection and recycling of waste batteries, the Directive places 'producer responsibility' obligations on manufacturers and importers of portable, industrial and automotive batteries.

The symbol shown below will be on all equipment fitted with batteries from 26th September 2008 and indicates they must NOT be disposed of with other normal waste. Instead, it is the user's responsibility to dispose of used batteries by arranging to return them to a designated collection point for the correct recycling.

For more information about where you can send your waste batteries for recycling contact your local authority office.



## About This Manual

This User Manual describes how to install, set up, use and maintain this product. The purpose is to instruct machine operators and maintenance personnel to use this product correctly and safely. Please follow all safety and warning indications to prevent people from harm or machine from damage.

People who are not trained technicians shall not repair this product personally. Technicians are defined as people who obtained diploma from high schools or schools above junior high in the subjects of mechanical engineering, electrical engineering, or schooling of the equivalent level and have game machine maintenance, management, and servicing as their daily work.

Please carefully store this user manual at where it can be easily accessed and read.

### **Disclaimer**

IGS makes no warranty, expressed or implied, including but not limited to any implied warranties of the correctness and completeness of this document. IGS also makes no warranty to any merchantability or fitness for a particular purpose. IGS reserves the right to revise and improve this manual as it sees fit. Information in this document is subject to change without notice.

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# Safety Precautions

In order to prevent injury to the person who set up, use, and repair the product, as well as injury to the personal safety of others and damage to their property, please ensure to adhere to the following:

- The following symbols are used to distinguish between the level of danger and degree of damage caused by ignoring the signs or incorrect operation.



The meaning of this sign is "may cause serious injury or death".



The meaning of this sign is "may cause minor injury or damage to property".

**Serious Injury:** Serious Injury refers to the situations in which hospital treatment or long-term treatment will be accepted because of losing sight, getting hurt, getting burnt, electric shock, fracture or intoxication.

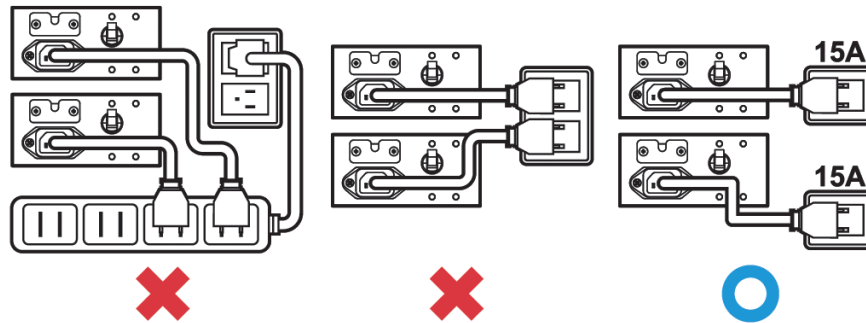
**Minor Injury:** Minor Injury refers to the cases that there is no need to go to hospital or accept long-term treatment.

**Property Damage:** Property Damage refers to the damage of house, facility, or hurt of livestock and pets.



### Power

- Each power cord must be connected to a separate power outlet. Do not plug into the same power strip or use the same power connection.



- Before plugging in the cabinet, first make sure the voltage is 110V or 220V, or fires and electric shocks might occur.
- When plugging in the cabinet, use an earthing socket.
- Do not expose electrical cords and earthing wires on the hallway, or damage, electric shocks and short circuit might occur.
- Do not place flammable items near electrical cords to avoid fires.
- If electrical cords are damaged, replace new ones with your local distributor.
- Do not use fuses and parts other than those designated by IGS.
- To avoid electric shocks or short circuits:
  - Before repair or maintenance, power must be turned off.
  - Do not touch plugs with wet hands.
  - Do not immediately unplug or plug in the cabinet.
  - When unplugging the electric cord, tightly hold the plug and avoid pulling the electric cord.



## Ordinary

- Without the permission from our designated personnel, do not disassemble, change or remodel our products.
- Be sure to operate this product according to the instructions of this manual. Any inappropriate operation would damage this product and threaten the personal safety of players as well as onlookers.
- Routinely check, maintain and repair this product.
- Keep each warning label on this product clean in order to make sure the descriptions are readable. If the filthiness on the label could not be got rid of or descriptions are indistinct, immediately replace the labels.



## Installation Location

- This cabinet is designed for indoor use, and do not place it outdoors or the following locations:
  - Places under direct sunlight, are leaking, moist or of high temperature.
  - Places near flammable, highly volatile or dangerous objects.
  - Places where the surface is tilted, unstable or frequently shaking.
  - Places around emergency exits, fire extinguishers or any other extinguishing equipment.
- The vent located in the bottom of this product is for the cabinet and monitor to emit warm air, and do not place any item close to the vent, or malfunction might occur.
- A distance of 30 cm or more should be kept between the cabinet and walls, another cabinet or the hallway.



## Transportation

- When transporting this product with a forklift, make sure to exert the force point to avoid accidents or damages to the cabinet.
- When moving this product with a vehicle, make sure to fasten the caster rather than the leg leveler, or damages might be brought to the cabinet.
- The LCD monitor of the cabinet is rather fragile, and should avoid severe shaking or being hit by outer forces.



## Moving

- Before moving the cabinet, first unplug it to avoid accidents.
- When moving the cabinet, pay attention to the obstacles ahead and check if the surface of the ground is flat to avoid accidents and damages to the cabinet.
- When moving the cabinet, at least two personnel should work together to avoid accidents.



## During a Game

- To prevent customers from being injured or encountering accidents, people in the following categories should avoid using this product:
  - People with unsatisfactory health conditions such as patients of hypertension or heart disease.
  - People with injuries or are physically disabled.
  - People wearing slippery shoes or high heels.
  - People who are unable to step on the pedal when sitting.
  - People who are pregnant, drunk or would easily feel dizzy.
- Each motorcycle is designed for one person, and two or more people are prohibited from sitting together.
- If customers feel uncomfortable during their play, remind them to pause or discontinue their play.
- Remind customers to carefully read the warning labels as well as other reminding descriptions, and operate according to instructions to avoid electric shocks or short circuits, etc.

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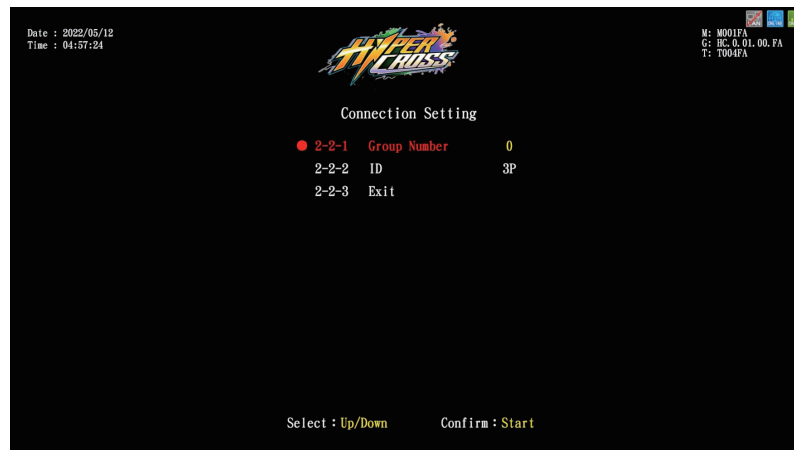
#### **Appendix 3: Air-flow diagram of the cabinet 114**

# Quick Installation

## Connection Setting

You can enter 【Connection Setting】 to set up the group number and ID of the machine.

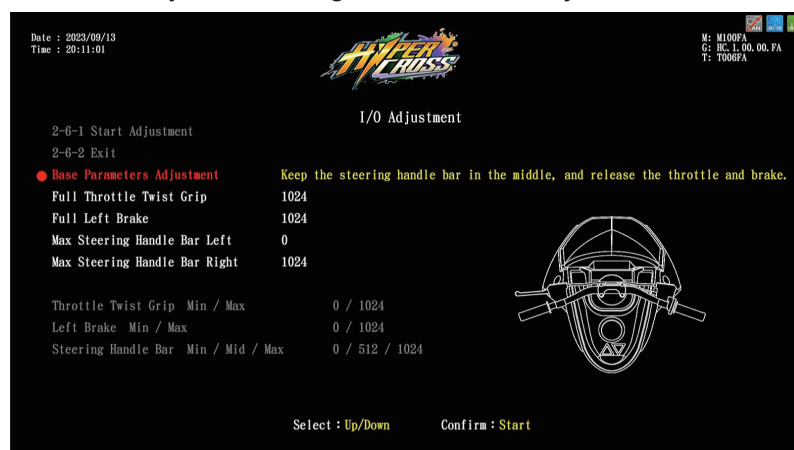
- Enter 【Main Menu】 → 【2 System Setting】 → 【2-2 Connection Setting】 , and appoint all machine in connection into the same group, but provide each machine a different machine ID.



Note: The recommended ID value settings for the machine, from left to right, are: 1P, 2P, 3P, 4P.

## IO Adjustment

- Enter 【Main Menu】 → 【2 System Setting】 → 【2-6 I/O Adjustment】 to run adjustment.



- After selecting 【I/O Adjustment】 , the machine will be adjusted from top to bottom in the Following order:

Keep the steering handle bar in the middle, and release the throttle and brake, full throttle twistgrip, full left brake, max steering handle bar left, and max steering handle bar right.

### Setting Other Related Items

Setting other related items (recommended):

- Enter **【Main Menu】** → **【2 System Setting】** → **【2-1 Time Setting】** , and set the machines to be connected at the same time.
- Enter **【Main Menu】** → **【2 System Setting】** → **【2-3 Country Setting】** and **【2-4 Store Setting】** to set up the location and name of the store.
- Enter **【Main Menu】** → **【3 Game Setting】** → **【3-2 Volume Setting】** , to set up **【3-2-1 Daytime Volume Setting】** and **【3-2-2 Evening Volume Setting】** .

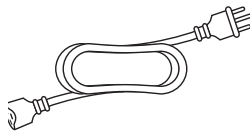
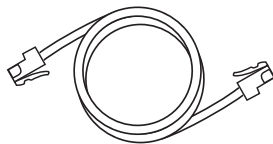

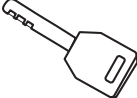
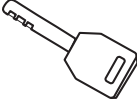



### Important Notes for Staff

- If a player suddenly feels ill during gameplay and needs to stop the game, press and hold the **【Up】** , **【Down】** , and **【Left Brake】** to terminate the game early.
- When the screen's upper- right corner shows the message **【I/O 1-1 error】** or **【I/O 1-2 error】** 、 **【I/O 2 error】** in red letters, please restart the machine. If the error still persists after restarting the machine, please check cable connections or contact us for repairs.

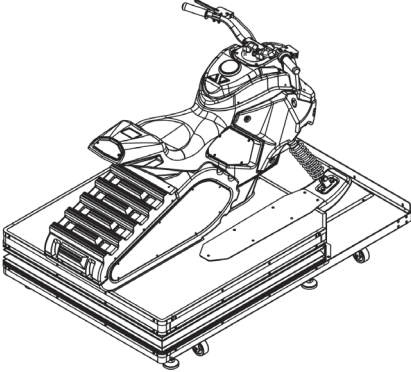
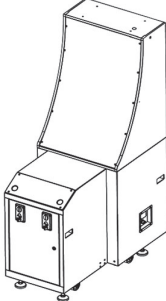
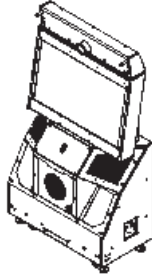
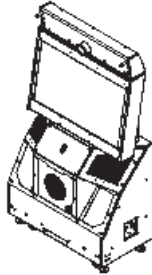
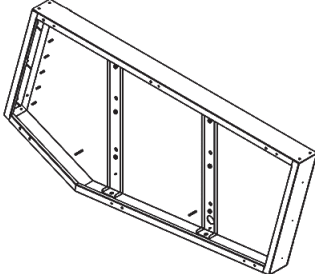
# 1 Introduction of the Cabinet

## 1.1 List of the accessories

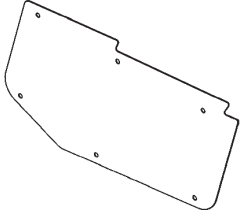
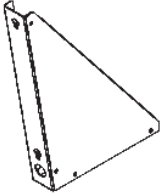



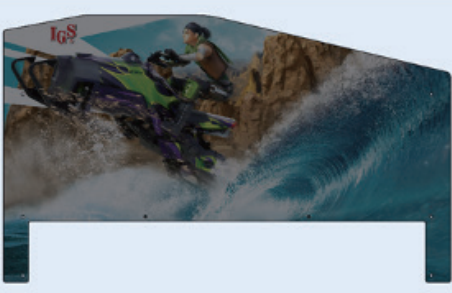
After your purchase of this product, check if the following parts are all included. If any part is missing or damaged, contact your local distributor.

Name of Accessories	Picture	Quantity
Power cord (To conform to local voltage)		3 PCS
AC 110V 3m*2.08 square meters		
AC 220V 3m*1.5 square meters		
Connecting cable		2 PCS
Operator's manual		1 PCS
Key (6008)		3 PCS
Keys (6118)		1 PCS
Allen key (3MM)		1 PCS
Allen key (4MM)		1 PCS
Offset box wrench (4MM)		2PCS


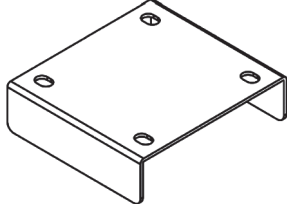
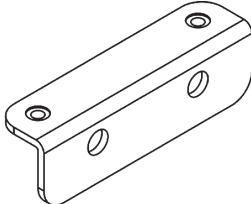
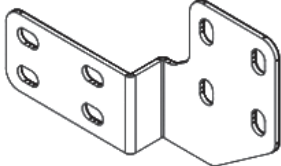
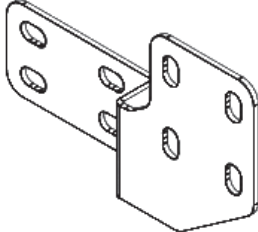
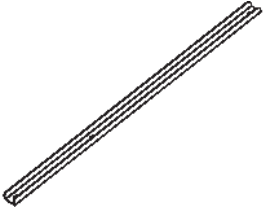
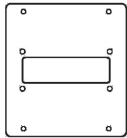
## Introduction of the Cabinet

Name of Accessories	Picture	Quantity
Vehicle body		2 PCS
Coin box		1 PCS
Screen box (left)		1 PCS
Screen box (right)		1 PCS
Machine name light box		1 PCS

## Introduction of the Cabinet

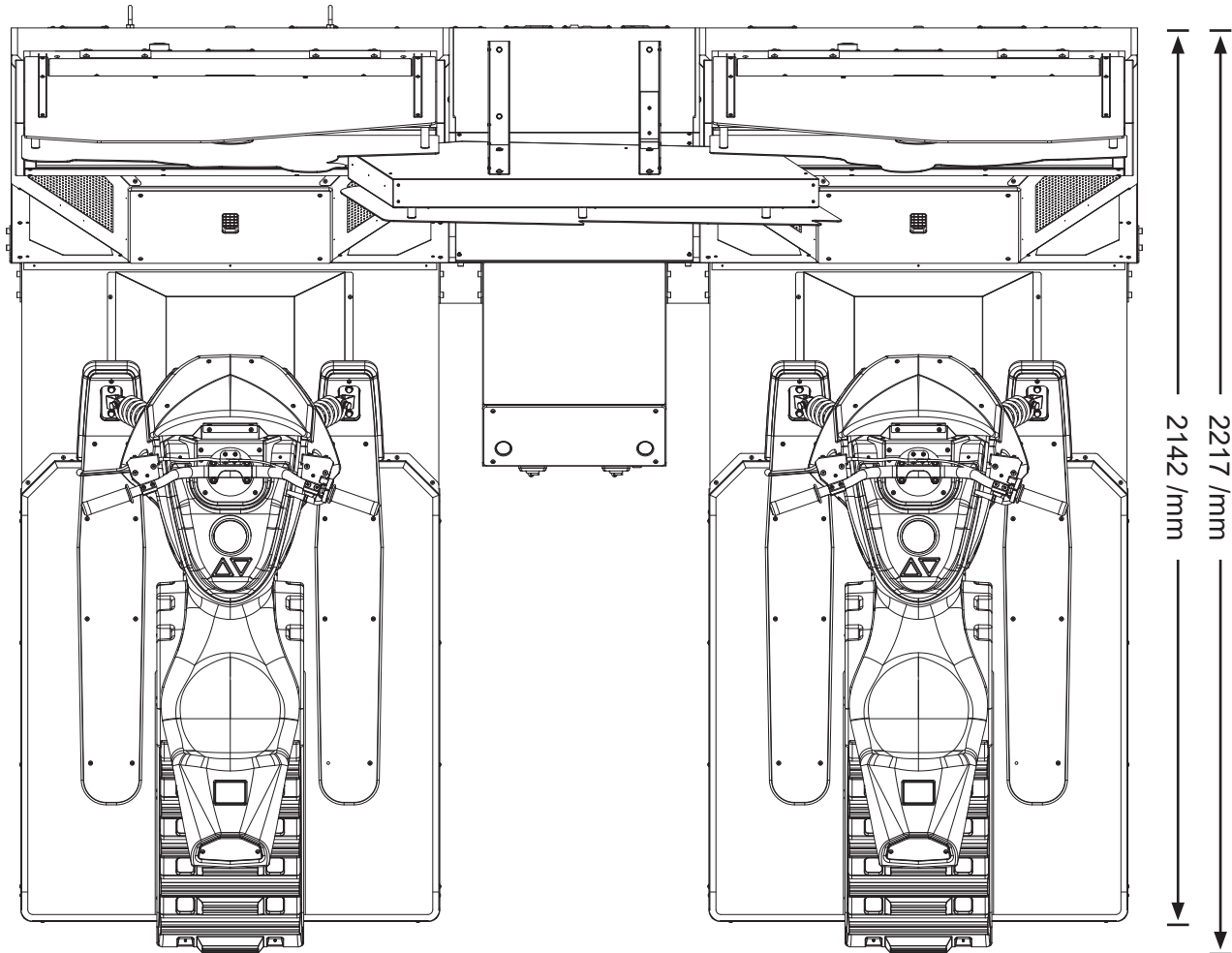
Name of Accessories	Picture	Quantity
Machine name light box		1 PCS
Machine name light box bracket A		1 PCS
Machine name light box bracket B		1 PCS
Camera character acrylic (left)		1 PCS
Camera character acrylic (right)		1 PCS
Upper decorative PVC foam board (left)		1 PCS

## Introduction of the Cabinet

Name of Accessories	Picture	Quantity
Upper decorative PVC foam board (right)		1 PCS
Cabinet connection bracket A cover		2 PCS
Cabinet connection bracket A		4 PCS
Cabinet connection bracket B		1 PCS
Cabinet connection bracket C		1 PCS
PVC foam board Fixed		4 PCS
Card Swipe PLATE		2 PCS

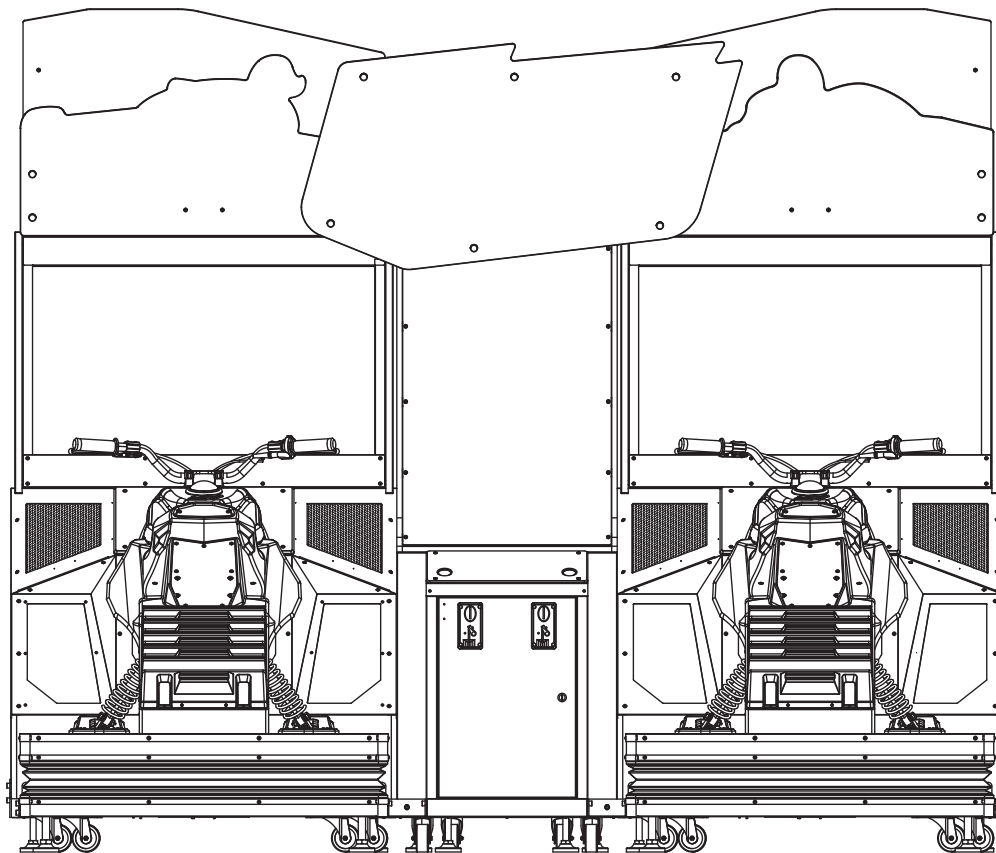
## 1.2 An Overview of the Cabinet

■ Viewed from the top, front and side

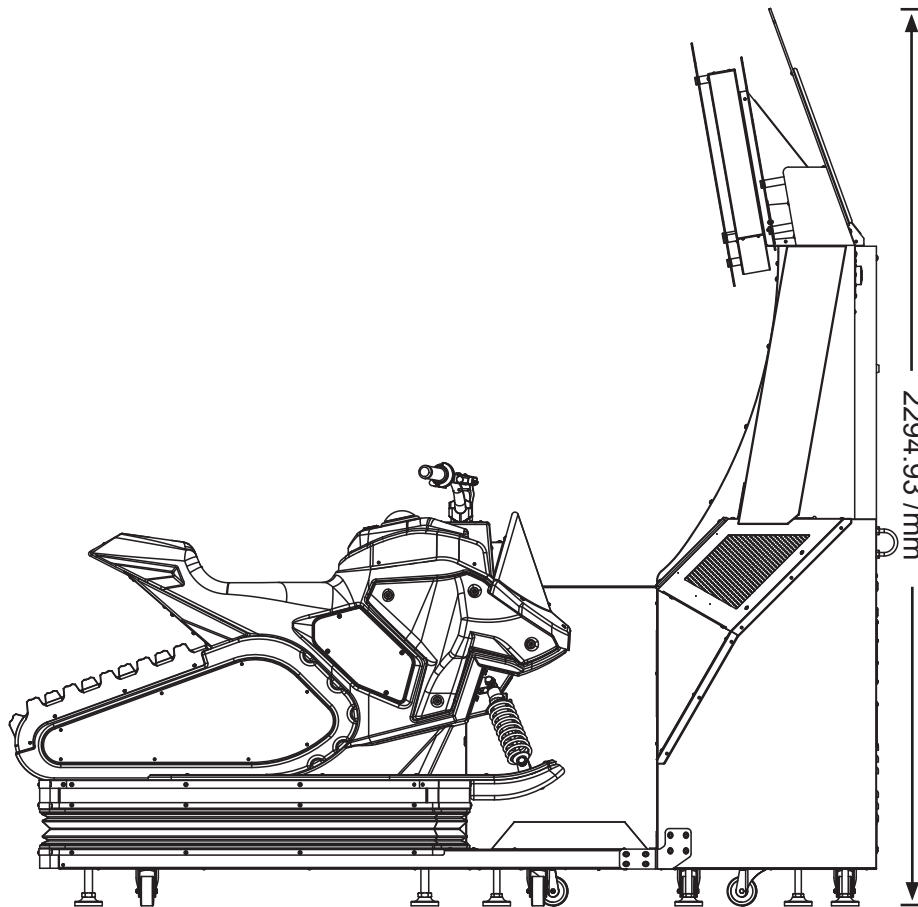


## Introduction of the Cabinet

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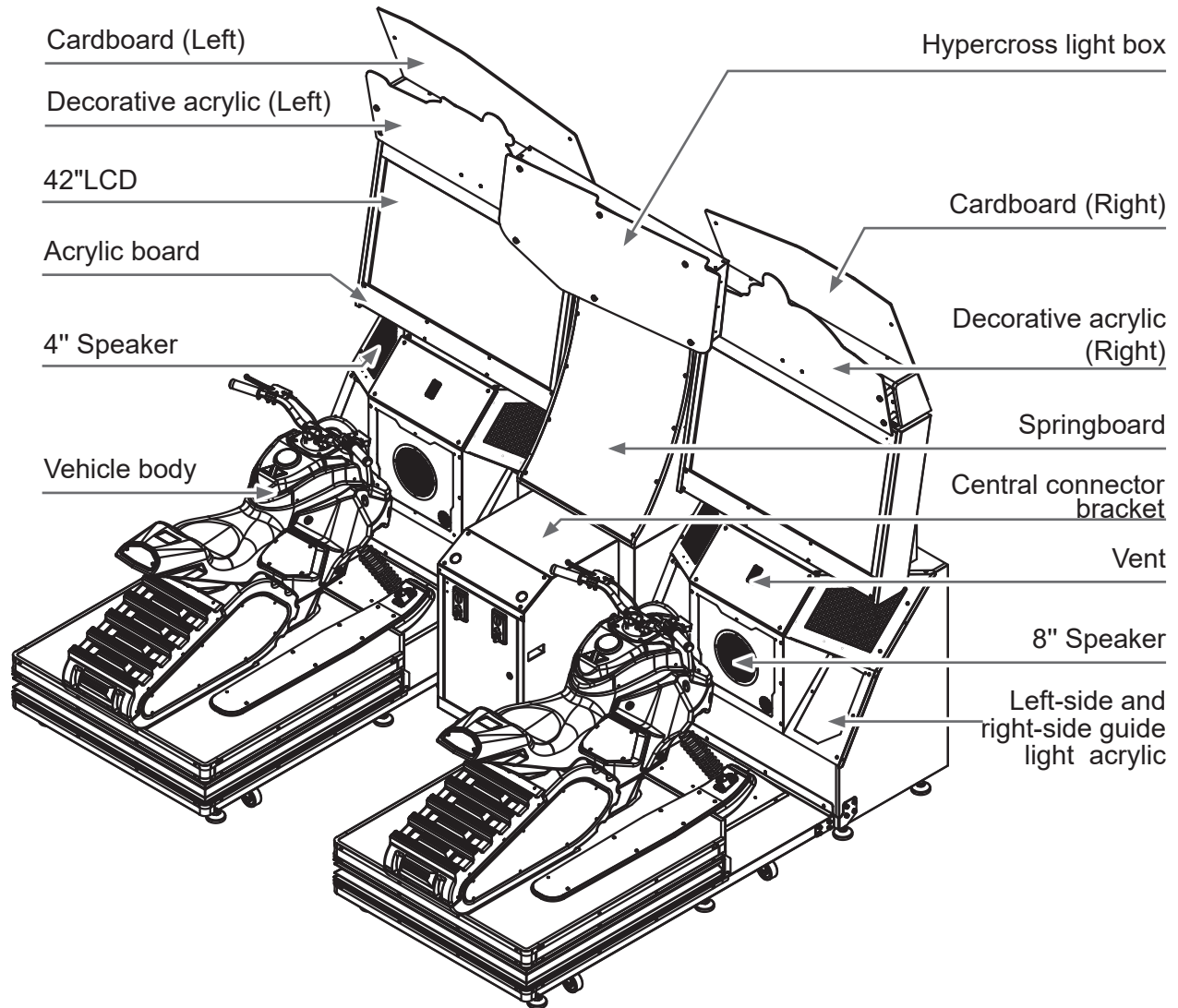
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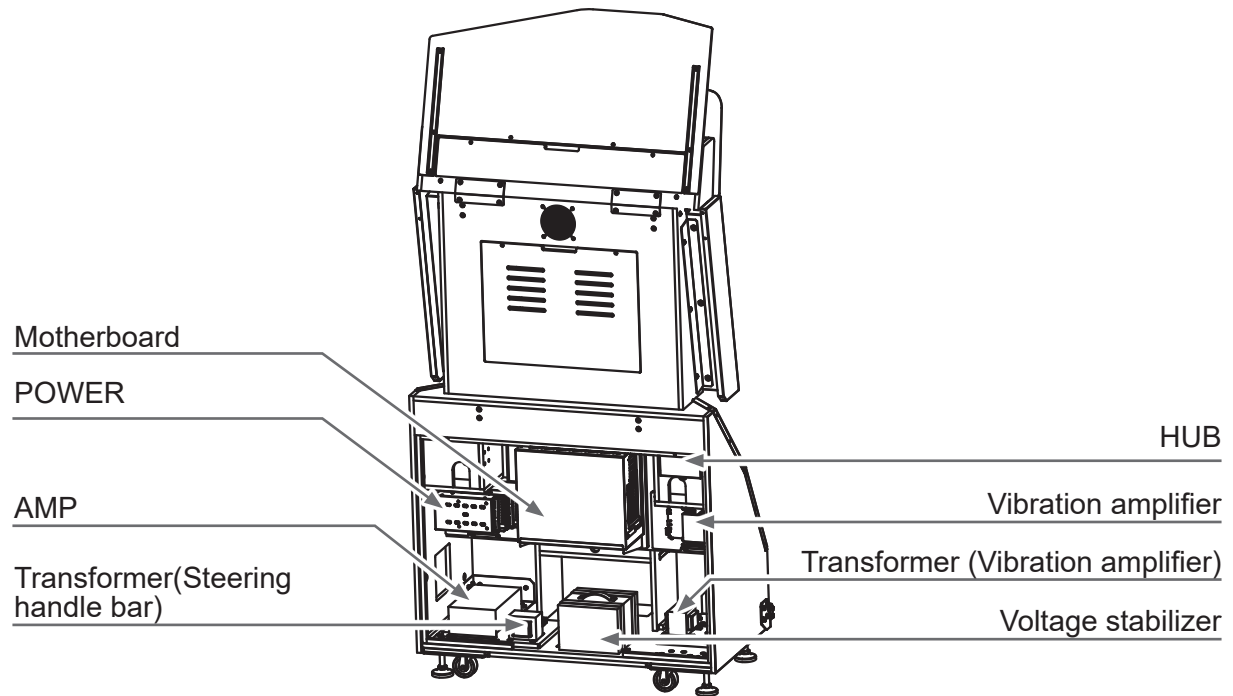
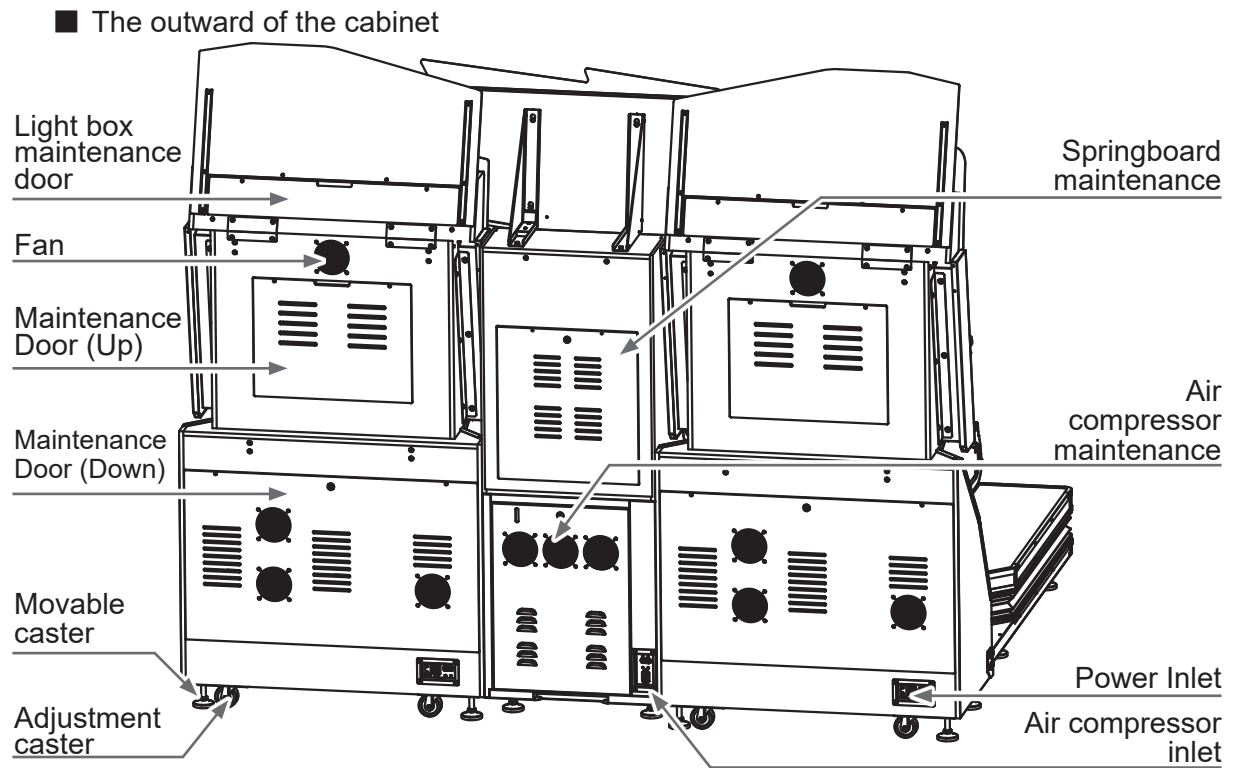
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### 1.3 Name of the Parts

■ The outward of the cabinet

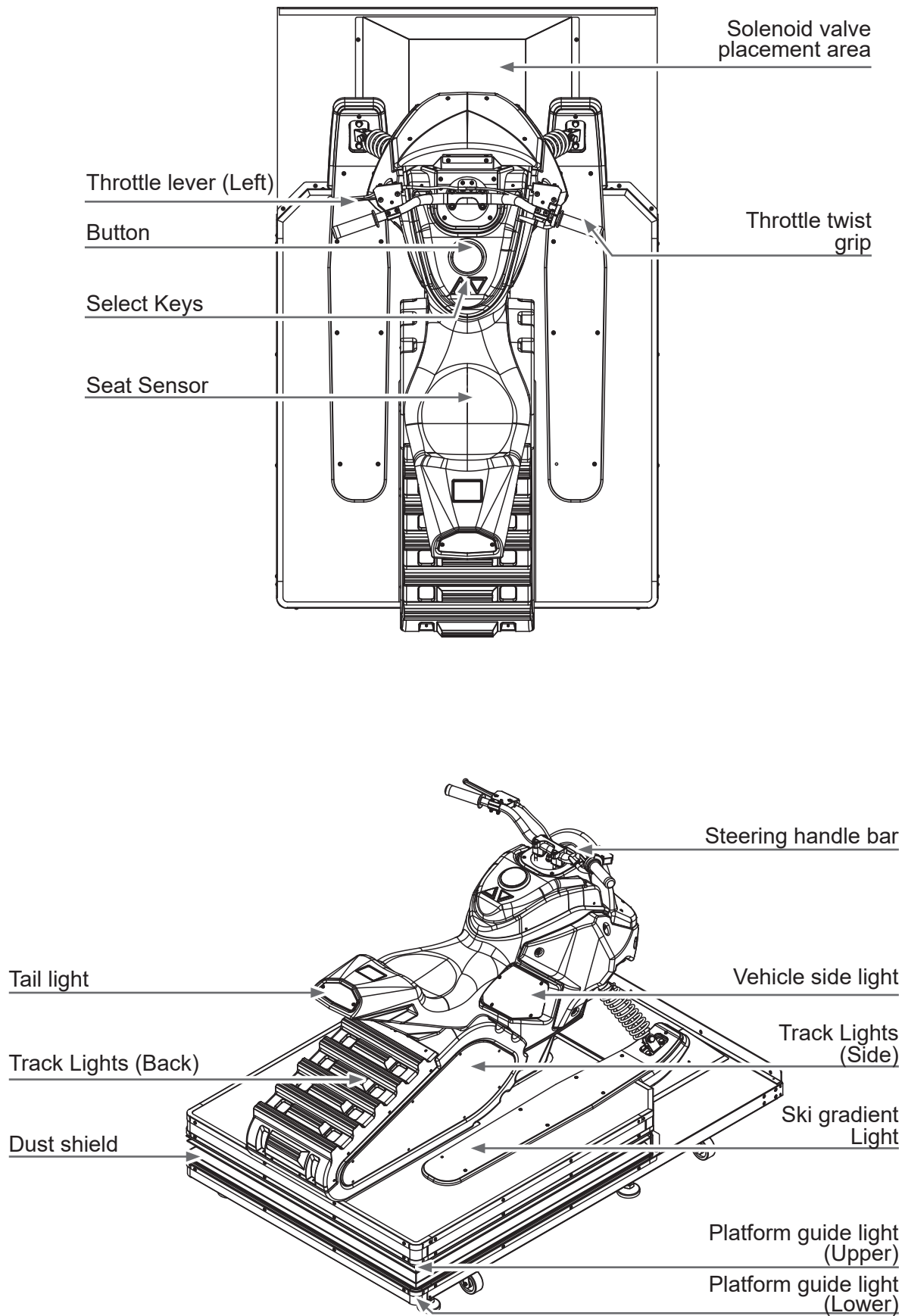


# Introduction of the Cabinet



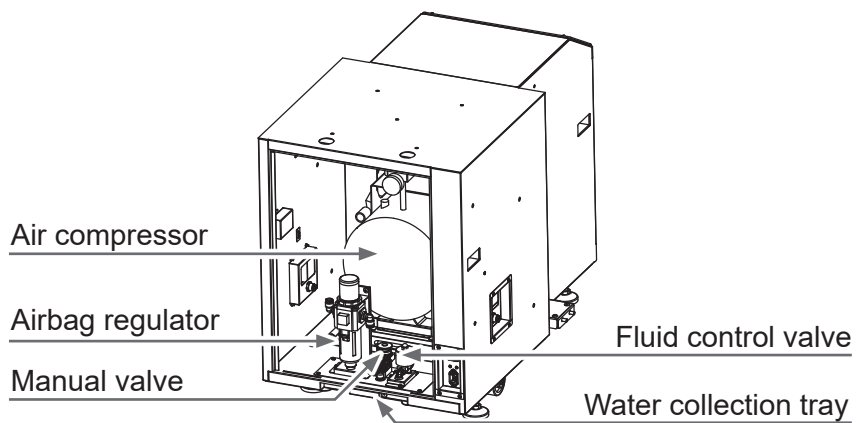
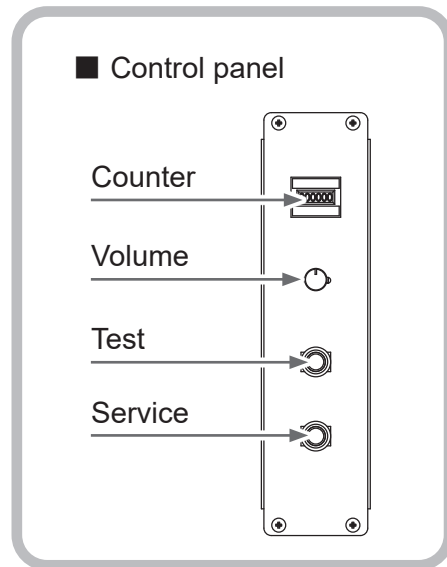
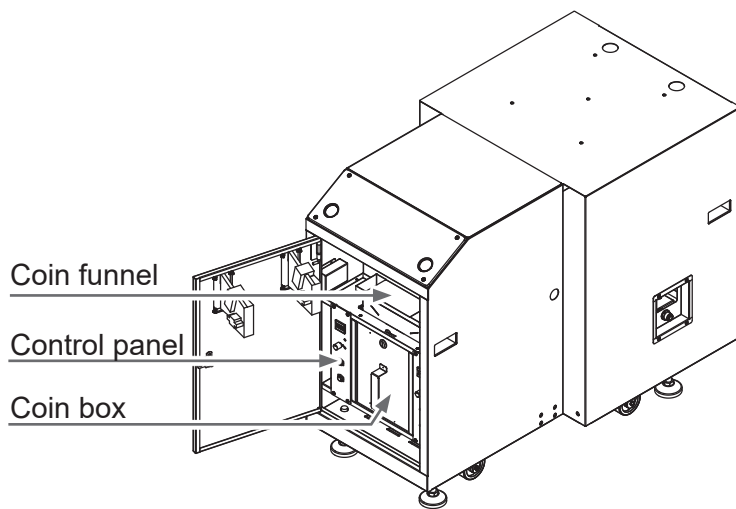
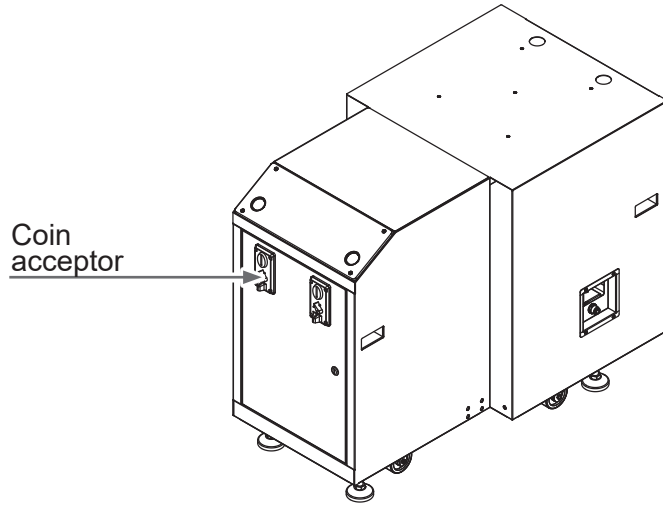
## Introduction of the Cabinet

### ■ The outward of the cabinet



# Introduction of the Cabinet

## ■ The outward of the cabinet



## 1.4 Specification of the Cabinet

Category	Item	Specification
Concrete item	Size of the cabinet	(W)2710mmX (D)2220mmX (H)2300mm
	Weight	930KG
Power	Power	AC110V/220V(To conform to local voltage)
	Standby Power	1P Cabinet: 430W 2P Cabinet: 430W Air Compressor: 330W
	Maximum Power	1P Cabinet: 830W 2P Cabinet: 830W Air Compressor: 1846W
Main cabinet	Platform	S5000
	Power amplifier	full-range 4.1 AMP
Button and control	Steer Handle Bar	non-contacting Sensor, motor
	throttle	non-contacting Sensor
	break	non-contacting Sensor
	Game panel	Up, Down, BOOST, Motion Stop
	Control panel	Test, Service, Volume, Counter
Lights	board Panel lights	White light bar(casing)
	Machine name lights	White light bar(casing)
	Connection bracket lights	RGB light bar (6803 IC marquee light)
	Screen lower edge lights	RGB light bar (6803 IC marquee light)
	vent lights	RGB light bar (6803 IC marquee light)
	Middle guide light panel	RGB light panel (gradient light)
	Left and right guide light panel	RGB light bar (6803 IC marquee light)
	Side Lights	RGB light bar (Gradient light)
	Tail light	RGB light bar (Gradient light)
	Track side cover lights	RGB light bar (Gradient light)
	Ski light	RGB light bar (Gradient light)
	Track upper cover lights	RGB light bar (6803 IC marquee light)
	Platform side lights	RGB light bar (6803 IC marquee light)
	Lower edge of platform lights	Constant Light Bar (1P:Red、 2P:Blue)

## Introduction of the Cabinet

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Category	Item	Specification
Fan	Power	AC 110V~220V
Helicoid Fan	Power	DC12V
Screen	Type	LCD
	Size	42 inches
	Power	AC110V/220V (To conform to local voltage)
Speaker	Size/Resistance/Power	High and mid-range Speaker 4 inches 4Ω 25W
		Bass Speaker 8 inches 4Ω 60W
Air Compressor	Power	AC110V/220V (To conform to local voltage)
Environment	Operating temperature	0°C ~ 40°C
	Storing temperature	-10°C ~ 80°C
	Relative moisture	<85% non-coagulation status

# 2 Machine Installation

## 2.1 Transporting or Moving the Cabinet

After your purchase of this product, first move the cabinet to the location for installation and then connect the wires. When you transport, move and choose where to install, make sure the following guidelines are followed:



CAUTION

### Reminders for Transporting

- When transporting this product with a forklift, make sure you exert the point of application to avoid accidents or damages to the cabinets.
- When transporting this product with vehicles, fasten the casters, but do not use a leg leveler as to avoid damages to the cabinets.
- The LCD monitor of the cabinet is fragile, so avoid fierce vibrations or being hit by strong forces.



CAUTION

### Reminders for Moving

- Before moving the cabinet, unplug the electric cord to avoid accidents.
- When moving this product, be aware of the obstacles and the surface of the ground to avoid accidents and damages to the cabinet.
- When moving this product, at least two personnel should work together so as to avoid accidents or injuries.

