



# OWNER'S MANUAL

Ver.2.00



## ! WARNING

- For safety reasons, please read the manual first before plugging in machine.
- Please keep this manual properly for convenient reference as needed.
- The machine specifications or the information in this operation manual may be change without prior notice.

# About This Manual

---

Thank you for purchasing this product.

The manual describes how to install, set up, use and maintain the product. The main purpose of the manual is to instruct how to operate the product correctly and safely. Please follow all the safety and warning instructions in the manual to avoid personal injury and product damage.

This product may only be maintained by a technician. A technician mainly refers to a person who has obtained a certificate of senior middle school related to mechanical engineering, electrical engineering or at a level equal to that of technical senior middle school graduates, and is engaged routinely in the maintenance, management, repair of amusement machine.

When transferring the ownership of this product, be sure to provide this manual with the machine.

For further information about the game and repair (including consumables), please contact our company.

**© GuangZhou Wahlap Technology Corporation Limited All Rights Reserved.**

Unauthorized reproduction of this document or any of its contents in any form is strictly forbidden.

# Table of Contents

---

## About This Manual

|                                              |           |
|----------------------------------------------|-----------|
| <b>1. Safety Precautions.</b>                | <b>1</b>  |
| 1.1 Warning Stickers                         | 1         |
| 1.2 Placing Site                             | 1         |
| 1.3 Safety Precautions                       | 2         |
| 1.4 Precaution during Play                   | 3         |
| 1.5 Transporting and Moving                  | 3         |
| 1.6 Installing and Placing                   | 4         |
| 1.7 Caution & Warning Stickers               | 5         |
| <b>2. Product Description.</b>               | <b>6</b>  |
| 2.1 Product Specification                    | 6         |
| 2.2 Overview                                 | 7         |
| 2.3 Parts Name                               | 8         |
| 2.4 Shipment List                            | 9         |
| 2.5 Packing List                             | 12        |
| 2.6 Install Direction                        | 13        |
| 2.7 Position of seat rear-plastic components | 17        |
| <b>3. Game Description.</b>                  | <b>18</b> |
| 3.1 Appearance Design                        | 18        |
| 3.2 Game introduction                        | 18        |
| 3.3 How to play                              | 18        |
| <b>4. Test and Setting.</b>                  | <b>19</b> |
| 4.1 Game Description                         | 19        |
| 4.2 Installation                             | 20        |
| 4.2.1 Connection Setting                     | 20        |
| 4.2.2 I/O Adjustment                         | 20        |
| 4.2.3 Setting Other Related Items            | 21        |
| 4.2.4 Important Notes for Staff              | 21        |
| 4.3 How to Play                              | 23        |
| 4.4 Instruction Of The Game Display          | 25        |
| 4.5 Using the Operator Settings              | 26        |
| 4.5.1 Menu Structure                         | 26        |
| 4.5.2 Main Menu Operation                    | 27        |
| 4.5.3 Hardware Test                          | 28        |
| 4.5.3.1 I/O Test                             | 29        |
| 4.5.3.2 Screen Test                          | 30        |
| 4.5.3.3 Sound Test                           | 31        |
| 4.5.3.4 Lamp Test                            | 32        |
| 4.5.3.5 Connection Test                      | 33        |
| 4.5.3.6 Counter Test                         | 35        |
| 4.5.3.7 Vibration Test                       | 36        |
| 4.5.3.8 Fan Speed Test                       | 37        |