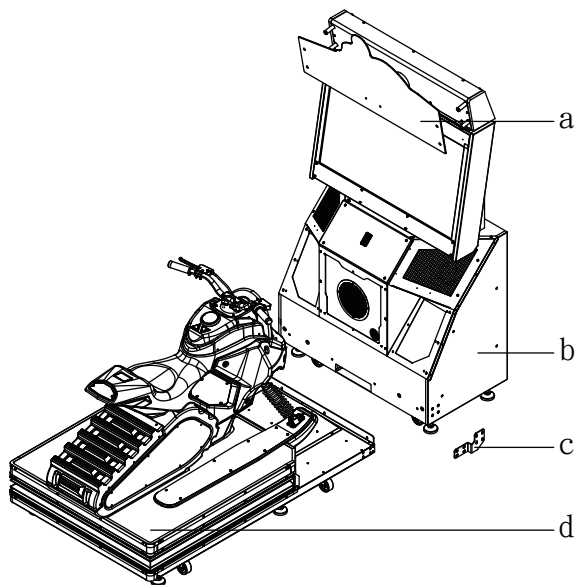


CAUTION

### Reminders for Installation

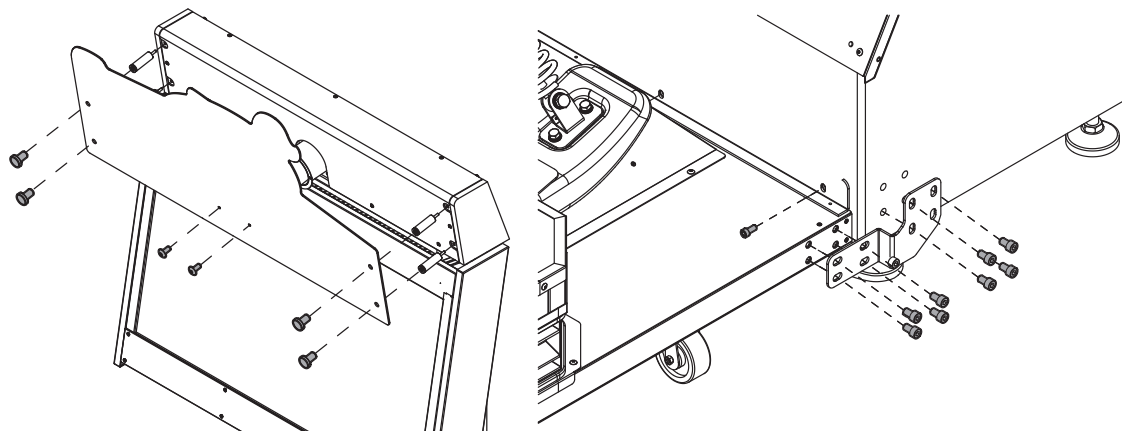
- This product should be placed indoors. Do not place it outdoors, or the following locations:
  - Places under direct sunlight, are leaking, damp and of high temperature.
  - Around inflammable, volatile and dangerous objects .
  - Places with uneven, unstable surface or frequent vibration.
  - Around the exit or public facilities such as fire extinguisher
- The vent located in the bottom of this product is for the cabinet and monitor to emit warm air, and do not place any item close to the vent, or malfunction might occur. Furthermore, there is no vent on the monitor.
- The cabinet should stay away from the walls, other cabinets and passageway for at least 30 cm.

## 2.2 Disassembly and Reassembly Diagram for Transport



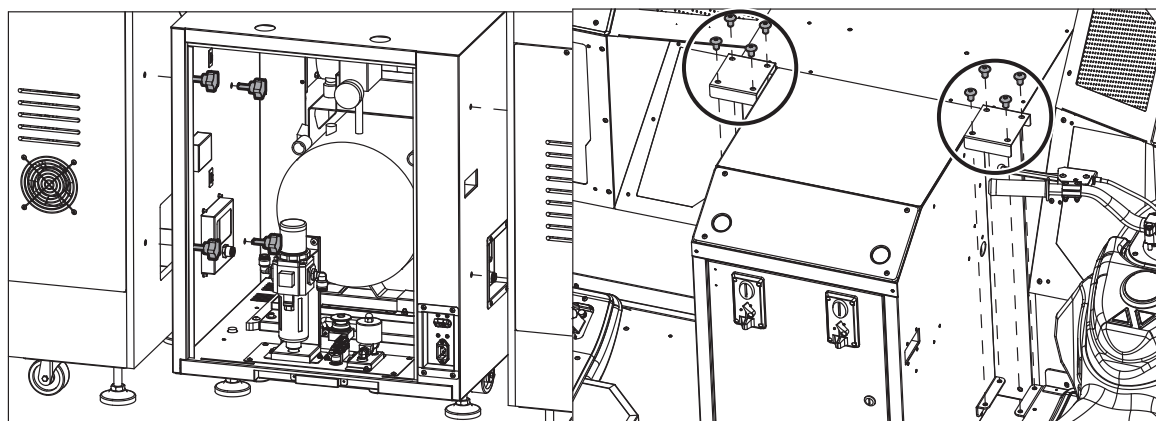
1. According to the diagram, assemble the vehicle body and the screen box. (1P and 2P cabinet can be assembled in the same way.)

- a. decorative acrylic
- b. screen box
- c. fixing hardware
- d. vehicle body



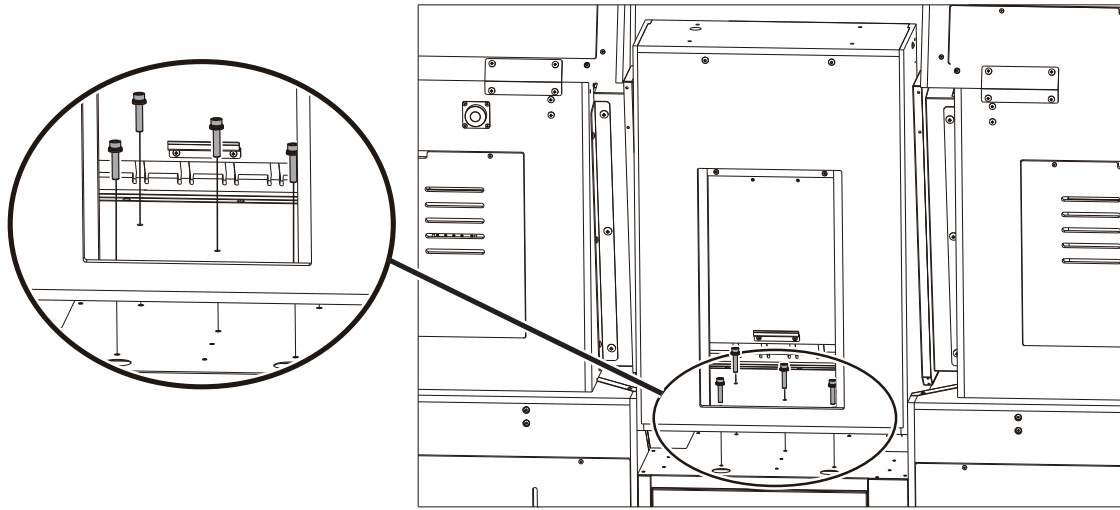
About the decorative acrylic:  
Install the decorative acrylic on the cabinet according to the diagram.

About the fixing hardware:  
When the vehicle body and the screen box are assembled, secure the screws according to the diagram.

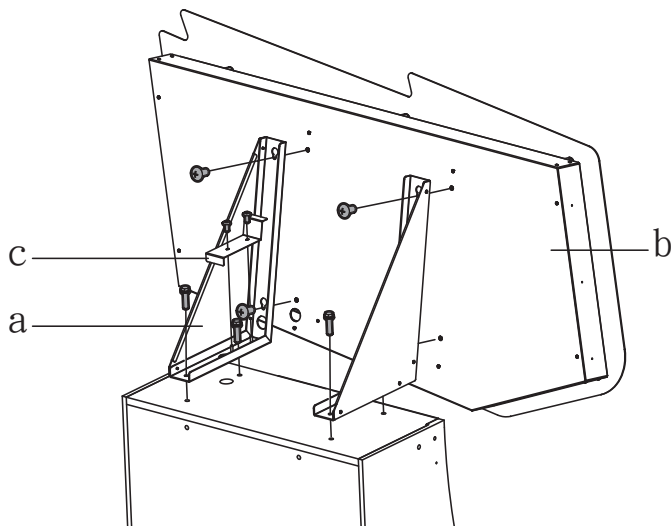


2. Move the 1P and 2P cabinets up against the central connector stand, and then secure with screws from the inner side. (both sides can be secured with the same method)

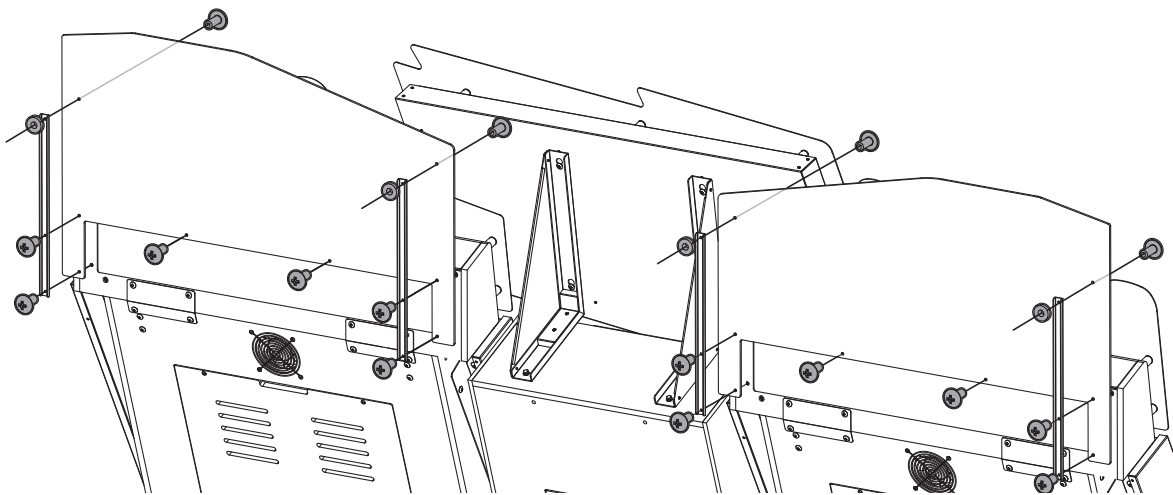
3. Connect the 2 vehicle bodies to the coin box, and secure with the fixing hardware.



4. Install the springboard to central connector bracket according to the diagram.



5. Install the machine name light box to the springboard according to the diagram.  
a. light box bracket  
b. light box  
c. wire cover



6. Secure the PVC board and the fixing bracket on the cabinet.

# Machine Installation

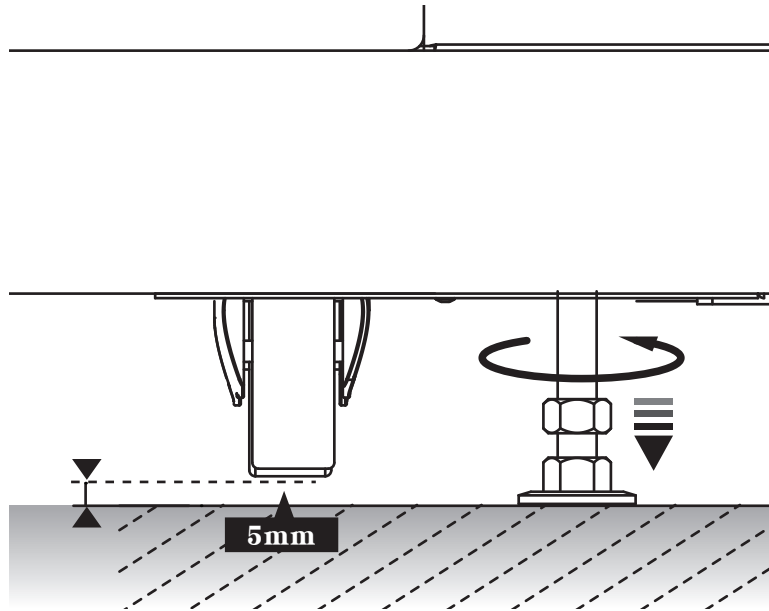
screen 1P	coin box part		screen 2P
5557-10P tag:pic14(1)/ coin box connector	5559-10P tag:pic14(2)/ coin box connector1P	5559-10P tag:pic14(3)/ coin box connector2P	5557-10P tag:pic14(1)/ coin box connector
YL-6P-P tag:pic13(1)/volume board connector	YL-6P-R tag:pic13(3)/volume board connector	YL-6P-R tag:pic13(3)/volume board connector	YL-6P-P tag:pic13(2)/volume board connector
blue 5557-4P tag:pic15(1)/light box connector1P	blue 5559-4P tag:pic42(1)/light power connector1P	blue 5559-4P tag:pic42(2)/light power connector2P	blue 5557-4P tag:pic15(2)/light box connector2P
5557-6P tag:pic14(1)/ coin box control	5559-6P tag:pic43(1)/1P power control	5559-6P tag:pic43(2)/2P power control	5557-6P tag:pic14(1)/ coin box control

tag:pic16(21) OL board connector A-1P	tag:pic12(11)/ light control board connector 1P	tag:pic16(6)/ OLboard connector B-1P	tag:pic11(1)/ IO board power	tag:pic8(1)/ blue 10V- yellow70V	tag:pic27(11) vibrator connector 1P	tag:pic14(1) coin box connector	<b>screen 1P</b>
5559-16P	5559-12P red	5559-10P	5559-8P blue	VL-4P-R	YL-9P-R	YL-15P-R	
5557-16P	5557-12P red	5557-10P	5557-8P blue	VL-4P-P red	YL-9P-P red	YL-15P-P red	
tag:pic16(1)/ OL board connector A	tag:pic12(2)/ light control board connector	tag:pic16(1)/ OL board connector B	tag:pic11(2)/ LP-OL-power	tag:pic8(2)/ blue 10V- yellow70V	tag:pic27(2) vibrator connector	tag:pic30(1) coin box connector	<b>vehicle body 1P</b>

tag:pic16(22)/ OL board connector A-2P	tag:pic12(12)/ light control board connector 2P	tag:pic16(6)/ OL board connector B-2P	tag:pic11(1)/ IO board power	tag:pic8(1)/ blue 10V- yellow70V	tag:pic27(12) vibrator connector 2P	tag:pic14(1) coin box connector	<b>screen 2P</b>
5559-16P	5559-12P red	5559-10P	5559-8P blue	VL-4P-R	YL-9P-R	YL-15P-R	
5557-16P	5557-12P red	5557-10P	5557-8P blue	VL-4P-P blue	YL-9P-P blue	YL-15P-P blue	
tag:pic16(1)/ OL board connector A	tag:pic12(2)/ light control board connector	tag:pic16(1)/ OL board connector B	tag:pic11(2)/ LP-OL-power	tag:pic8(2)/ blue 10V- yellow70V	tag:pic27(2) vibrator connector	tag:pic30(1) coin box connector	<b>vehicle body 2P</b>

## 2.3 Fastening the Cabinet

Fasten the cabinet with the leg leveler:  
Counterclockwise turn the leg leveler till a distance of at least 5mm is kept between the  
caster and the floor.



# 3 Game Description

## 3.1 Game Introduction

Hypercross is a racing arcade game. By using motion platform, fans, vibration, and the force feedback system, the game simulates racing actions, such as collisions, turning, and accelerating, and thus providing players with vivid snowmobiling experiences.

Players will ride on snowmobiles and travel over all kinds of terrain, such as water, sand, snow. Through continuing playing, players can upgrade the snowmobiles and earn new outfits.

## 3.2 How to Play

### Basic Operation:

- Turn the steering handle bar to turn.
- Twist the throttle twistgrip to accelerate.
- Press left brake to drift.

### Nitrogen System :

- Press on the [Start] button to use Nitrogen and speed up for a short time.
- The amount of Nitrogen in the Nitrogen bar will increase when the vehicle is up in the air or is drifting. When the Nitrogen bar is full, the player will get a Nitrogen bottle.
- Player can keep 3 Nitrogen bottles at most.

## 3.3 How to Upgrade

Whenever players continue to play the game, the vehicle can be upgraded, the instructions are as follows:



- On the page of upgrade, turning steering handle bar to select a section to upgrade.
- Upgrade sections:
  - Top Speed: Increase maximum speed.
  - Twist the throttle twistgrip to accelerate.
  - Handling: Make turns easier.
  - Boost: Increase boost speed.
- When a section is upgraded to the maximum, the word **【MAX】** will show up, suggesting the section can no longer be upgraded .
- Press the **【Start】** button to confirm the upgrade.
- After continuing playing for 10 times, the vehicle will be upgraded to maximum level.

### ■ Instructions Of The Control Buttons

#### ■ Steering Handle Bar

Control the turning of the snowmobile

#### ■ Up · Down

Select and control fan speed



#### ■ Left Steering Handle Lever (Brake)

Control the speed of the snowmobile

#### ■ Start

Conform and use boost

# Game Description

## 3.4 Instruction of the Game Display

Game Version Number will appear on this page

Connection Setting



ID of the machine

Coin(s)

Rank

Total Time



Nitrogen

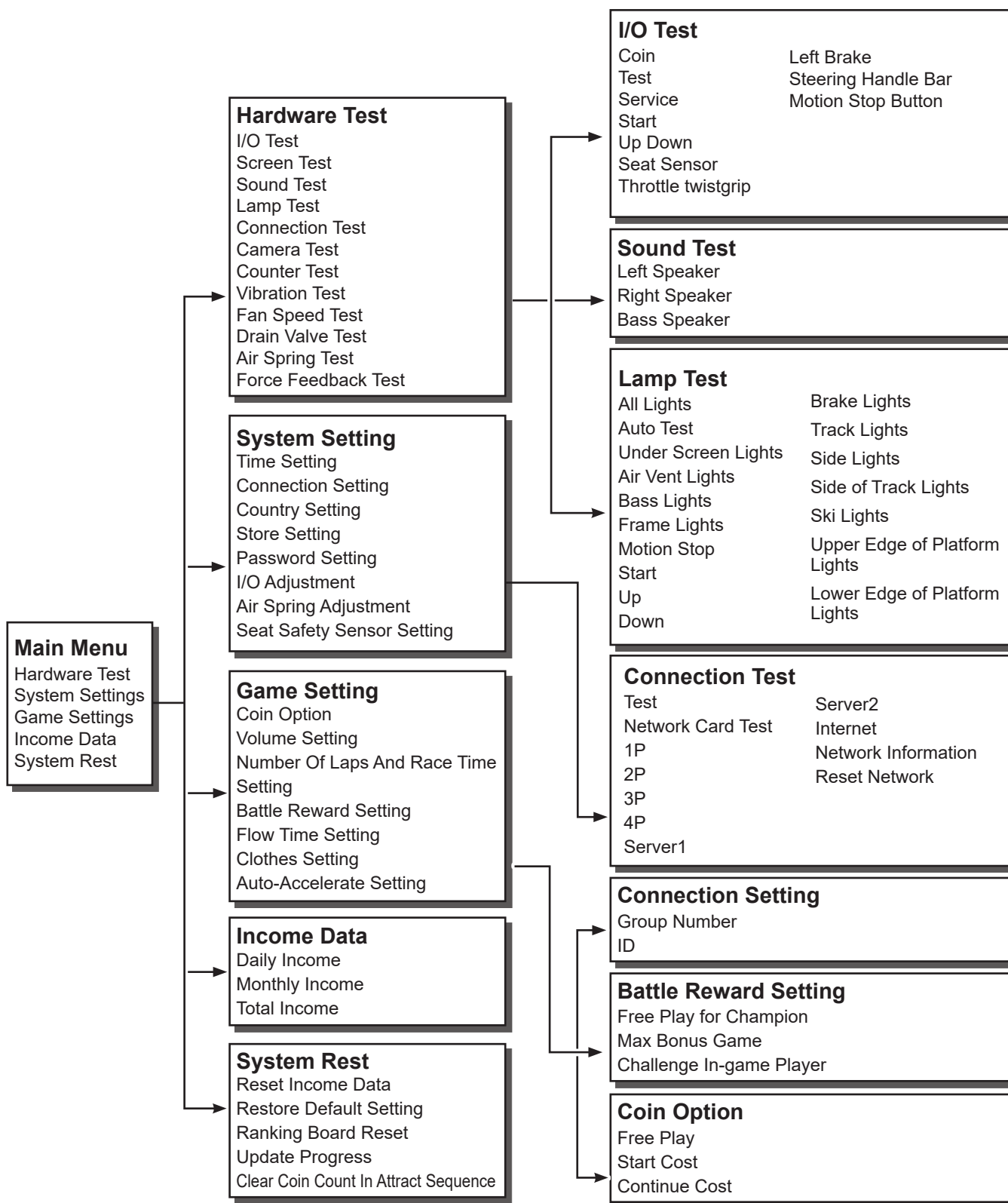
Distance Left

RPM / KPH

Coin(s)

# 4. Using the Operator Settings

## 4.1 Menu Structure

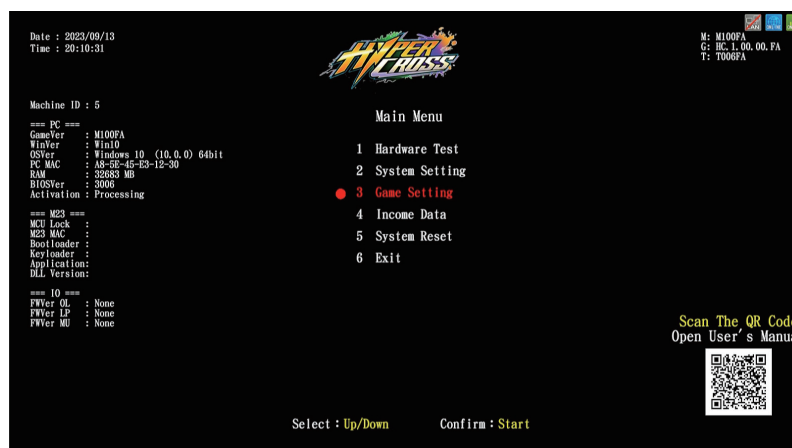


## Using the Operator Settings

### 4.2 Main Menu Operation

In the menu, follow the steps below to navigate:

- Use the **[Up]** and the **[Down]** button to select the options, the currently selected option is marked in red.
- Press the **[Start]** button to confirm the selection or enter the sub-menu.
- After completing the setting or testing, return to Main Menu and select **[6 Exit]**, then press the **[Start]** button to return to the game screen.

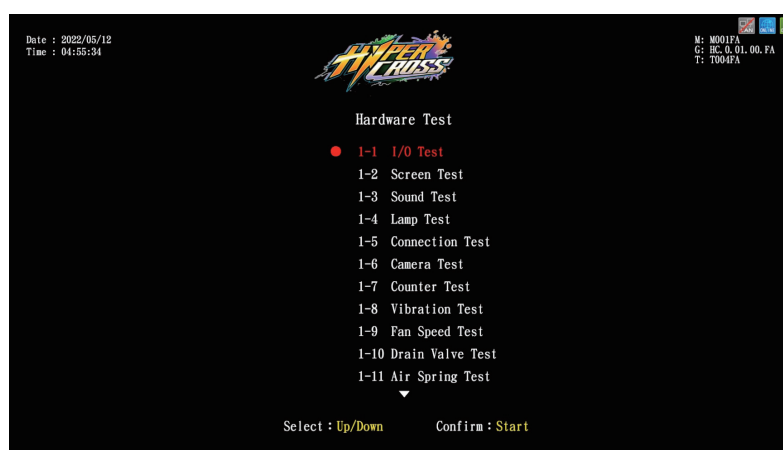


When warning messages appear as **[Caution !! Process <I/O Adjustment> <Air Spring Adjustment> <Country Setting> <Store Setting>]** Please process the following settings before exiting Main Menu.

### 4.3 Hardware Test

You can enter **[Hardware Test]** to test if all hardware is functioning normally or not.

- Enter **[Main Menu]** → **[1 Hardware Test]** and the screen will display as below:



- Use the **[Up]** and **[Down]** button to move the cursor and press the **[Start]** button to enter the sub menu.
- After finishing the tests, move the cursor to **[1-13 Exit]**, then press the **[Start]** button to leave this page and return to the **[Main Menu]**.
- Regarding detailed descriptions of the sub menu in **[Hardware Test]**, refer to the contents below.

## 4.3.1 I/O Test

- On the page of **【I/O Test】** , you can run the testing of specific application to see if it is functioning normally or not.
- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-1 I/O Test】** , and the screen will display as below:



- After you enter the page of **【I/O Test】** , you can run the testing of a specific application as explained in the chart below:

Application	Testing method	Result
Coin	Inset coins	When you insert a coin, the amount of "Coin" will increase by1.
Test	Press the button	"White" becomes "Red".
Service	Press the button	"White" becomes "Red".
Start/Boost	Press the button	"White" becomes "Red".
Up	Press the button	"White" becomes "Red".
Down	Press the button	"White" becomes "Red".
Seat Sensor 1/2	Sit on the seat	"White" becomes "Red".
Throttle twistgrip	Twist throttle twistgrip	When totally released, the value is 0. When twist to the limit, the value will be 1.
Left Brake	Press left brake	When released, the value will be 0, when press to its limit, the value will be 1.
Steering Handle Bar	Turn the steering handle bar to its limit	When turning all the way to the left, the value will be -1. When turning all the way to the right, the value will be 1. When staying right in the center, the value will be 0.
Motion Stop Button	Press the button	"White" becomes "Red".

- After the testing is completed, press the **【Start】** button and the **【Down】** button to leave this page, and return to **【Hardware Test】** .



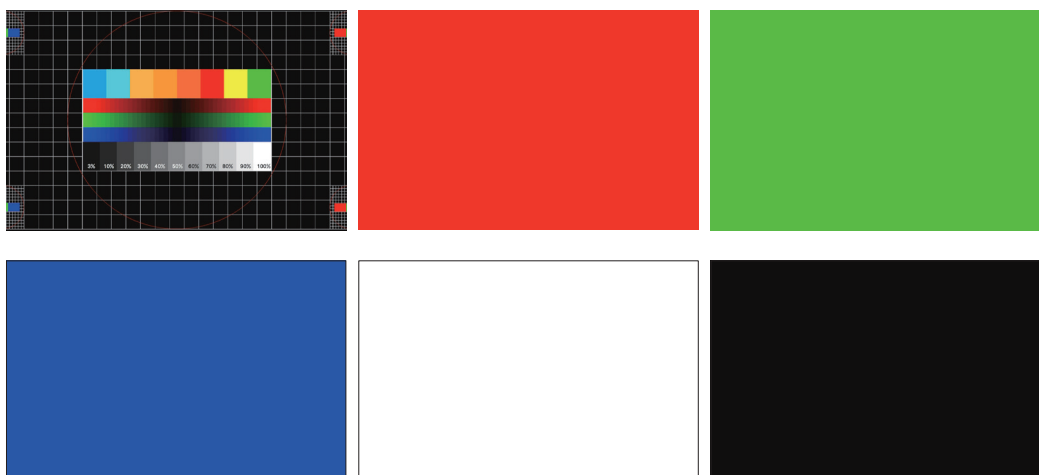
If the value of the throttle twistgrip, brake, or steering handle bar is abnormal, enter **【2-6 I/O Adjustment】** to make adjustments.

## Using the Operator Settings

### 4.3.2 Screen Test

On the page of **【Screen Test】** , you can test whether the white balance, color level, and lattice are functioning normally or not.

- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-2 Screen Test】** .
- After entering **【Screen Test】** , the system will then process the testing, and the following six pictures will be displayed for you to adjust the white balance, color level, and lattice.

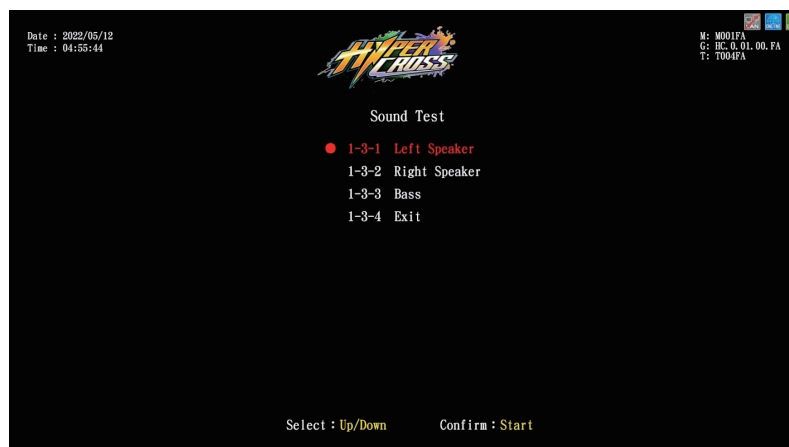


- On the page of **【Screen Test】** , press the **【Start】** button to change the displayed picture. After the testing is completed, press the **【Start】** button to return to **【Hardware Test】** .

### 4.3.3 Sound Test

On the page of **【Sound Test】** , you can run the testing of specific application to see if it is functioning normally or not.

- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-3 Sound Test】** , and the screen will display as below:

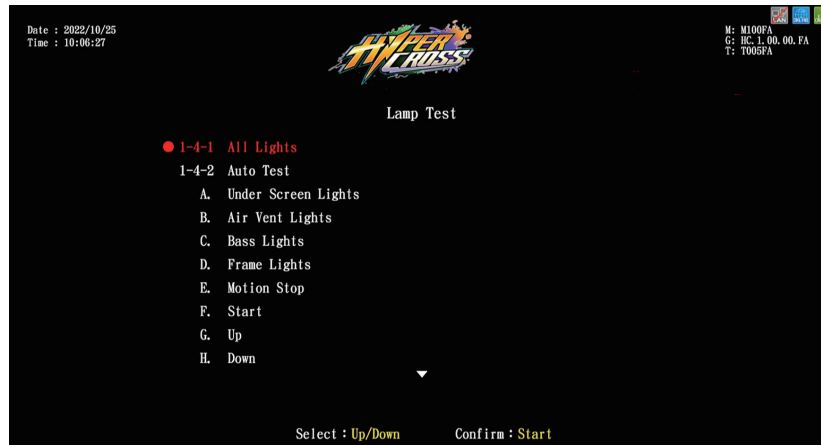


- Move the cursor, and select the soundtrack to be tested, then press the **【Start】** button to start the testing.
- The soundtrack being tested will keep producing a certain sound. Press the **【Start】** button to stop the sound.
- After the testing is completed, move the cursor to **【1-3-4 Exit】** , and press the **【Start】** button to return to **【Hardware Test】** .

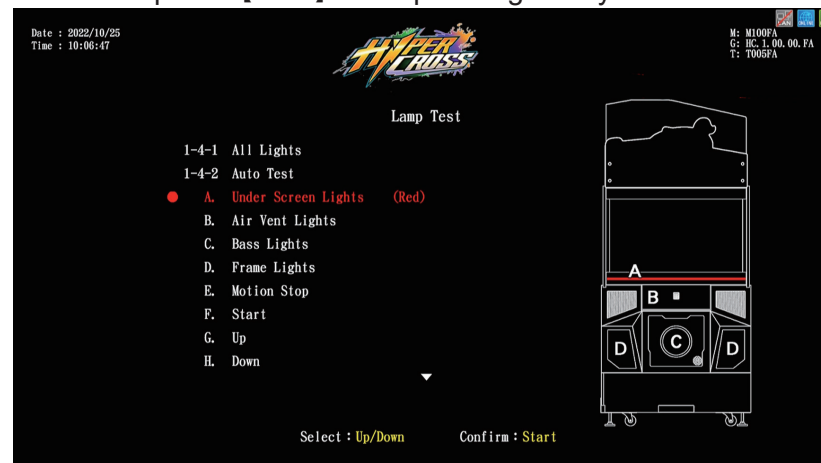
## 4.3.4 Lamp Test

On the page of **【Lamp Test】** , you can test if each light is functioning normally or not.

- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-4 Lamp Test】** , and the screen will display as below:



- Use the **【Up】** button and **【Down】** button to move the cursor, then press the **【Start】** button to run testing.
- **All Lights:** all the lights will lighten up for 5 seconds in white light, and then in ticker display for 5 seconds. The lights will keep switching in these 2 phases until you press **【start】** to stop testing.
- **Auto Test:** based on the picture below, the lights will be tested according to their serial numbers. You can press **【start】** to stop testing at any moment.



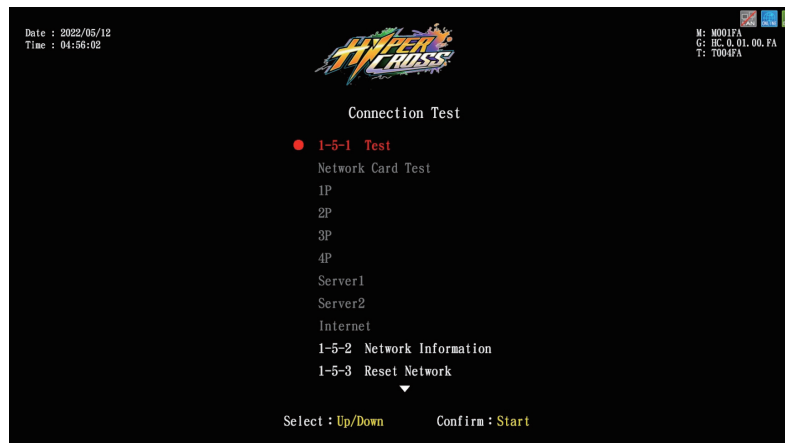
- **Manual Test:** Select a type of light to be tested, from option A to option Z.
- You can press the **【start】** button to stop testing at any moment.
- After the testing is completed, move the cursor to **【1-4-3 Exit】** , and press the **【Start】** button to return to **【Hardware Test】** .

## Using the Operator Settings

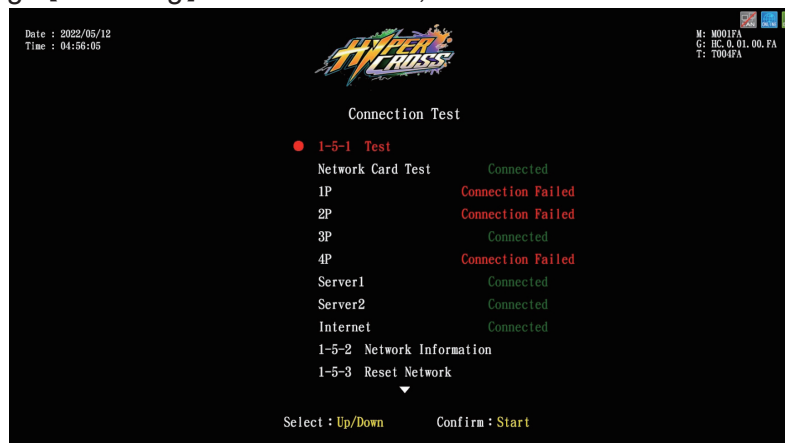
### 4.3.5 Connection Test

On the page of **【Connection Test】**, you can test whether the connection functions normally.

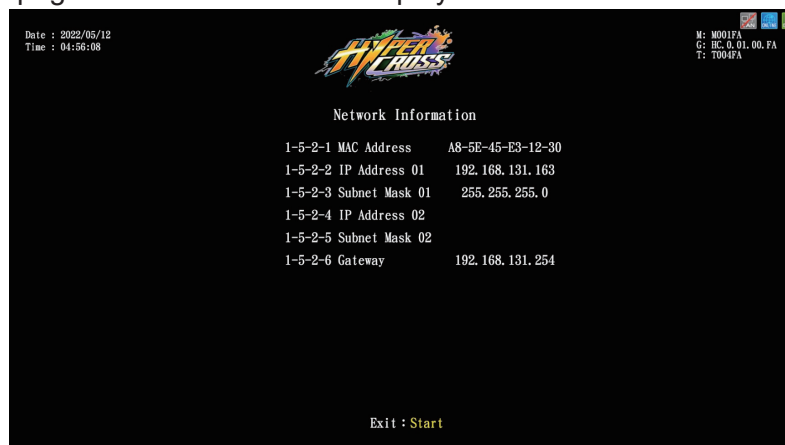
- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-5 Connection Test】**, and the screen will display as below:



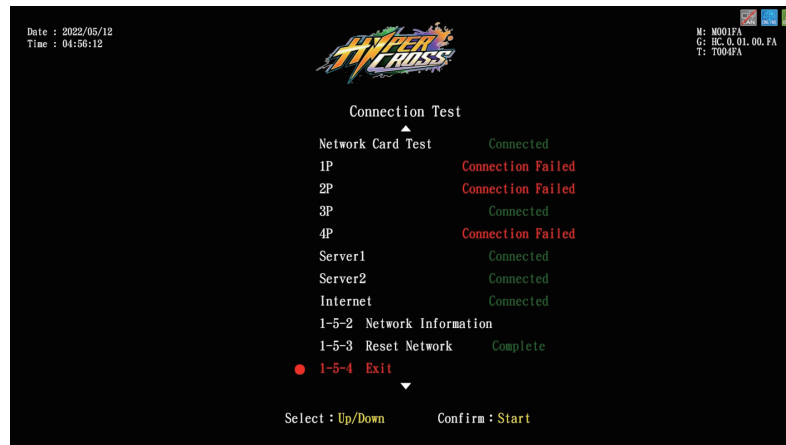
- Move the cursor to **【1-5-1 Test】**, and press the **【Start】** button to start testing. After displaying **【Checking】** for few seconds, the results will be shown.



- Move the cursor to **【1-5-2 Network Information】**, and press the **【Start】** button to enter the page. The information will display as below:



- Move the cursor to **【1-5-3 Reset Network】**, and press the **【Start】** button to reset network. After displaying **【Checking】** for few seconds, the results will be shown.

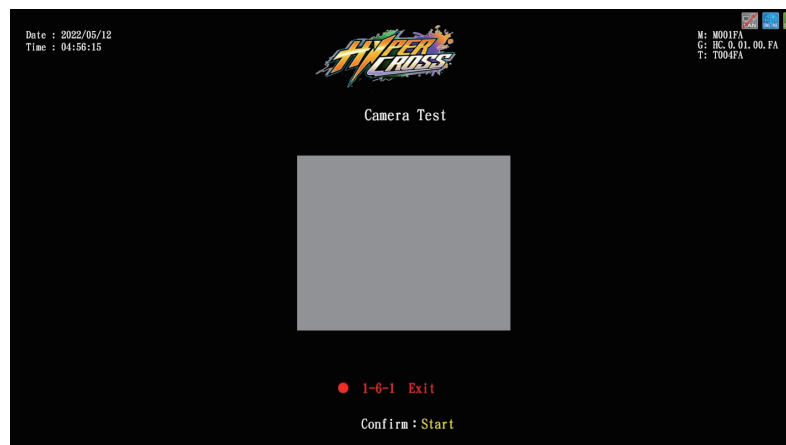


- After the testing is completed, move the cursor to **[1-5-4 Exit]** , and press the **[Start]** button to return to **[Hardware Test]** .

### 4.3.6 Camera Test

On the page of **[Camera Test]** , you can test if the camera functions normally.

- Enter **[Main Menu]** → **[1 Hardware Test]** → **[1-6 Camera Test]** , and the screen will display as below:



- After you enter the page of **[Camera test]** the view from the camera will be displayed in the center of the screen.
- After the testing is completed, press the **[Start]** button to return to **[Hardware Test]** .

## Using the Operator Settings

### 4.3.7 Counter Test

On the page of **【Counter Test】** , you can test whether the counter is functioning normally or not.

- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-7 Counter Test】** , and the screen will display as below:



- After you enter the page of **【Counter Test】** , insert coins to the coin slot, and the number on the right will go up as more coins are inserted. The counter inside the coin counter will indicate the number, too.
- After the test is completed, move the cursor to **【1-7-1 Exit】** and press **【Start】** button to return to **【1 Hardware Test】** .

### 4.3.8 Vibration Test

On the page of **【Vibration Test】** , you can test whether the vibration is functioning normally or not.

- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-8 Vibration Test】** , and the screen will display as below:



- Move the cursor and then press the **【Start】** button to test the vibration on the selected option.
- In auto test, the vibration will be tested in order, from 1/4 to 4/4.
- While testing, press the **【Start】** button one more time to discontinue the testing process.
- Move the cursor to **【1-8-6 Exit】** , and press the **【Start】** button to return to **【1 Hardware Test】** .

### 4.3.9 Fan Speed Test

On the page of **【Fan speed Test】** , you can test whether the fan is functioning normally or not.

- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-8 Fan Speed Test】** , and the screen will display as below:

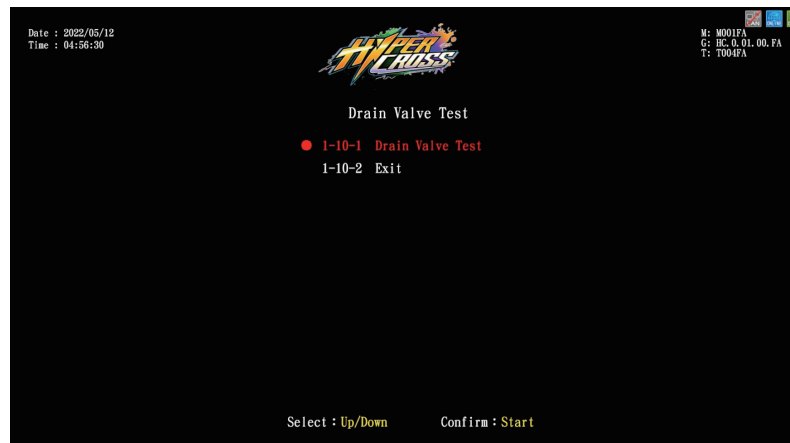


- Use the **【Up】** button and **【Down】** button to move the cursor, then press the **【Start】** button to run testing.
- The fan will be tested in order, from 1/4 to 4/4.
- While testing, press the **【Start】** button one more time to discontinue the testing process.
- Move the cursor to **【1-8-2 Exit】** , and press the **【Start】** button to return to **【1 Hardware Test】** .

### 4.3.10 Drain Valve Test

On the page of **【Drain Valve Test】** , you can test whether the drain valve drains normally or not.

- Enter **【Main Menu】** → **【1 Hardware Test】** → **【Drain Valve Test】** , and the screen will display as below:



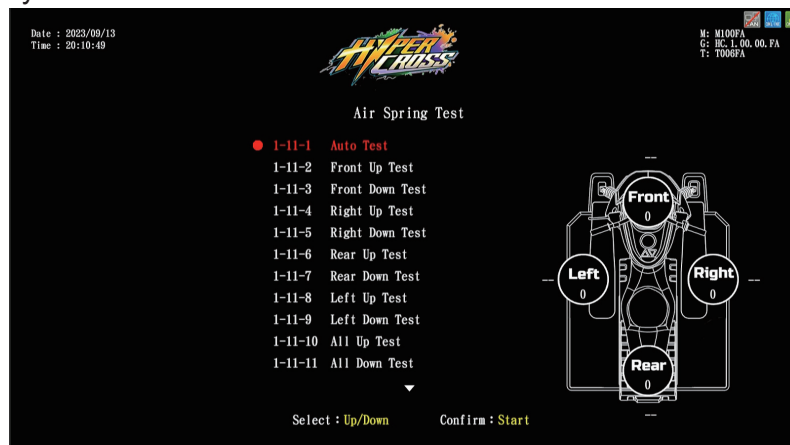
- Move the cursor and then press the **【Start】** button to test the drain valve.
- Move the cursor to **【1-10-2 Exit】** , and press the **【Start】** button to return to **【1 Hardware Test】** .

## Using the Operator Settings

### 4.3.11 Air Spring Test

On the page of **【Air Spring Test】** , you can test whether the air spring is functioning normally or not.

- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-11 Air Spring Test】** , and the screen will display as below:

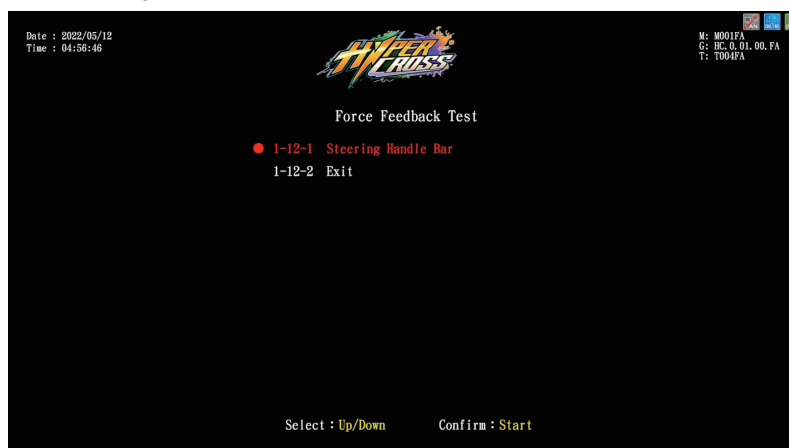


- Move the cursor and then press the **【Start】** button to test the air spring on the selected option.
- While testing, you can press the **【Start】** button to stop testing at any time.
- Move the cursor to **【1-11-13 Exit】** , and press the **【Start】** button to return to **【1 Hardware Test】** .

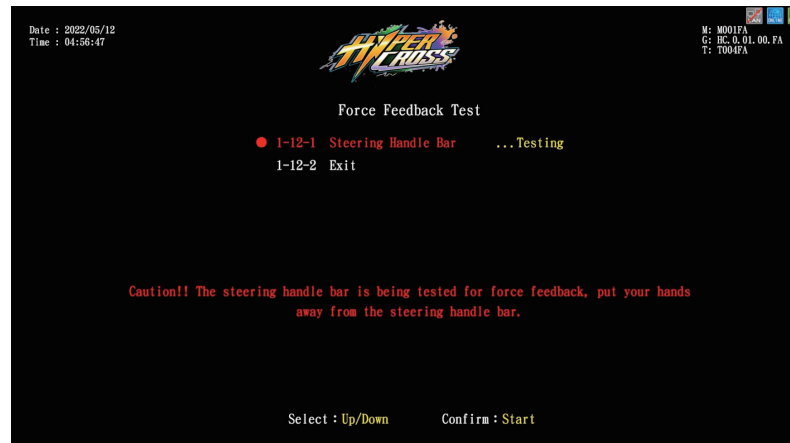
### 4.3.12 Force Feedback Test

On the page of **【Force Feedback Test】** , you can test whether the force feedback is functioning normally or not.

- Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-12 Force Feedback Test】** , and the screen will display as below:



- Use the **【Up】** button and the **【Down】** button to move the cursor, then press the **【Start】** button to run testing.

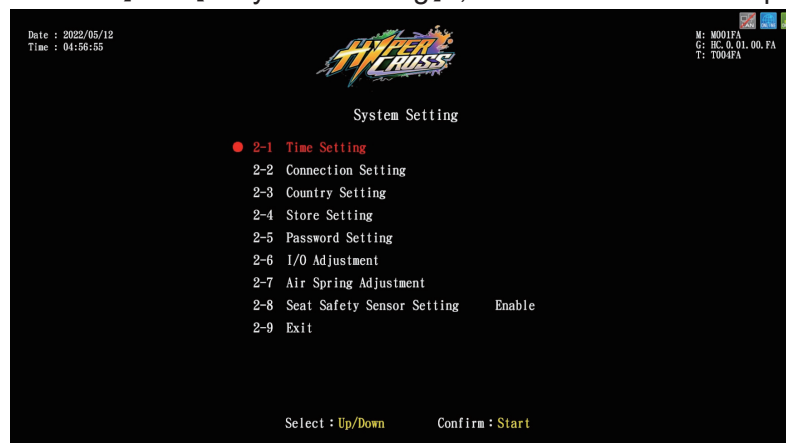


- While testing, a warning message will appear [Caution!!The steering wheel is being tested for force feedback, put your hands away from the steering wheel] .
- Move the cursor to [1-12-2 Exit] and press the [Start] button to return to [1 Hardware Test] .

### 4.4 System Setting

On the page of [System Setting] , you can set up the system.

Enter [Main Menu] → [2 System Setting] , and the screen will display as below:



- Use the [Up] button and the [Down] button to move the cursor and press the [Start] button to enter the sub menu.
- After finishing setting, move the cursor to [2-9 Exit] and press the [Start] button to return to [Main Menu]
- Regarding the detailed descriptions of the sub menu in [2 System Setting] , refer to the following content.

## Using the Operator Settings

### 4.4.1 Time Setting

On the page of **【Time Setting】** , you can set up your local time.

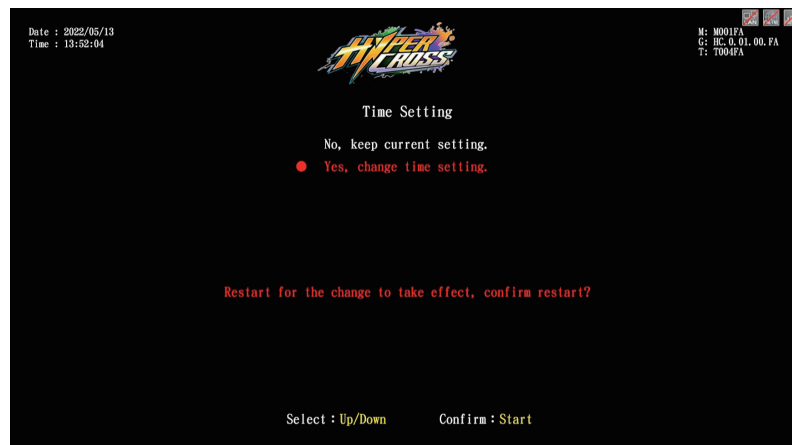


**【Date】** , **【Time】** will be automatically synchronized with the server's time when connected to the server.

- Enter **【Main Menu】** → **【2 System Setting】** → **【2-1 Time Setting】** , and the screen will display as below:



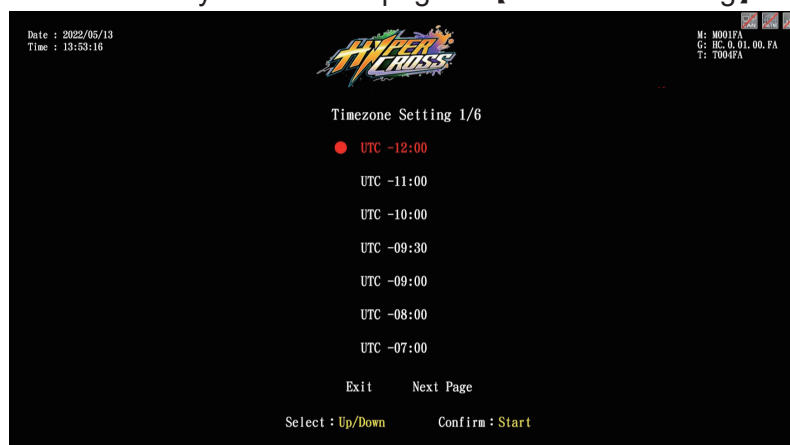
- When the machine is not connected to the server, **【Date】** and **【Time】** can be changed.
- Use the **【Up】** button and **【Down】** button to move the cursor and press the **【Start】** button to set Date and Time.



- When the machine is not connected to the server, and the time is changed, if you select **【Yes, change time setting.】** , the machine will automatically restart. When you select **【No, keep current setting.】** , the screen will automatically direct to the page **【System Setting】** .
- Move the cursor to **【2-1-3 Timezone】** and press the **【Start】** button to enter **【Country Setting】** page.



- If the chosen country has more than one time zones, or **【Other】** is selected, the screen will automatically direct to the page of **【Timezone Setting】**.



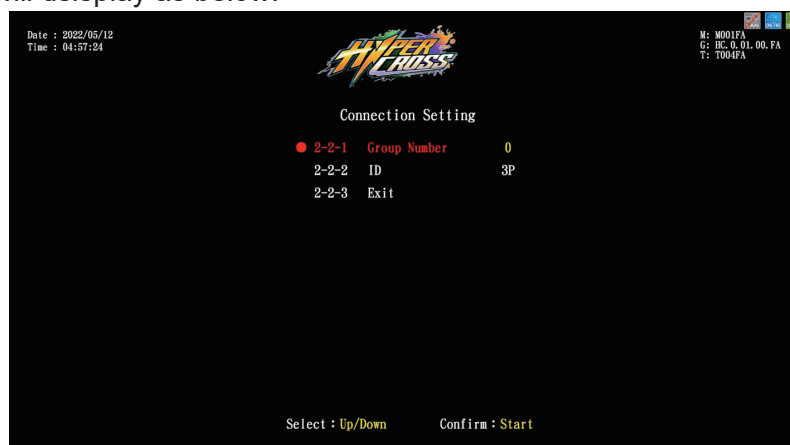
## 4.4.2 Connection Setting

On the page of **【Connection Setting】**, you can set the group and the ID of the machine.



To connect to the machine, please set up the same group in the settings. The recommended ID value settings for the machine, from left to right, are: 1P, 2P, 3P, 4P.

- Enter **【Main Menu】** → **【2 System Setting】** → **【2-2 Connection Setting】**, and the screen will display as below:



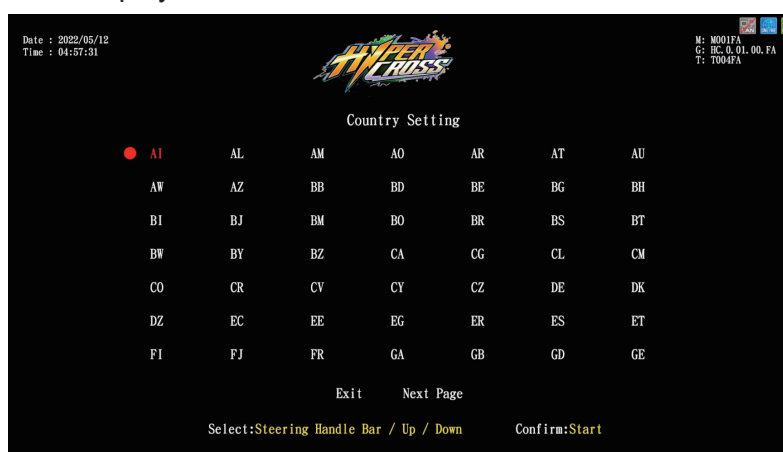
## Using the Operator Settings

- Use the **[Up]** button and **[Down]** button to move the cursor and press the **[Start]** button to enter the sub menu.
- Select the **[2-2-1 Group Number]** , then press the **[Start]** button to set the group number of the machine.
- Select the **[2-2-2 ID]** , then press the **[Start]** button to set the ID of the machine.
- When completed, move the cursor to **[2-2-3 Exit]** , then press the **[Start]** button to return to the page of **[2 System Setting]** .

### 4.4.3 Country Setting

On the page of **[Country Setting]** , you can set your current location.

- Enter **[Main Menu]** → **[2 System Settings]** → **[2-3 Country Setting]** , and the screen will display as below:



- Use the **[Up]** , **[Down]** , **[Left]** , **[Right]** button to move the cursor and press the **[Start]** button to set country.



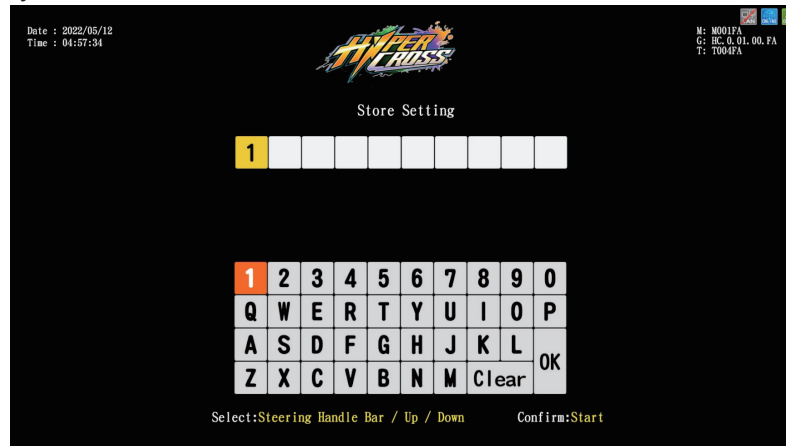
When **[Exit]** is selected, the screen will automatically direct to the page of **[System setting]** .

- If you press the **[Start]** button on the preferred country, the country will be set, and the screen will automatically direct to the page of **[2 System setting]** .

## 4.4.4 Store Setting

On the page of **【Store Setting】** , you can set your store name.

- Enter **【Main Menu】** → **【2 System Setting】** → **【2-4 Store Setting】** , and the screen will display as below:

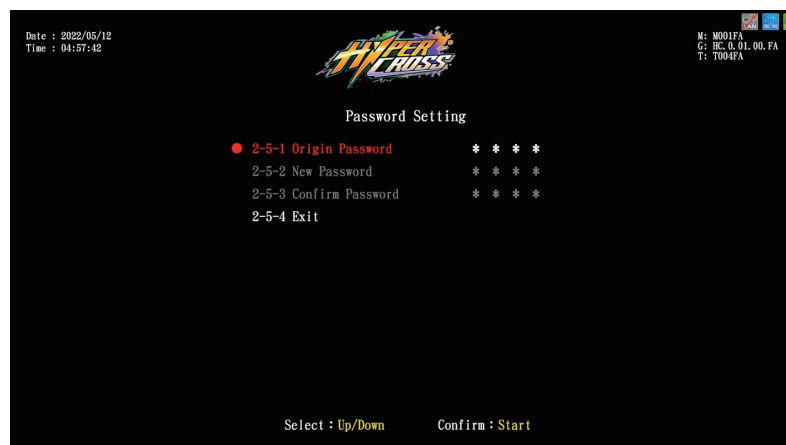


- Use the **【Up】** , **【Down】** , **【Left】** , **【Right】** button to move the cursor and press the **【Start】** button to confirm the letter you want to input.
- When completed, move the cursor to **【OK】** , then press the **【Start】** button to return to the page of **【System Setting】** . The store name should be displayed on the right side of **【Store Setting】** .

## 4.4.5 Password Setting

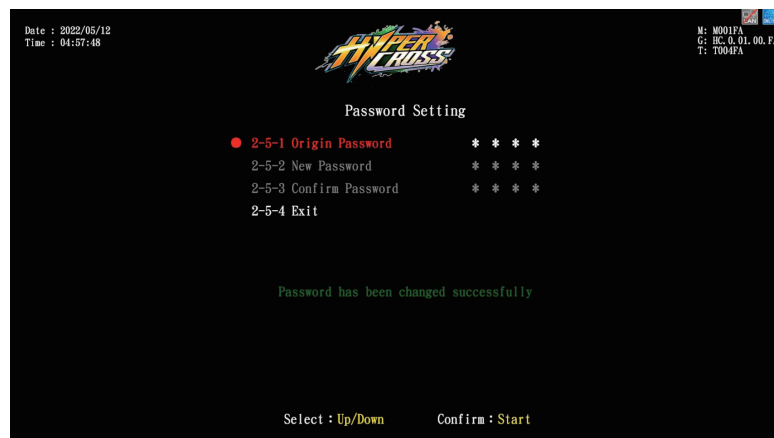
On the page of **【Password Setting】** , you can reset your password.

- Enter **【Main Menu】** → **【2 System Setting】** → **【2-5 Password Setting】** , and the screen will display as below:



- Press the **【Start】** button to enter origin password(0000). Then, use the **【Up】** button and **【Down】** button to move the cursor and press the **【Start】** button to enter the selected numbers.
- After the origin password has been confirmed, you can continue to enter and confirm the new password.
- Once the new password has been entered and confirmed, **【Password has been changed successfully】** will appear in green below.

## Using the Operator Settings



- Move the cursor to **[2-5-4 Exit]** and press the **[Start]** button to return to **[2 System Setting]**.

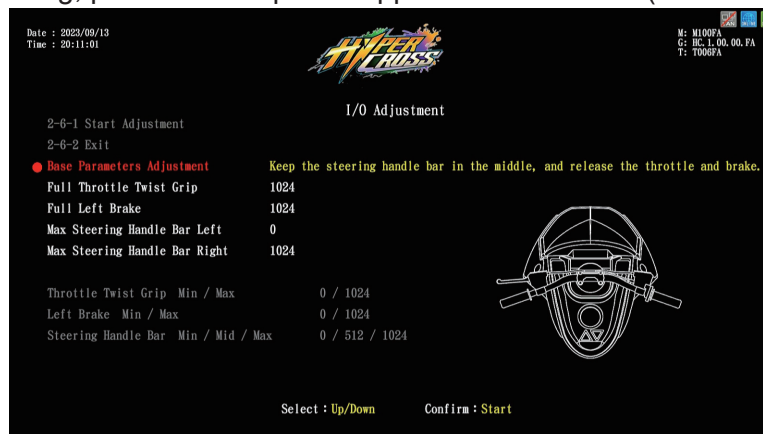
### 4.4.6 I/O Adjustment

On the page of **[I/O Adjustment]**, you can adjust the minimum and maximum value of the throttle, brake and steering handle bar.

- Enter **[Main Menu]** → **[2 System Setting]** → **[2-6 I/O Adjustment]**, and the screen will display as below:



- Move the cursor to **[2-6-1 Start Adjustment]**, then press the **[Start]** button to start the process.
- While adjusting, pictures and tips will appear on the screen (show in yellow).



- Follow the tips to calibrate the values.
- After all adjustments are made, **[Adjustment completed]** will appear in green. Press the **[Start]** button to return to **[2 System Setting]**.

## 4.4.7 Air Spring Adjustment

On the page of **【Air Spring Adjustment】** , you can adjust the minimum and maximum value of the air spring.

- Enter **【Main Menu】** → **【2 System Setting】** → **【2-7 Air Spring Adjustment】** , and the screen will display as below:

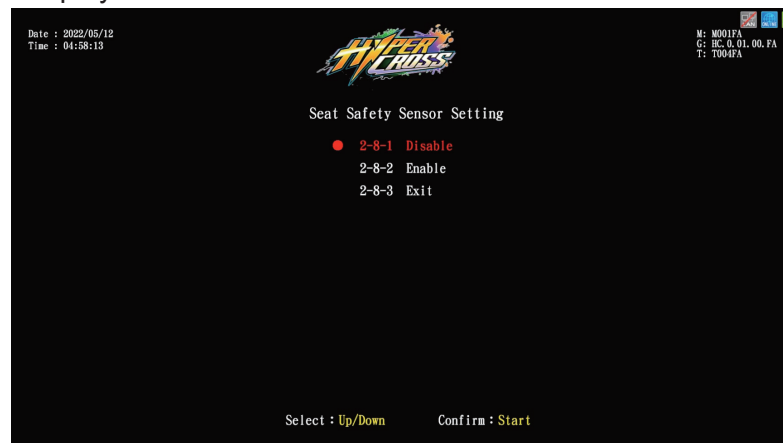


- Move the cursor to the **【2-7-1 Start Adjustment】** and press the **【Start】** button to start adjusting.
- When adjustment starts, the air spring will be automatically calibrated, current adjustment status will display on the screen.
- After the adjustment is completed, move the cursor to the **【2-7-2.Exit】** and then press the **【Start】** button to return to **【2 System Setting】** .

## 4.4.8 Seat Safety Sensor Setting

On the page of **【Seat Safety Sensor】** , you can enable or disable the seat safety sensor.

- Enter **【Main Menu】** → **【2 System Setting】** → **【2-8 Seat Safety Sensor】** , and the screen will display as below:



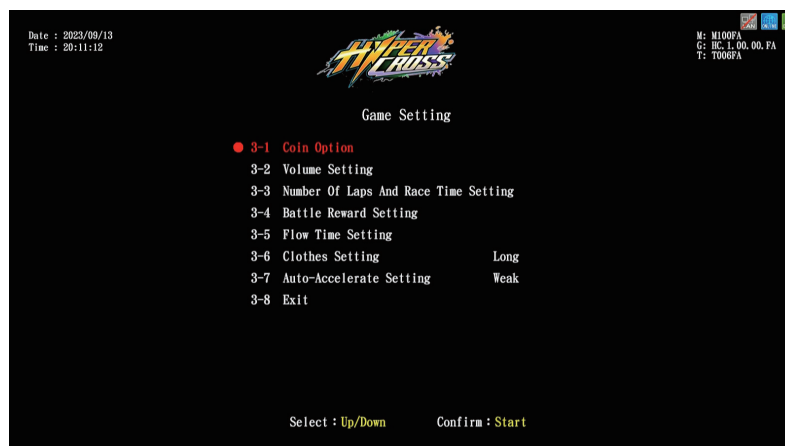
- If **【Enable】** is selected, the sensor will be enabled, and the screen will automatically direct to the page **【2 System Setting】** .
- If **【Disable】** is selected, the sensor will be disabled, and the screen will automatically direct to the page **【2 System Setting】** .

## Using the Operator Settings

### 4.5 Game Setting

On the page of **【Game Setting】** , you can set up all related features of the game.

- Enter **【Main Menu】** → **【3 Game Setting】** , and the screen will display as below:

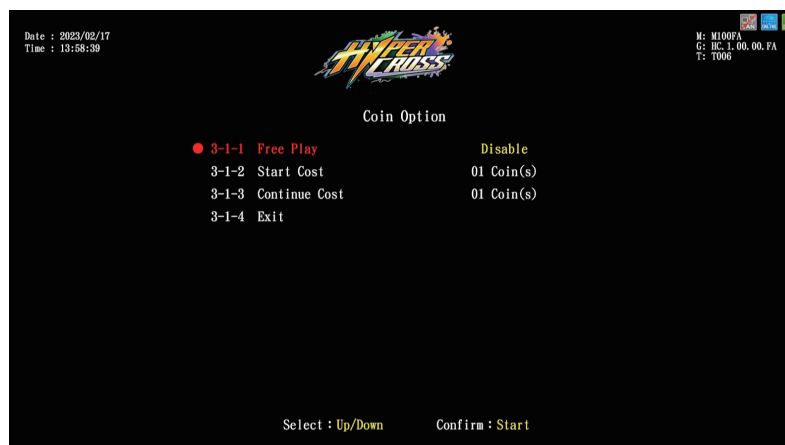


- Use the **【Up】** button and **【Down】** button to move the cursor and press the **【Start】** button to the sub menu.
- After setup is completed, move the cursor to **【3-8 Exit】** , and press the **【Start】** button to return to **【Main Menu】** .
- Regarding the detailed description of the sub menu in the **【3 Game Setting】** refer to the following content.

#### 4.5.1 Coin Option

On the page of **【Coin Option】** , you can select **【Free Play】** or **【Coin】** .

- Enter **【Main Menu】** → **【3 Game Setting】** → **【3-1 Coin Option】** , and the screen will display as below:



- Use the **【Up】** and **【Down】** button to select **【3-1-1 Free Play】** ,and Use the **【Up】** and **【Down】** button to switch from **【Enable】** and **【Disable】** .



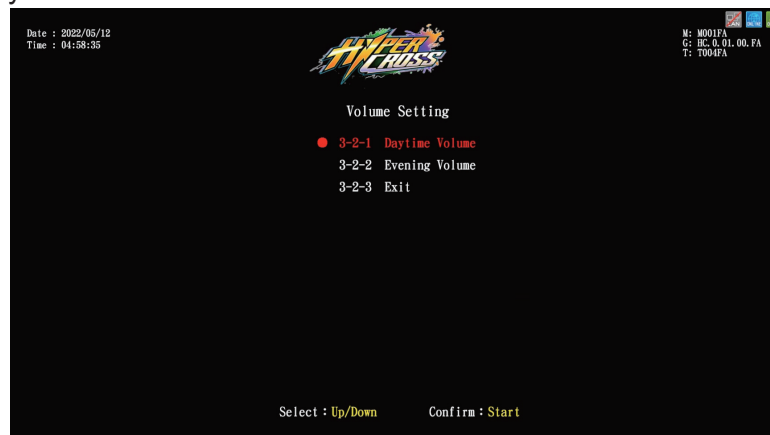
When the **【3-1-1 Free Play】** is set to be **【OFF】** , you can set the **【3-1-2 Start Cost】** and the **【3-1-3 Continue Cost】** .

- When the setting process is completed, move the cursor to **【3-1-4 Exit】** ,and press **【Start】** button to return to **【3 Game Setting】** .

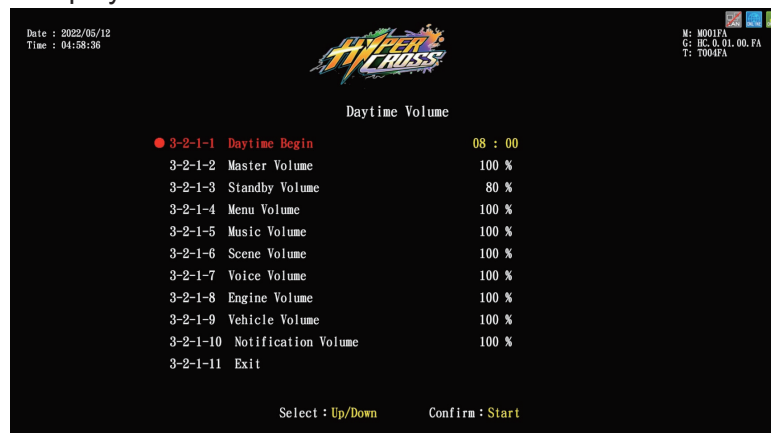
### 4.5.2 Volume Setting

On the page of **【Volume Setting】**, you can determine the start time of daytime and evening and set the corresponding volume.

- Enter **【Main Menu】** → **【3 Game Setting】** → **【3-2 Volume Setting】**, and the screen will display as below:



- Move the cursor to select the **【Daytime(Evening) Volume Setting】**, then press the **【Start】** button to enter the page of **【Daytime (Evening) Volume Setting】**, and the screen will display as below:



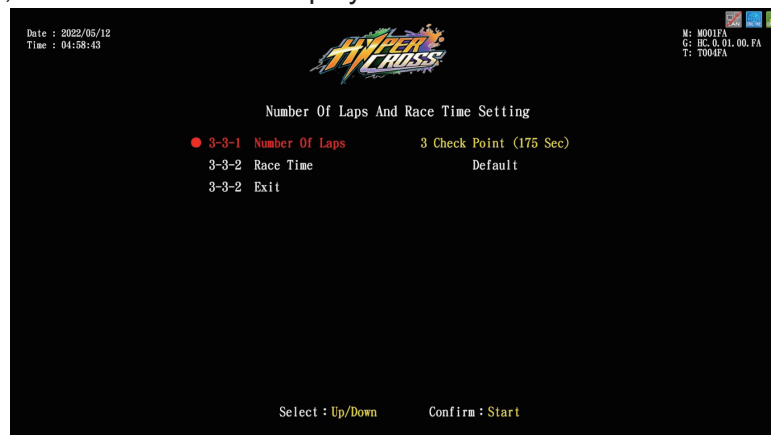
- Move the cursor to select the item, then press the **【Start】** button to adjust volume.
- When the setting process is completed, move the cursor to **【3-2-1-10 Exit】**, and press the **【Start】** button to return to **【Volume Setting】**.
- After the adjustment is completed, move the cursor to **【3-2-3 Exit】**, and press the **【Start】** button to return to **【3 Game Setting】**.

## Using the Operator Settings

### 4.5.3 Number Of Laps And Race Time Setting

On the page of 【Number of Laps And Race Time Setting】 , you can determine number of laps, and race time.

- Enter 【Main Menu】 → 【3 Game Setting】 → 【3-3 Number of Laps And Race Time Setting】 , and the screen will display as below:

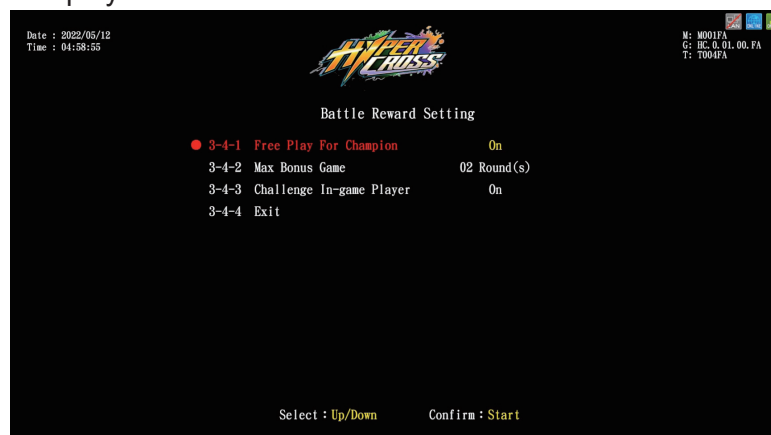


- Move the cursor to select and adjust the item, then press the 【Start】 button to confirm it.
- After the adjustment is completed, Move the cursor to 【3-3-2 Exit】 , and press the 【Start】 button to return to 【3 Game Setting】 .

### 4.5.4 Battle Reward Setting

On the page of 【Battle Reward Setting】 , you can determine whether players can get a free round when they win in in-store battles, how many free rounds they can get at most, and whether to switch on 【Challenge In-game Player】 .

- Enter 【Main Menu】 → 【3 Game Setting】 → 【3-4 Battle Reward Setting】 , and the screen will display as below:



- Move the cursor to select 【Free Play For Champion】 , then press 【Start】 to switch 【On】 or 【Off】 .

**NOTE**

When 【3-4-1 Battle Reward Setting】 is set to 【ON】 , you can adjust the value of 【Max Bonus Game】 .

- Move the cursor to select 【Challenge In-game Player】 , then press 【Start】 to switch 【On】 or 【Off】 .
- When the setting process is completed, move the cursor to 【3-4-4 Exit】 ,and press 【Start】 button to return to 【3 Game Setting】 .

### 4.5.5 Flow Time Setting

on the page of **【Flow Time Setting】** , you can determine the duration of each process:

- Enter **【Main Menu】** → **【3 Game Setting】** → **【3-5 Flow Time Setting】** , and the screen will display as below:



- Move the cursor to select the item, then press the **【Start】** button to start the process.
- After the adjustment is completed, move the cursor to **【3-5-9 Exit】** , and press the **【Start】** button to return to **【3 Game Setting】** .

### 4.5.6 Clothes Setting

On the page of **【Clothes Setting】** , you can determine whether characters wear short sleeve or long sleeve.

- Enter **【Main Menu】** → **【3 Game Setting】** → **【3-6 Motion Default Settings】** , and the screen will display as below:

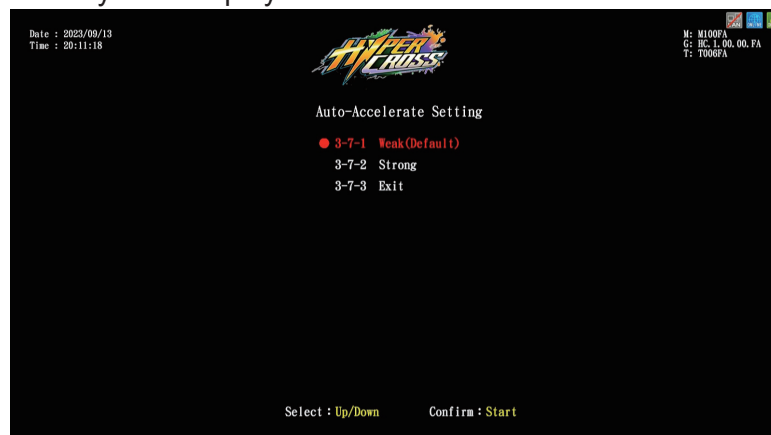


- Use the **【Up】** and **【Down】** button to move cursor, select **【Short Sleeve】** and press **【Start】** . The setting will be set to **【Short Sleeve】** , and the screen will automatically direct to **【Game Setting】** .
- Use the **【Up】** and **【Down】** button to move cursor, select **【Long Sleeve】** and press **【Start】** . The setting will be set to **【Long Sleeve】** , and the screen will automatically direct to **【Game Setting】** .
- Move the cursor to **【3-7-3 Exit】** , and press the **【Start】** button to return to **【3 Game Setting】** .

## Using the Operator Settings

### 4.5.7 Auto-Accelerate Setting

On the page of **Auto-Accelerate Setting** , you can change the acceleration which the game automatically adds to player's vehicle.



- Use the **Up** and **Down** button to move cursor, select **Weak(Default)** and press **Start** . The acceleration will be set to **Weak** , and the screen will automatically direct to **Game Setting** .
- Use the **Up** and **Down** button to move cursor, select **Strong** and press **Start** . The acceleration will be set to **Strong** , and the screen will automatically direct to **Game Setting** .

## 4.6 Income Data

On the page of **Income Data** , you can check the daily, monthly and total revenue in the machine.

- Enter **Main Menu** → **4 Income Data** , and the screen will display as below:



- Use the **Up** button and **Down** button move the cursor and press the **Start** button to the sub menu.
- Move the cursor to **4-4 Exit** and press the **Start** button to return to **Main Menu** .
- Regarding the detailed data of the sub menu in the **4 Income Data** , refer to the following content.

## 4.6.1 Daily Income

On the page of **【Daily Income】** , you can check the daily revenue of each cabinet.

- Enter **【Main Menu】** → **【4 Income Data】** → **【4-1 Daily Income】** ,and the screen will display as below:

Date	Coin(s)	Total Game	Coin Game	Continue	Freyeplay	Versus	Versus Bonus	Service	Current Coin(s)	Current Service	Operation Time	Game Time	Avg. Game Time
*2022 / 05 / 12	0	0	0	0	0	0	0	0	0	0	00:00:00	00:00:00	00:00:00
*2022 / 05 / 11	41	6	5	1	0	0	0	1	24	0	00:21:49	00:18:49	00:03:08
2022 / 05 / 10	0	0	0	0	0	0	0	0	0	0	00:00:00	00:00:00	00:00:00
Average	13	2	1	0	0	0	0	0	8	0	00:07:16	00:06:16	00:03:08

- Descriptions of each item are as follows:

Item	Description
Date	Date of record
Coin(s)	Total number of coins inserted that day
Total Game	Total number of games played that day
New Game	Number of times coins were inserted to start new games that day
Continue	Number of times coins were inserted to continue games that day
Freyeplay	Total number of freeplays on that day
Versus Bonus	Total number of winner bonus games on that day
Versus	Total number of versus games on that day
Service	Total number of service buttons used that day
Current Coin(s)	Actual number of coins deducted that day
Current Service	Actual number of Service deducted that day
Operation Time	Total operating time on that day
Game Time	Total game time of that day
Avg. Game Time	Average game time of that day Calculation formula: Game Time/Total Game

- Use the **【Up】** button and **【Down】** button to move the page.
- Press the **【Start】** button to return to **【4 Income Data】** .

## Using the Operator Settings

### 4.6.2 Monthly Income

- On the page of **【Monthly Income】** , you can check the monthly revenue of each cabinet.
- Enter **【Main Menu】** → **【4 Income Data】** → **【4-2 Monthly Income】** ,and the screen will display as below:

Date	Coin(s)	Total Game	Coin Game	Continue	Freeplay	Versus	Versus Bonus	Service	Current Coin(s)	Current Service	Operation Time	Game Time	Avg. Game Time
*2022/05	41	6	5	1	0	0	0	1	24	0	00:21:50	00:18:49	00:03:08
Average	41	6	5	1	0	0	0	1	24	0	00:21:50	00:18:49	00:03:08

Machine ID : M001FA  
Store : P  
Player ID : IP

Monthly Income 1 / 1

Date : 2022/05/12  
Time : 04:59:21

M: M001FA  
G: HC, G. 01. 00. FA  
T: T001FA

Previous / Next Page : Up / Down      Exit : Start

- Descriptions of each item are as follows:

Item	Description
Month	month of record
Coin(s)	Total number of coins inserted that month
Total Game	Total number of games in that month
New Game	Number of times coins were inserted to start new games that month
Continue	Number of times coins were inserted to continue games that month
Freeplay	Total number of freeplays in that month
Versus Bonus	Total number of winner bonus games in that month
Versus	Total number of versus games in that month
Service	Total number of service buttons used that month
Current Coin(s)	Actual number of coins deducted that month
Current Service	Actual number of Service deducted that month
Operation Time	Total operating time in that month
Game Time	Total game time in that month
Avg. Game Time	Average game time of that month Calculation formula: Game Time/Total Game

- Use the **【Up】** button and **【Down】** button to move the page.
- Press the **【Start】** button to return to **【4 Income Data】** .

## 4.6.3 Total Report

On the page of 【Total Report】 , you can check the total revenue of each machine.

- Enter 【Main Menu】 → 【4 Income Data】 → 【4-3 Total Report】 ,and the screen will display as below:



- Descriptions of each item are as follows:

Item	Description
Coin(s)	Total number of coins in total
Total Game	Total number of games in total
New Game	Number of times coins were inserted to start new games in total
Continue	Number of times coins were inserted to continue games in total
Freeplay	Total number of freeplays in total
Versus Bonus	Total number of winner bonus games in total
Versus	Total number of versus games in total
Service	Total number of Service in total
Current Coin(s)	Actual number of coins deducted in total
Current Service	Number of service buttons used in total
Operation Time	The total operating time overall
Game Time	Total game time overall
Percentage Of Idle	Percentage of time the that no one is playing the game while the machine is on Calculation formula: (Operation time - Game Time)/ Operation time x100%

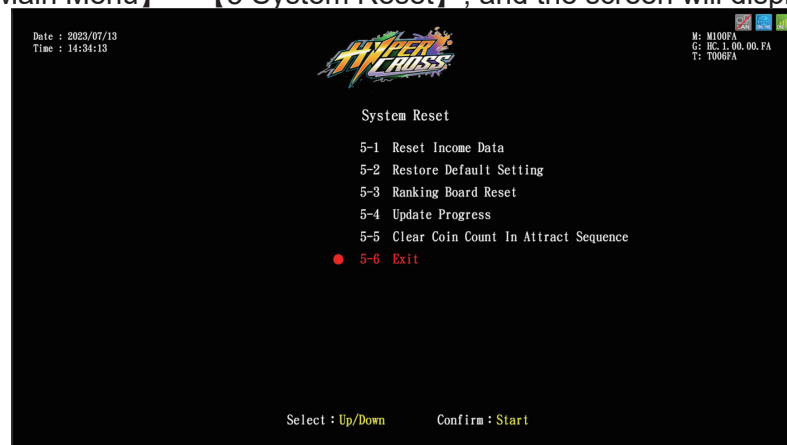
- Press the 【Start】 button to return to 【4 Income Data】 .

## Using the Operator Settings

### 4.7 System Reset

On the page of **【System Reset】** , you can delete the income data or set the system to default setting.

- Enter **【Main Menu】** → **【5 System Reset】** , and the screen will display as below:

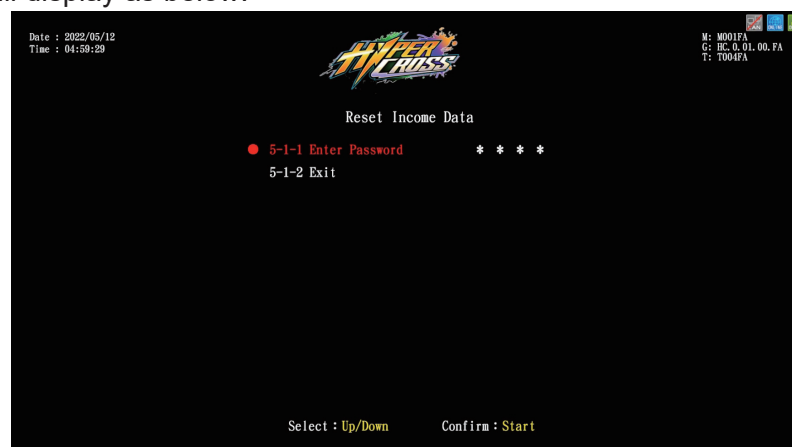


- Use the **【Up】** button and **【Down】** button move the cursor and press the **【Start】** button to the sub menu.
- After setup is completed, move the cursor to **【5-5 Exit】** , and press the **【Start】** button to return to **【Main Menu】** .
- Regarding the detailed descriptions of the sub menu in **【5 System Reset】** , refer to the following content.

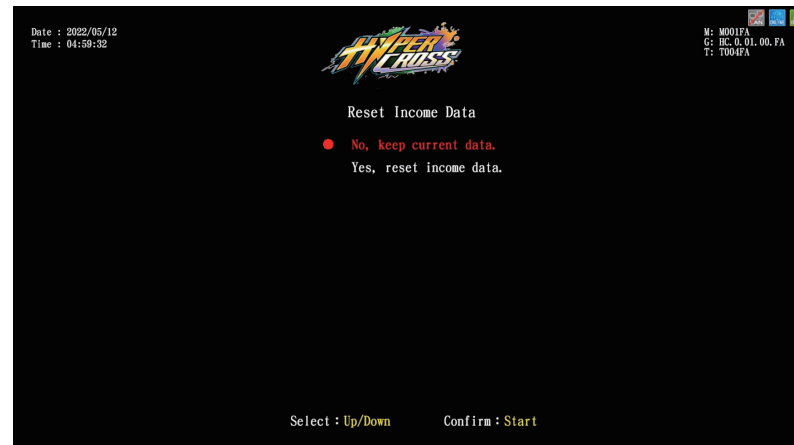
#### 4.7.1 Reset Income Data

On the page of **【Reset Income Data】** , you can delete the data of daily income and monthly income.

- Enter **【Main Menu】** → **【5 System Reset】** → **【5-1 Reset Income Data】** ,and the screen will display as below:



- Move the cursor to select **【5-1-1 Enter Password】** , and press the **【Start】** button to start entering machine' s password.
- Use the **【Up】** and **【Down】** button to select numbers, and then press **【Start】** button to enter password.
- After the password has been entered, the following screen will be displayed:



- Move the cursor to **【Yes, reset income data.】** , and press the **【Start】** button to reset income data.
- After reset, **【Reset Complete】** will appear in green. Press **【Start】** button again to return to **【5 System Reset】** .



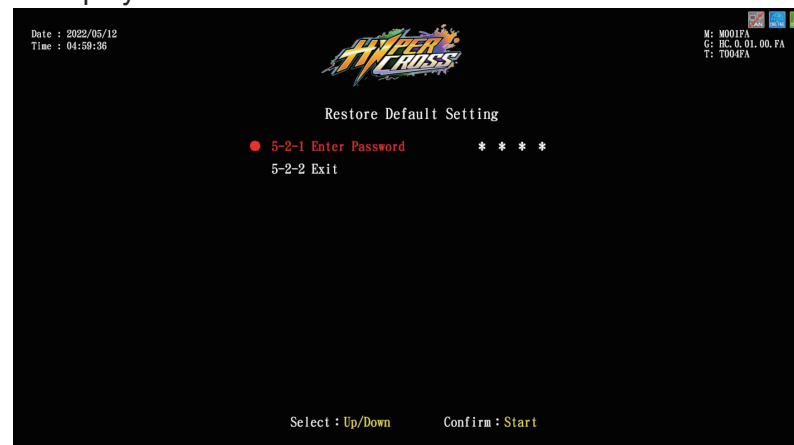
This function will not delete the data in **【Total Income】** .

- When **【No, keep current data.】** is selected, the screen will automatically direct to the page of **【5 System Reset】** .

### 4.7.2 Restore Default Setting

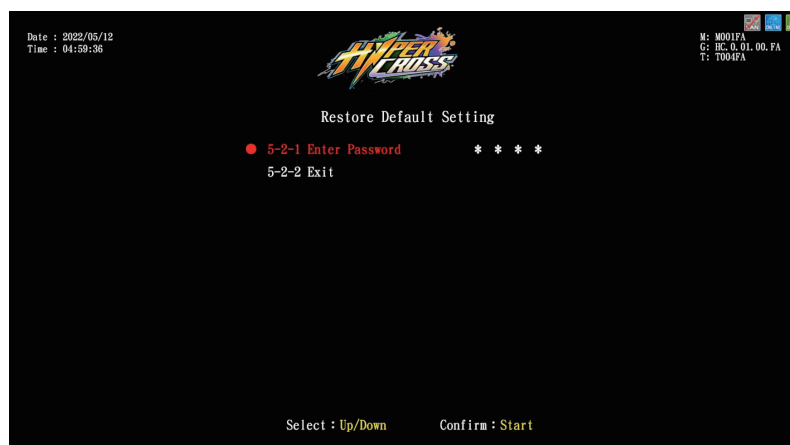
On the page of **【Restore Default Setting】** , you can delete the income data or set the system to the default setting.

- Enter **【Main Menu】** → **【5 System Reset】** → **【5-2 Restore Default Setting】** ,and the screen will display as below:



- Move the cursor to select **【5-2-1 Enter Password】** , and press the **【Start】** button to start entering the set password.
- Use the **【Up】** and **【Down】** button to select numbers, and then press **【Start】** button to enter password.
- After the password has been entered, the following screen will be displayed:

## Using the Operator Settings



- Move the cursor to **【Yes, restore default setting.】** , and press the **【Start】** button to reset income data.
- After restore, **【Restore Complete】** will appear in green. Press **【Start】** button again to return to **【System Reset】** .
- The settings below will be reset to default:  
System Setting: Connection Setting, Country Setting, Store Setting, Password Setting, I/O Adjustment, Air Spring Adjustment.  
Game Setting: Coin Option, Volume Setting, Game Time, Battle Reward Setting, Flow Time Setting.



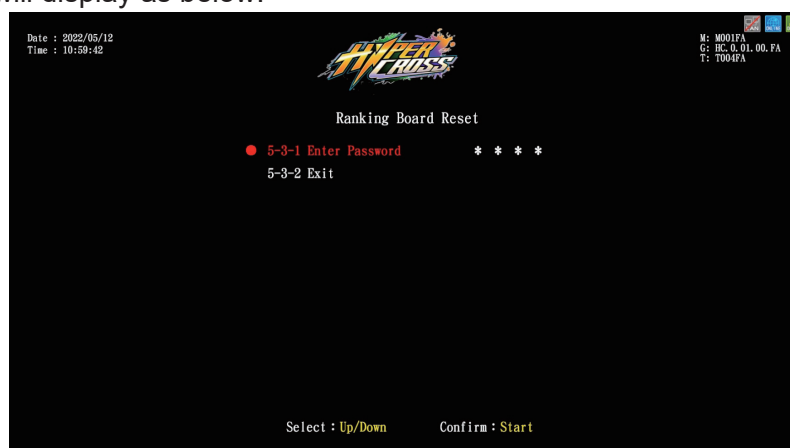
please refer to section 3.8 setting defaults for more details.

- When **【No, keep current setting.】** is selected, the screen will automatically direct to the page of **【5 System Reset】** .

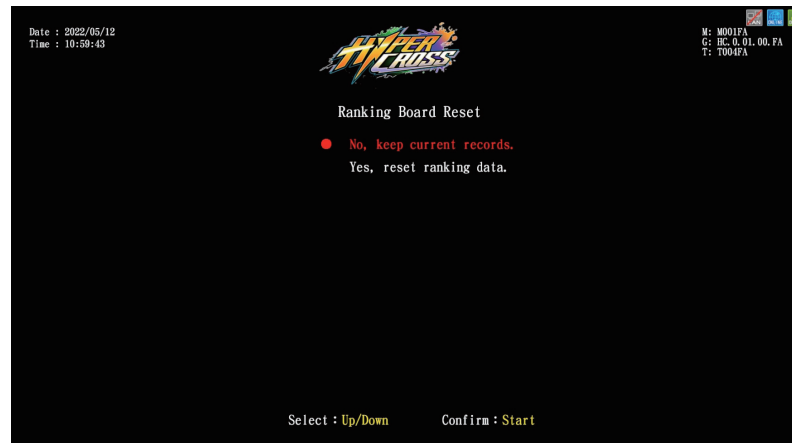
### 4.7.3 Ranking Board Reset

On the page of **【Ranking Board Reset】** , you can reset the ranking board record to the default setting.

- Enter **【Main Menu】** → **【5 System Reset】** → **【5-3 Ranking Board Reset】** , and the screen will display as below:



- Move the cursor to choose **【5-3-1 Enter Password】** , and press the **【Start】** button to start entering the set password.
- Use the **【Up】** and **【Down】** button to select numbers, and then press **【Start】** to enter password.
- After the password has been entered, the following screen will be displayed:



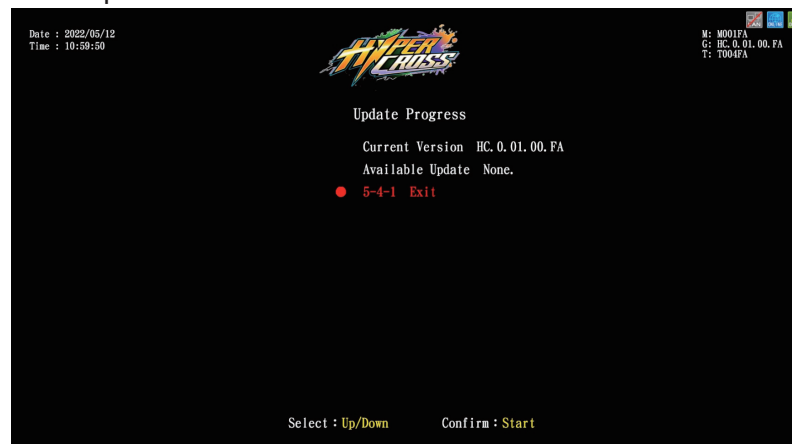
- Move the cursor to **【Yes】** , and press **【Start】** button to reset ranking board.
- After reset, **【Ranking Data Restore Complete】** will appear in green.
- Press **【Start】** button again to return to **【System Reset】** .
- When **【No】** is selected, the screen will automatically direct to the page of **【5 System Reset】** .