|                                                                                                                   |           |
|-------------------------------------------------------------------------------------------------------------------|-----------|
| 4.5.3.9 Air Spring Test .....                                                                                     | 38        |
| 4.5.3.10 Drain Valve Test .....                                                                                   | 39        |
| 4.5.3.11 Camera Test .....                                                                                        | 40        |
| 4.5.3.12 Force Feedback Test .....                                                                                | 41        |
| 4.6 System Setting .....                                                                                          | 42        |
| 4.6.1 Time Settings .....                                                                                         | 43        |
| 4.6.2 Connection Setting .....                                                                                    | 44        |
| 4.6.3 Country Setting .....                                                                                       | 45        |
| 4.6.4 Store Setting .....                                                                                         | 46        |
| 4.6.5 Password Setting .....                                                                                      | 47        |
| 4.6.6 I/O Adjustment .....                                                                                        | 48        |
| 4.6.7 Air Spring Adjustment .....                                                                                 | 49        |
| 4.6.8 Seatbelt Setting .....                                                                                      | 50        |
| 4.7 Game Setting .....                                                                                            | 51        |
| 4.7.1 Coin Option .....                                                                                           | 52        |
| 4.7.2 Volume Setting .....                                                                                        | 53        |
| 4.7.3 Game Time .....                                                                                             | 54        |
| 4.7.4 Battle Reward Setting .....                                                                                 | 55        |
| 4.7.5 Flow Time Setting .....                                                                                     | 56        |
| 4.7.6 Create Account For A Free Game .....                                                                        | 57        |
| 4.8 Income Data .....                                                                                             | 58        |
| 4.8.1 Daily Income .....                                                                                          | 59        |
| 4.8.2 Monthly Income .....                                                                                        | 60        |
| 4.8.3 Total Report .....                                                                                          | 61        |
| 4.9 System Reset .....                                                                                            | 62        |
| 4.9.1 Reset Income Data .....                                                                                     | 63        |
| 4.9.2 Restore Default Setting .....                                                                               | 64        |
| 4.9.3 Ranking Board Reset .....                                                                                   | 65        |
| 4.9.4 Update Progress .....                                                                                       | 66        |
| 4.10 Game Setting Defaults .....                                                                                  | 67        |
| <b>5. Maintenance and Service. ....</b>                                                                           | <b>68</b> |
| 5.1 Maintenance and service .....                                                                                 | 68        |
| 5.2 Part Replacement .....                                                                                        | 69        |
| 5.2.1 Repair and replacement of coin box and the light bar of cashbox .....                                       | 69        |
| 5.2.2 Repair and replacement of light bar for exhaust tube and 5050 soft strip light ...                          | 70        |
| 5.2.3 Maintenance and replacement of (film) switch buttons and light board (LED) of button ...                    | 71        |
| 5.2.4 Repair and replacement for I/O control panel and motor control panel .....                                  | 72        |
| 5.2.5 Maintenance and replacement of woofer .....                                                                 | 73        |
| 5.2.6 Maintenance and replacement of 5050 soft strip light (L=800mm) and 5050 soft strip light (LPD6803 chip) ... | 74        |
| 5.2.7 Repair and replacement of 5050 soft strip light and LCD .....                                               | 75        |
| 5.2.8 Maintenance and replacement of main machine .....                                                           | 76        |
| 5.2.9 Maintenance and replacement of air compressor .....                                                         | 77        |
| 5.2.10 Maintenance and replacement of filters and fluid control valves .....                                      | 78        |
| 5.2.11 Repair and replace the power box and solenoid valve .....                                                  | 79        |
| 5.2.12 Maintenance and replacement of control panel of air compressor system, and light control pane ...          | 80        |