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### 4.7.4 Update Progress

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- On the page of **【Update Progress】** , you can check whether there is an update for the latest version.
- Enter the page to check whether you have the latest version, press **【Start】** to confirm and return to the previous menu.



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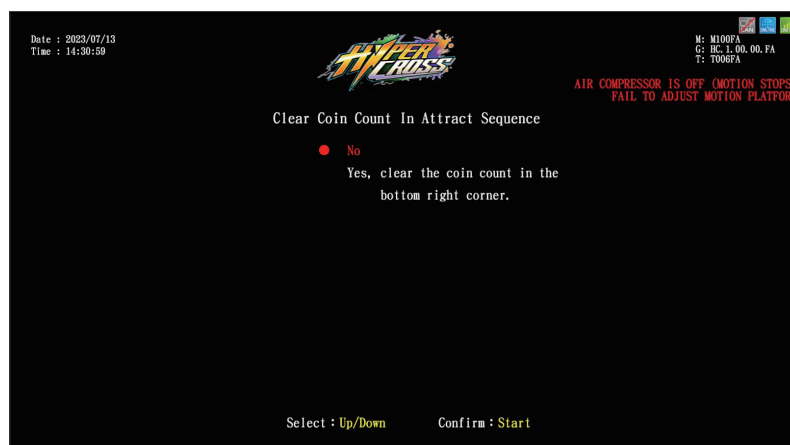
### 4.7.5 Clear Coin Count In Attract Sequence

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On the page of **【Clear Coin Count In Attract Sequence】** , you can clear current coin count in attract sequence.

- Enter **【Main Menu】** → **【5 System Reset】** → **【5-5 Clear Coin Count In Attract Sequence】** ,and the screen will display as below:

## Using the Operator Settings



- Move the cursor to **[Yes, clear the coin count in the bottom right corner.]** , and press **[Start]** button to clear the coin count. Or, select **[No]** to leave this page, the screen will automatically direct to the page of **[5 System Reset]** .



When you reset income data, the current coin count in attract sequence will be cleared too.

## 4.8 Game Setting Defaults

Name of the Setting	Default Setting	Available Setting
Coin Option → Free Play	OFF	OFF,ON
Coin Option → Start Cost	1	1,2,3...10
Coin Option → Continue Cost	1	1,2,3...10
Volume Setting → Daytime/Evening Volume Setting → Daytime /Evening Begin	8:00 / 20:00	00:00~23:00(set by the hour)
Volume Setting → Daytime/Evening Volume Setting → Master Volume	100% / 80%	0%,10%,20%...100%
Volume Setting → Daytime/Evening Volume Setting → Standby Volume	80%	0%,10%,20%...100%
Volume Setting → Daytime/Evening Volume Setting → Menu Volume	100%	0%,10%,20%...100%
Volume Setting → Daytime/Evening Volume Setting → Music Volume	100%	0%,10%,20%...100%

## Using the Operator Settings

Name of the Setting	Default Setting	Available Setting
Volume Setting → Daytime/Evening Volume Setting → Scene Volume	100%	0%,10%,20%...100%
Volume Setting → Daytime/Evening Volume Setting → Voice Volume	100%	0%,10%,20%...100%
Volume Setting → Daytime/Evening Volume Setting → Engine Volume	100%	0%,10%,20%...100%
Volume Setting → Daytime/Evening Volume Setting → Vehicle Volume	100%	0%,10%,20%...100%
Volume Setting → Daytime/Evening Volume Setting → Notification Volume	100%	0%,10%,20%...100%
Game Time	Default	+20 +10,Default,-10
Battle Reward Setting → Free Play For Champion	ON	OFF,ON
Battle Reward Setting → Max Bonus Game	2	1,2,3...10,Unlimited
Battle Reward Setting → Challenge In-game Player	ON	OFF,ON
Number Of Laps And Race Time Setting → Number Of Laps	3	2,3,4...8
Flow Time Setting → Take Picture	5	5,6,7...30
Password Setting	0000	0000~9999
Flow Time Setting → Select Character	8	5,6,7...30
Flow Time Setting → Upgrade Vehicle	8	5,6,7...30
Flow Time Setting → Select Track	10	5,6,7...60
Flow Time Setting → Sign Name	15	15,16,17...60
Flow Time Setting → Continue Coin	10	5,6,7...30
Flow Time Setting → Continue Confirm	10	5,6,7...60

# 5 Maintenance and Repair

## 5.1 Daily inspection

To extend the life of this product, routinely maintain and inspect it.

### Exterior inspection :

- Check if all warning labels are present and legible.
- Check all fixing around the cabinet and bike are tight and secure.
- Check the leg levellers are secure and the casters are NOT touching the ground.
- Check fixing around top light box.
- Check coin handling area is clear of detritus.
- Check all electrical connection internally and externally are secure.

### Parts Inspection :

- Check if the speakers are producing sound.
- Check if LED lights and buttons are normal.
- Check if the display of the screen is clear enough.

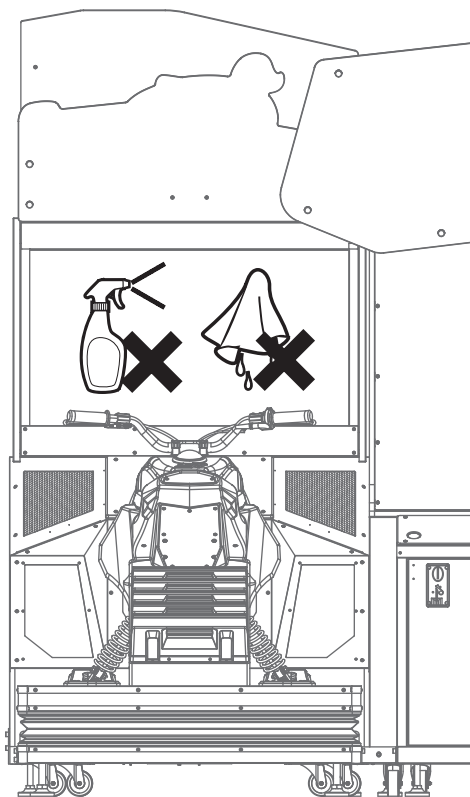
## 5.2 Cleaning and Maintenance

### Screen

To clean the LCD screen, make sure to use a soft dry cloth without showing the end of the thread, and cloth made of microfiber is recommended such as glass cloth. Do not use detergent containing alcohol, acetone and any other chemicals. If you are not sure about the ingredients of the detergent, do not use it.

### Cleaning the acrylic plate

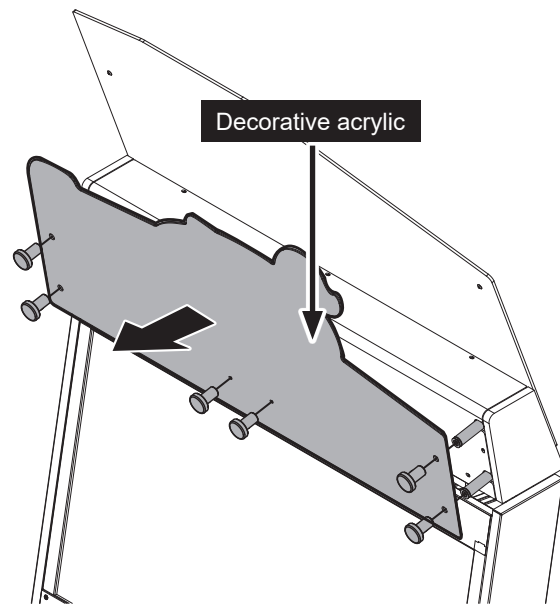
The acrylic plate should be cleaned every day. To clean it, make sure to use a soft dry cloth to wipe it, and cloth made of microfiber is recommended (such as glass cloth).



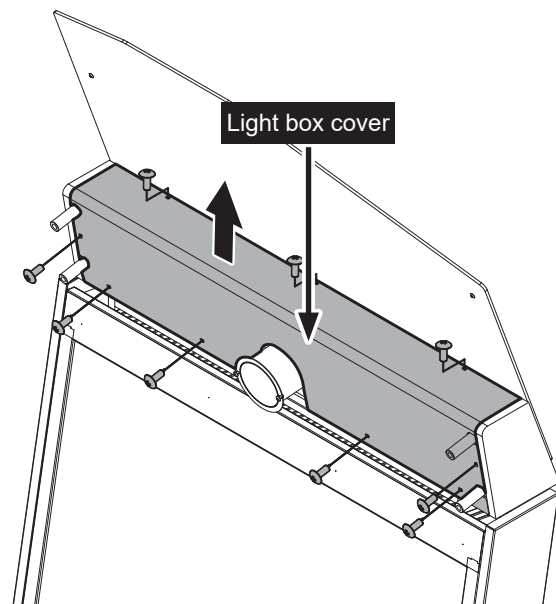
## 5.3 Replacing Parts

### 5.3.1 Maintenance instructions for the upper light box light strips

**1** Remove the decorative acrylic fixing screws according to the diagram.



**2** After unscrewing the screws of the acrylic, remove the light strips for maintenance.

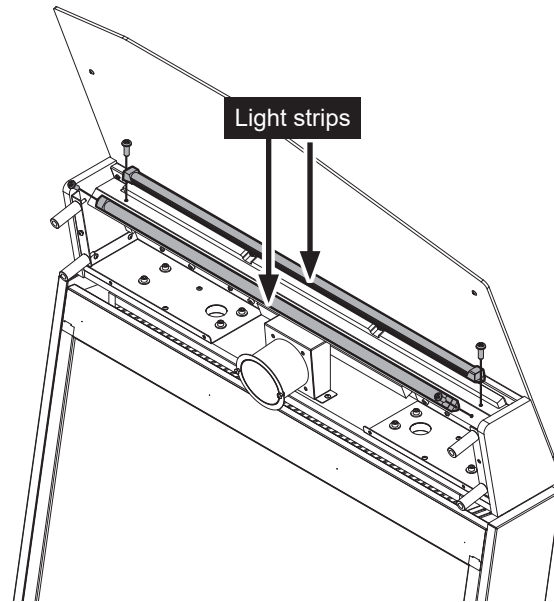


## Maintenance and Repair

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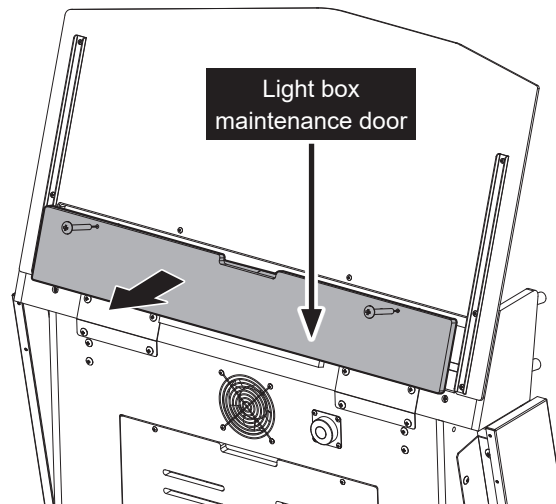
**3** Unscrew the screws from light strip to start maintenance.

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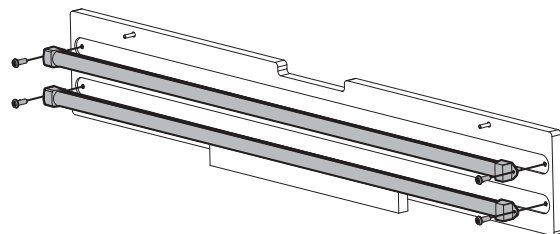
**4** Remove the fixing screws from the light box maintenance door.

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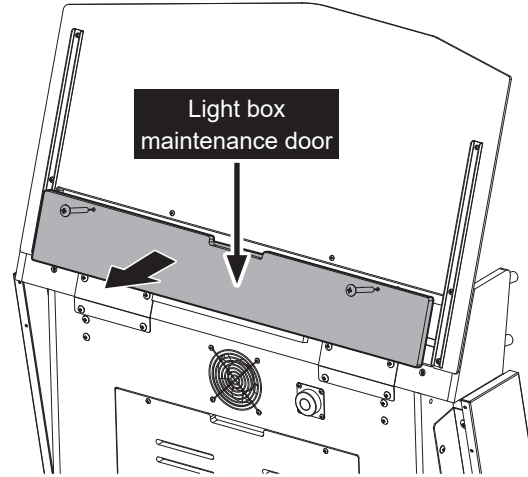
**5** Remove the light strip securing screws and perform the maintenance.

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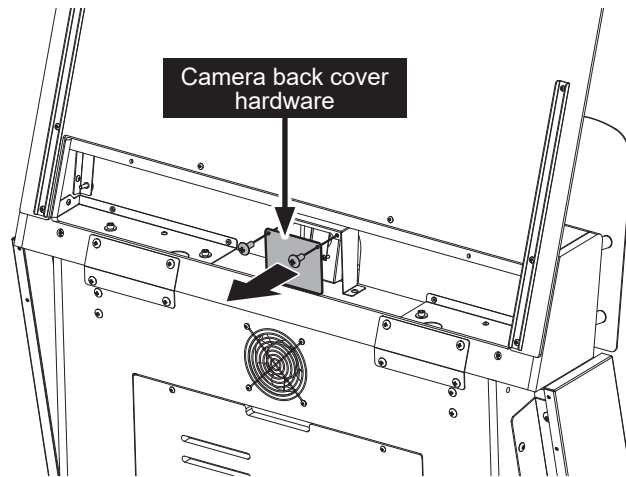


5.3.2 Maintenance instructions for the camera

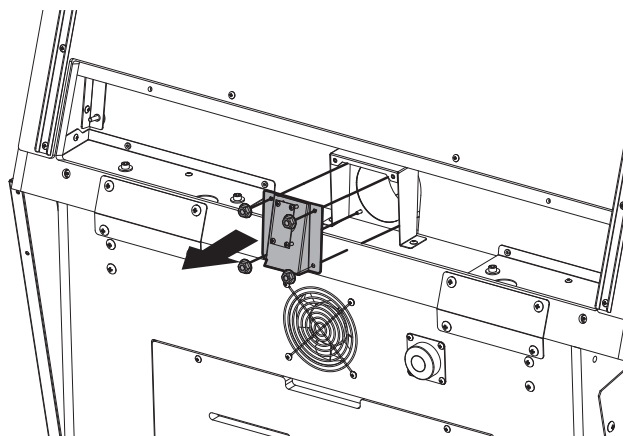
**1** Remove the fixing screws from the light box maintenance door.



**2** Remove the camera back cover hardware.

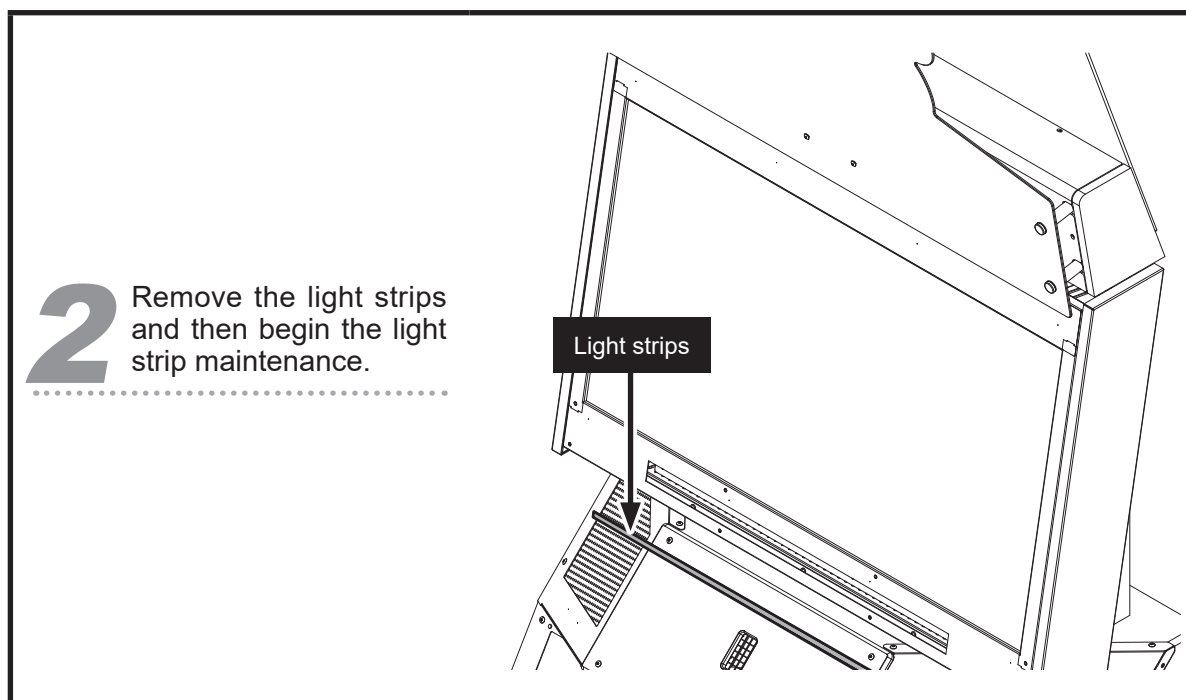
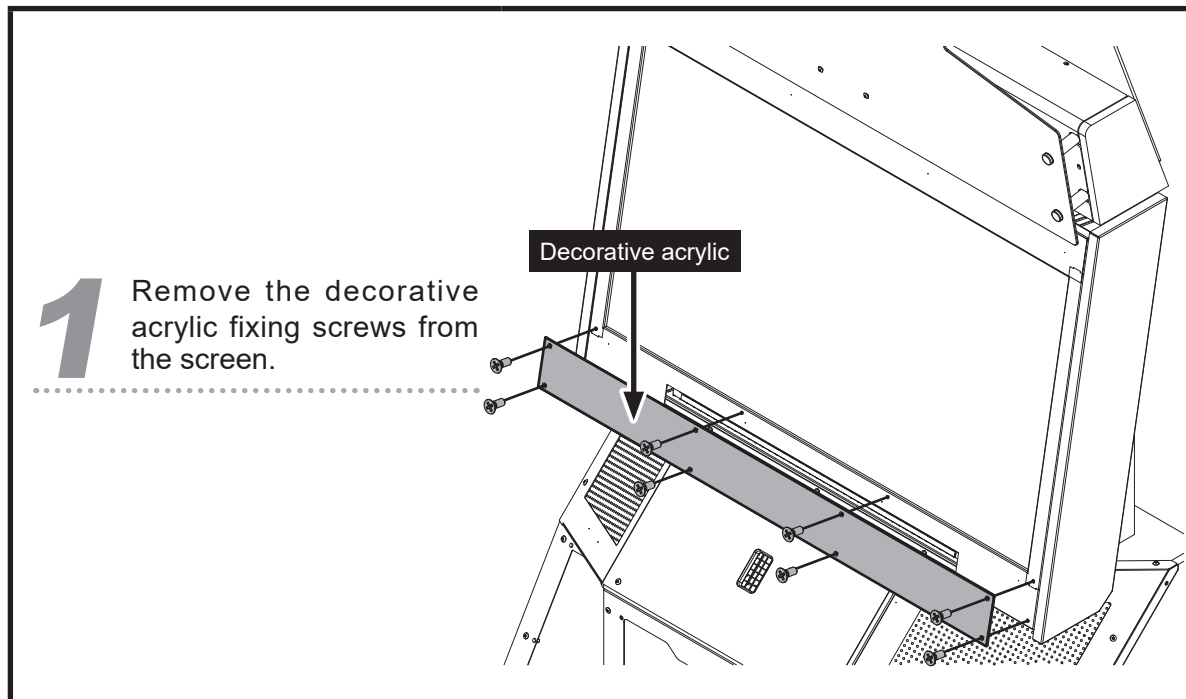


**3** Remove the camera securing bracket and start the replacement.



### 5.3.3 Maintenance instructions for the screen lower light strips

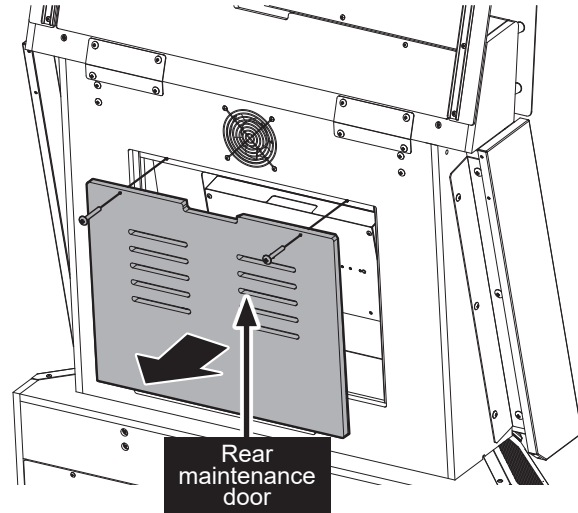
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5.3.4 Maintenance instructions for the screen

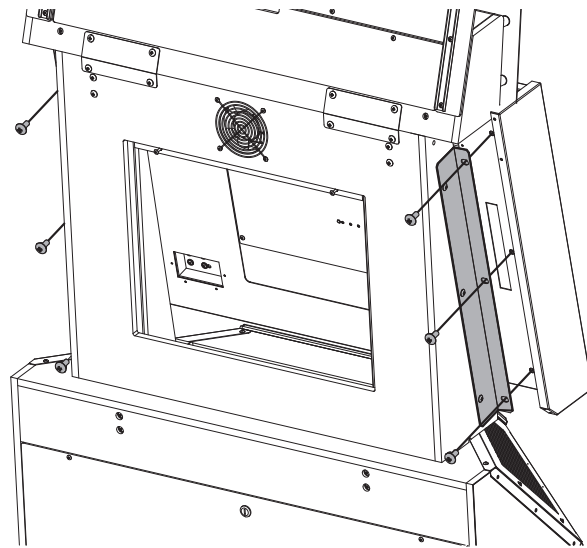
**1** Open the rear maintenance door with the corresponding key and detach the screen cables.

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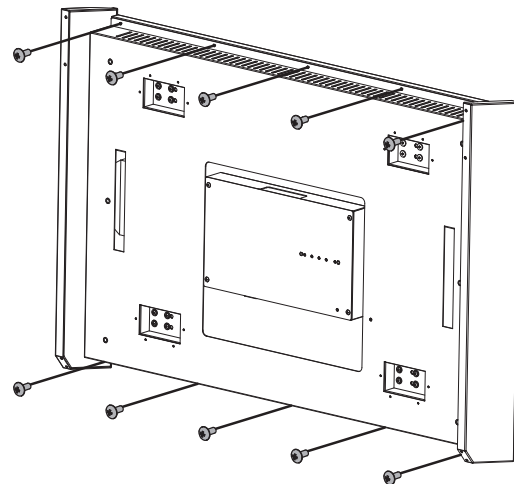
**2** Remove the screen frame fixing screws.

.....



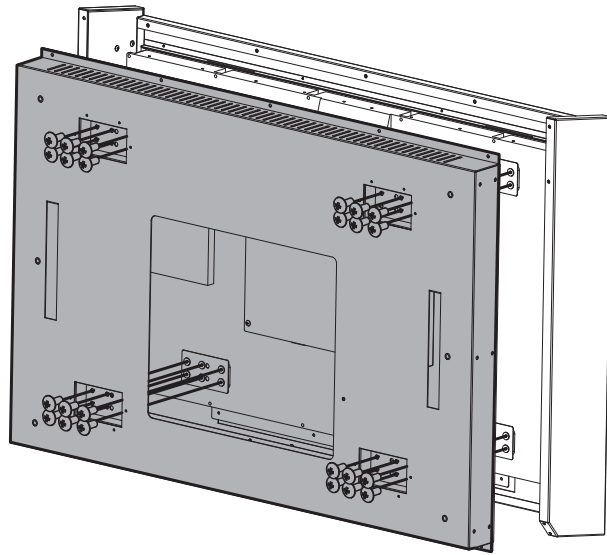
**3** Remove the screen frame back cover fixing screws.

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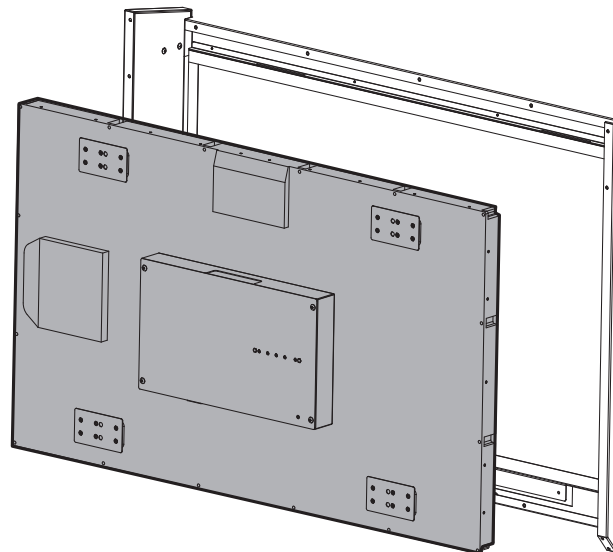
**4** Remove the screen frame fixing screws and remove the screen frame back cover carefully.

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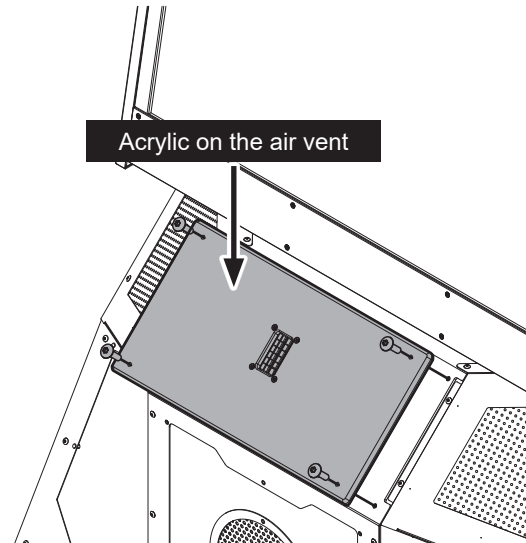
**5** After replacing the screen, reinstall the screen by reversing the steps.

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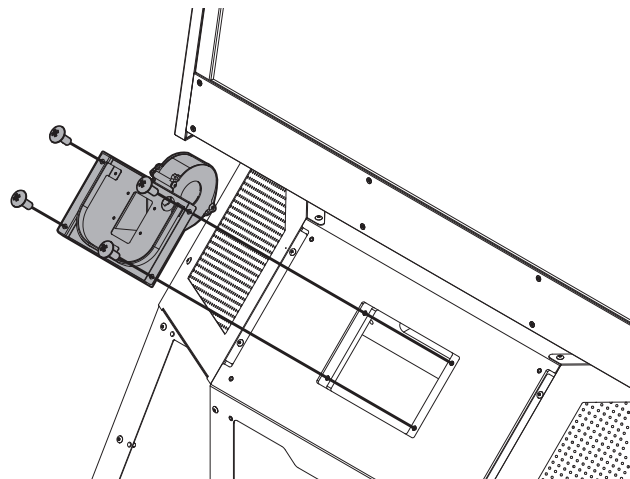


5.3.5 Maintenance instructions for the air vent blowers

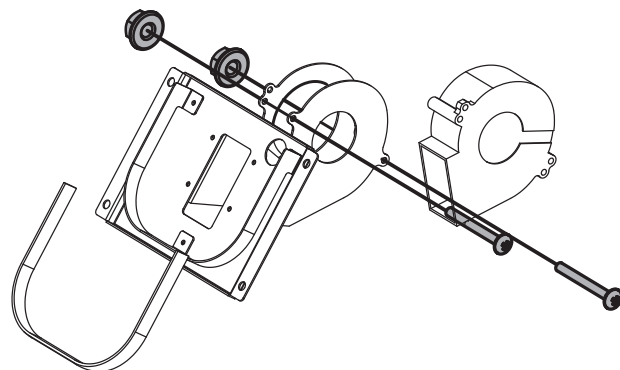
**1** Remove the acrylic on the air vent according to the diagram.



**2** Remove the blower fixing frame.



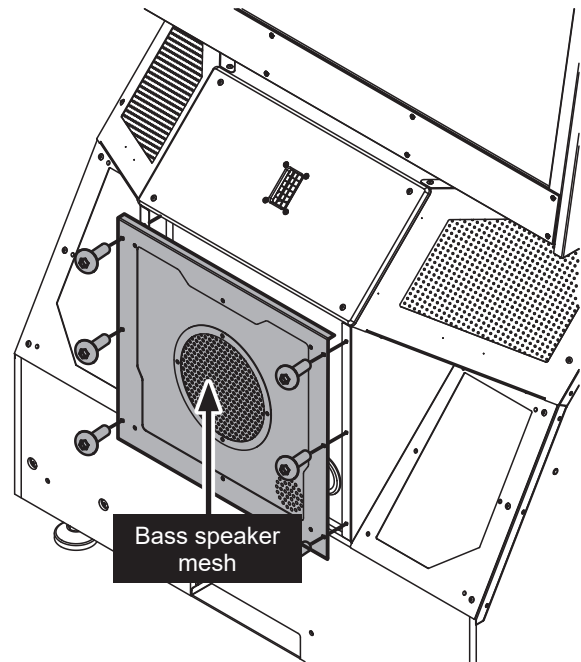
**3** Remove and replace the blowers according to the diagram, once completed, reinstall by reversing the steps.



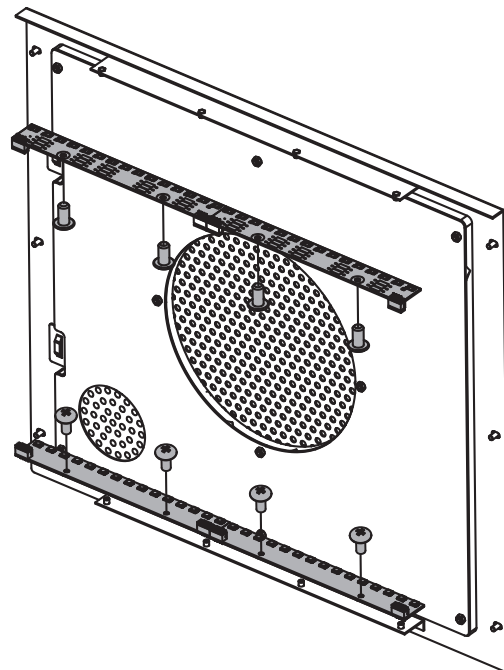
### 5.3.6 Maintenance instructions for bass speaker light board

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- 1** Remove the fixing screws from the bass speaker and remove the bass speaker mesh carefully.
- .....

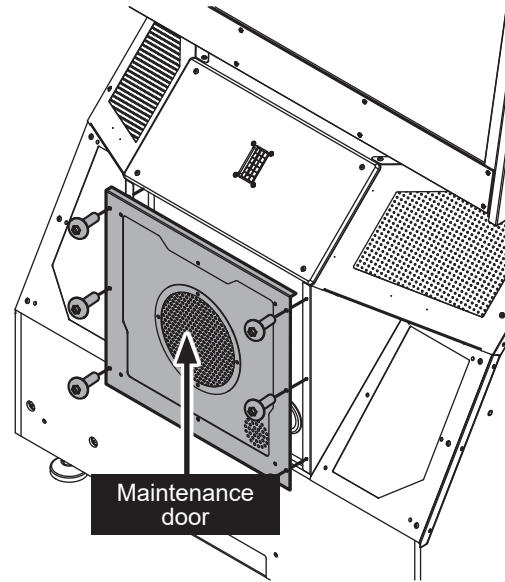


- 2** Remove the light board fixing screws according to the diagram and then begin maintenance.
- .....

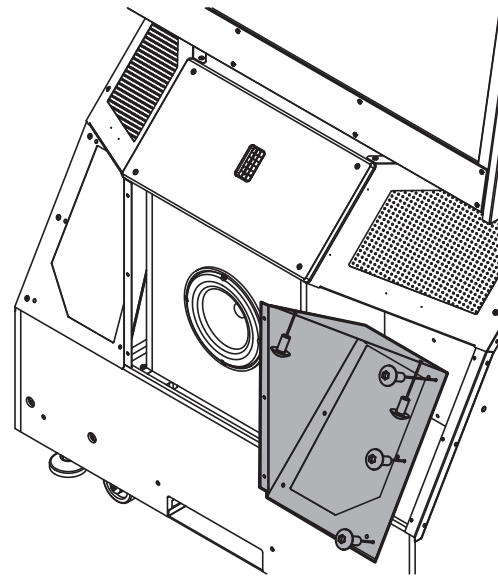


5.3.7 Maintenance instructions for the left-side and right-side guide light boards

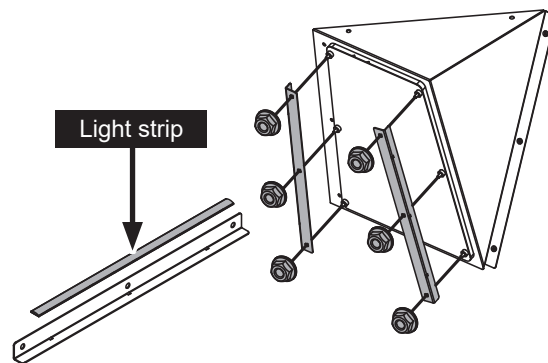
**1** Remove the fixing screws from the bass speaker and remove the bass speaker mesh carefully.



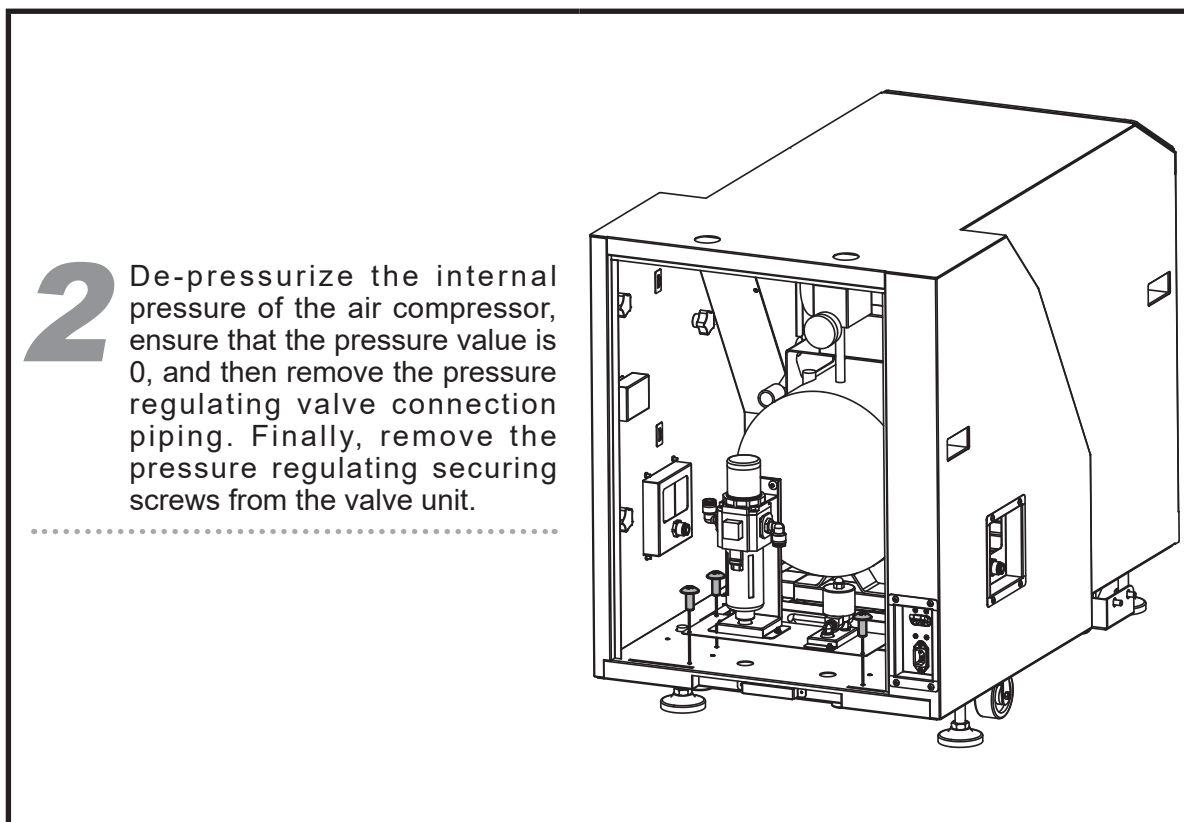
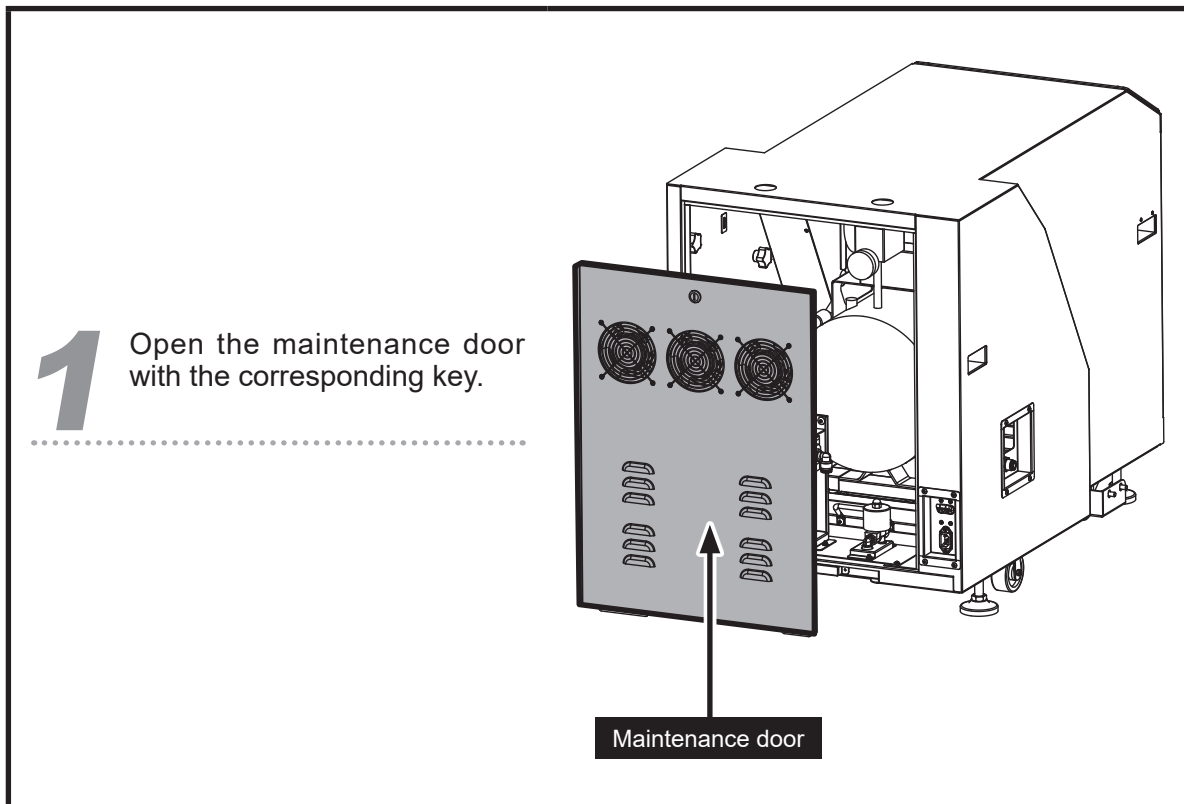
**2** Remove the fixing hardware of the left-side and right-side guide lights sheet metal according to the diagram.



**3** Remove the light strip fixing screws according to the diagram and then begin maintenance.

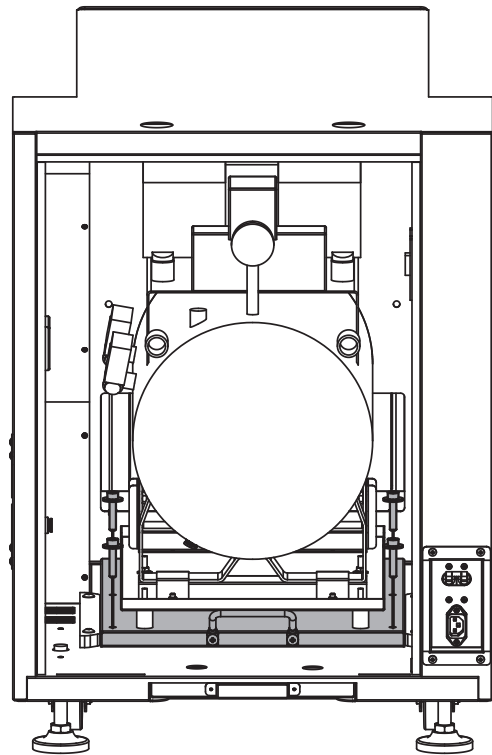


### 5.3.8 Maintenance instructions for the air compressor



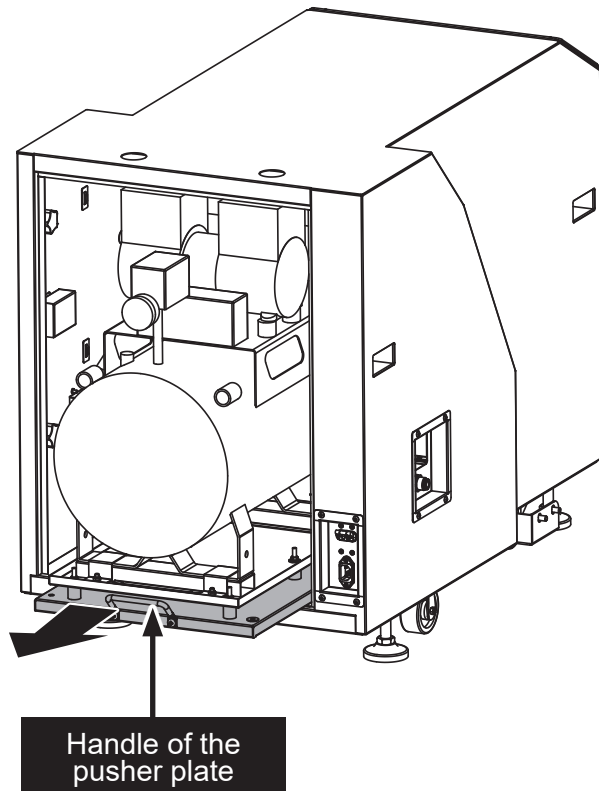
**3** Remove the securing screws from the air compressor tray.

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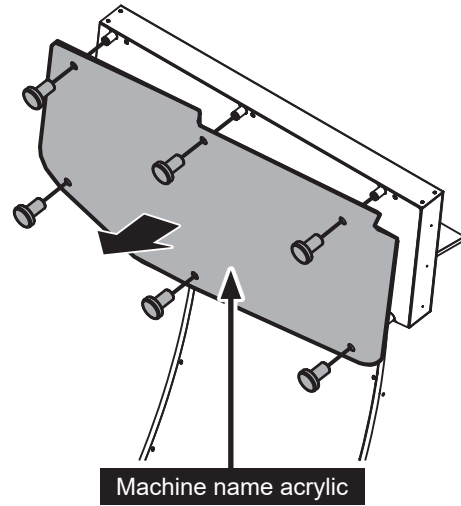
**4** Pull the handle of the pusher plate from the front and pull the air compressor outside the cabinet to carry out maintenance.

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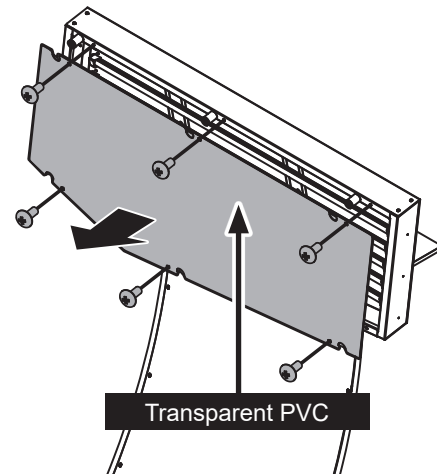


### 5.3.9 Maintenance instructions for machine name light box light strips

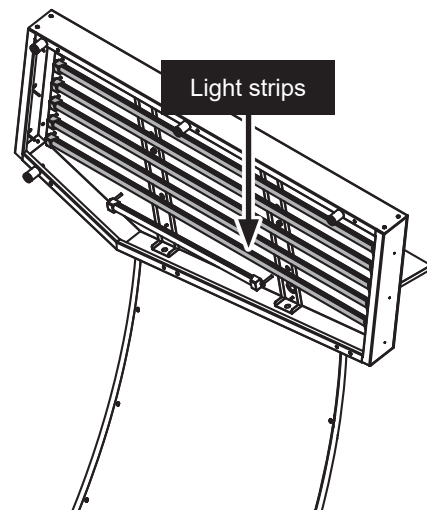
- 1** Remove the securing screws from machine name acrylic according to the diagram.



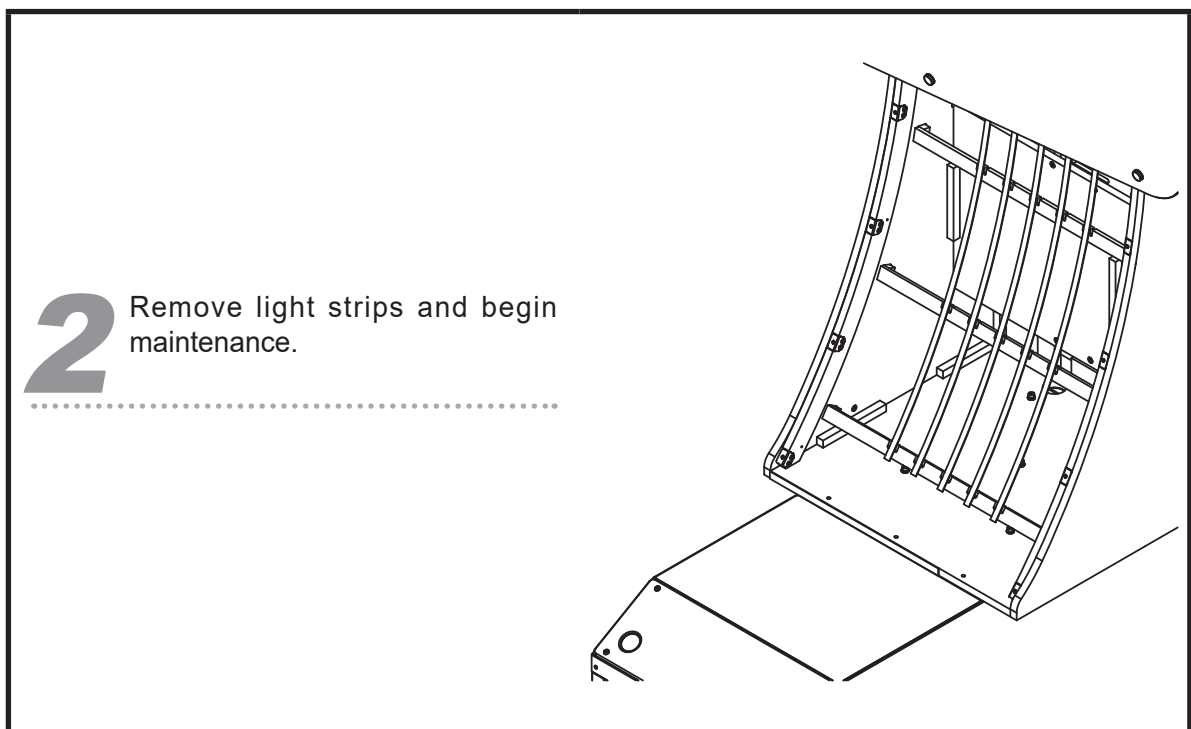
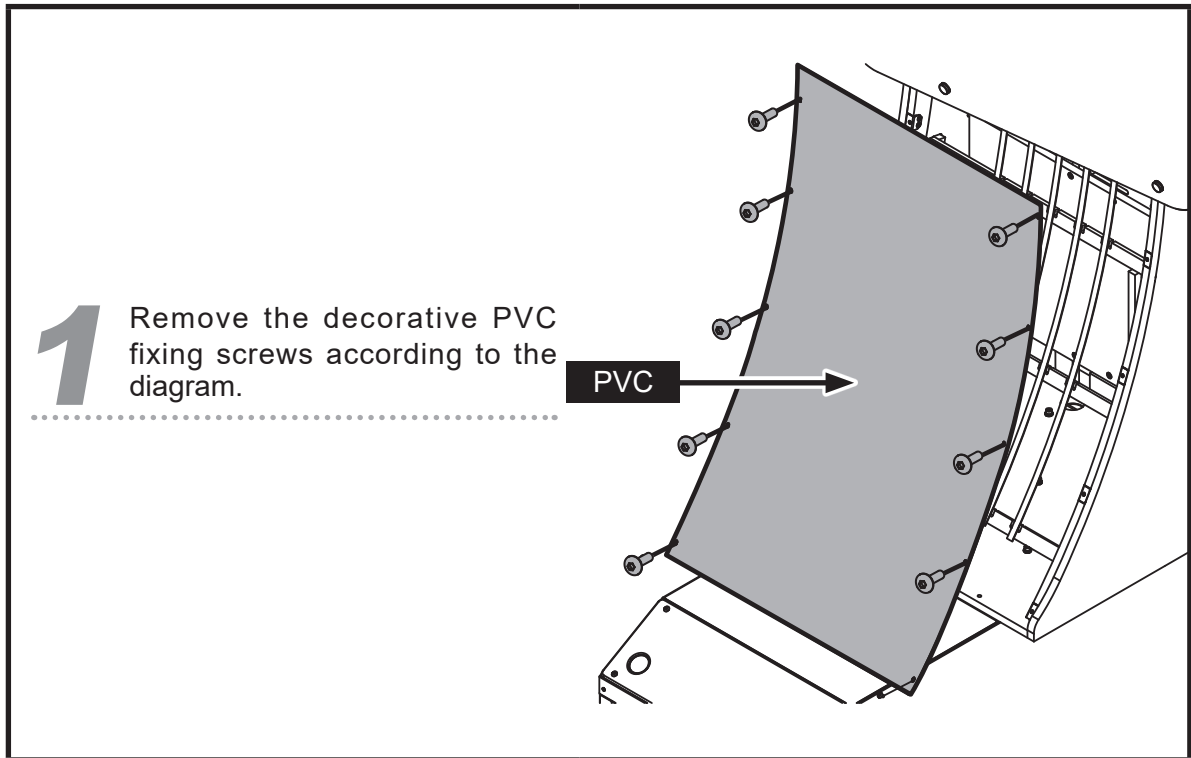
- 2** Remove the fixing screws from the transparent PVC according to the diagram.



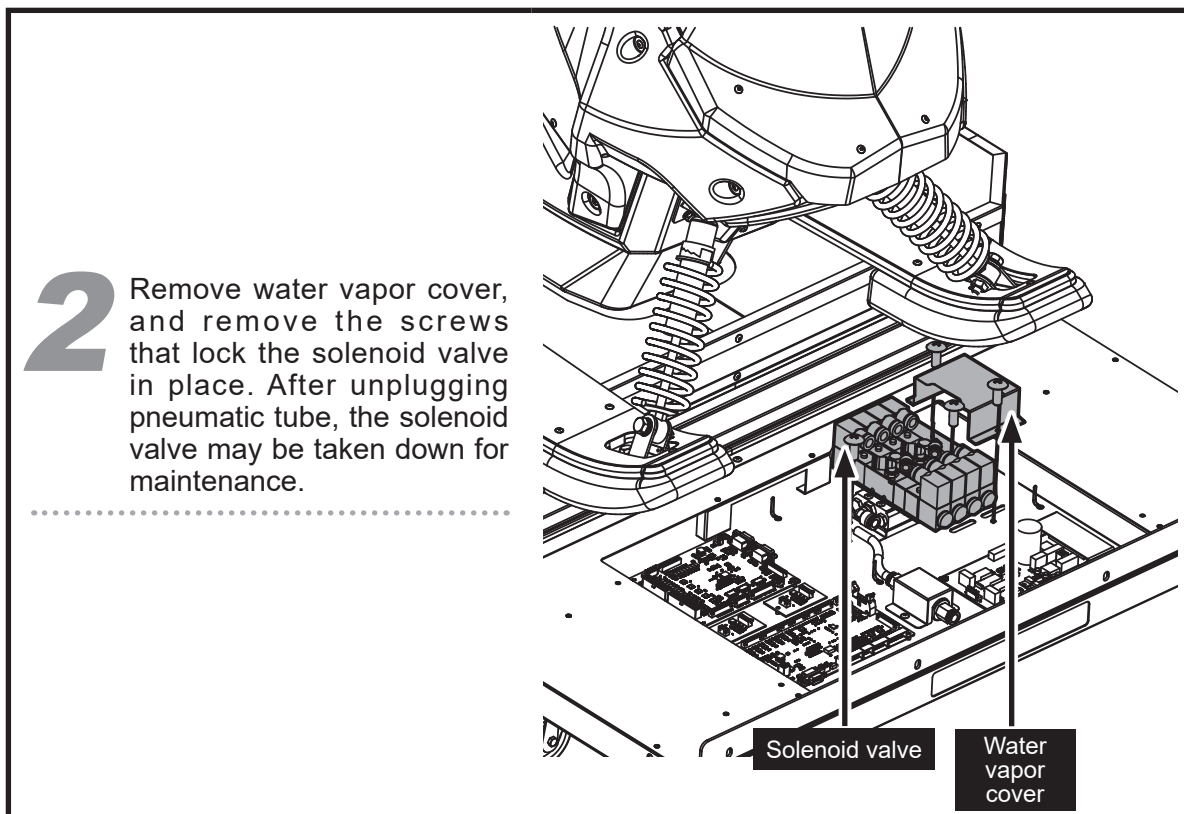
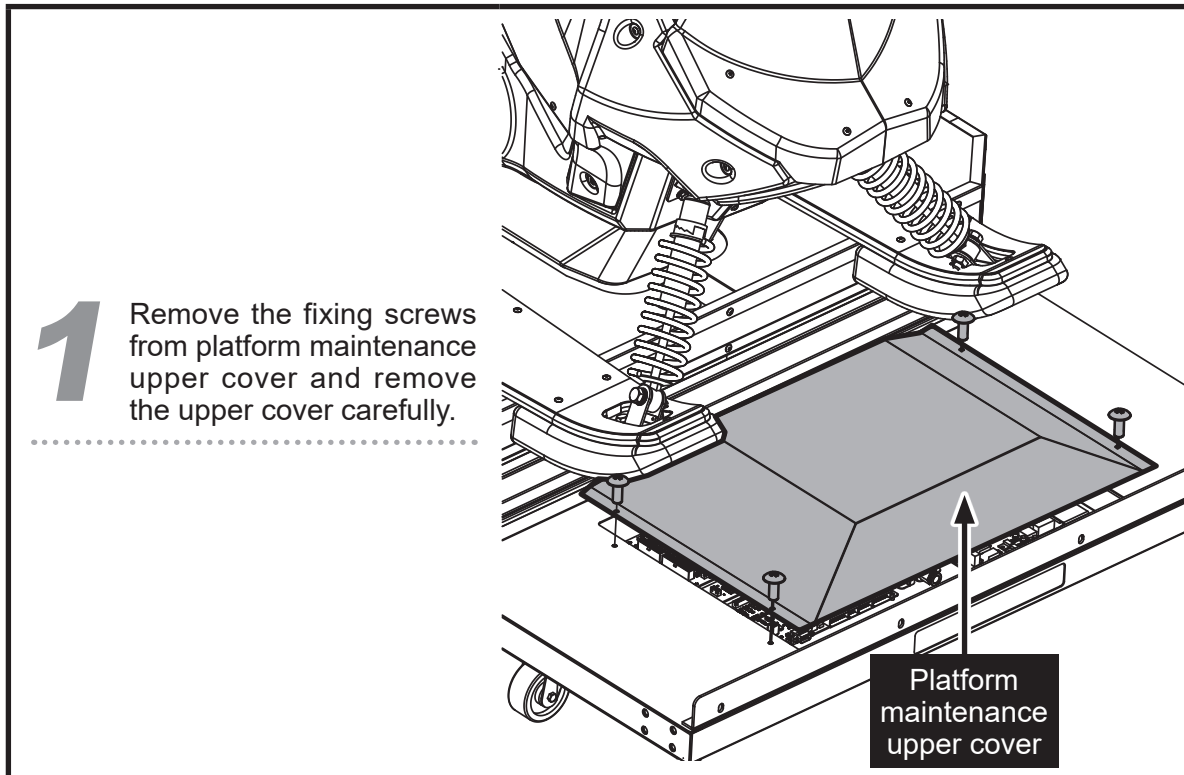
- 3** After replacing the light strips, reinstall by reversing the steps.



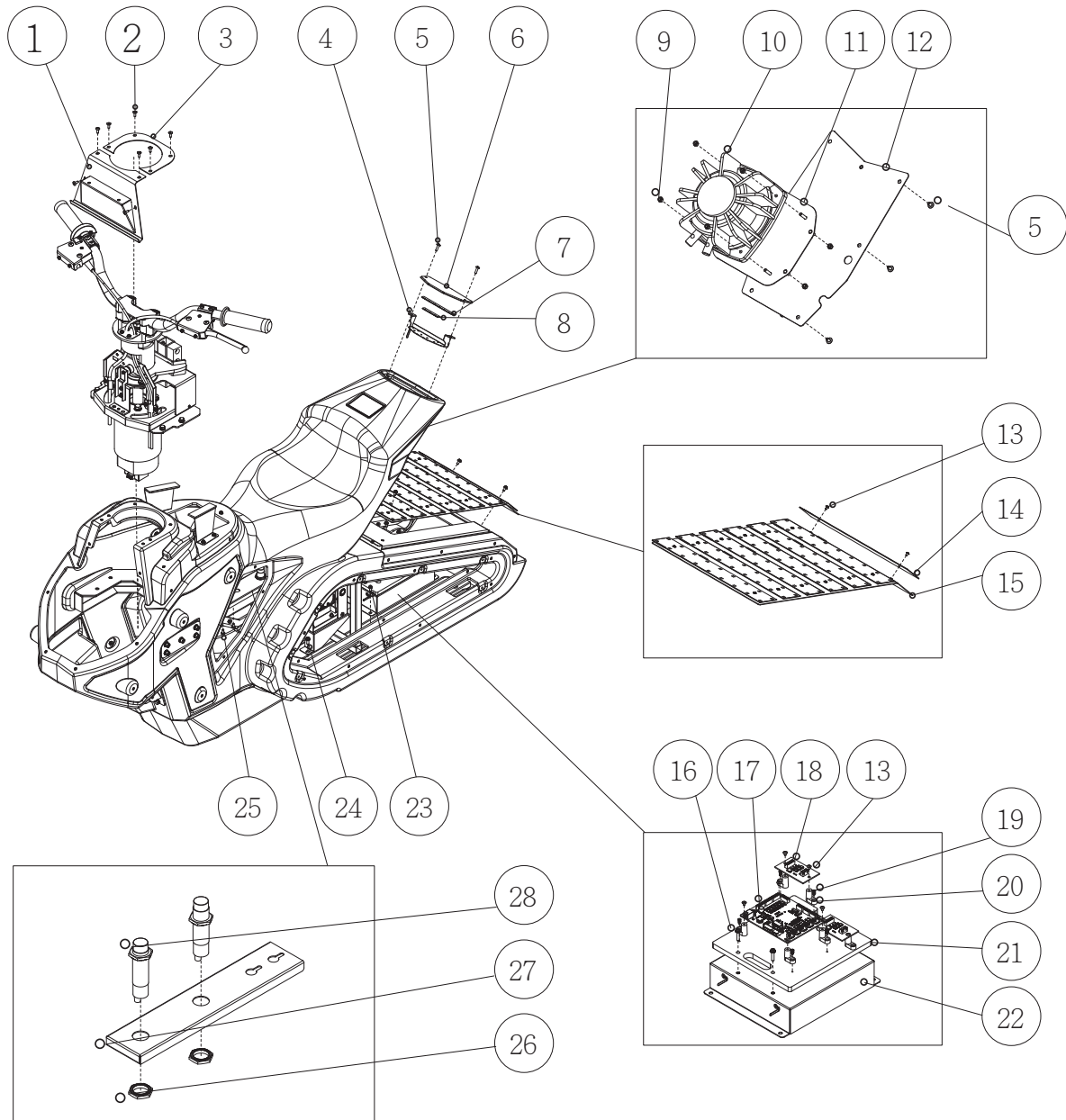
5.3.10 Maintenance instructions for springboard light strips



### 5.3.11 Maintenance instructions for the airbag solenoid valve



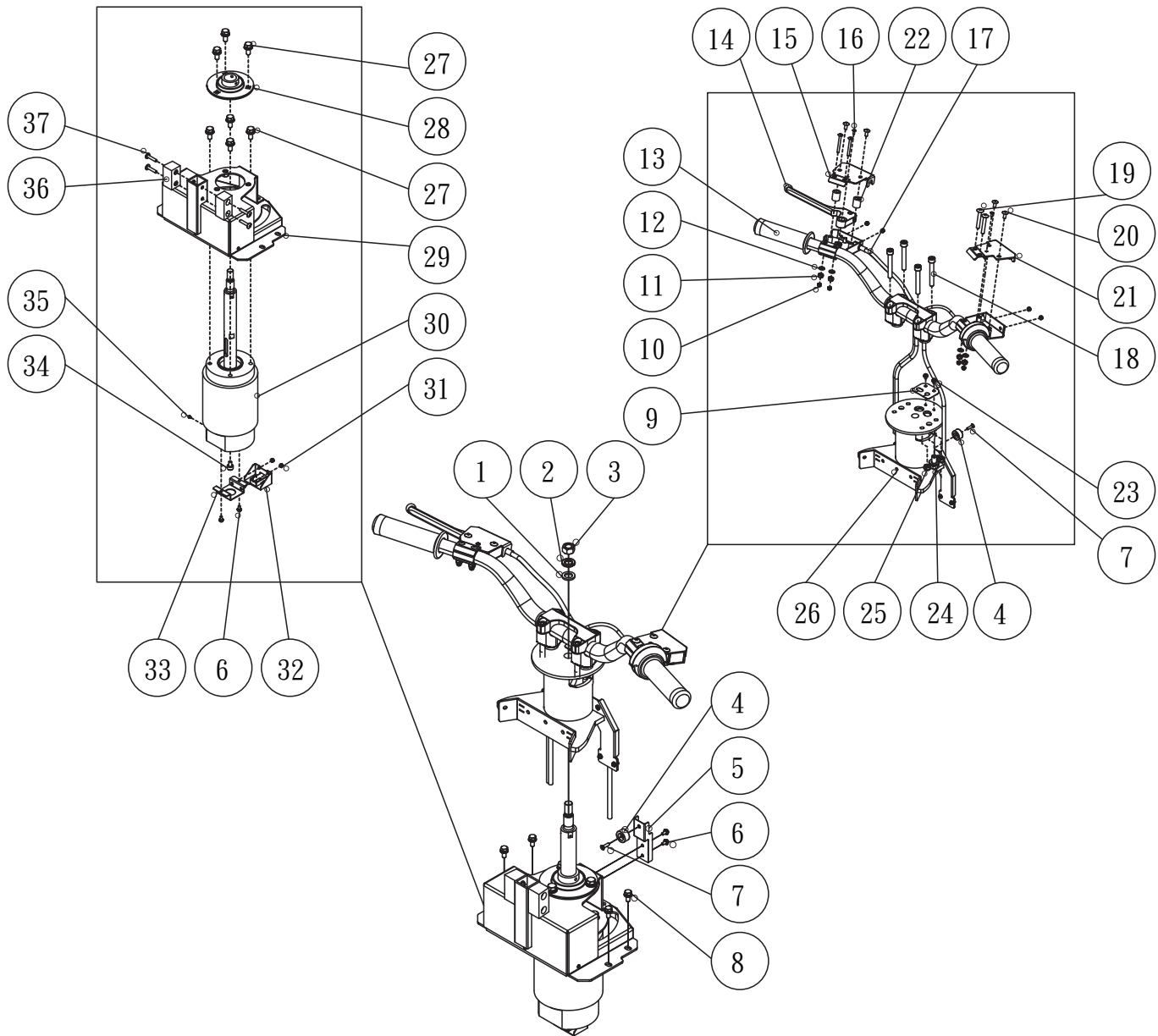
5.3.12 Explosion diagrams of the vehicle



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	steering handle bar cover - A	AMA-20-31610	1
2	Screw M4X12L	SCR_THSHS-N-M4X12L	8
3	steering handle bar cover - B	AMA-20-31620	1
4	tail light bracket	AMA-20-31820	1
5	Screw M4X15L	SCR_THSHS-N-M4X15L	9
6	tail light acrylic	AMA-20-31810	16
7	LED Light Strip 100mm	LED-100MM	1
8	LED Light Strip 50mm	LED-50MM	1
9	Nut M4	NYLON_NUT-M4	8
10	vibration speaker	NFS_SPEAKER-4INCH	1
11	vibration speaker fixing plate	AMA-20-31210	1
12	reflective PVC	AMA-20-11118-PVC	1
13	Screw M3X5L	SCR_THS-N-M3X5L	22
14	track light board	PCB	7
15	track light board fixing plate	AMA-20-31710	1

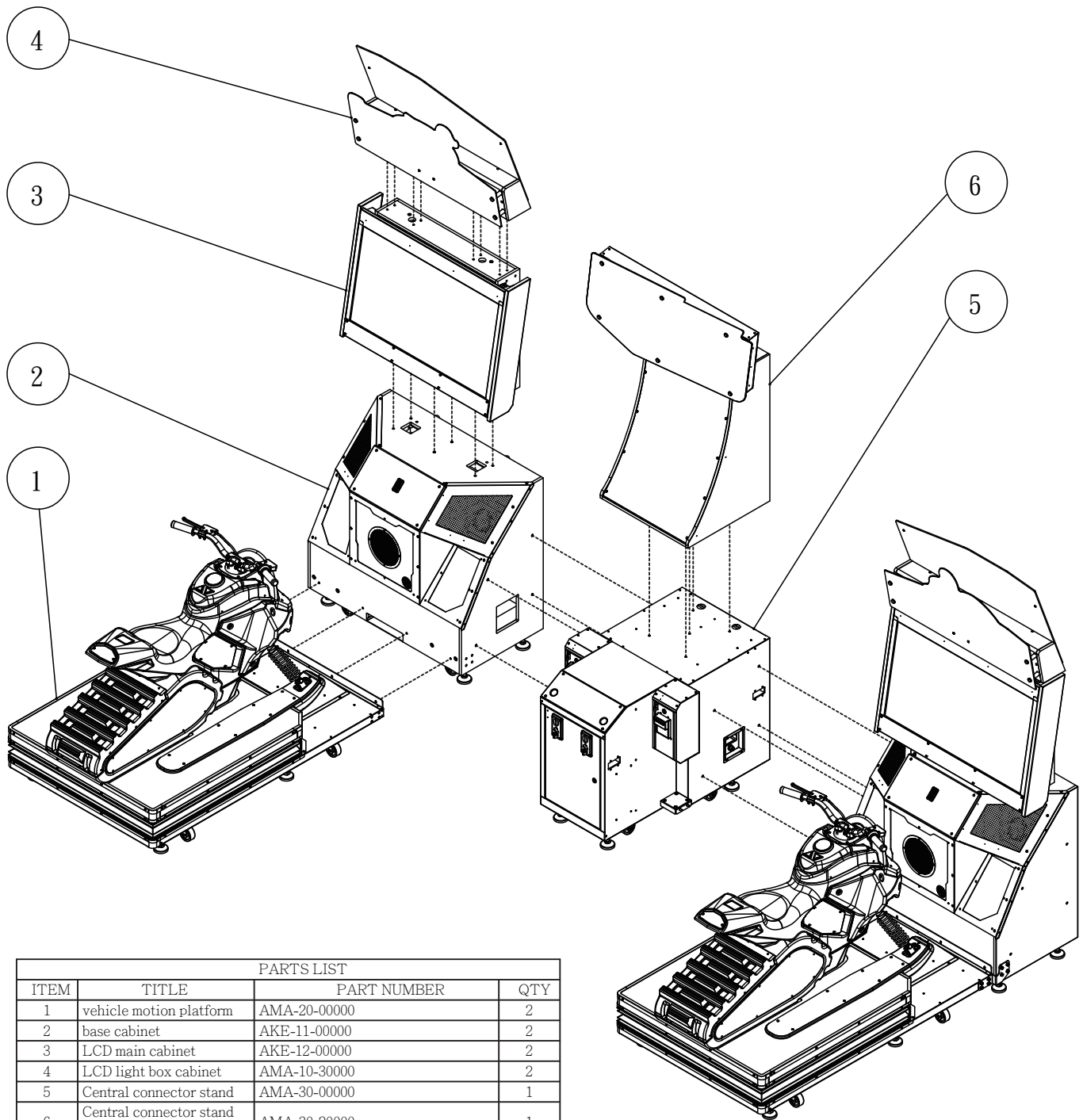
PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
16	Screw M4X20L	SCR_PHS-NC-M4X20L	2
17	MU - LED control panel	MU-1191-00	1
18	LED driver board	NP-1249-00	2
19	Screw A3X8L	SCR_FLAT-A3X8L	8
20	Circuit board L standoff fixed clips	L_TYPE	8
21	MU base board	AMA-20-31920	1
22	MU base board fixing plate	AMA-20-31910	1
23	Screw M4X12L	SCR_PHS-NC-M4X12L	4
24	Screw M5X15L	SCR_PHS-NC-M5X15L	3
25	Screw M4X10L	SCR_THS-N-M4X10L	2
26	sensor nut	LJC18A3-B-Z-BX-NUT	2
27	sensor bracket	AMA-20-31410	1
28	sensor	LJC18A3-B-Z-BX	2

# Maintenance and Repair



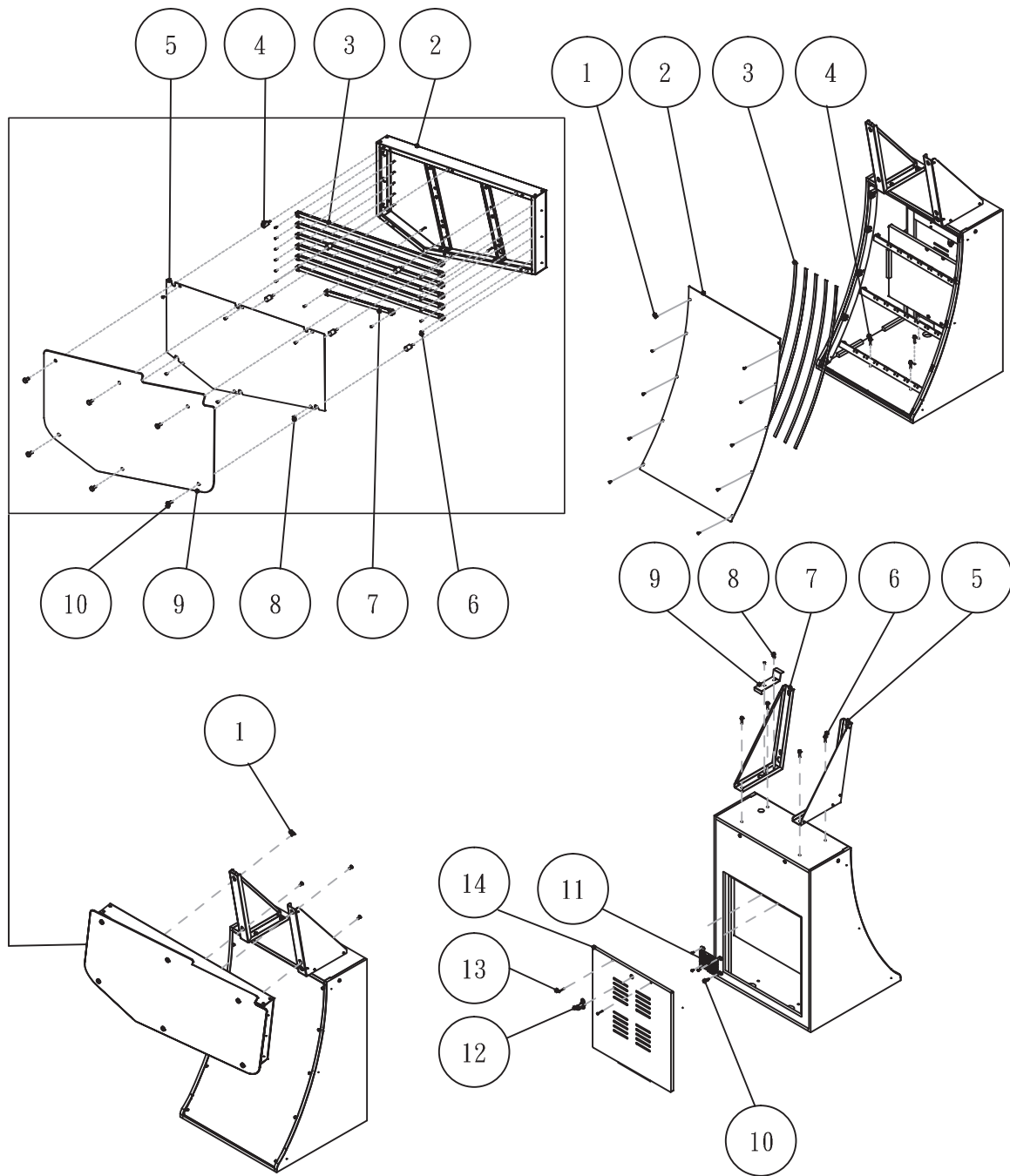
PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Wasser M12	WASHER_D12	1
2	Spring washer M12	WASHER_S-D12	1
3	Nut M12	HEX_NUT-M12	1
4	magnet	MAGNET-20X10MM	2
5	magnet fixing bracket	AMA-20-31531	1
6	Screw M4X10L	SCR_PHS-NC-M4X10L	4
7	Screw M4X15L	SCR_FHS-M4X15L	2
8	Screw M6X15L	SCR_HS-NC-M6X15L	4
9	PVC	AMA-20-31525-PVC	1
10	Nut M6	FNT6	4
11	Nut M6	NYLON_NUT-M6	4
12	Wasser M6	WASHER_D6	4
13	handle module	AMA-20-31522	1
14	brake lever	AMA-20-31523-3_01	1
15	cover - L	AMA-20-31523-4_MIR	5
16	Screw M3X8L	SCR_THSHS-N-M3X8L	2
17	steel rope module	PIPE	1
18	Screw M8X60L	SCR_HSHS-N-M8X60L	4

ITEM	TITLE	PART NUMBER	QTY
19	Screw M6X40L	SCR_THSHS-N-M6X40L	4
20	Screw M5X12L	SCR_THSHS-N-M5X12L	4
21	cover - R	AMA-20-31523-4	1
22	PU - A	AMA-20-31523-2	2
23	Screw M4X8L	SCR_PHS-NC-M4X8L	2
24	Screw M10X20L	SCR_HS-NC-M10X20L	2
25	Nut M8	NYLON_NUT-M8	4
26	handle base	AMA-20-31521	1
27	Screw M8X20L	SCR_HS-NC-M8X20L	7
28	bearing (PFL205 -d25)	PFL205	1
29	motor base	AMA-20-31511	1
30	motor	MOTOR_112ZY100-40_ASM_4	1
31	Nut M4	NYLON_NUT-M4	6
32	sensor magnet module - 1	AMA-20-31512-2	1
33	sensor magnet module bracket	AMA-20-31512-1	1
34	sensor magnet module - 0	MAGENT-D10	1
35	Screw M3X5L	SCR_PHS-N-M3X5L	1
36	PU - B	AMA-20-31513-25D	2
37	Screw M5X25L	SCR_THSHS-N-M5X25L	4



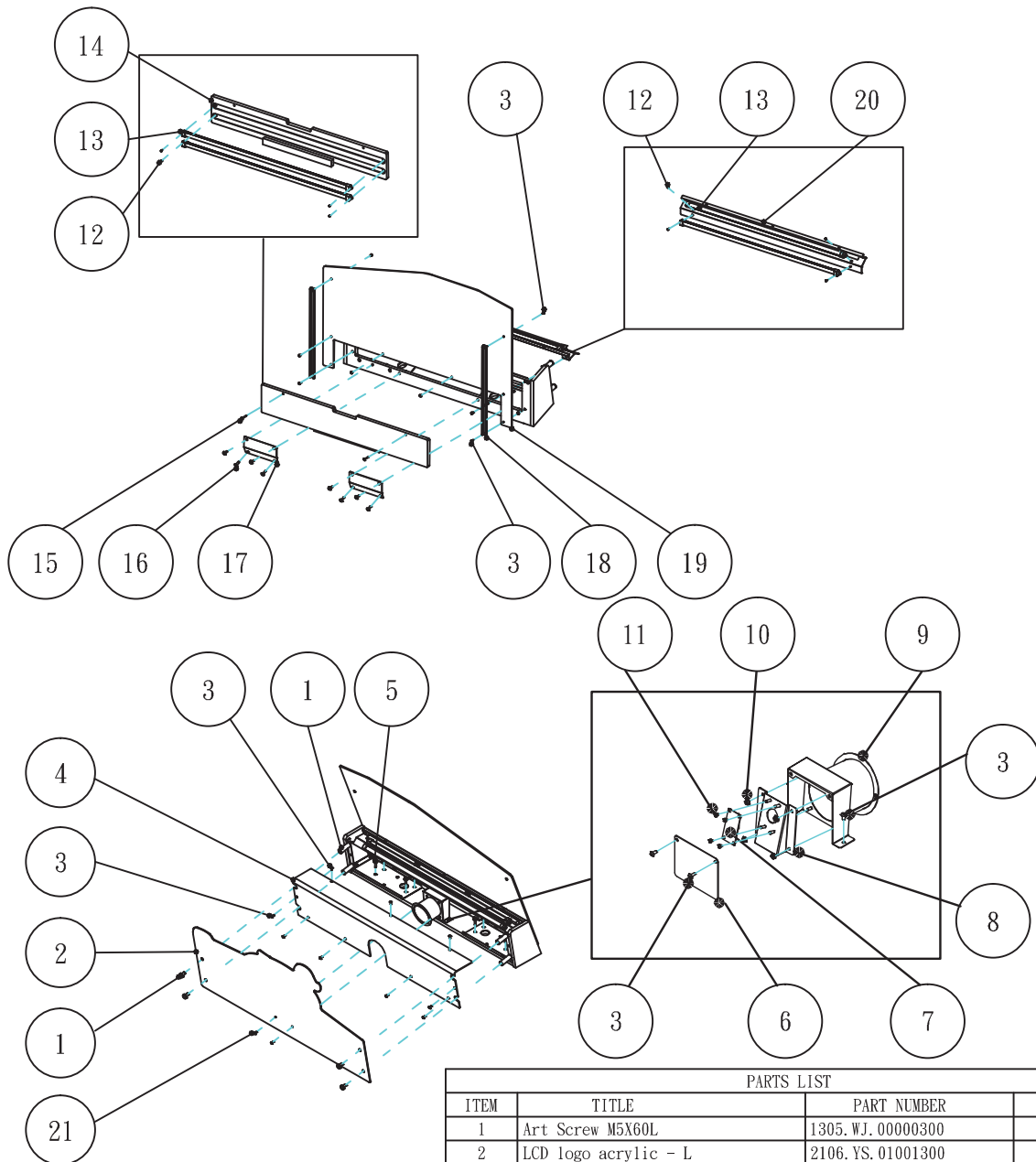
PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	vehicle motion platform	AMA-20-00000	2
2	base cabinet	AKE-11-00000	2
3	LCD main cabinet	AKE-12-00000	2
4	LCD light box cabinet	AMA-10-30000	2
5	Central connector stand	AMA-30-00000	1
6	Central connector stand light box cabinet	AMA-30-20000	1

## Maintenance and Repair



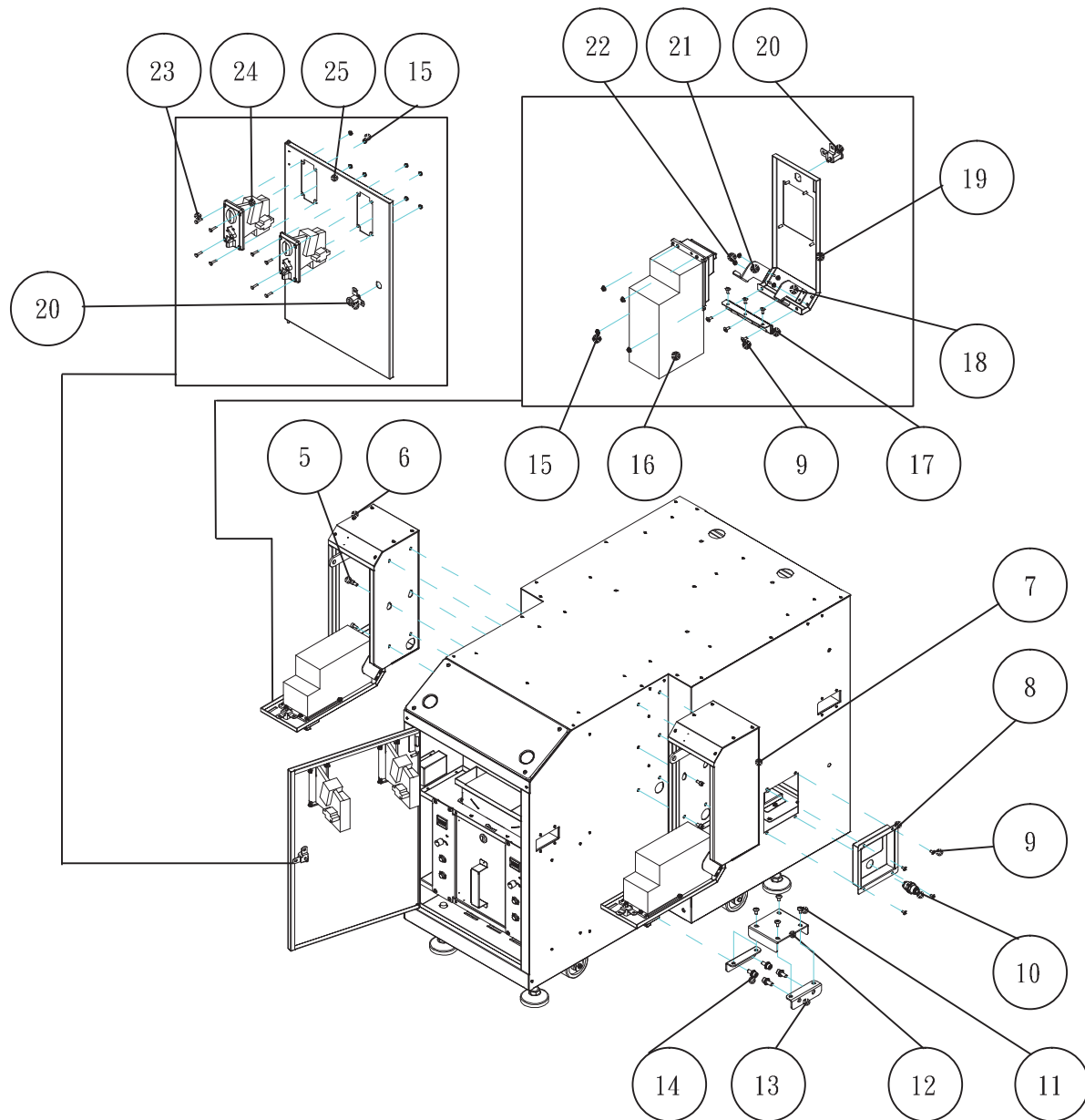
PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Screw M6X15L	0000.LS.001061600	4
2	logo name light box	2106.WJ.00008300	1
3	LED hard rigid tube bar lamp (Transparent cover) 900mm	2106.PJ.900110152	6
4	Art Screw M5X30L	1305.WJ.00000300	6
5	logo name light box PVC	2106.YS.01001200	1
6	Screw M3X8L	0000.LS.001030800	14
7	LED hard rigid tube bar lamp (Transparent cover) 400mm	2106.PJ.420100086	1
8	Screw M4X8L	0000.LS.001040800	6
9	logo name acrylic	2106.YS.01001101	1
10	Art screw cap	0000.LS.036061614	

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Screw M6X15L	0000.LS.001061600	10
2	Central connector stand light box acrylic	2106.YS.00003901	1
3	LED Light Strip 800mm	1902.PJ.505020950	5
4	Screw M6X30L	0000.LS.001063000	5
5	logo light box bracket - R	2106.WJ.00008000	1
6	Screw M6X30L	0000.LS.001063000	4
7	logo light box bracket - L	2106.WJ.00008100	1
8	Screw M3X8L	0000.LS.001040800	2
9	wire hole cover	2106.WJ.00008200	1
10	MU - LED control panel	MU-1191-00	1
11	Screw M4X10L	0000.LS.001041200	2



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Art Screw M5X60L	1305.WJ.00000300	4
2	LCD logo acrylic - L	2106.YS.01001300	1
3	Screw M4X10L	0000.LS.001041200	21
4	LCD light box curved acrylic	2106.YS.01001500	1
5	Screw M6X30L	0000.LS.001063000	8
6	camera module light shield plate	AKE-13-33000	1
7	camera circuit board	CAMERA-MIT-AA37HBA-AWA	1
8	camera bracket	2106.WJ.00009600	1
9	camera bracket frame	1902.WJ.00005500	1
10	Nut M4	0000.LS.327040013	4
11	Screw M3X6L	0000.LS.001030600	4
12	Screw M3X8L	0000.LS.001030800	8
13	LED hard rigid tube bar lamp (Transparent cover) 800mm	2106.PJ.820100014	4
14	LCD light box maintenance door	BH2106-MC0800-00	1
15	Screw M4X30L	0000.LS.001043000	2
16	Screw M6X20L	0000.LS.001062000	8
17	LCD light box fixing metal plate	2106.WJ.00008700	2
18	PVC foam board bracket	2106.WJ.00009100	2
19	LCD light box PVC foam board	2106.YS.01002300	1
20	LCD light strip bracket	2106.PJ.900110152	1
21	Screw M4X10L	0000.LS.001041200	2

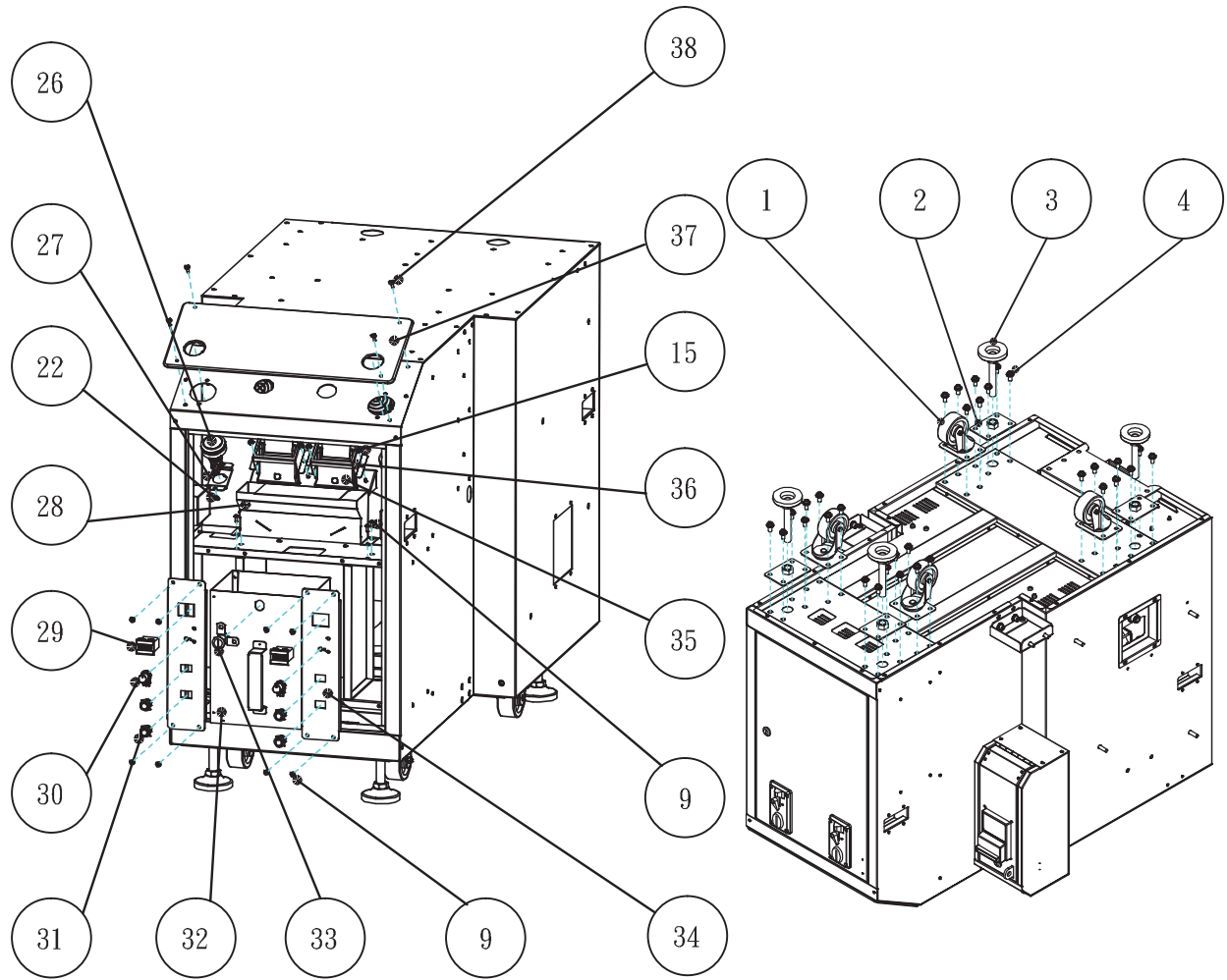
# Maintenance and Repair



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	3 inch leg leveler	0000.PJ.13000405	4
2	leg leveler sheet plate	1902.WJ.00006800	4
3	leg leveler	0000.PJ.631161000	4
4	Screw M8X20L	0000.LS.010082000	32
5	Screw M6X12L	0000.LS.010061200	12
6	bill acceptor module frame (left)	2106.WJ.00013500	1
7	bill acceptor module frame (right)	2106.WJ.00013600	1
8	air compressor tube fixing metal plate	1902.WJ.00007300	2
9	Screw M4X10L	0000.LS.001041200	32
10	Straight connector	1902.PJ.01001400	2
11	Screw M6X12L	0000.LS.010061200	8
12	Cabinet connection bracket A cover	1902.WJ.00011200	2
13	Cabinet connection bracket A	1902.WJ.00008700	4
14	Screw M8X20L	0000.LS.010082000	8
15	Nut M4	0000.LS.327040013	20
16	bill acceptor	SCR_THS-N-M6X20L	2
17	hinge	2106.WJ.00013800	2
18	bill acceptor maintenance part -1 (right)	2106.WJ.00013900	2
19	bill acceptor maintenance door	2106.WJ.00013700	2