|                                                              |           |
|--------------------------------------------------------------|-----------|
| <b>6. Assembly</b>                                           | <b>81</b> |
| 6.1 Assembly tree diagram                                    | 81        |
| 6.2 General assembly of machine(A9DX-0000000)                | 82        |
| 6.3 Screen frame assembly (A9DX-0100000)                     | 84        |
| 6.3.1 Frame base assembly (A9DX-0101000)                     | 86        |
| 6.3.2 Filter assembly I(A9DX-0102000)                        | 88        |
| 6.3.3 Filter assembly(A9DX-0103000)                          | 89        |
| 6.3.4 Fluid control valve assembly(A9DX-0104000)             | 90        |
| 6.3.5 Main machine assembly(A9DX-0105000)                    | 91        |
| 6.3.5.1 A9DX main machine(A9DX-0105000A)                     | 92        |
| 6.3.6 Power amplifier assembly(A9DX-0106000)                 | 93        |
| 6.3.7 Power box transformer assembly(A9DX-0107000)           | 94        |
| 6.3.8 Vibration power amplifier board assembly(A9DX-0108000) | 95        |
| 6.3.9 Motor drive plate assembly (A9DX-0109000)              | 96        |
| 6.3.10 Power-in assembly (A9DX-0110000)                      | 97        |
| 6.3.11 Air compressor assembly(A9DX-0111000)                 | 98        |
| 6.3.12 Assembly of LCD(A9DX-0112000)                         | 99        |
| 6.3.13 Camera assembly(A9DX-0113000)                         | 100       |
| 6.3.14 Light box & light bar assembly(A9DX-0114000)          | 101       |
| 6.3.15 Filter assembly II(A9DX-0115000)                      | 102       |
| 6.4 Vivid platform assembly (A9DX-0200000)                   | 103       |
| 6.4.1 Platform bottom assembly (A9DX-0201000)                | 104       |
| 6.4.2 Air bag assembly (A9DX-0202000)                        | 105       |
| 6.4.3 Platform support frame assembly (A9DX-0203000)         | 106       |
| 6.4.4 Platform sensor assembly (A9DX-0204000)                | 107       |
| 6.4.5 Base IO board assembly (A9DX-0205000)                  | 108       |
| 6.4.6 Solenoid valve base assembly (A9DX-0206000)            | 109       |
| 6.4.7 Base power box assembly (A9DX-0207000)                 | 110       |
| 6.4.8 Platform gate (A9DX-0208000)                           | 111       |
| 6.5 Console assembly(A9DX-0300000)                           | 112       |
| 6.5.1 Console speaker assembly(A9DX-0301000)                 | 114       |
| 6.5.2 Steering wheel motor assembly(A9DX-0302000)            | 115       |
| 6.5.3 Console woofer assembly(A9DX-0303000)                  | 116       |
| 6.5.4 Blower assembly for console (A9DX-0304000)             | 117       |
| 6.5.5 Console IO board assembly(A9DX-0305000)                | 118       |
| 6.5.6 Motor control panel assembly(A9DX-0306000)             | 119       |
| 6.5.7 Plastic-forming console assembly(A9DX-0307000)         | 120       |
| 6.5.8 Steering wheel assembly(A9DX-0308000)                  | 121       |
| 6.6 Car body assembly(A9DX-0400000)                          | 122       |
| 6.6.1 Buckle-up assembly(A9DX-0401000)                       | 124       |
| 6.6.2 Buckle-up assembly(A9DX-0402000)                       | 125       |
| 6.6.3 Safety belt assembly(A9DX-0403000)                     | 126       |
| 6.6.4 License plate light assembly(A9DX-0404000)             | 127       |
| 6.6.5 Internal assembly of wheel(A9DX-0405000)               | 128       |

|                                                                            |            |
|----------------------------------------------------------------------------|------------|
| 6.6.6 External contour assembly(A9DX-0406000) .....                        | 129        |
| 6.6.7 Seat assembly(A9DX-0407000) .....                                    | 130        |
| 6.6.8 Nitrogen cylinder assembly(A9DX-0408000) .....                       | 131        |
| 6.6.9 Long slide-rail group(A9DX-0409000) .....                            | 132        |
| 6.7 Platform pedal assembly(A9DX-0500000) .....                            | 133        |
| 6.8 Cashbox assembly(A9DX-0600000) .....                                   | 134        |
| 6.8.1 Cashbox & light bar assembl(A9DX-0601000) .....                      | 135        |
| 6.9 Top light box assembly(A9DX-0700000).....                              | 136        |
| 6.9.1 Light assembly on the right side of light box(A9DX-0701000).....     | 137        |
| 6.9.2 Light assembly on the left side of the light box(A9DX-0702000) ..... | 138        |
| 6.10 Maintenance door assembly(A9DX-0800000) .....                         | 139        |
| <b>7.Printing Pattern .....</b>                                            | <b>140</b> |
| <b>8.Wiring Diagram .....</b>                                              | <b>142</b> |
| <b>After-sales Service</b>                                                 |            |

# 1. Safety Precautions

## 1.1 Warning Stickers

---

In order to avoid injury to related people and damage to property, please observe the followings:

### PLEASE READ FIRST

- The following marks can be used to indicate the magnitudes of risk and damage caused by ignorance or improper operation:

|                                                                                                  |                                                       |
|--------------------------------------------------------------------------------------------------|-------------------------------------------------------|
|  <b>Warning</b> | means “may result in serious injury or death”         |
|  <b>Caution</b> | means “may result in minor injury or property damage” |