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
20	Lock	0000.PJ.651160080	3
21	bill acceptor maintenance part -2 (left)	2106.WJ.00014000	2
22	Nut M4	0000.LS.327040013	12
23	Screw M4X20L	0000.LS.001042000	8
24	Coin acceptor	0000.LS.001042000	2
25	front connector stand maintenance door	2106.WJ.00010400	1
26	motion stop button	2106.PJ.02001000	2
27	motion stop button bracket	2106.WJ.00009200	2
28	coin funnel	1902.WJ.00007100	1
29	Counter	0000.DZ.742030600	2
30	Volume	1210.BC.A00000001	2
31	Control panel button	0000.SJ.523124516	4
32	Coin Box	1902.WJ.00007200	1
33	Coin Box Lock	0000.PJ.651161180	1
34	Control panel sheet plate	0000.LS.001042000	2
35	Card reader	SMART_CARD_READER_WLX-285	2
36	Card reader bracket	2106.WJ.00009800	2
37	motion stop button acrylic	2106.YS.01001001	1
38	Screw M4X12L	0000.LS.03040121	4

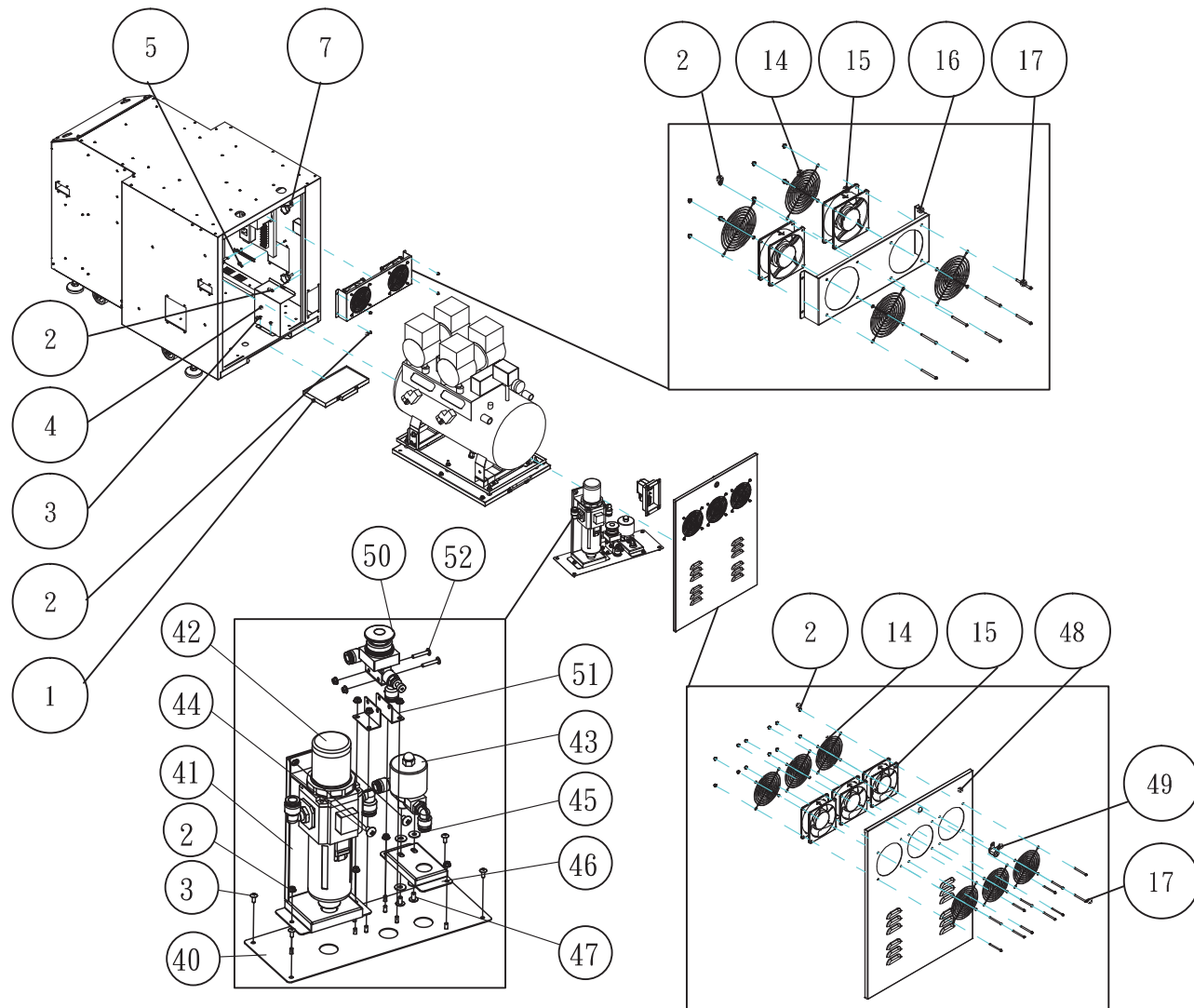
## Maintenance and Repair



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	3 inch leg leveler	0000.PJ.13000405	4
2	leg leveler sheet plate	1902.WJ.00006800	4
3	leg leveler	0000.PJ.631161000	4
4	Screw M8X20L	0000.LS.010082000	32
5	Screw M6X12L	0000.LS.010061200	12
6	bill acceptor module frame (left)	2106.WJ.00013500	1
7	bill acceptor module frame (right)	2106.WJ.00013600	1
8	air compressor tube fixing metal plate	1902.WJ.00007300	2
9	Screw M4X10L	0000.LS.001041200	32
10	Straight connector	1902.PJ.01001400	2
11	Screw M6X12L	0000.LS.010061200	8
12	Cabinet connection bracket A cover	1902.WJ.00011200	2
13	Cabinet connection bracket A	1902.WJ.00008700	4
14	Screw M8X20L	0000.LS.010082000	8
15	Nut M4	0000.LS.327040013	20
16	bill acceptor	SCR_THS-N-M6X20L	2
17	hinge	2106.WJ.00013800	2
18	bill acceptor maintenance part -1 (right)	2106.WJ.00013900	2
19	bill acceptor maintenance door	2106.WJ.00013700	2

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
20	Lock	0000.PJ.651160080	3
21	bill acceptor maintenance part -2 (left)	2106.WJ.00014000	2
22	Nut M4	0000.LS.327040013	12
23	Screw M4X20L	0000.LS.001042000	8
24	Coin acceptor	0000.LS.001042000	2
25	front connector stand maintenance door	2106.WJ.00010400	1
26	motion stop button	2106.PJ.02001000	2
27	motion stop button bracket	2106.WJ.00009200	2
28	coin funnel	1902.WJ.00007100	1
29	Counter	0000.DZ.742030600	2
30	Volume	1210.BC.A00000001	2
31	Control panel button	0000.SJ.523124516	4
32	Coin Box	1902.WJ.00007200	1
33	Coin Box Lock	0000.PJ.651161180	1
34	Control panel sheet plate	0000.LS.001042000	2
35	Card reader	SMART_CARD_READER_WLX-285	2
36	Card reader bracket	2106.WJ.00009800	2
37	motion stop button acrylic	2106.YS.01001001	1
38	Screw M4X12L	0000.LS.03040121	4

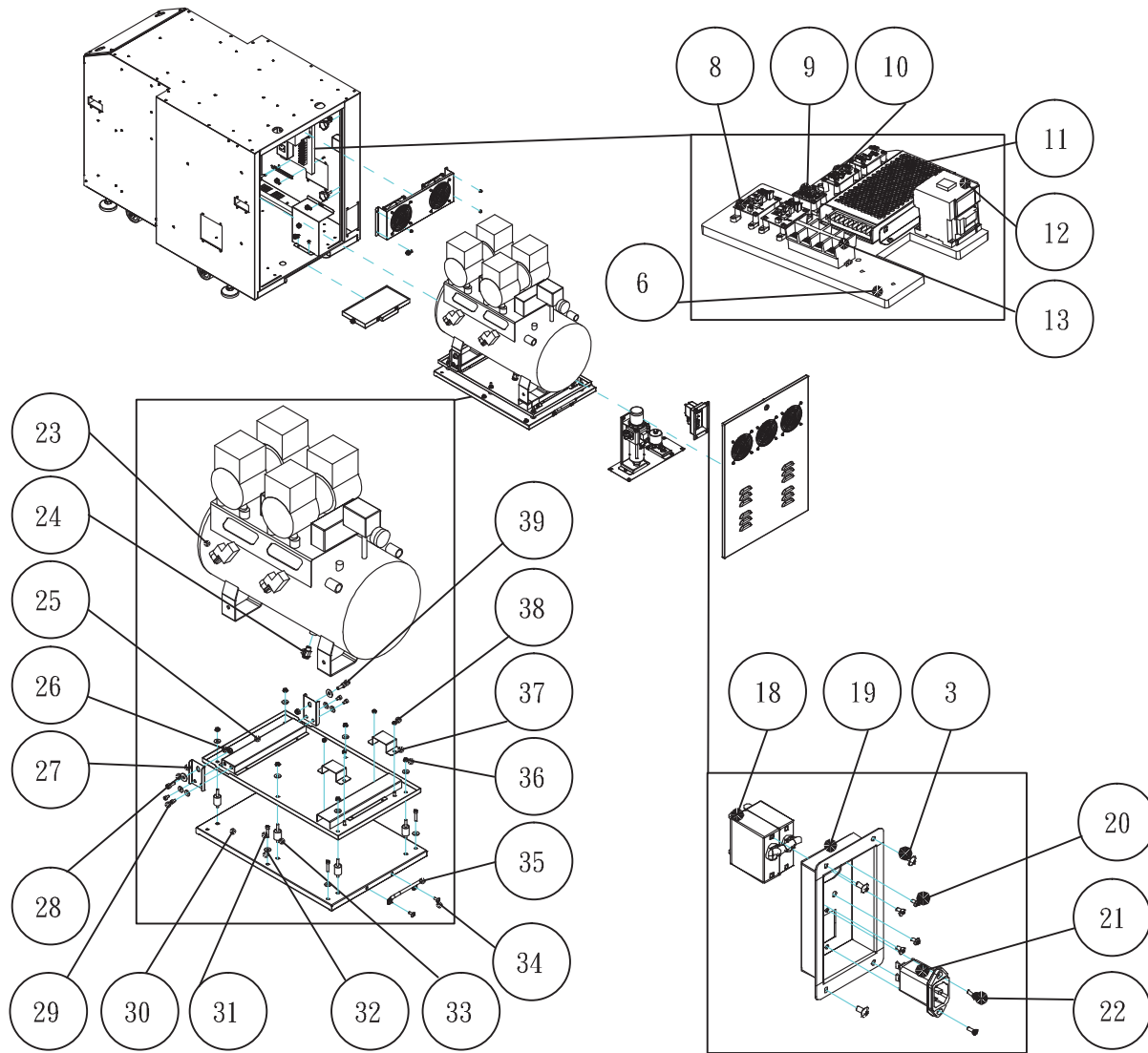
# Maintenance and Repair



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	water collection tray	1902.WJ.00007900	1
2	Nut M4	0000.LS.327040013	33
3	Screw M4X10L	0000.LS.001041000	10
4	power in protection cover	1902.WJ.00007600	1
5	Nut M4	0000.LS.327040013	2
6	Control board board	BH1902-MC0700-01	1
7	Screw M6X25L	0000.LS.135062051	8
8	N-type switch board OC	1902.DZ.07000445	2
9	Power detection board NI-A	1902.DZ.07000443	1
10	Motor drive plate	1404.BC.C01000001	2
11	POWER	0000.JD.1LRS35012	1
12	AC connection	1902.JD.00003300	1
13	extension cord socket	POWER-S_4HOLE	1
14	Fan guard	0000.PJ.681900510	10
15	Fan	0000.PJ.08000500	5
16	Fan holder	1902.WJ.00006900	1
17	Screw M4X50L	0000.LS.001045000	20
18	Crcuit breaker	00001000	1
19	power in box	1902.WJ.00007500	1
20	Screw M3X6L	0000.LS.001030600	4
21	line filter socket	1902.JD.00000100	1
22	Screw M3X10L	0000.LS.001031000	2
23	Air Compressor	1902.JD.00002000	1
24	Straight connector	1902.PJ.01001200	1
25	Air Compressor stand	1902.WJ.00008300	1
26	Nut M6	0000.LS.326060012	2

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
27	<b>Air compressor fixing metal plate - A</b>	1902.WJ.00008500	2
28	Wasser M6	0000.LS.133061612	2
29	Screw M6X10L	0000.LS.010061200	4
30	Air compressor base	1902.WJ.00008600	1
31	Screw M6X30L	0000.LS.001063000	4
32	Wasser M6	0000.LS.133061612	14
33	Rubber shock absorber	1002.PJ.00000600	6
34	Screw M6X15L	0000.LS.001061600	2
35	handle grip	1128.PJ.00001000	1
36	Nut M6	0000.LS.326060012	6
37	<b>Air compressor fixing metal plate - B</b>	1902.WJ.00008400	2
38	Nut M6	0000.LS.326060012	4
39	Screw M6X20L	0000.LS.001062000	2
40	drain valve / pressure regulating valve fixing metal plate	1902.WJ.00008000	1
41	pressure regulating valve bracket	1902.WJ.00008200	1
42	pressure regulating valve	1902.PJ.01000100	1
43	drain valve	1902.JD.00000700	1
44	Screw M6X10L	0000.LS.010061200	2
45	Wasser M5	1902.PJ.00004000	4
46	drain valve bracket	1902.WJ.00008100	1
47	Screw M5X6L	0000.LS.001050600	2
48	connector stand maintenance door	1902.WJ.00007800	1
49	Lock	0000.PJ.651260080	1
50	<b>Manual Valve</b>		1
51	<b>Fixing Bracket</b>		1
52	<b>Screw M4x25L</b>		2

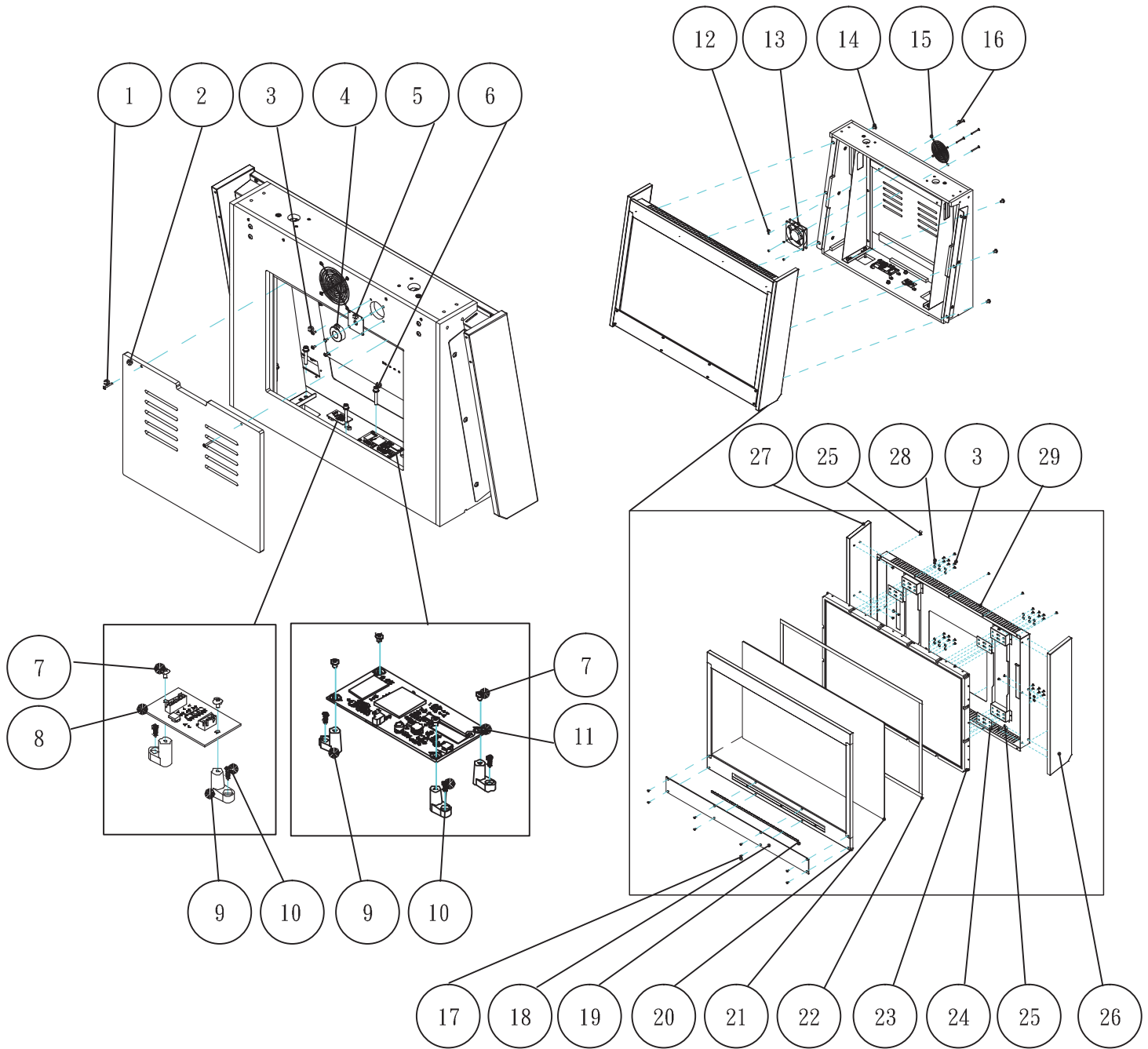
# Maintenance and Repair



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	water collection tray	1902.WJ.00007900	1
2	Nut M4	0000.LS.327040013	27
3	Screw M4X10L	0000.LS.001041000	10
4	power in protection cover	1902.WJ.00007600	1
5	Nut M4	0000.LS.327040013	2
6	Control board board	BH1902-MC0700-01	1
7	Screw M6X25L	0000.LS.135062051	8
8	N-type switch board OC	1902.DZ.07000445	2
9	Power detection board NI-A	1902.DZ.07000443	1
10	Motor drive plate	1404.BC.C01000001	2
11	POWER	0000.JD.1LRS35012	1
12	AC connection	1902.JD.00003300	1
13	extension cord socket	POWER-S_4HOLE	1
14	Fan guard	0000.PJ.681900510	10
15	Fan	0000.PJ.08000500	5
16	Fan holder	1902.WJ.00006900	1
17	Screw M4X50L	0000.LS.001045000	20
18	Circuit breaker	00001000	1
19	power in box	1902.WJ.00007500	1
20	Screw M3X6L	0000.LS.001030600	4
21	line filter socket	1902.JD.00000100	1
22	Screw M3X10L	0000.LS.001031000	2
23	Air Compressor	1902.JD.00002000	1
24	Straight connector	1902.PJ.01001200	1
25	Air Compressor stand	1902.WJ.00008300	1
26	Nut M6	0000.LS.326060012	2

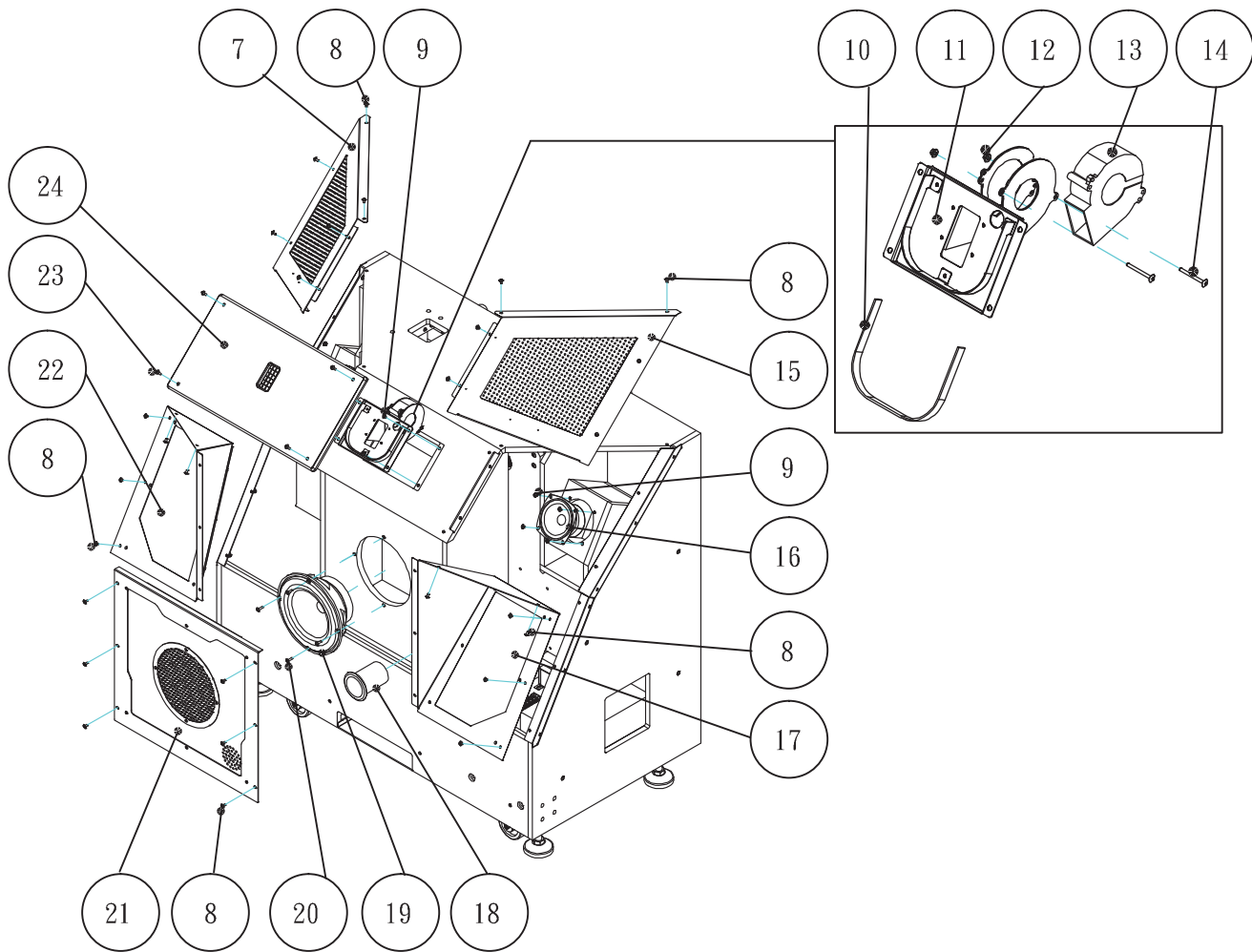
PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
27	Air compressor fixing metal plate - A	1902.WJ.00008500	2
28	Wasser M6	0000.LS.133061612	2
29	Screw M6X10L	0000.LS.010061200	4
30	Air compressor base	1902.WJ.00008600	1
31	Screw M6X30L	0000.LS.001063000	4
32	Wasser M6	0000.LS.133061612	14
33	Rubber shock absorber	1002.PJ.00000600	6
34	Screw M6X15L	0000.LS.001061600	2
35	handle grip	1128.PJ.00001000	1
36	Nut M6	0000.LS.326060012	6
37	Air compressor fixing metal plate - B	1902.WJ.00008400	2
38	Nut M6	0000.LS.326060012	4
39	Screw M6X20L	0000.LS.001062000	2
40	drain valve / pressure regulating valve fixing metal plate	1902.WJ.00008000	1
41	pressure regulating valve bracket	1902.WJ.00008200	1
42	pressure regulating valve	1902.PJ.01000100	1
43	drain valve	1902.JD.00000700	1
44	Screw M6X10L	0000.LS.010061200	2
45	Wasser M5	1902.PJ.00004000	4
46	drain valve bracket	1902.WJ.00008100	1
47	Screw M5X6L	0000.LS.001050600	2
48	connector stand maintenance door	1902.WJ.00007800	1
49	Lock	0000.PJ.651260080	1

# Maintenance and Repair

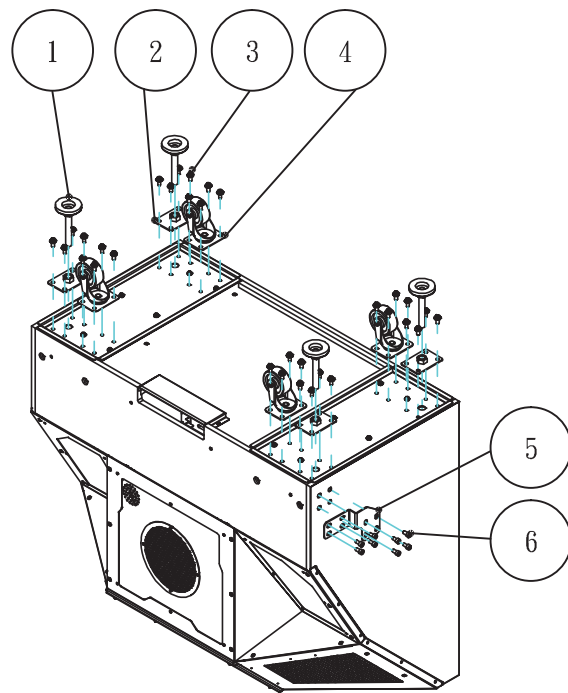


PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Screw M4X30L	0000.LS.005043000	2
2	maintenance door of LCD main cabinet	BH2106-MC0700-00	1
3	Screw M4X10L	0000.LS.005041201	28
4	4G antenna (No such function)		1
5	antenna fixing metal plate	2106.WJ.00011000	1
6	Screw M8X50L	0000.LS.001085000	6
7	Screw M3X5L	SCR_THS-N-M3X5L	8
8	LED driver board	NP-1249-00	1
9	Circuit board L standoff fixed clips	L_TYPE	8
10	Screw A3X8L	SCR_FLAT-A3X8L	8
11	4G LTE module	NC-1224-00	1
12	Nut M4	HEX_NUT-M4	4
13	Fan	0000.PJ.08000500	1
14	Screw M6X16L	0000.LS.005061600	6

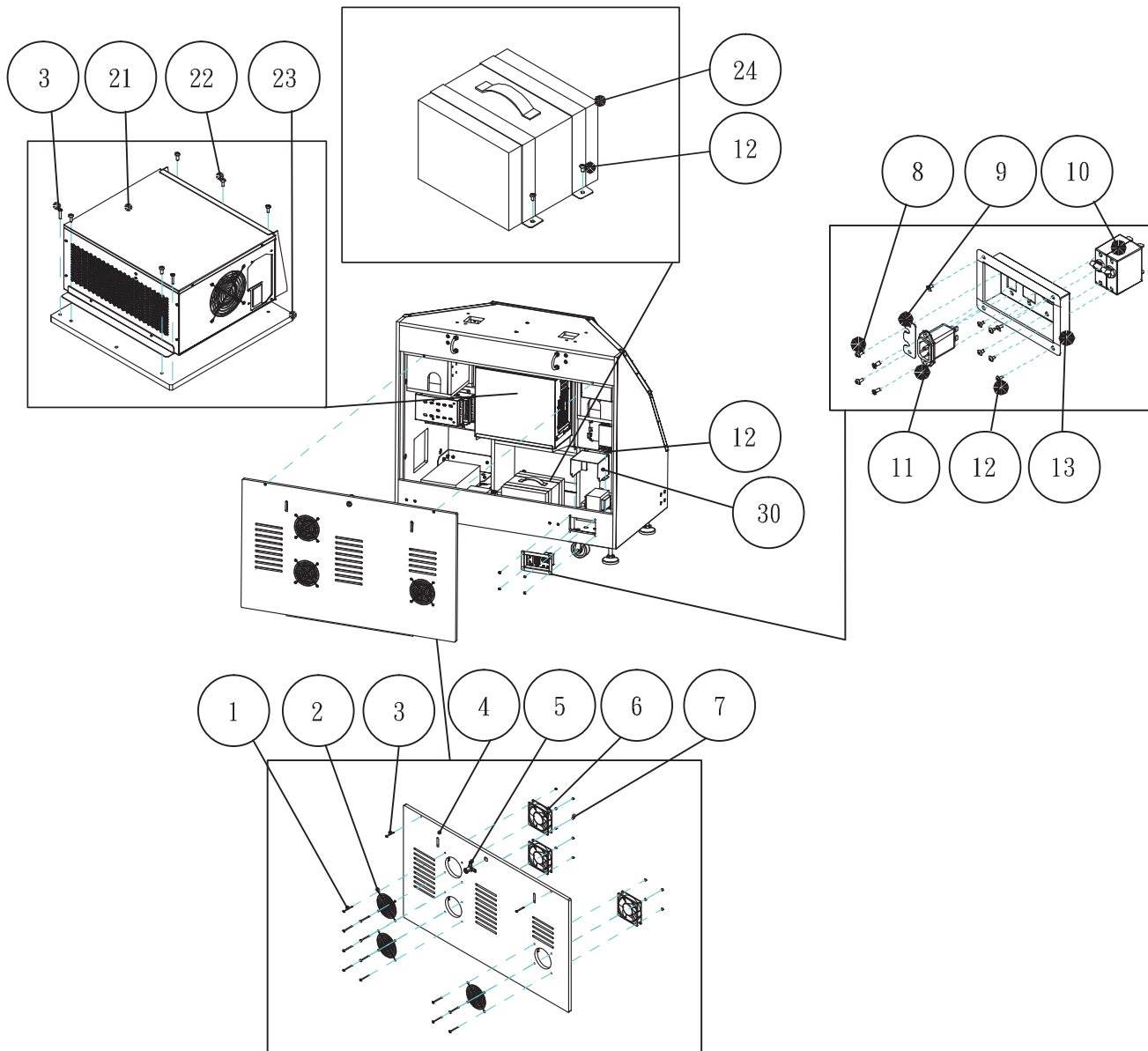
PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
15	Fan guard	0000.PJ.681900510	1
16	Screw M4X65L	0000.LS.001046500	4
17	Screw M4X10L	0000.LS.001041000	8
18	LCD marquee acrylic	2106.YS.01002900	1
19	LED Light Strip 600mm	1512.PJ.006800600	1
20	LCD upper cover	1707.WJ.00003600	1
21	toughened glass	1707.BL.00000100	1
22	Foam	0000.SJ.710002004	4
23	LCD	LG_IC420DUN-SER2	1
24	partition plate	1811.WJ.00016000	4
25	Screw M4X8L	0000.LS.001040800	22
26	LCD sheet metal - A	1707.WJ.00003000	1
27	LCD sheet metal - B	1707.WJ.00003100	1
28	Gasket	1811.WJ.00016100	24
29	LCD lower cover	1707.WJ.00003600	1



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	leg leveler	0000.PJ.631161000	4
2	leg leveler sheet plate	1902.WJ.00006800	4
3	Screw M8X20L	0000.LS.010082000	32
4	3 inch leg leveler	0000.PJ.13000405	4
5	cabinet connection sheet plate (left)	2106.WJ.00011100	1
6	Screw M8X16L	0000.LS.005081600	8
7	LCD speaker mesh (left)	1902.WJ.00004200	1
8	Screw M4X8L	0000.LS.005040800	28
9	Screw M4X8L	0000.LS.001040800	12
10	LED Light Strip 300mm	1404.PJ.00680300	1
11	Fan sheet plate	2106.WJ.00013500	1
12	Nut M4	0000.LS.327040013	2
13	Fan	2106.JD.00002000	1
14	Screw M4X40L	0000.LS.001044000	2
15	LCD speaker mesh (right)	1902.WJ.00004300	1
16	small speaker	1707.JD.080042500	2
17	bass speaker acrylic sheet plate (right)	2106.YS.01002200	1
18	vent	0810.PJ.00004700	1
19	bass speaker	1707.JD.080080600	1
20	Screw M4X16L	0000.LS.001041600	4
21	bass speaker acrylic sheet plate (center)	2106.YS.01001900	1
22	bass speaker acrylic sheet plate (left)	2106.YS.01002100	1
23	Screw M4X16L	0000.LS.005041600	4
24	Tutorial acrylic	2106.YS.00002501	1



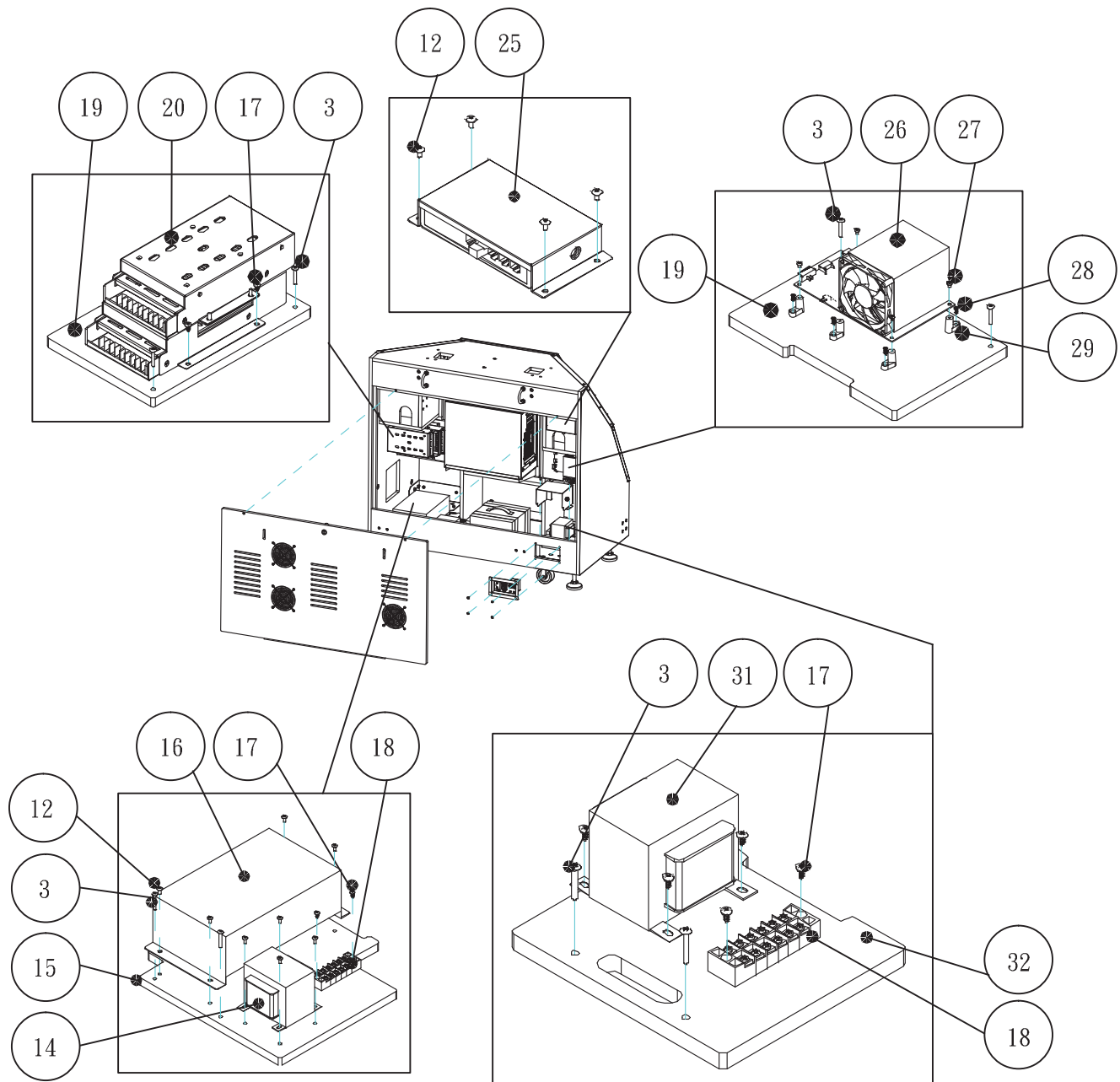
# Maintenance and Repair



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Screw M4X50L	0000.LS.001045000	12
2	Fan guard	0000.PJ.681900510	4
3	Screw M4X30L	0000.LS.005043000	3
4	Base cabinet rear maintenance door	BH2106-MC0600-00	1
5	Lock	0000.PJ.651260080	1
6	Fan	0000.PJ.08000500	3
7	Nut M4	0000.LS.327040013	12
8	Screw M3X6L	0000.LS.001030600	6
9	Internet hole sheet plate	1902.WJ.00004000	1
10	Circuit breaker	1902.JD.00001000	1
11	Line filter socket	1902.JD.00000100	1
12	Screw M4X12L	0000.LS.005041200	22
13	Power in box	1902.WJ.00003800	1
14	Transformer - A	2106.JD.130961494	1
15	Electronic parts board - A	BH2106-MC1200-00	1
16	Audio AMP	1707.JD.501041AMP	1

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
17	Screw M4X12L	0000.LS.002041200	8
18	Terminal strip	0000.DZ.610000006	2
19	Electronic parts board - B	BH2106-MC1000-00	2
20	Power module	0000.JD.1LRS35012	1
21	Computer	V3000_CASE_S3000BORAD_ASM_80	1
22	Screw M4X12L	0000.LS.001041200	5
23	Electronic parts board - C	BH2106-MC1300-00	1
24	Voltage stabilizer	2106.DZ.14001000	1
25	HUB	0810.JD.8JHJ00001	1
26	Vibration AMP	1707.DZ.00000100	1
27	Screw M3X6L	0000.LS.001030600	4
28	Screw A4X12L	0000.LS.002041200	6
29	Circuit board L standoff fixed clips	0000.SJ.500000002	6
30	Power in protection cover	1902.WJ.00004100	1
31	Transformer - B	1707.JD.00000200	1
32	Electronic parts board - D	BH2106-MC1100-00	1

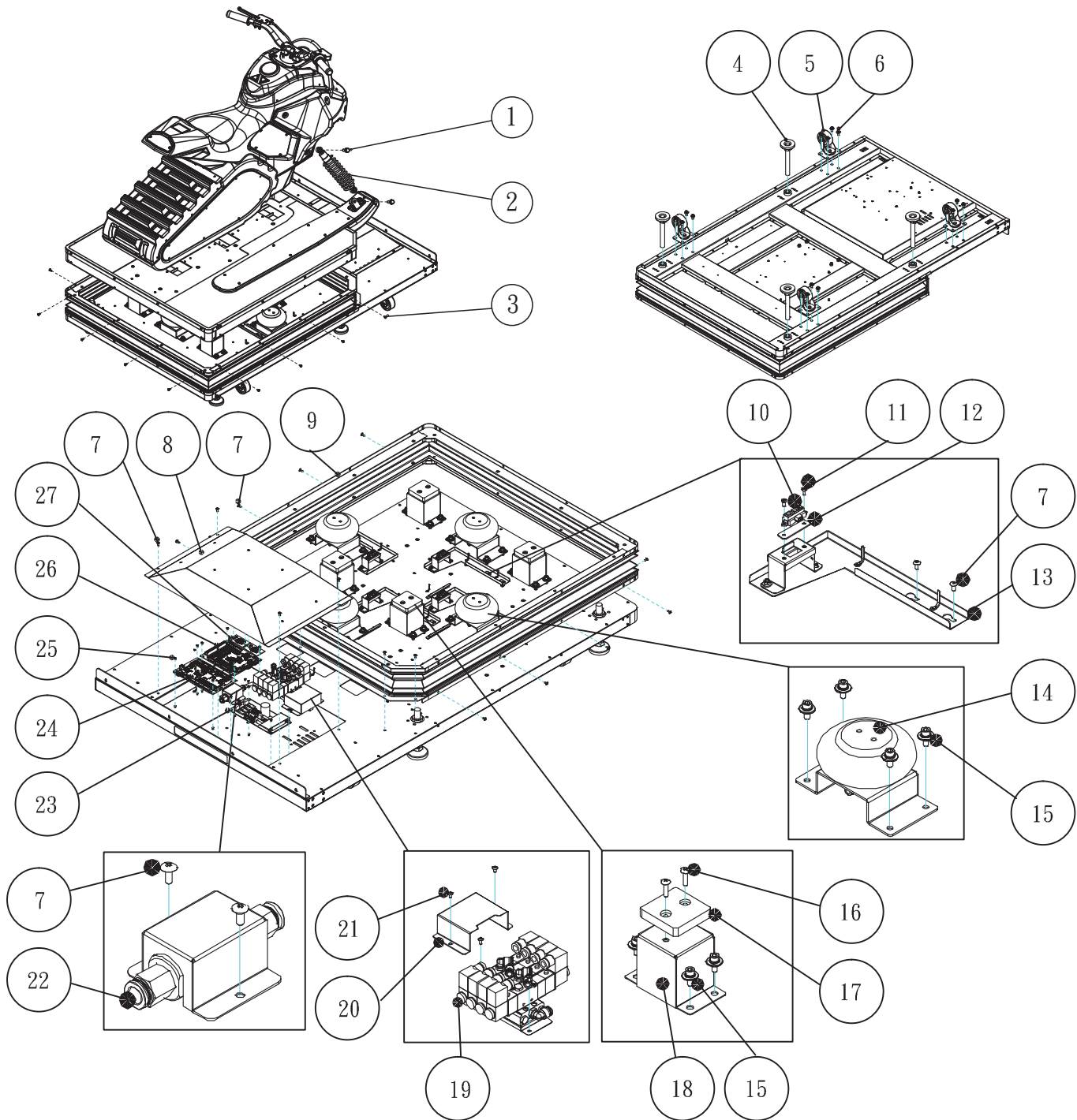
## Maintenance and Repair



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Screw M4X50L	0000.LS.001045000	12
2	Fan guard	0000.PJ.681900510	4
3	Screw M4X30L	0000.LS.005043000	3
4	Base cabinet rear maintenance door	BH2106-MC0600-00	1
5	Lock	0000.PJ.651260080	1
6	Fan	0000.PJ.08000500	3
7	Nut M4	0000.LS.327040013	12
8	Screw M3X6L	0000.LS.001030600	6
9	Internet hole sheet plate	1902.WJ.00004000	1
10	Circuit breaker	1902.JD.00001000	1
11	Line filter socket	1902.JD.00000100	1
12	Screw M4X12L	0000.LS.005041200	22
13	Power in box	1902.WJ.00003800	1
14	Transformer - A	2106.JD.130961494	1
15	Electronic parts board - A	BH2106-MC1200-00	1
16	Audio AMP	1707.JD.501041AMP	1

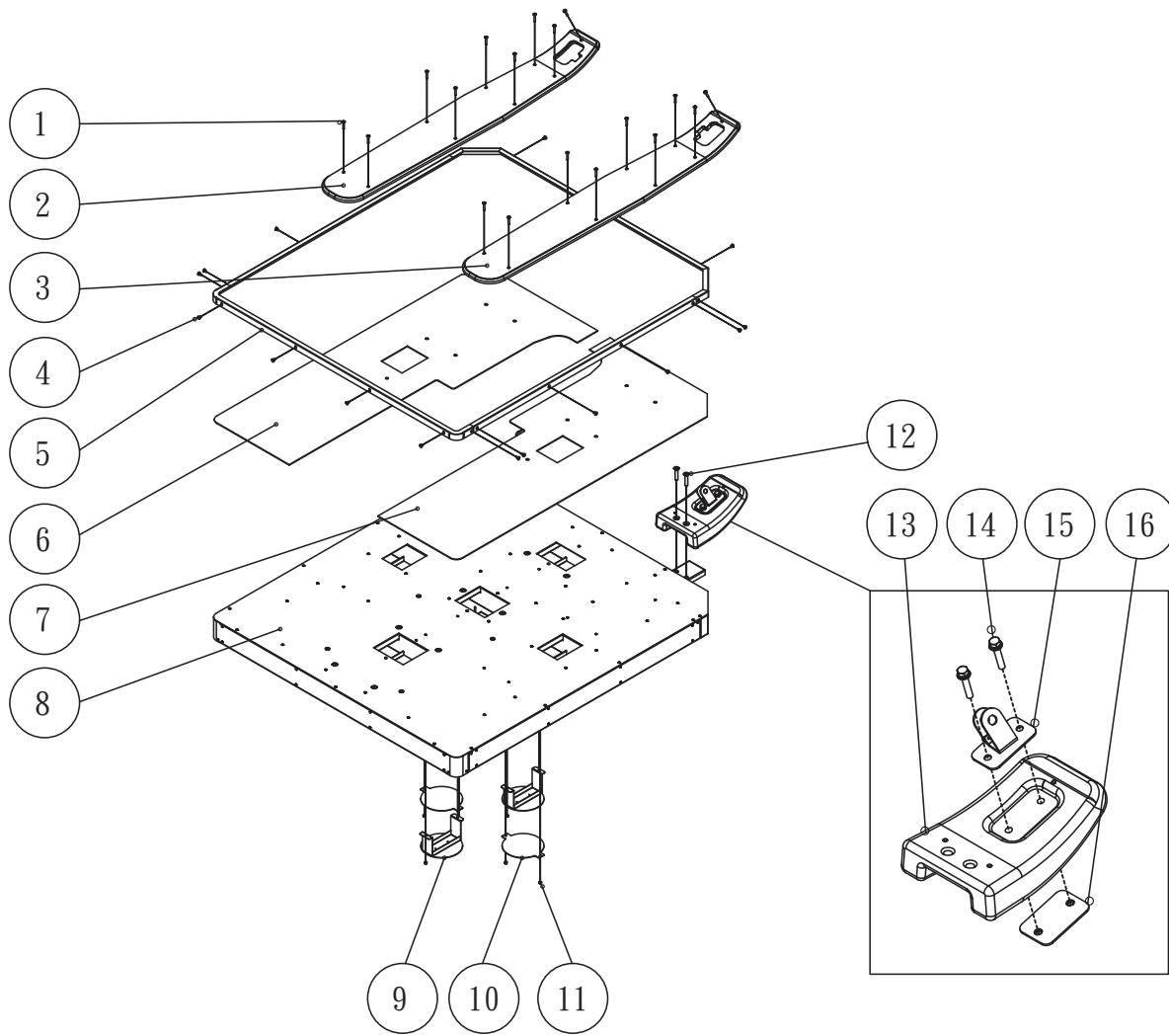
PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
17	Screw M4X12L	0000.LS.002041200	8
18	Terminal strip	0000.DZ.610000006	2
19	Electronic parts board - B	BH2106-MC1000-00	2
20	Power module	0000.JD.1LRS35012	1
21	Computer	V3000_CASE_S3000BORAD_ASM_80	1
22	Screw M4X12L	0000.LS.001041200	5
23	Electronic parts board - C	BH2106-MC1300-00	1
24	Voltage stabilizer	2106.DZ.14001000	1
25	HUB	0810.JD.8JHJ00001	1
26	Vibration AMP	1707.DZ.00000100	1
27	Screw M3X6L	0000.LS.001030600	4
28	Screw A4X12L	0000.LS.002041200	6
29	Circuit board L standoff fixed clips	0000.SJ.500000002	6
30	Power in protection cover	1902.WJ.00004100	1
31	Transformer - B	1707.JD.00000200	1
32	Electronic parts board - D	BH2106-MC1100-00	1

# Maintenance and Repair



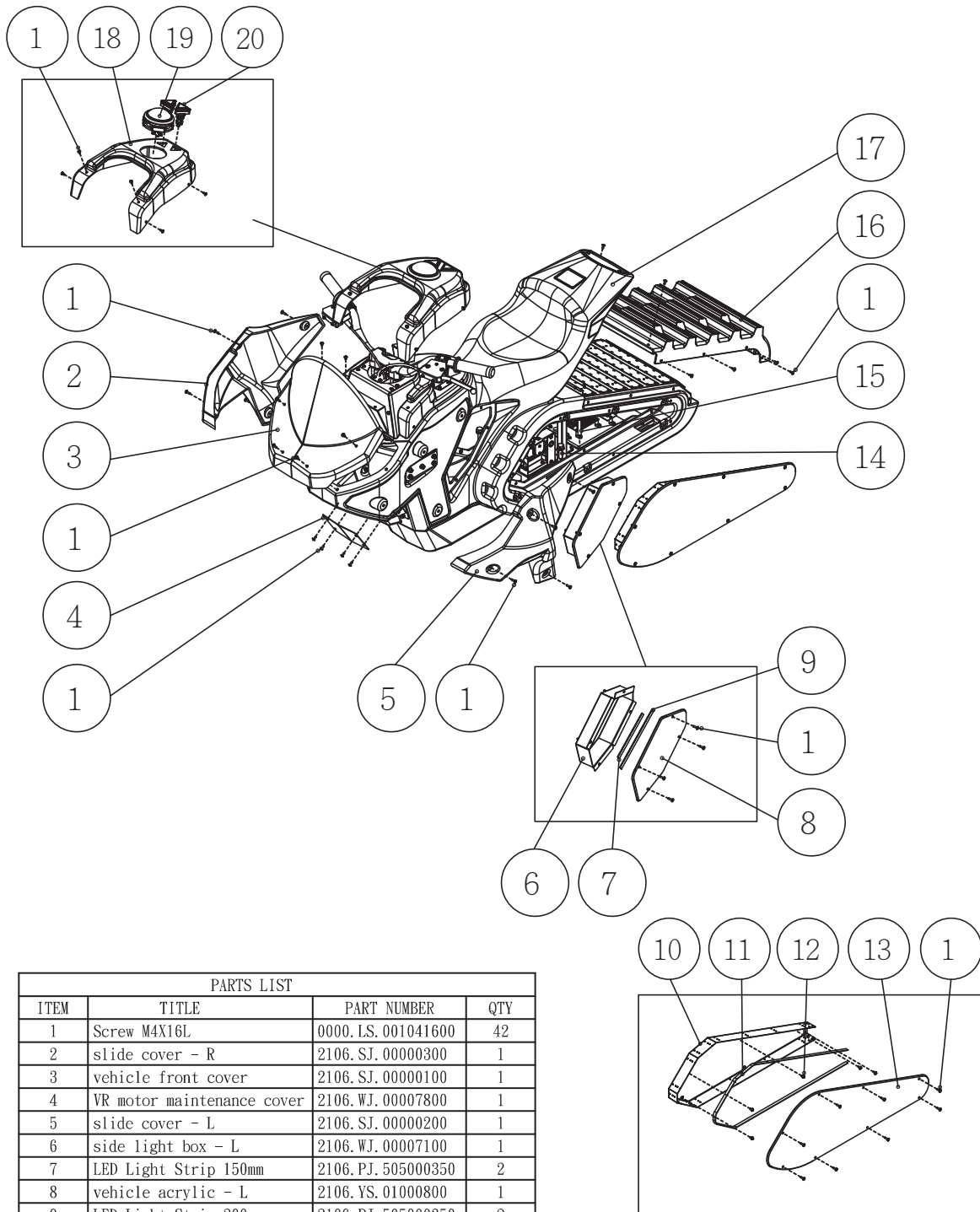
PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Screw M10X40L	0000.LS.700510040	4
2	shock absorber	2106.PJ.01003000	2
3	Screw M4X8L	0000.LS.005040801	16
4	leg leveler	0000.PJ.631161000	4
5	3 inch caster	0000.PJ.13000405	4
6	Screw M8X20L	0000.LS.010082000	16
7	Screw M4X10L	0000.LS.001041000	26
8	hardware maintenance cover	2106.WJ.00000300	1
9	platform guide light module	1902.SJ.01000200	1
10	height sensor	1902.DZ.01000100	4
11	Screw M3X8L	0000.LS.001030800	8
12	PVC gasket sheet	2106.YS.01005700	4
13	height sensor base	AMA-20-16100	4
14	air spring	2106.PJ.01001000	4

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
15	Screw M8X16L	0000.LS.020081600	15
16	Screw M6X20L	0000.LS.020062000	8
17	PU	1902.WJ.00006500	4
18	PU bracket	2106.WJ.00000800	4
19	solenoid valve	2106.JD.00000400	1
20	solenoid valve silencer cover	2106.WJ.00001000	1
21	Screw M4X8L	0000.LS.001040800	2
22	check valve	1902.PJ.01000500	1
23	LQ motor control panel	LQ-A-1094-01	1
24	OL-IO control panel	IO-OL_BOARD	1
25	Screw M3X6L	0000.LS.001030600	16
26	LP-IO control panel	LP-1086-01	1
27	LED driver board	1811.BC.A00000400	2



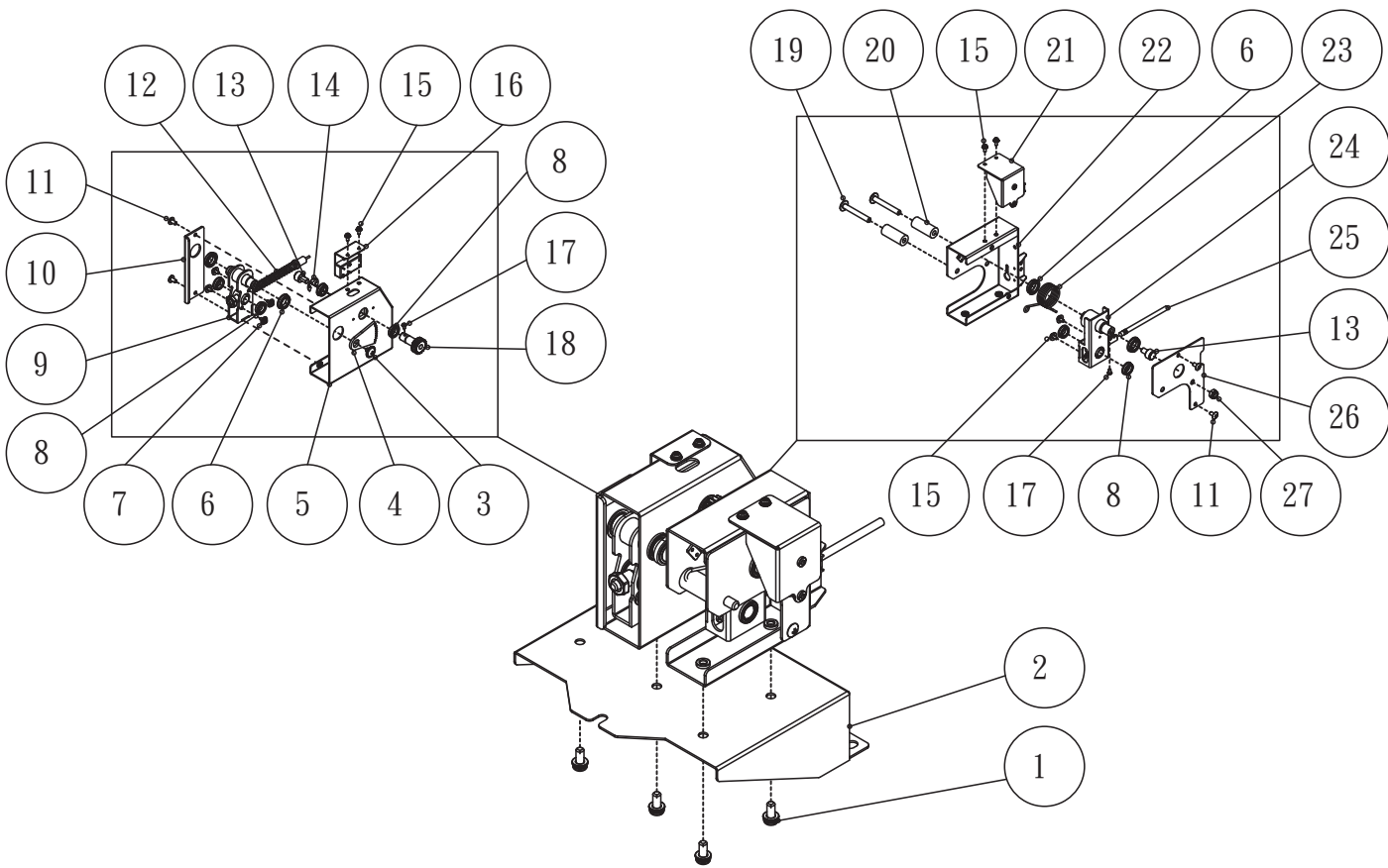
PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Screw M4X25L	SCR_THSHS-N-M4X25L	18
2	ski-shape acrylic - L	AMA-20-25000-L	1
3	ski-shape acrylic - R	AMA-20-25000-R	1
4	Screw M4X8L	SCR_THSHS-N-M4X8L	19
5	side cover	AMA-20-22000	1
6	RUBBER-L	RUBBER-L	1
7	RUBBER-R	RUBBER-R	1
8	motion platform	AMA-20-21000	1
9	sensor detecting sheet - A	AMA-20-26000	2
10	sensor detecting sheet - B	AMA-20-28000	2
11	Nut M4	NYLON_NUT-M4	8
12	Screw M8X40L	SCR_HSFHS-M8X40L	4
13	ski decorative	AMA-20-23100	2
14	Screw M8X45L	SCR_HS-NC-M8X45L	4
15	shock absorber bracket	AMA-20-23200	2
16	shock absorber Fixed sheet	AMA-20-23300	2

## Maintenance and Repair



PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Screw M4X16L	0000.LS.001041600	42
2	slide cover - R	2106.SJ.00000300	1
3	vehicle front cover	2106.SJ.00000100	1
4	VR motor maintenance cover	2106.WJ.00007800	1
5	slide cover - L	2106.SJ.00000200	1
6	side light box - L	2106.WJ.00007100	1
7	LED Light Strip 150mm	2106.PJ.505000350	2
8	vehicle acrylic - L	2106.YS.01000800	1
9	LED Light Strip 200mm	2106.PJ.505000350	2
10	track metal plate - L	2106.WJ.00007300	1
11	LED Light Strip 1350mm	2106.PJ.505001350	2
12	Screw M4X10L	0000.LS.001041000	12
13	track acrylic - L	2106.YS.01000100	1
14	Screw M10X40L	0000.LS.700510040	4
15	Screw M10X65L	0000.LS.700510065	8
16	track	2106.SJ.00000600	1
17	vehicle	2106.SJ.00001000	1
18	fuel tank cap	2106.SJ.00000400	1

## Maintenance and Repair

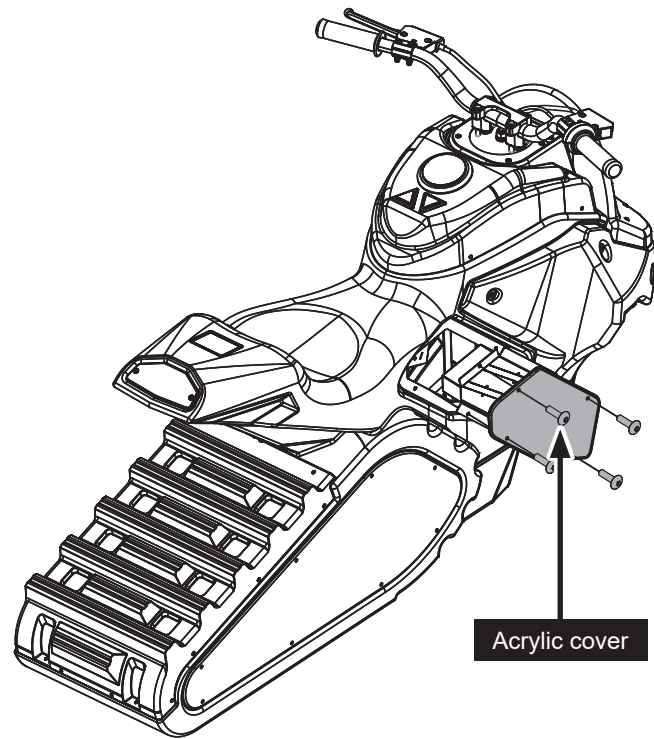


PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Screw M5X15L	SCR_PHS-NC-M5X15L	6
2	brack and throttle module bracket	AMA-20-31310	1
3	Screw M5X8L	SCR_THS-LW-M5X8L	1
4	gear-A	AMA-20-31323-3	1
5	brake unit base	AMA-20-31321	1
6	bearing(D12-d18-B4)	BEARING-FB-D12-D18-B4	4
7	Wasser M5	WASHER_D5	5
8	bearing(D10-d15-B4)	BEARING-FB-D10-D15-B4	6
9	brack and throttle bracket - A	AMA-20-31323-1	1
10	brake unit cover plate	AMA-20-31327	1
11	Screw M4X8L	SCR_THS-N-M4X8L	4
12	brake cable parts module	BRAKE_CABLE_END	1
13	sensor magnet module - 0	MAGENT-D10	2
14	E-Type Retaining Rings	RINGS_E-D9	1
15	Screw M3X8L	SCR_PHS-NC-M3X8L	8
16	sensor magnet module - 1 - A	AMA-20-31328-1	1
17	Screw M3X5L	SCR_PHS-N-M3X5L	2
18	gear-B	AMA-20-31322	1
19	Screw M6X45L	SCR_THS-N-M6X45L	2
20	PU	AMA-20-31326	2
21	sensor magnet module - 1 - B	AMA-20-31335-1	1
22	throttle unit base	AMA-20-31331	1
23	torsion spring	AKE-23-SPRING-A	1
24	brack and throttle bracket - B	AMA-20-31332-1	1
25	throttle cable	ACC_CABLE	1
26	throttle unit cover plate	AMA-20-31333	1
27	Nut M6	NYLON_NUT-M6	1

### 5.3.13 Maintenance instructions for side lights of the vehicle

---

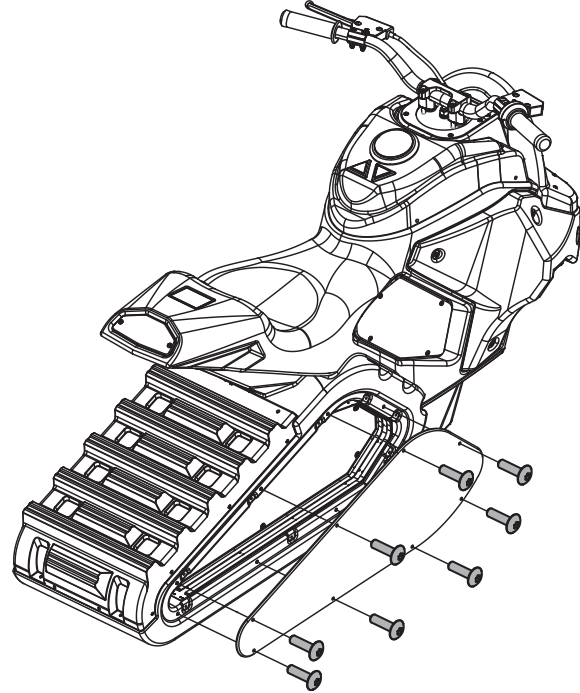
- 1** According to the diagram, remove the acrylic fixing screws and carefully take out the light strip fixing hardware. After unplugging the joint, begin maintenance.
- .....



5.3.14 Maintenance instructions for side of track lights

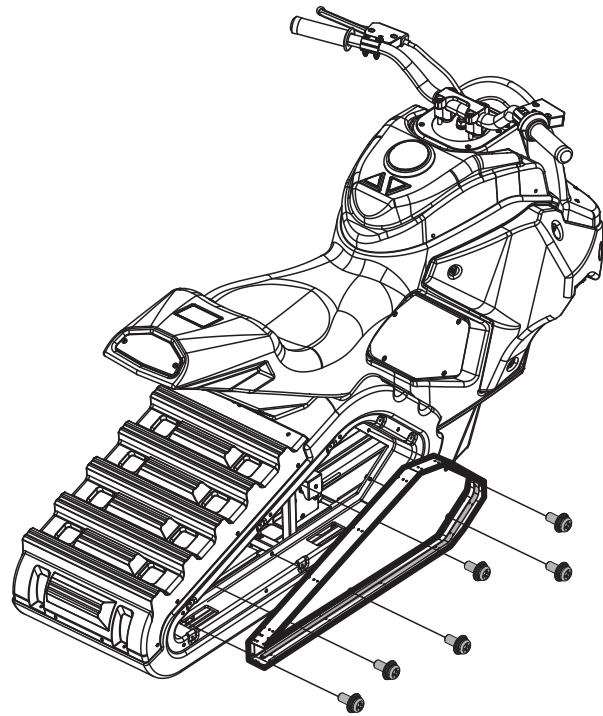
**1** Remove the acrylic cover fixing screws according to the diagram.

.....



**2** Remove the light box module fixing screws, unplug the joint carefully, and begin maintenance of the light strips.

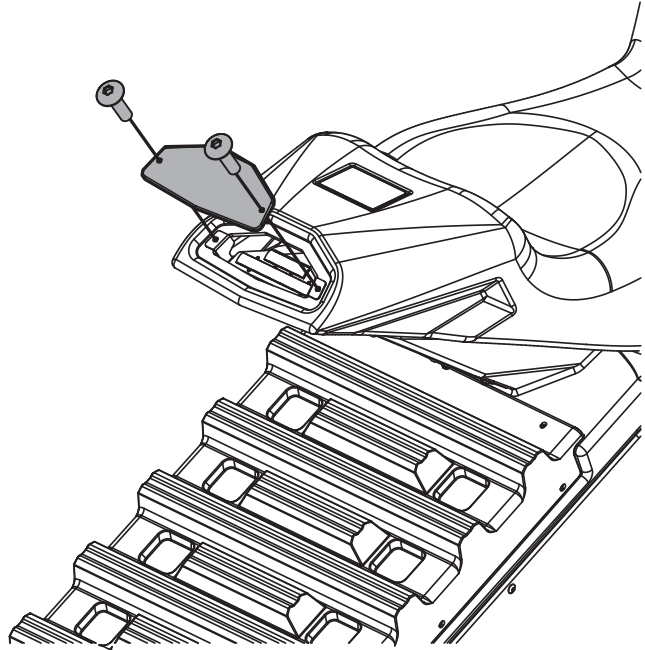
.....



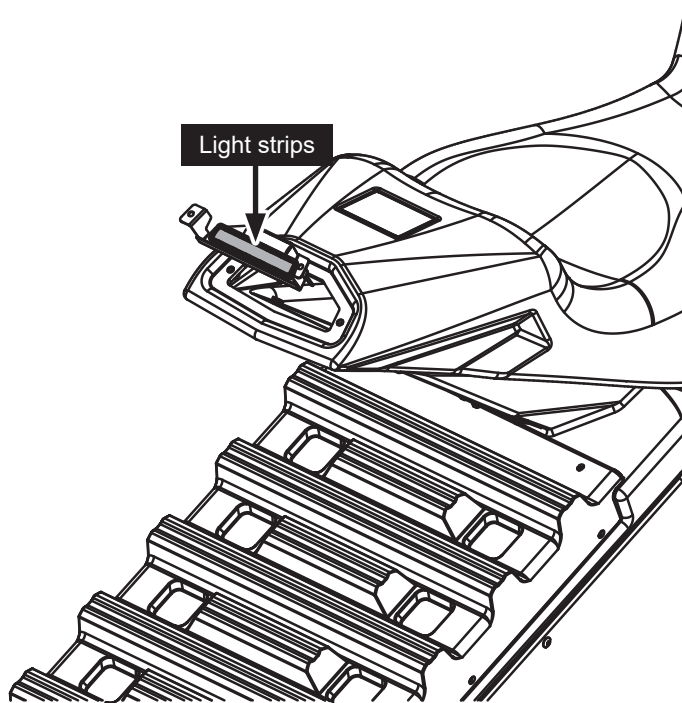
### 5.3.15 Maintenance instructions for tail light

---

- 1** Remove the acrylic cover fixing screws according to the diagram.
- .....



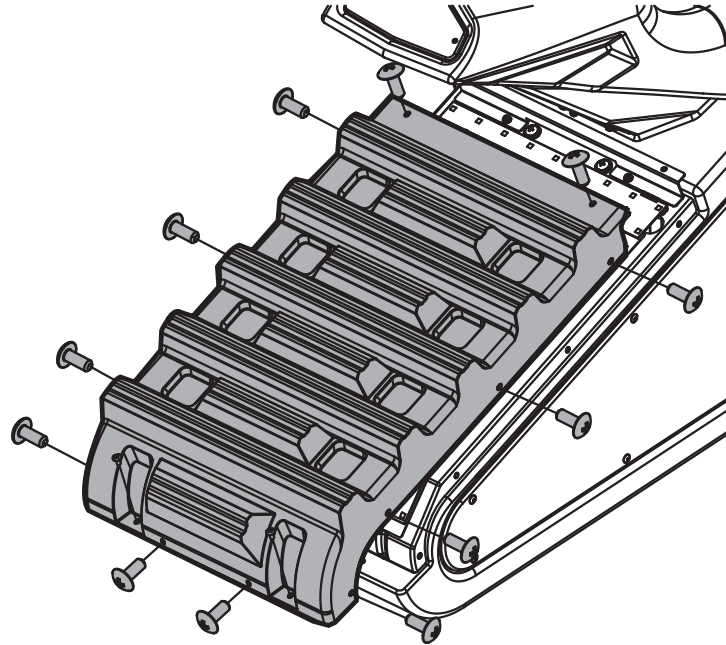
- 2** After removing acrylic cover, unplug the connector carefully, and begin maintenance of the light strips.
- .....



5.3.16 Maintenance instructions for track light board on the back of the vehicle

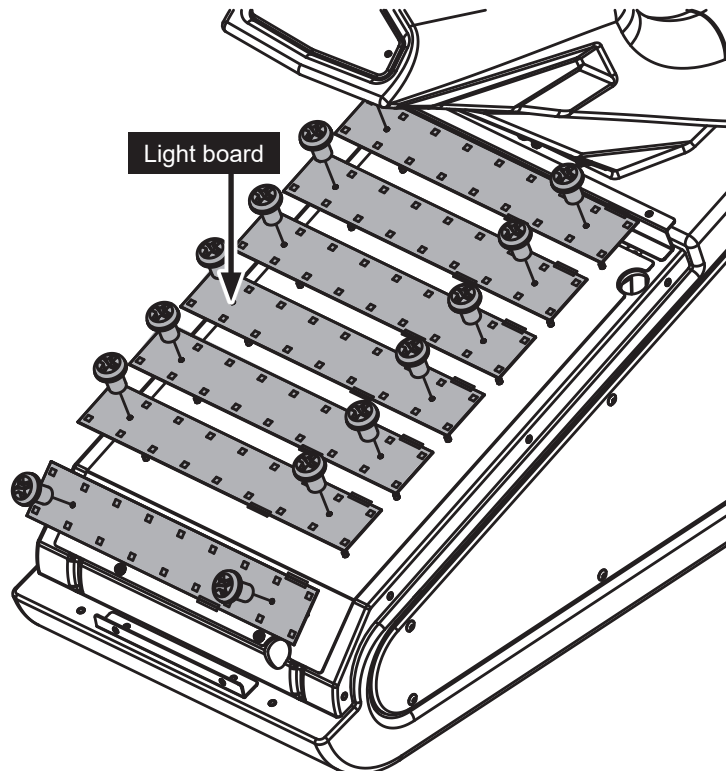
**1** Remove the fixing screws of the back track cover according to the diagram.

.....



**2** Remove the fixing screws, unplug the connector according to the diagram and begin maintenance of the light board.

.....



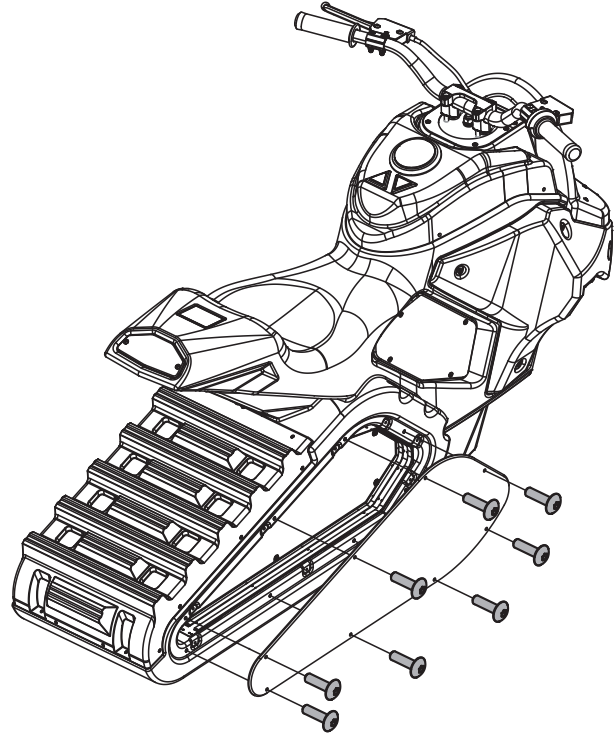
### 5.3.17 Maintenance instructions for Vehicle IO board and throttle twist grip

**1** Remove the fixing screws of the acrylic cover according to diagram.

■ Throttle twist grip sensor  
(open the vehicle from right side)

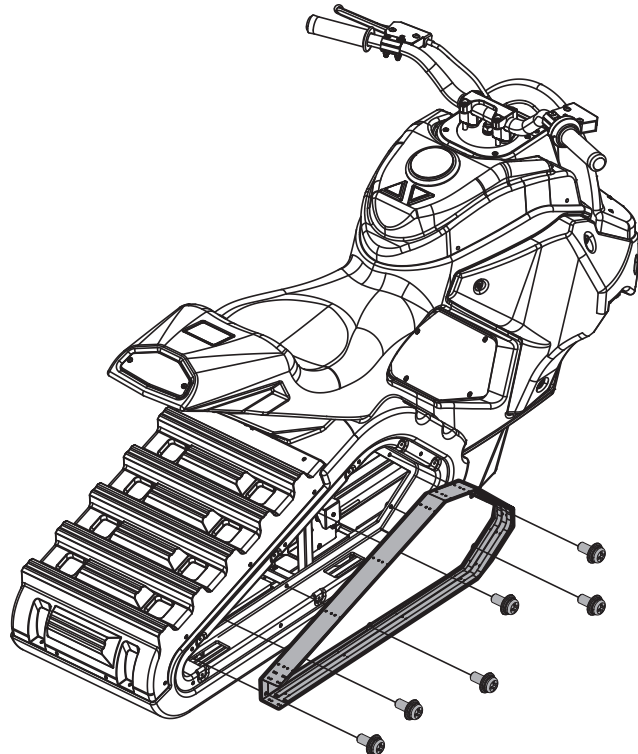
■ I/O board maintenance  
(both sides are doable)

.....



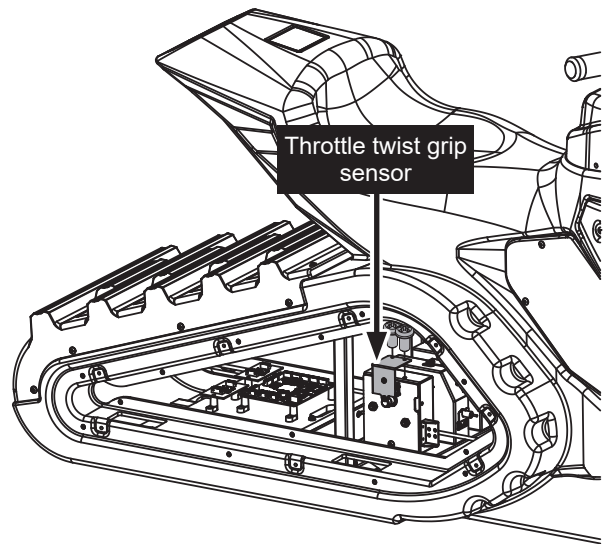
**2** Remove the fixing screws of the light box module according to the diagram, and unplug the connector carefully.

.....



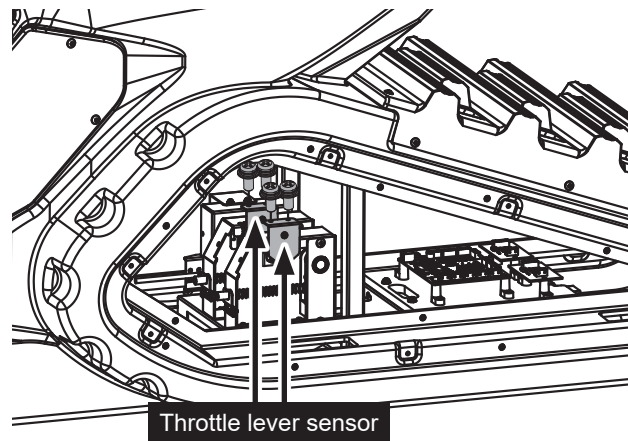
**3** Remove the fixing screws from the sensor bracket according to the diagram and begin maintenance of the throttle twist grip sensor.

.....



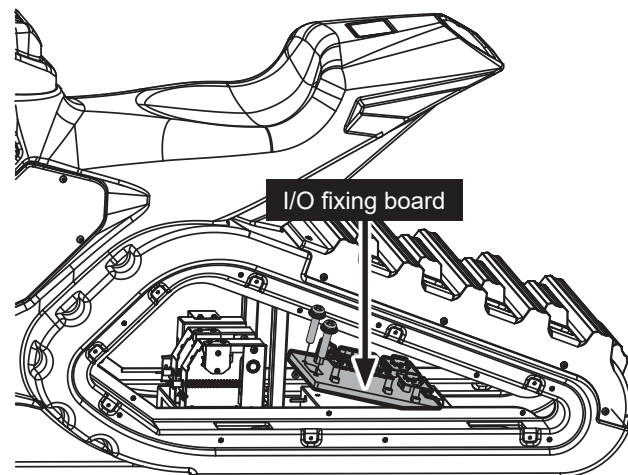
**4** Remove the fixing screws from the sensor bracket according to the diagram and begin maintenance of the throttle lever. (Identify the right and left throttle lever sensor by the marks on the wires.)

.....



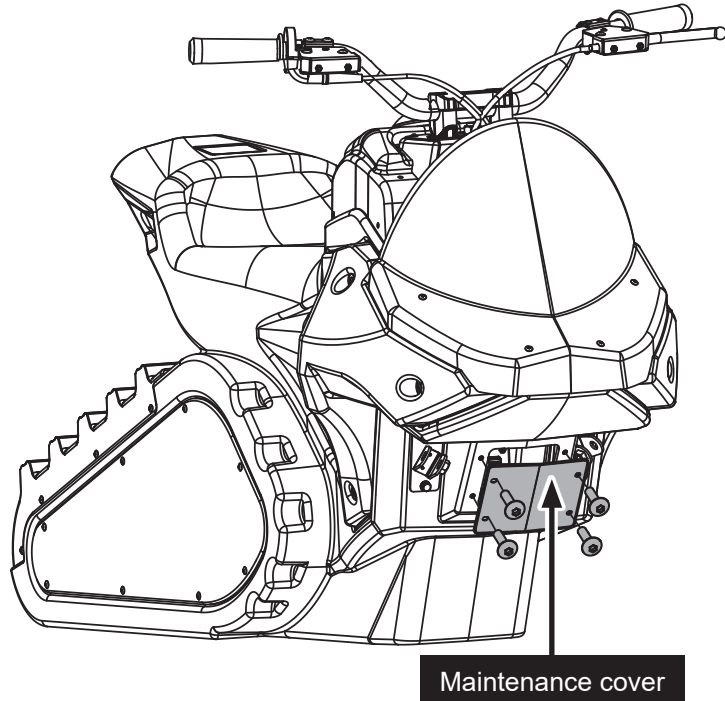
**5** Remove the fixing screws from the I/O board according to the diagram and begin maintenance of the MU and NP board.

.....

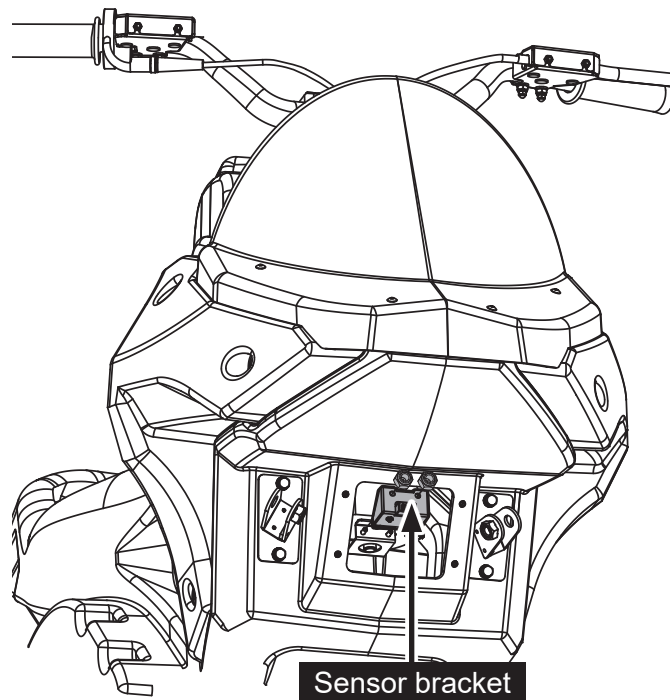


### 5.3.18 Maintenance instructions for steering handle bar

- 1** Remove the fixing screws for the maintenance cover according to the diagram.
- .....



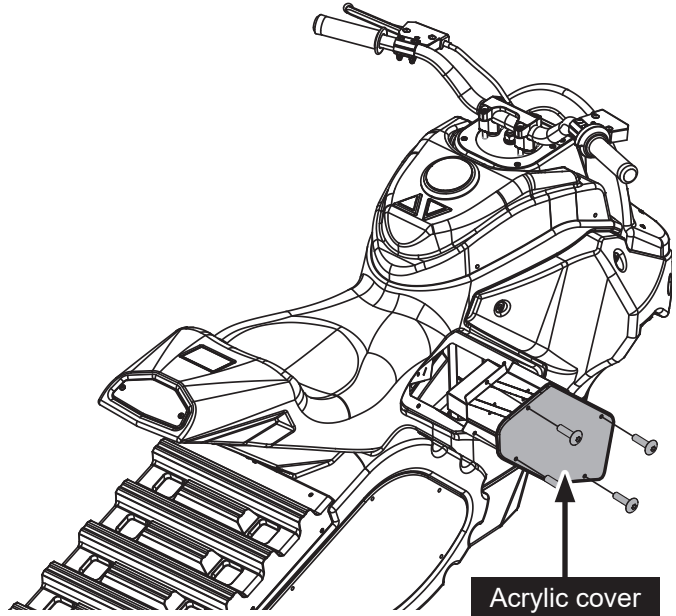
- 2** Take out the sensor bracket and begin maintenance of sensor. (Watch out for where the joint is after unplugging it. It will be hard to take out the joint from the button of the vehicle)
- .....



5.3.19 Maintenance instructions for Seat Sensor

**1** Remove the fixing screws from the acrylic, take out the light strip fixing hardware carefully and unplug the joint.

.....



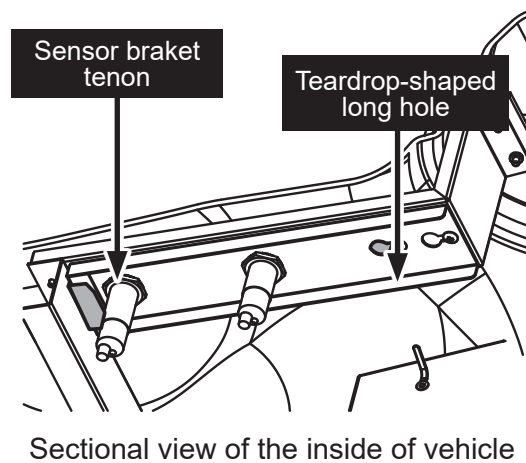
**2** Loosen the fixing screws according to the diagram, use teardrop-shaped long hole to take out of the sensor bracket and begin maintenance.

.....



**3** When installing, first locate the bracket and tenon, then the put the teardrop-shaped long hole through, and finally lock the sensor bracket into the vehicle.

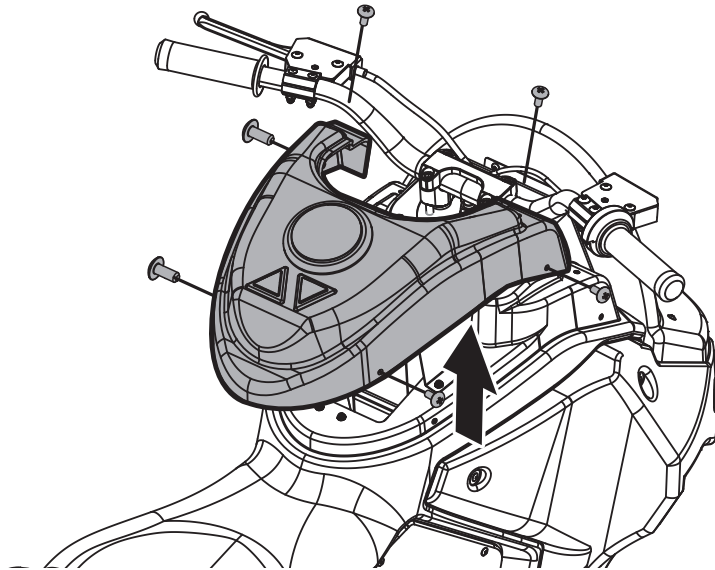
.....



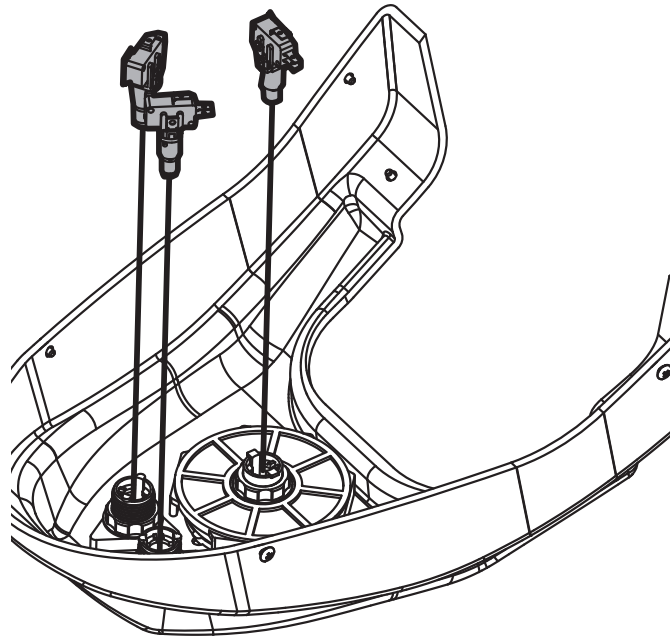
### 5.3.20 Maintenance instructions for button sensors on the vehicle

---

- 1** Remove the fixing screws from the gas tank cover and unplug the connecting line.
- .....

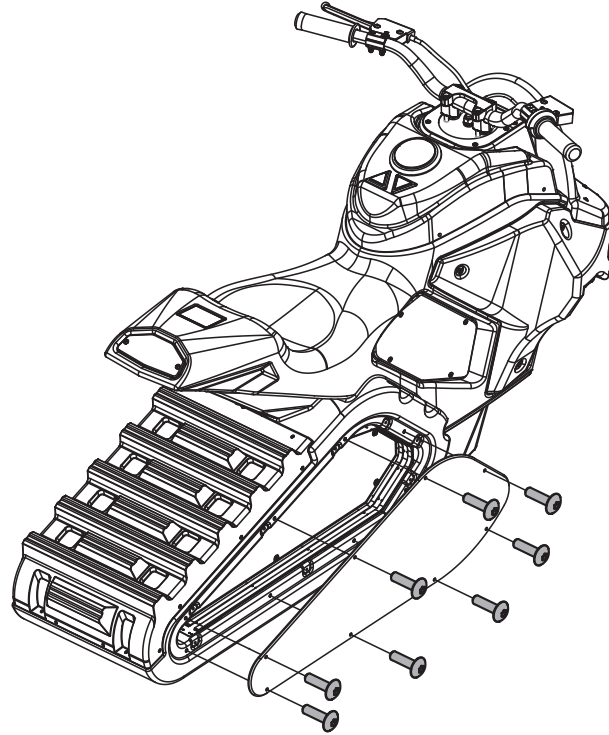


- 2** When the gas tank cover is removed, begin maintenance of the button sensors.
- .....

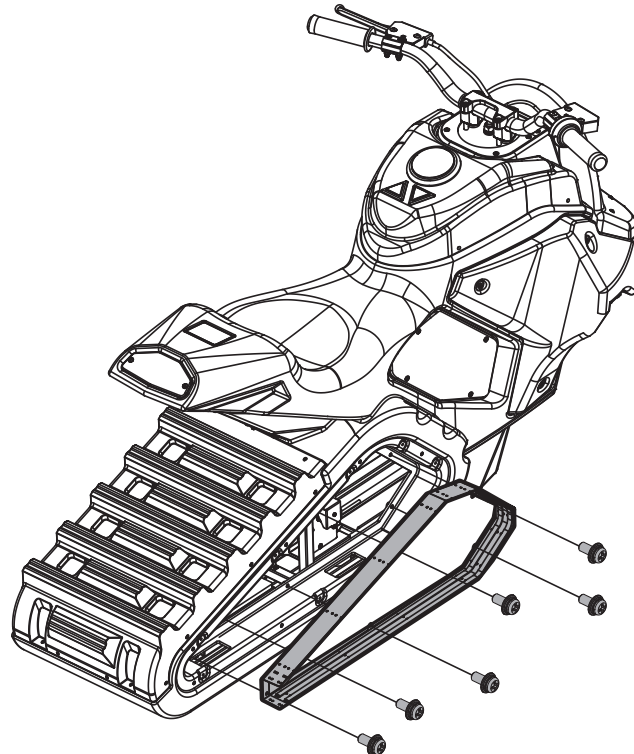


5.3.21 Maintenance instructions for vibration speaker

**1** Remove fixing screws from the acrylic cover according to the diagram.

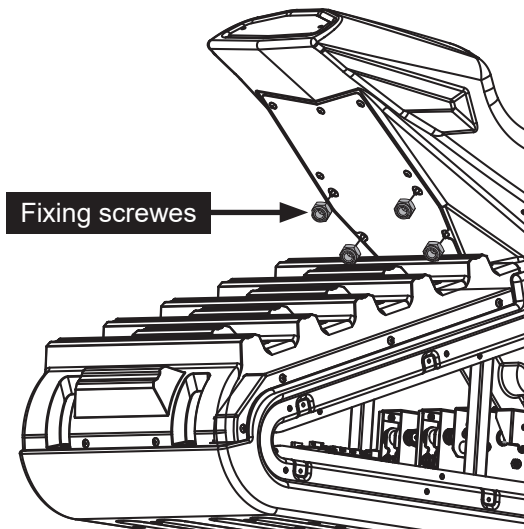


**2** Remove the fixing screws from the light box module and carefully unplug the joint.



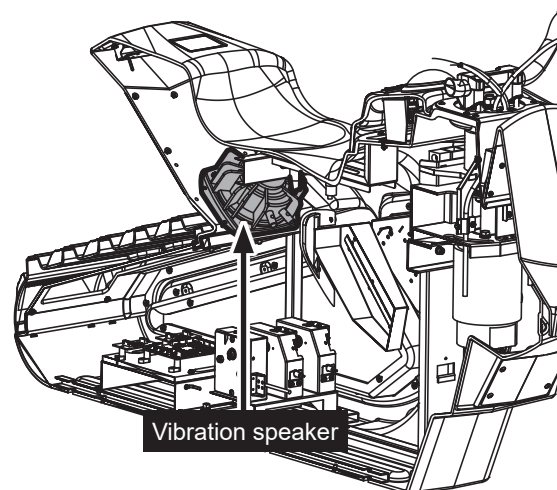
**3** Remove the fixing screws from vibration speaker.

.....



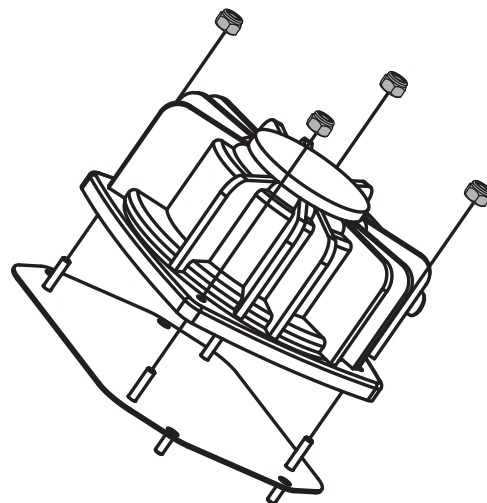
**4** Take out vibration speaker from the inside of the vehicle and unplug the joint.

.....