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

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

## 1.2 Placing Site

---

### **Warning**

- please make sure the place line has been grounded before product installation, setup, testing, operation or repair
- This machine is designed for indoor use only. Never install the machine outdoors. Meanwhile, please avoid the following locations indoor:
  - Direct sunlight, water leakage, damp and high temperature places.
  - Near Flammable, volatile, or/and dangerous substance.
  - Slope, unstable places or locations subject to frequent vibration.
  - Near emergency exit, fire extinguisher or similar equipment.
- The rear part has the vent for heat emission from PC or screen. Don't place anything nearby to avoid game failure.
- Provide a space of minimum 30cm between the rear of the machine and the wall for good ventilation and heat emission

## 1.3 Safety Precautions

---

The owner shall pay attention to the followings when placing, checking and repairing machine to insure player's security and avoid damage:



### Warning

- please check the voltage is 110V or 220V before the machine connects to the power supply, or it may cause a fire or electric shock.
- Make sure to plug the game into 110V or 220V main outlet to avoid fire and electric shock.
- Make sure to turn off the power when performing maintenance and service to avoid electric shock or short circuit.
- Do not unplug or plug the plug instantly.
- Don't touch the power plug with a wet hand to avoid electric shock.
- Don't expose the power cord/grounding line on the passageway. Failure to do this will damage the power cord, causing electric shock or short circuit.
- Don't lay anything near the power cord to avoid fire.
- Do not pull the power cord when unplugging, please hold the plug to avoid power cord damage, causing fire or electric shock.
- In case of power cord damage, please contact the local distributor for replacement
- Only use fuse and spare parts specified by our company
- Connect the connector firmly and tighten the screws.
- Do not dismount, replace or convert the product without our permission in order to avoid damage and human injury due to improper operation.
- Check and maintain the machine regularly.
- Keep "Warning stickers" clean and legible. Replace it immediately when the words are not legible or the dirt can't be removed.
- Please contact our service center when performing any work that is not described in this manual, and follow the instruction provided.

## 1.4 Precautions during Play

### Caution

- In order to avoid injury and accident during play, the following people shall not play the game:
  - People who are injured or less mobile.
  - Person with poor health condition, such as hypertension or heart disease.
  - Person wearing high-heeled or slippery shoes.
  - Person who can't touch the pedal.
  - Pregnant woman, drunk people.
- When a player feels uncomfortable during play, remind the person to have a break, or stop playing.
- Make sure the player reads the warning labels and other indications, and plays in accordance with the instructions to avoid accidents such as electric shock and short circuit.
- Bystander shall not operate any button when the player is playing the game to avoid unnecessary trouble.

## 1.5 Transporting and moving

### Caution

#### Transporting

- When transporting the machine with an elevator, be sure to employ "Lift Point" to prevent accident and damage to the machine.
- To prevent movement when transporting the machine on a vehicle, please fix the casters and fully retract the adjusters. Failure to do this may cause damage to the machine.
- When carrying the machine with a forklift, be sure to insert the fork to fork position and lift stably. If not, it may cause accident and damage to the machine.
- The glass and LCD screen are fragile. Avoid violent vibration or shock when transporting.

#### Moving

- Before moving the machine, unplug the power plug to prevent accident. Don't damage the cord.
- Pay attention to the obstructions and uneven surface when moving the machine to prevent accident and damage to the machine.
- Fully retract all adjusters before moving to prevent accident and hazard.
- Make sure to use at least two persons to conduct the above work to avoid accident and injury
- Pay attention to the moving direction, see fig.



## 1.6 Installing and Placing

Pay attention to the following when placing the machine.

### Caution

- Place the machine on the flat and slip resistant area.
- Use the adjusters to fix the machine (See diagram 1)
  1. Loosen the nuts for the adjusters (clockwise), tighten the bolts with a wrench (clockwise).
  2. Tighten the nut firmly (counter clockwise) and fix it well.

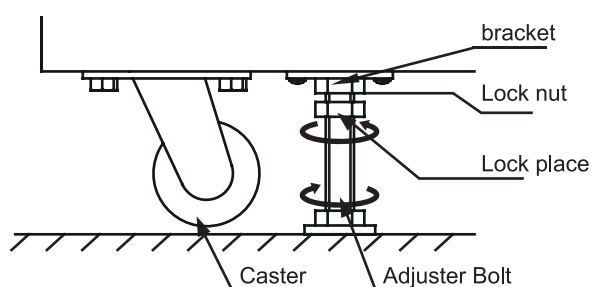


Diagram (1)

- Provide a space of minimum 30cm between the rear of the machine and the wall for good ventilation and heat emission (See diagram 2 and diagram 3).

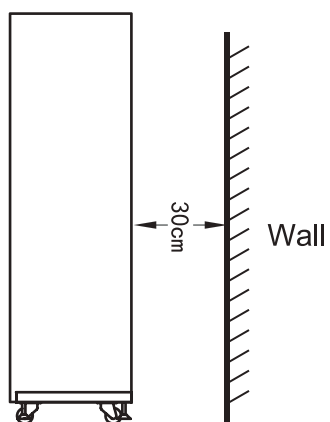


Diagram (2)

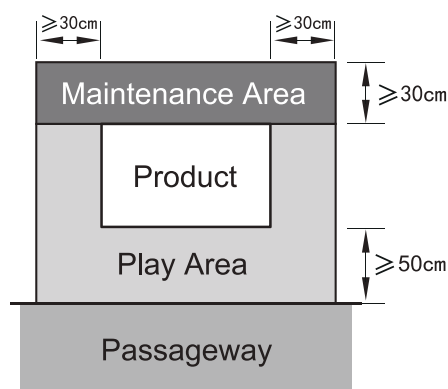
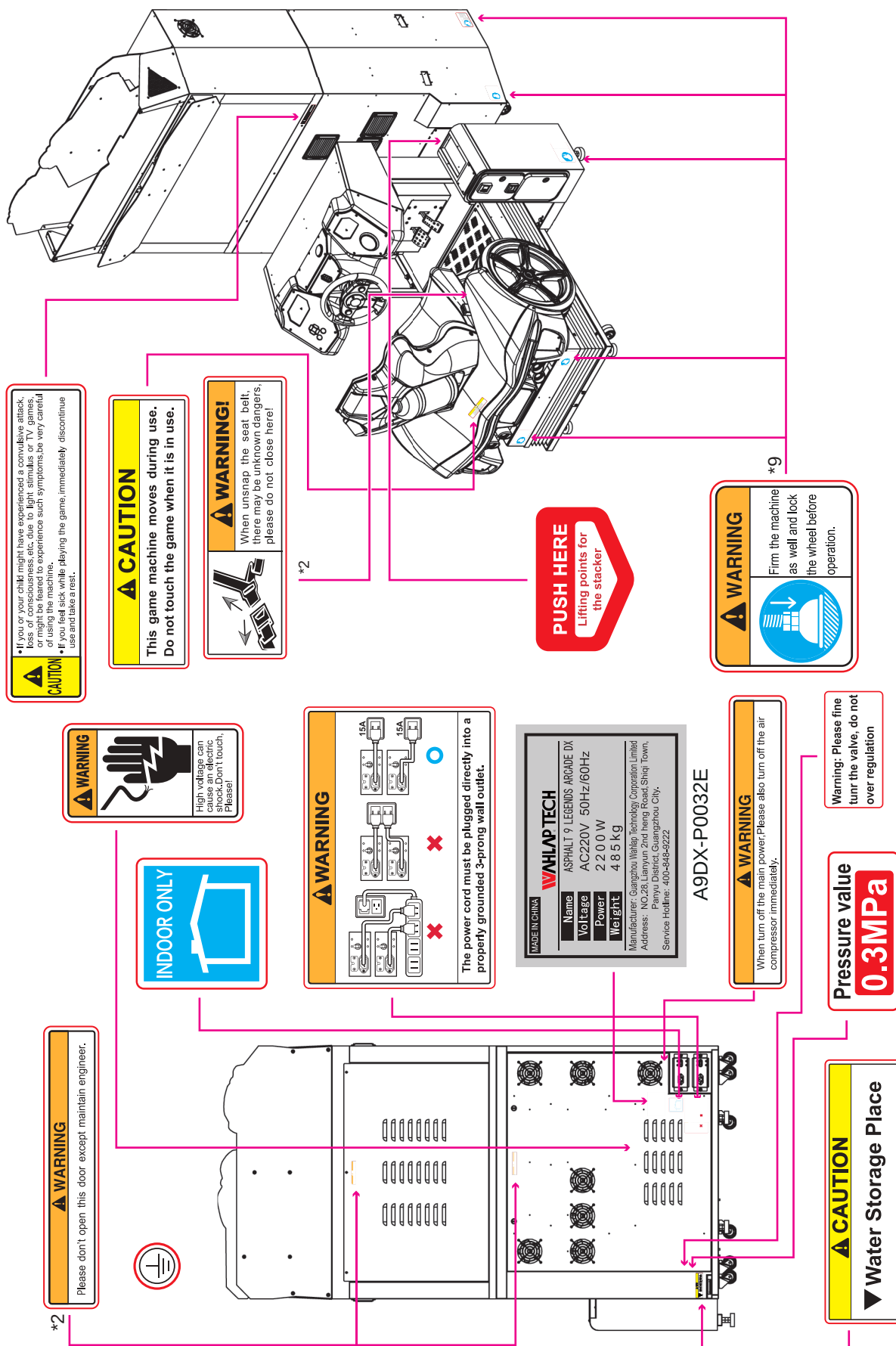