**5** Remove the fixing hardware according to the diagram, change vibration speaker and install reversely.

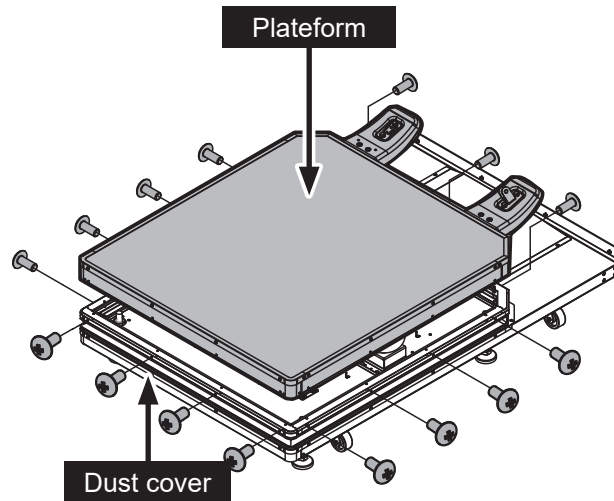
.....



5.3.22 Maintenance instructions for platform height sensor

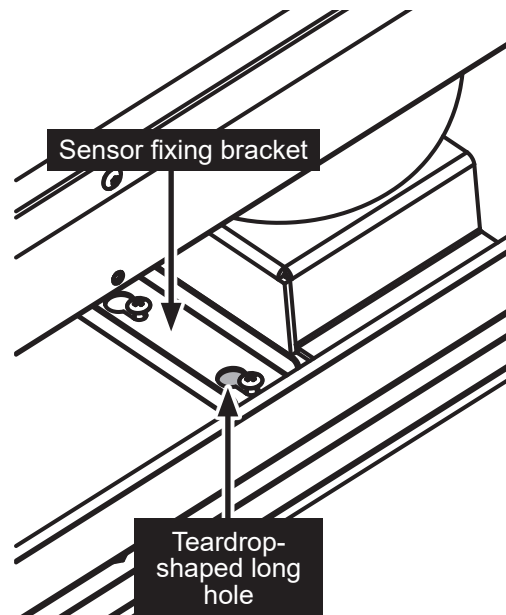
**1** Go to the adjusting page to top up the four air springs to the top, remove the fixing screws from the dust cover according to the diagram, and lower the air springs to the button.

.....

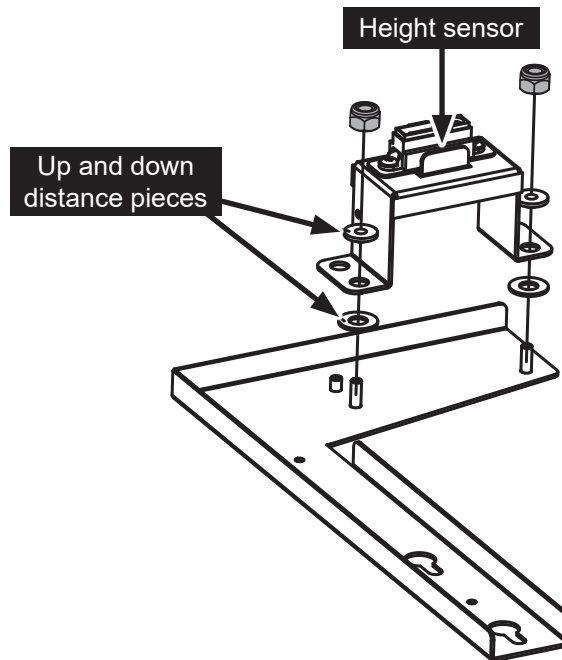


**2** After loosening the height sensor, take out the bracket by teardrop-shaped long hole.

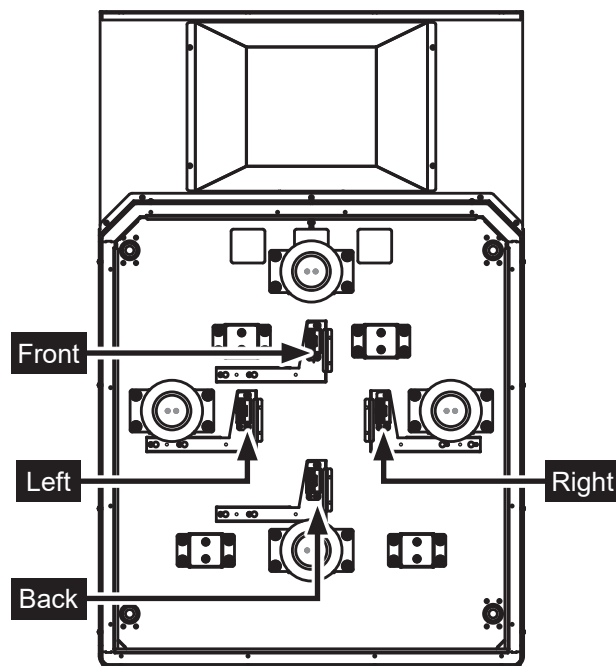
.....



- 3** Remove the screws and distance pieces according to the diagram. When the maintenance is completed, install reversely.
- .....



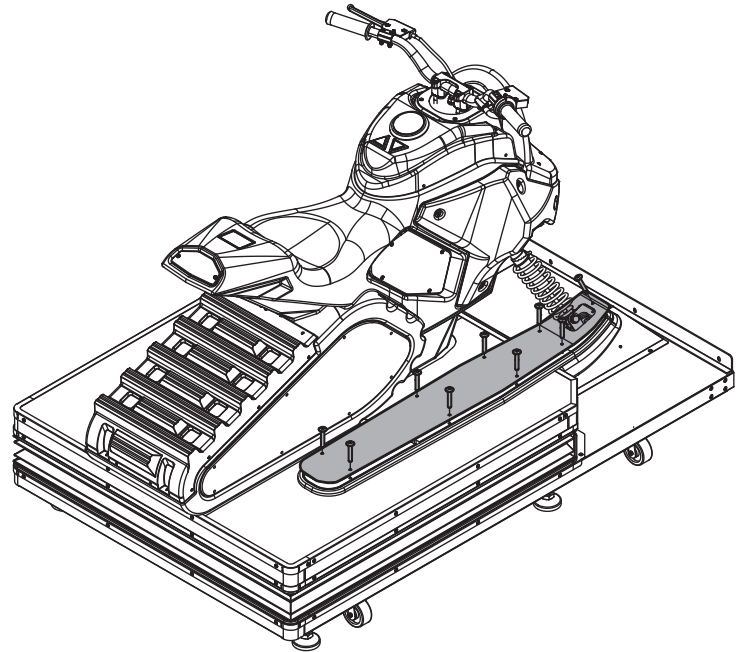
- 4** Schematic diagram of the height sensor position.
- .....



5.3.23 Maintenance instructions for ski light and control panel

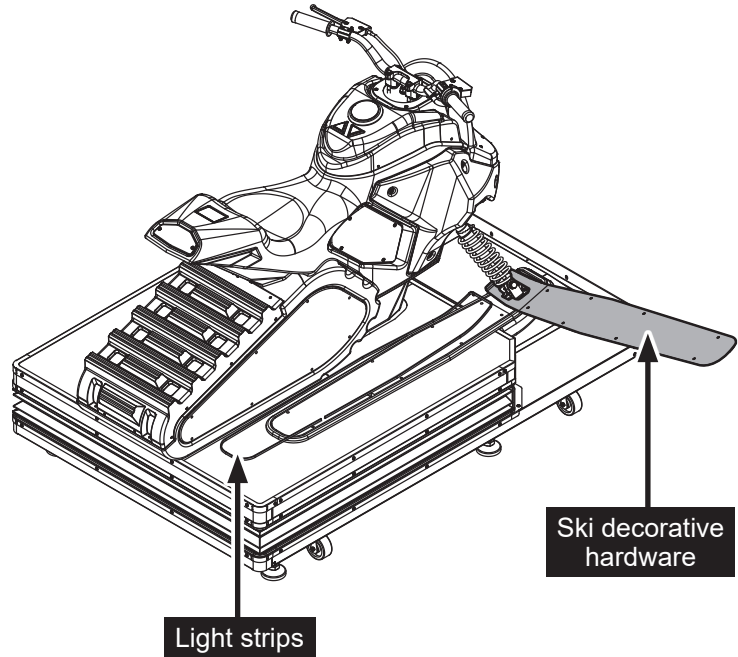
**1** According to the diagram, remove the screws from the ski.

.....



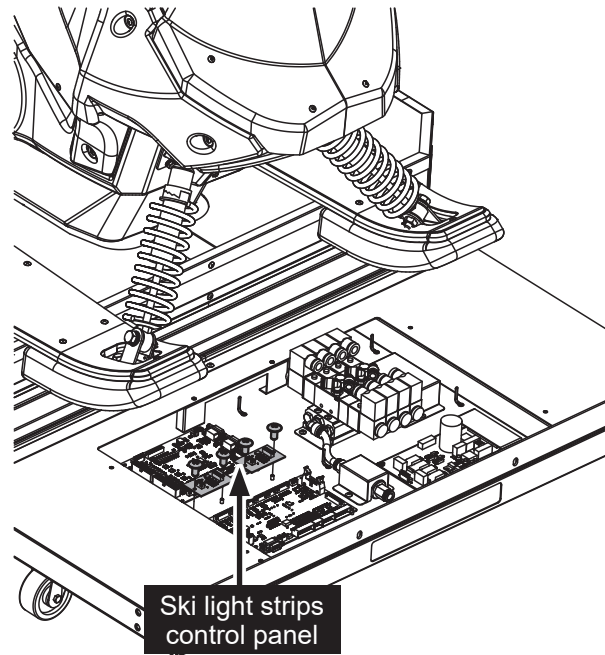
**2** According to the diagram, adjust the angle of the decorative hardware to take out the light strips from the acrylic grooving. After maintenance, reinstall by reversing the steps.

.....



**3** Disassemble the control panel according to the diagram and replace a control panel.

.....



# 6 Troubleshooting

Problem	Solutions
The throttle or the brake is not working.	<ul style="list-style-type: none"> <li>■ Enter [Operator Settings] &gt; [Hardware Test] &gt; [I/O Test] to run the testing.</li> <li>■ If the testing does not respond, contact your local distributor to replace the corresponding parts.</li> </ul>
The buttons on the oil tank do not respond.	<ul style="list-style-type: none"> <li>■ Enter [Operator Settings] &gt; [Hardware Test] &gt; [I/O Test] to detect any wrongly functioning button.</li> <li>■ If the testing does not respond, follow the instructions of &lt;5-3-19 Maintenance instructions for button sensors on the vehicle&gt; to disassemble the oil tank and check if plugs are coming off.</li> <li>■ If this problem persists, contact your local distributor to replace parts</li> </ul>
One of the speakers does not produce sound.	<ul style="list-style-type: none"> <li>■ Check if the plugs between speakers and power amplifier are coming off.</li> <li>■ If this problem persists, contact your local distributor to replace parts.</li> </ul>
The lights of the button on the oil tank are not on.	<ul style="list-style-type: none"> <li>■ Enter [Operator Settings] &gt; [Hardware Test] &gt; [Lamp Test] and run the testing of wrongly functioning lights.</li> <li>■ If lights do not respond, follow the instruction of &lt;5-3-16 Maintenance instructions for Vehicle IO board, throttle lever, and throttle twist grip&gt; to disassemble the oil tank and check if plugs are coming off.</li> <li>■ If this problem persists, contact your local distributor to replace the circuit board of the rear light.</li> </ul>
The tail light on the vehicle is not on.	<ul style="list-style-type: none"> <li>■ Enter [Operator Settings] &gt; [Hardware Test] &gt; [Lamp Test] and run the testing of wrongly functioning lights.</li> <li>■ If lights do not respond, follow the instruction of &lt;5-3-14 Maintenance instructions for tail light&gt;to disassemble the vehicle and check if plugs are coming off.</li> <li>■ If this problem persists, contact your local distributor to replace the circuit board of the tail light.</li> </ul>
Steering issues	<ul style="list-style-type: none"> <li>■ Note that the game should auto calibrate on power on and calibration can be checked in TEST mode and IO adjustment and refer the user to page 41.</li> </ul>

## Troubleshooting

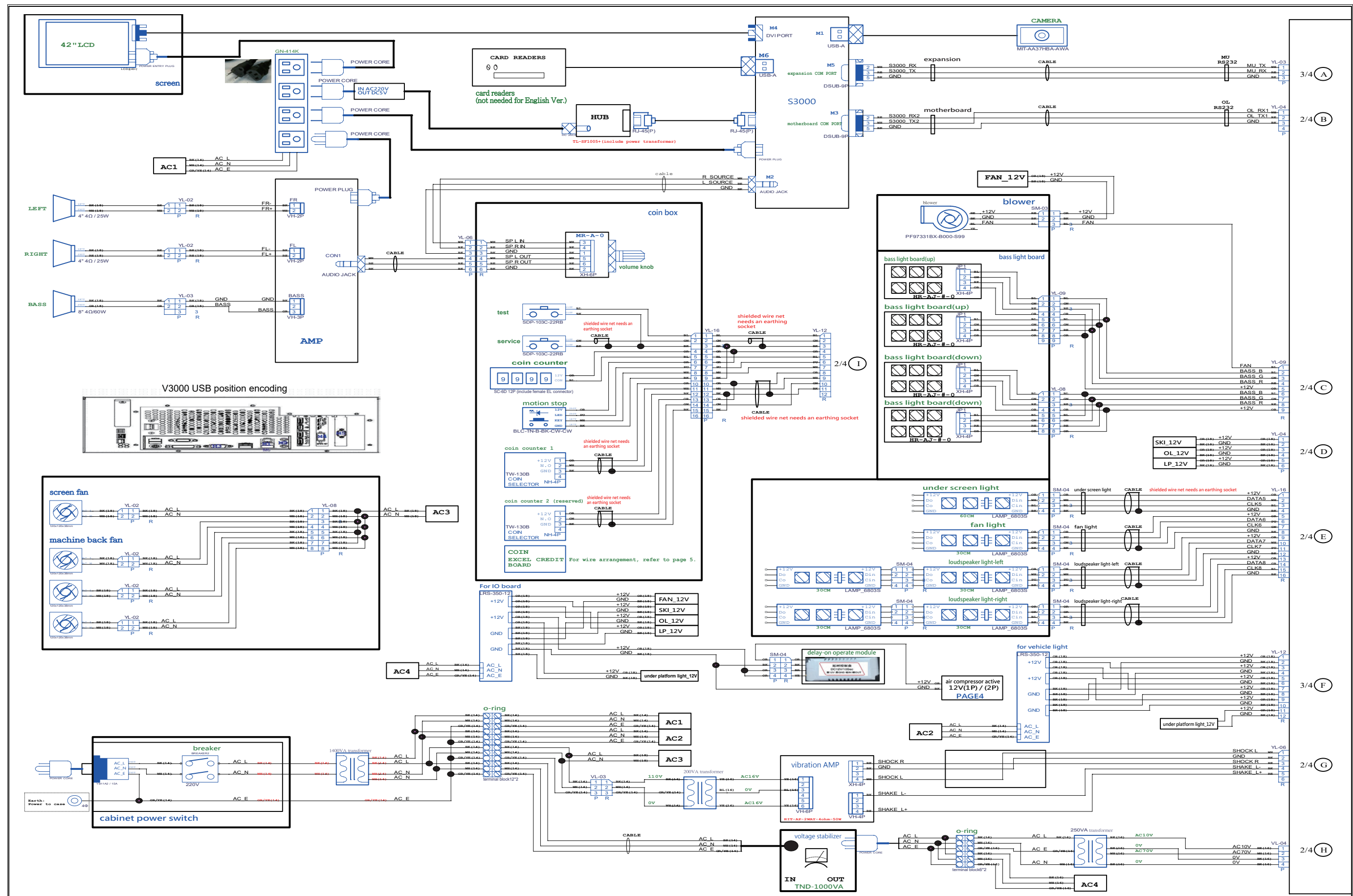
Problem	Solutions
No screen after power on	<ul style="list-style-type: none"> <li>■ Check if the plugs between the cabinet and screen are well connected, and whether DVI connectors are loosen.</li> <li>■ Check if the cabinet is plugged into the port of the video card.</li> <li>■ If this problem persists, contact your local distributor.</li> </ul>
The speakers do not produce sound.	<ul style="list-style-type: none"> <li>■ Open the maintenance door of the cash box, and check if the maximum volume is adjusted to its minimum value.</li> <li>■ Check if the power of power amplifier is turned on.</li> <li>■ Check if the audio cable connected the power amplifier and cabinet is coming off.</li> <li>■ If this problem persists, contact your local distributor.</li> </ul>
Air Spring not moving	<ul style="list-style-type: none"> <li>■ Check if the [Motion Stop] button has been pressed. If the [Motion Stop] status is On, press the [Motion Stop] button again to end the status.</li> <li>■ Enter [Main Menu] → [Hardware Test] → [Air Spring Test] to start the test.</li> <li>■ If the issue persists, please contact your local distributor</li> </ul>
A message appears in the top right corner of the screen: 【AIR COMPRESSOR IS OFF(MOTION STOPS)】	<ul style="list-style-type: none"> <li>■ First, make sure the air compressor is turned on.</li> <li>■ If the message appears after the air compressor is turned on, contact your local distributor.</li> </ul>
A message appears in the top right corner of the screen: 【MOTION PLATFORM IS OFF】	<ul style="list-style-type: none"> <li>■ Press the [Motion Stop] button to make the message disappear.</li> </ul>
A message appears in the top right corner of the screen: 【FAIL TO ADJUST MOTION PLATFORM】 or 【FAIL TO ACTIVATE MOTION PLATFORM】	<ul style="list-style-type: none"> <li>■ First, make sure the air compressor is turned on, and the [Motion Stop] button is not pressed. Then, enter [Operator Settings] &gt; [System Setting]&gt;[Air Spring Adjustment] to perform adjustment.</li> <li>■ If the message appears after the adjustment, contact your local distributor.</li> </ul>
A message appears in the top right corner of the screen: 【I/O 1-1 ERROR】 or 【I/O 1-2 ERROR(MOTION STOPS)】 or 【I/O 2 ERROR】	<ul style="list-style-type: none"> <li>■ Make sure that all the connections at the back of the machine are properly connected, and restart the cabinet.</li> <li>■ If the message appears after restarting the cabinet, contact your local distributor.</li> </ul>
A message appears in the top right corner of the screen: 【ID CONFLICT】	<ul style="list-style-type: none"> <li>■ Enter [Operator Settings] &gt; [System Setting]&gt;[Connection Setting] to ensure that each cabinet of the same Group Number has different ID.</li> </ul>
A message appears in the top right corner 【DRAIN FUNCTION ABNORMALITY】	<ul style="list-style-type: none"> <li>■ First, make sure the air compressor is turned on.</li> <li>■ Then, enter [Operator Settings] &gt; [Hardware Test] &gt; [Drain Valve Test] to perform drain valve test.</li> <li>■ After the test, if the message 【Drain function abnormality. Please check if the drain valve is draining normally.】 appears, loosen the knob of the air compressor by turning it counterclockwise and perform the test again.</li> </ul>
【Motion Stop】 button is not working	<ul style="list-style-type: none"> <li>■ [Motion Stop] button only works during the game.</li> <li>■ Therefore, when the game is in [attract sequence] or in [continue], it is normal for the button to have no effect when pressed.</li> </ul>



# **Appendix 2**

**Wiring diagram of the cabinet**

# Appendix 2: Wiring diagram of the cabinet



1. If you see the mark, please attach a label.
2. All sheet metal parts need to be grounded.
3. Use cable shielded wires.
4. Cable shielded wire net needs to connect to GND

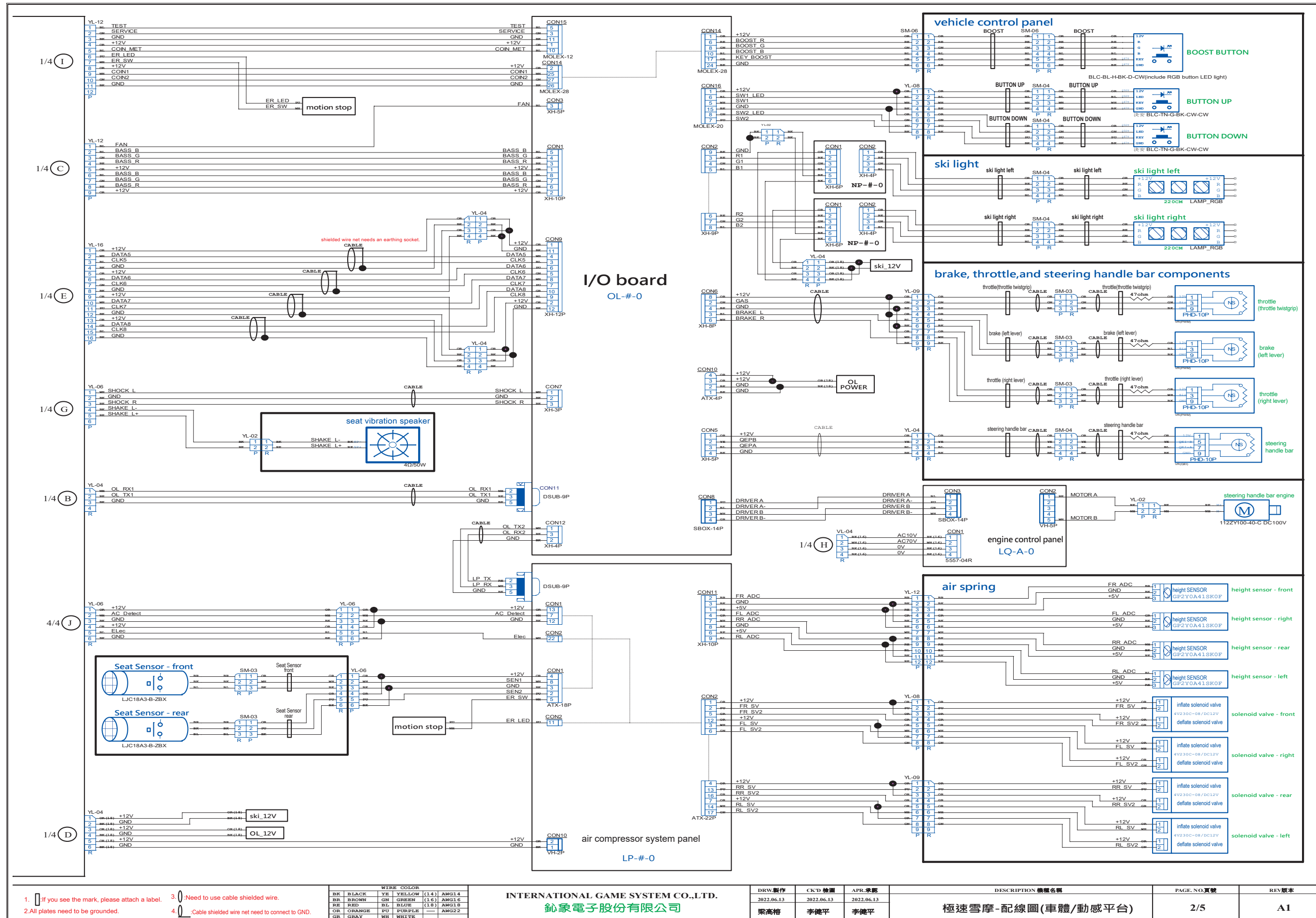
WIRE COLOR	
BK	BLACK
BR	BROWN
RE	RED
OR	ORANGE
GR	GRAY
YE	YELLOW (14)
GN	GREEN (16)
BLU	BLUE (18)
PUR	PURPLE
WH	WHITE

INTERNATIONAL GAME SYSTEM CO.,LTD.  
鈺象電子股份有限公司

DRW.製作	CKD 檢閱	APR. 承認
2023.03.13	2023.03.13	2023.03.13
梁高標	李健平	李健平

DESCRIPTION 機櫃名稱	PAGE NO. 頁號	REV 版本
極速雲摩-配線圖(Power & Setting)	1/5	A4

# Appendix 2: Wiring diagram of the cabinet



1. If you see the mark, please attach a label.
2. All plates need to be grounded.
3. Need to use cable shielded wire.
4. Cable shielded wire net need to connect to GND.

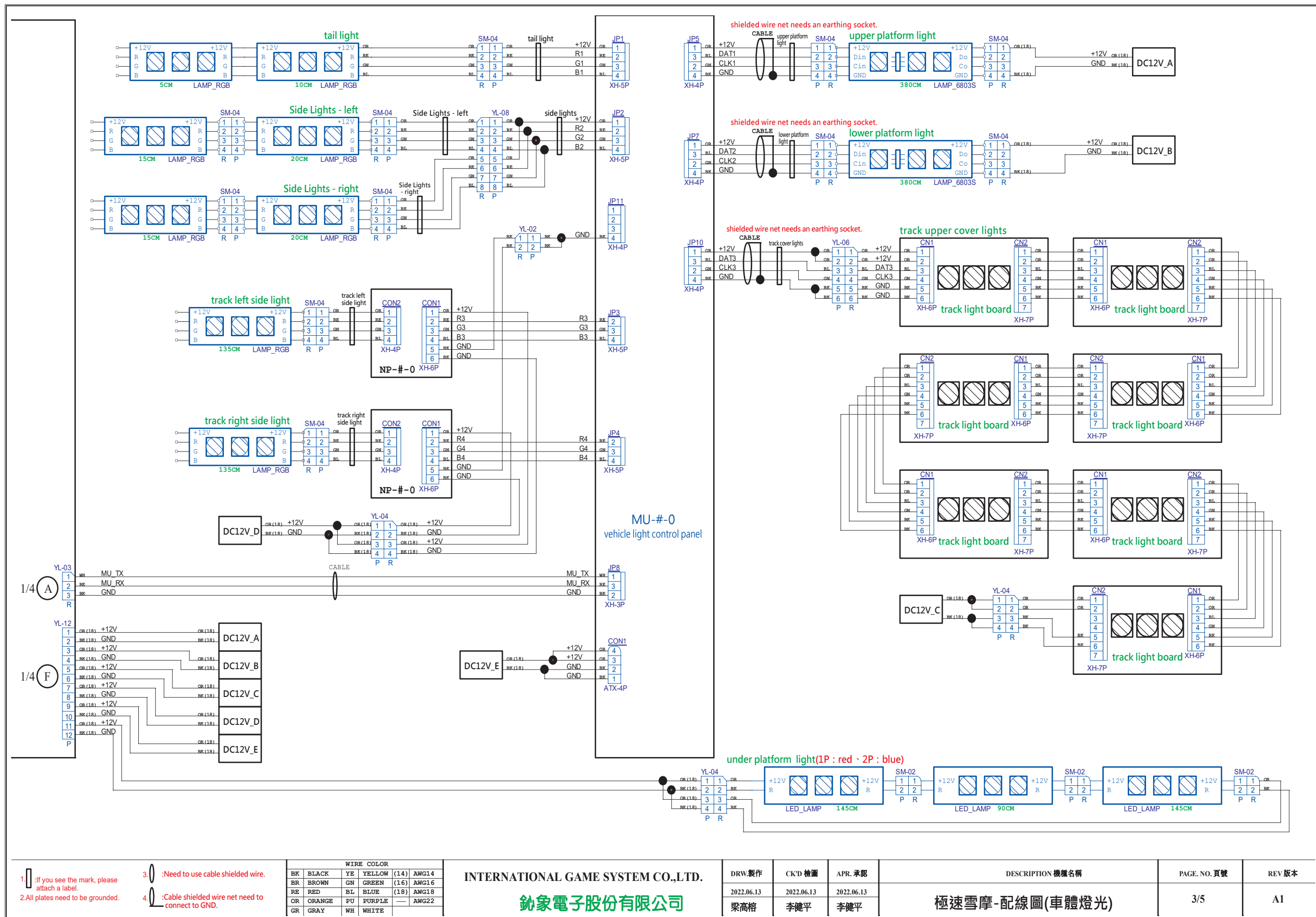
WIRE COLOR			
BR	BLACK	YE	YELLOW (1.4) AWG1.4
BR	BROWN	GN	GREEN (1.6) AWG1.6
RE	RED	BL	BLUE (1.8) AWG1.8
OR	ORANGE	PU	PURPLE (1.8) AWG2.2
GR	GRAY	WH	WHITE

INTERNATIONAL GAME SYSTEM CO.,LTD.  
鈞象電子股份有限公司

DRW.製作	CK'D.檢圖	APR.承認
2022.06.13	2022.06.13	2022.06.13
梁高榕	李健平	李健平

DESCRIPTION 機電名稱	PAGE. NO.頁號	REV.版本
極速雪摩-配線圖(車體/動感平台)	2/5	A1

## Appendix 2: Wiring diagram of the cabinet



WIRE COLOR			
BK	BLACK	YE	YELLOW (14) AWG14
BR	BROWN	GN	GREEN (16) AWG16
RE	RED	BL	BLUE (18) AWG18
OR	ORANGE	PU	PURPLE (---) AWG22
GR	GRAY	WH	WHITE (---)

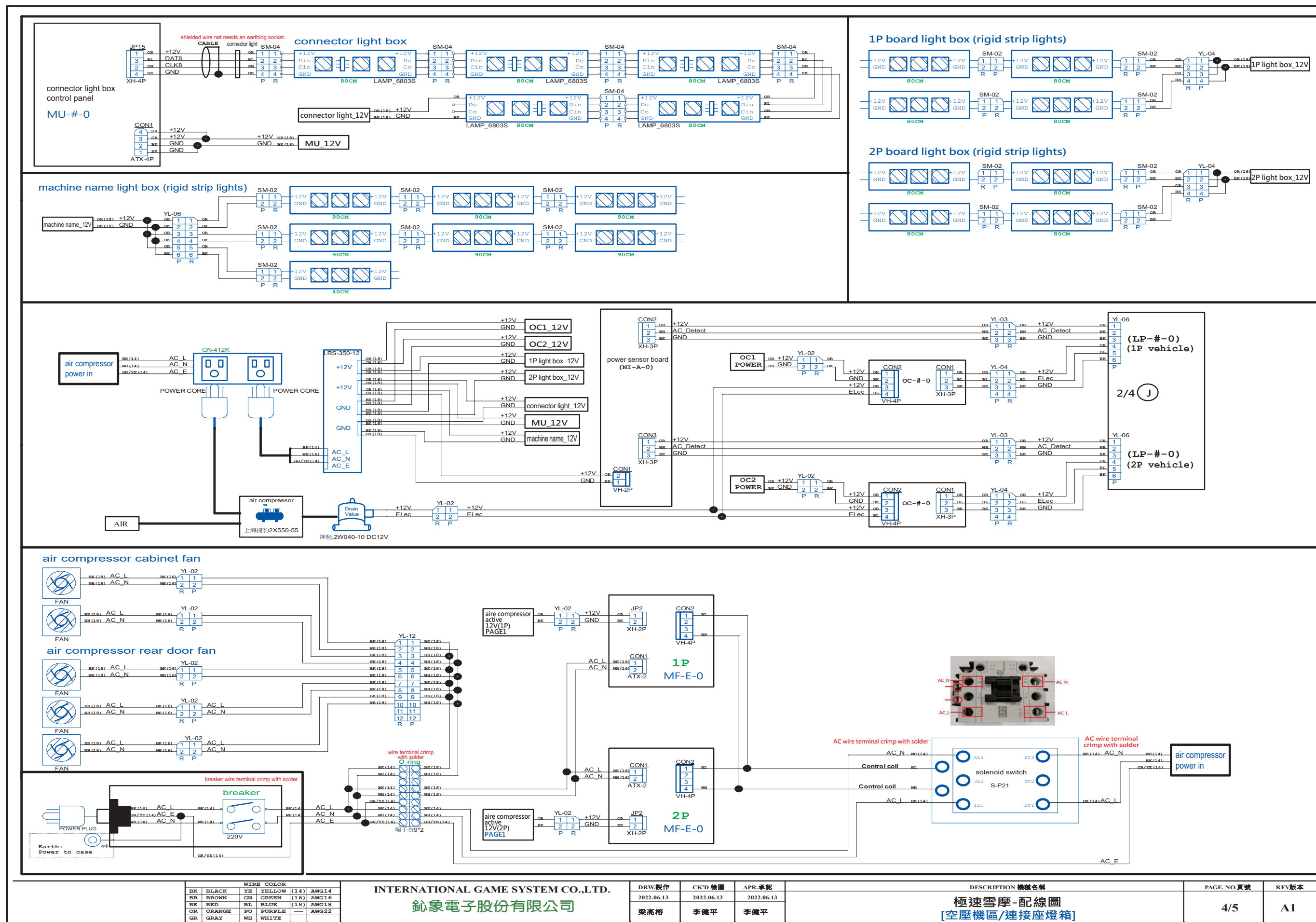
INTERNATIONAL GAME SYSTEM CO.,LTD.

鈞象電子股份有限公司

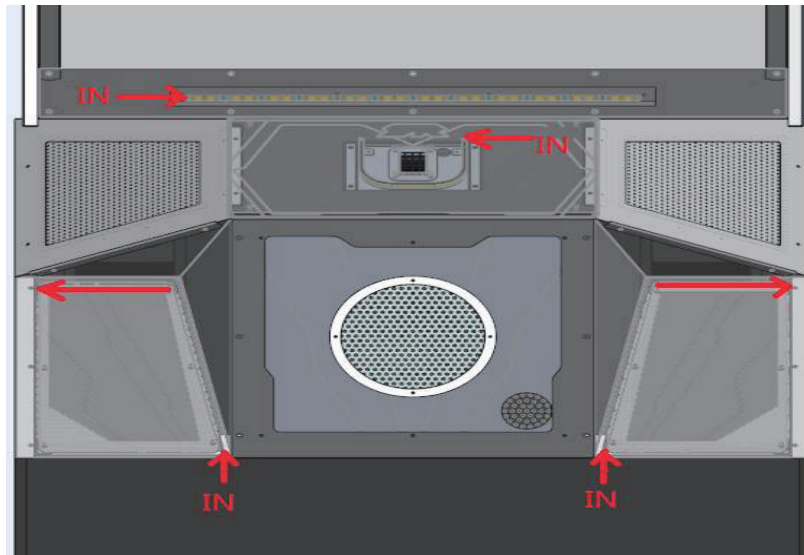
DRW 製作	CK'D 檢圖	APR 承認
2022.06.13 梁高榕	2022.06.13 李健平	2022.06.13 李健平

DESCRIPTION 機種名稱	PAGE. NO. 頁號	REV 版本
極速雪摩-配線圖(車體燈光)	3/5	A1

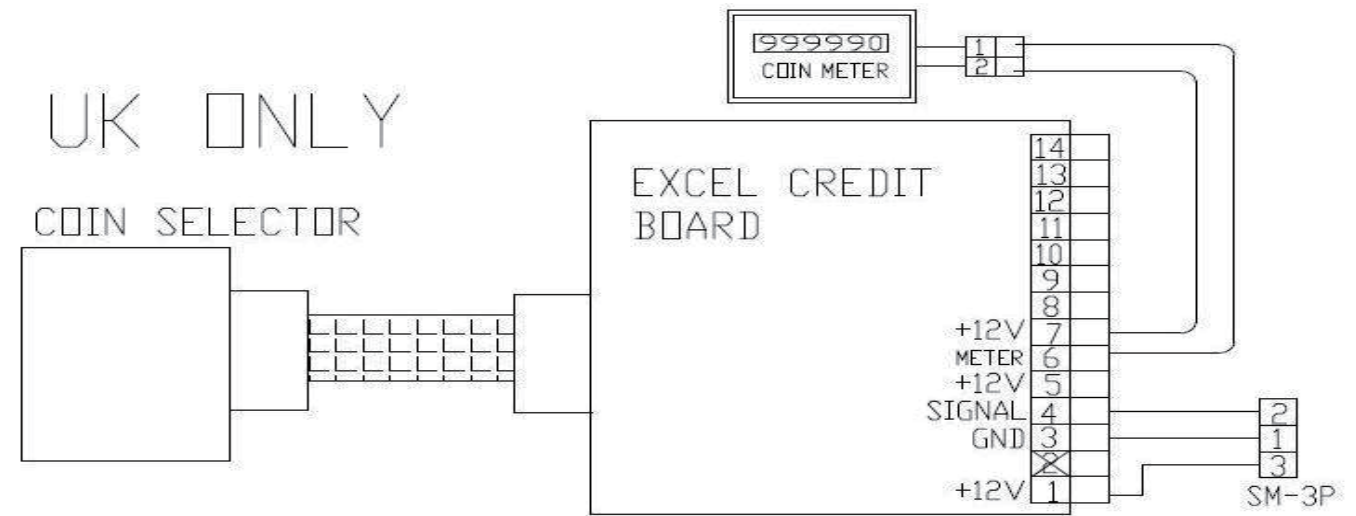
## Appendix 2: Wiring diagram of the cabinet



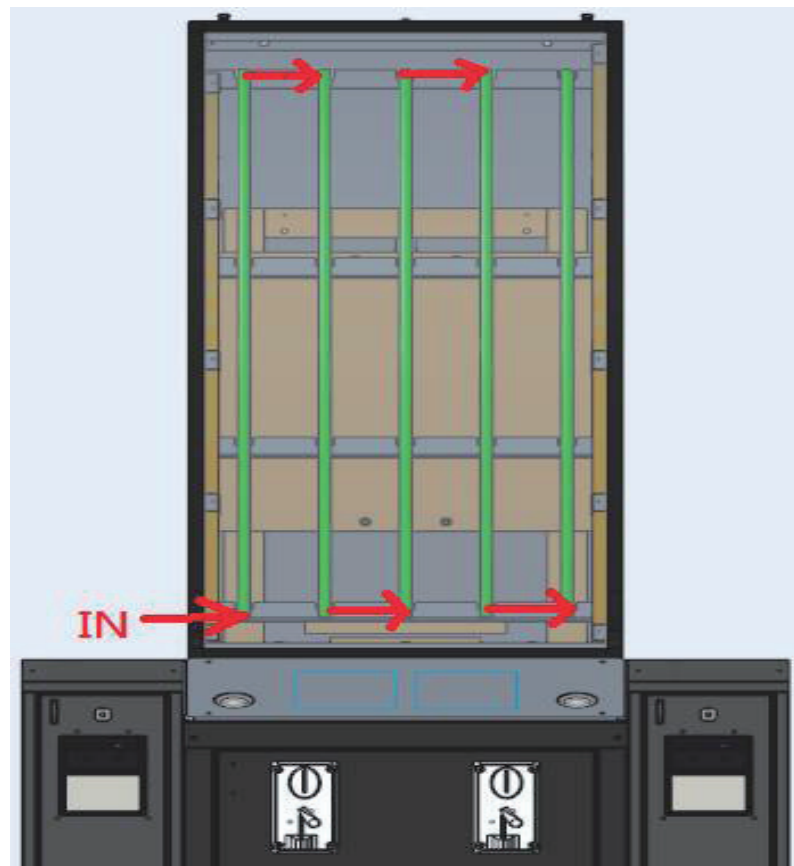
cabinet front light configuration diagram



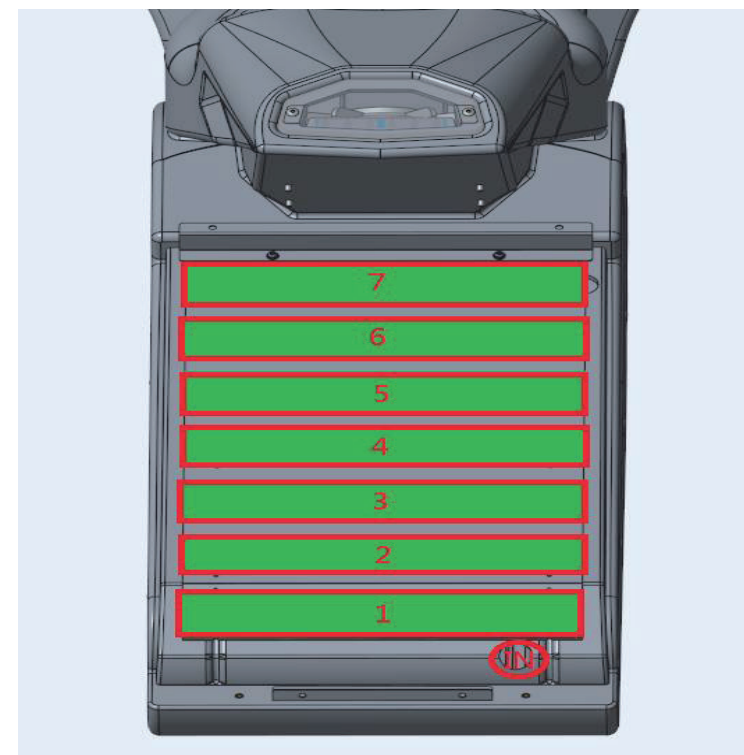
coin acceptor configuration diagram



connector light configuration diagram

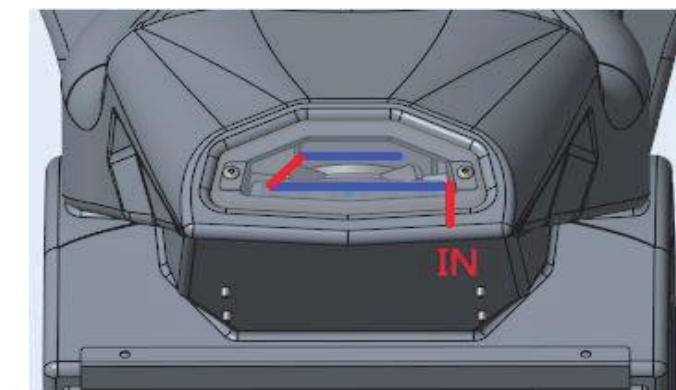


track light configuration diagram



tail light configuration diagram

Due to the limited space, solder the connecting place for light strips directly.



DESCRIPTION 機種名稱

極速雪摩-配置示意圖

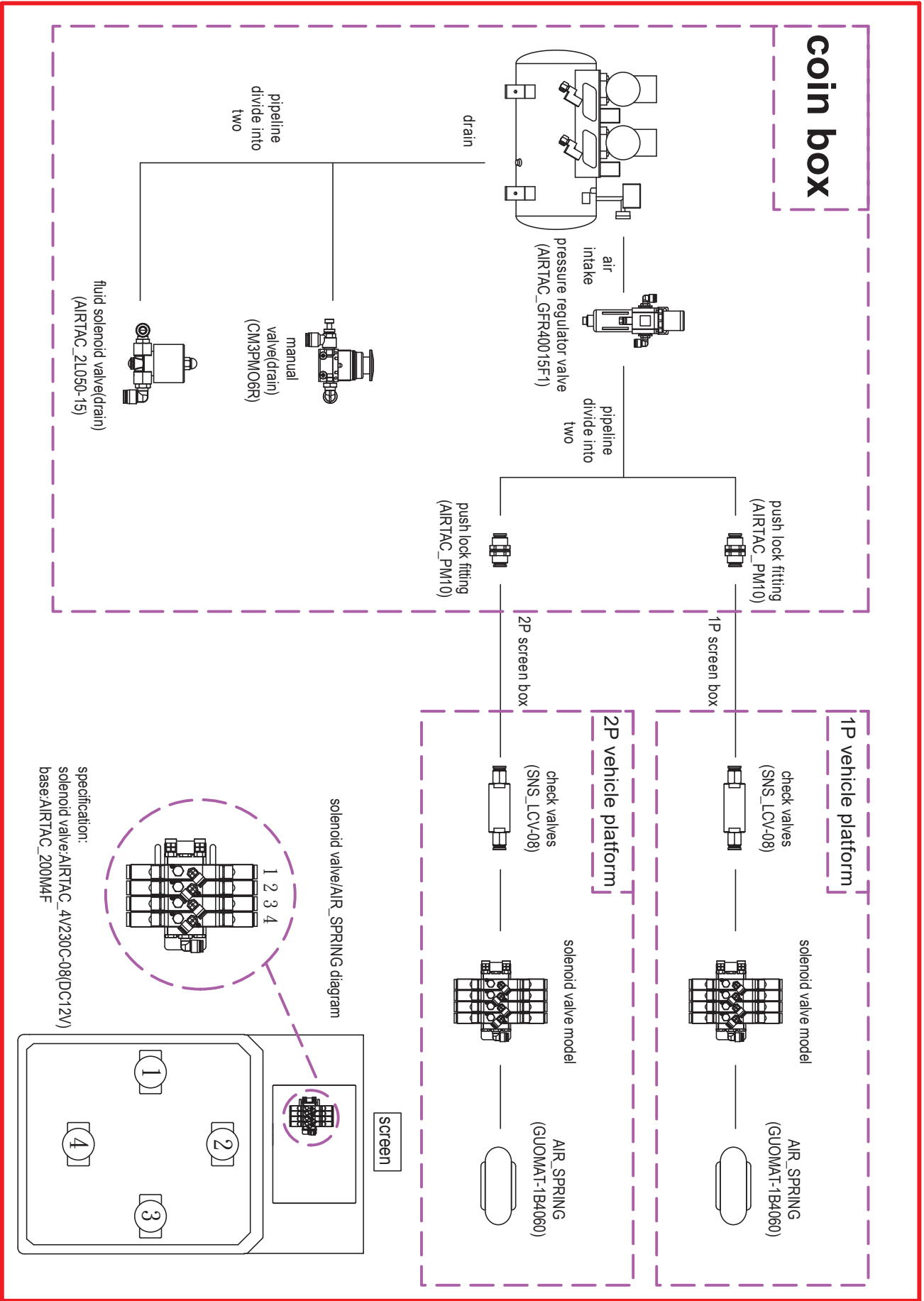
PAGE. NO. 頁數

5/5

REV 版本

A4

# Appendix 3 : Air-flow diagram of the cabinet



## SPARES AND SERVICE CONTACT INFORMATION



amusements international

### - SEGA TOTAL SOLUTIONS -

42 Barwell Business Park  
Leatherhead Road,  
Chessington,  
Surrey,  
KT9 2NY  
United Kingdom

Parts: +44 (0) 2083918060  
stssales@segaarcade.com

### - TECHNICAL SUPPORT -

+44 (0) 2083918060  
technical@segaarcade.com

---

### - PLAY IT AMUSEMENTS -

870 Lively Blvd  
Wood Dale,  
IL,  
602191  
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