Diagram (3)

## 1.7 Caution & Warning Stickers





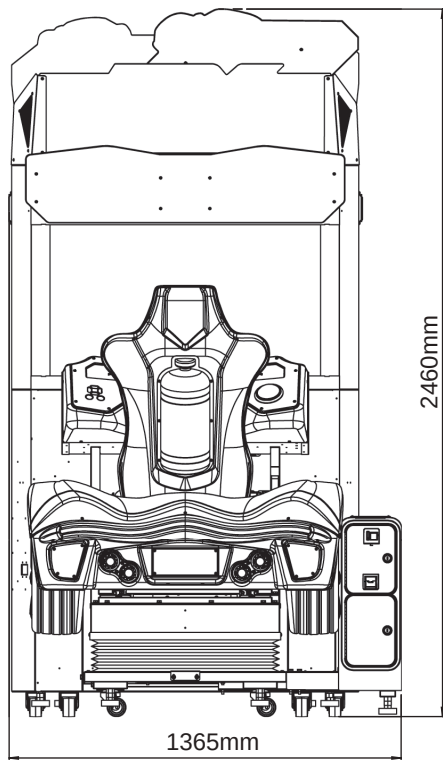
# 2. Product Description

## 2.1 Product Specification

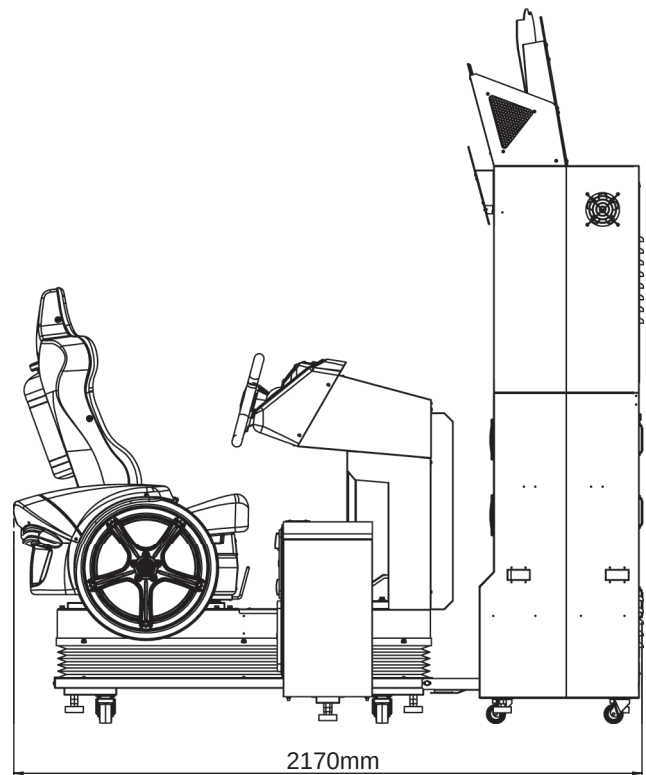
|                           |                         |
|---------------------------|-------------------------|
| ■ Location                | Indoor Only             |
| ■ Dimension               | 1365(W)×2170(D)×2460(H) |
| ■ Rated Voltage、Frequency | AC220V 50Hz/60Hz        |
|                           | AC110V 50Hz/60Hz        |
| ■ Power Consumption       | 2200W                   |
| ■ Weight                  | 485kg                   |
| ■ Temperature Range       | 5~40 °C                 |

\*110V voltage can be set through the transformer and fuse.Please contact the distributor for details.

NOTE:The contents herein described are subject to change without notice.



■ Front View

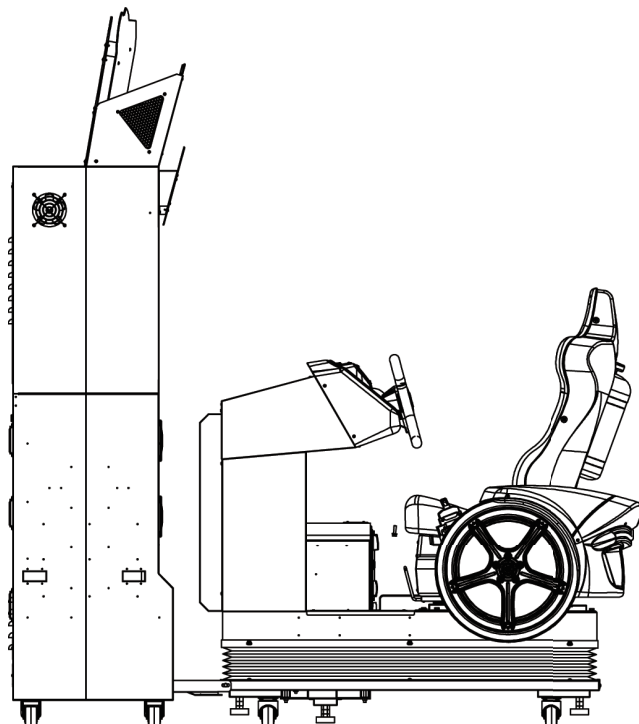


■ Side View

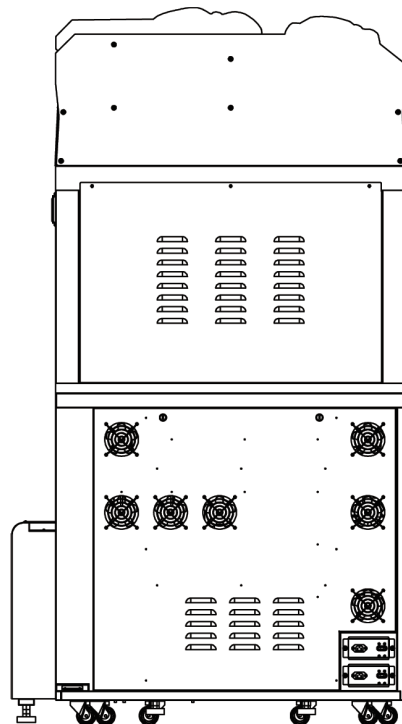
## 2.2 Overview

---

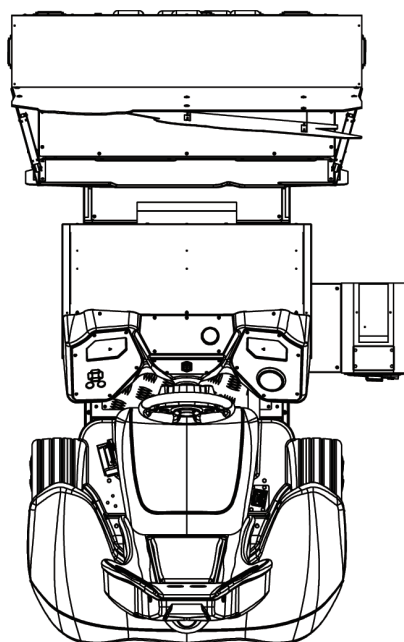
■ Side View



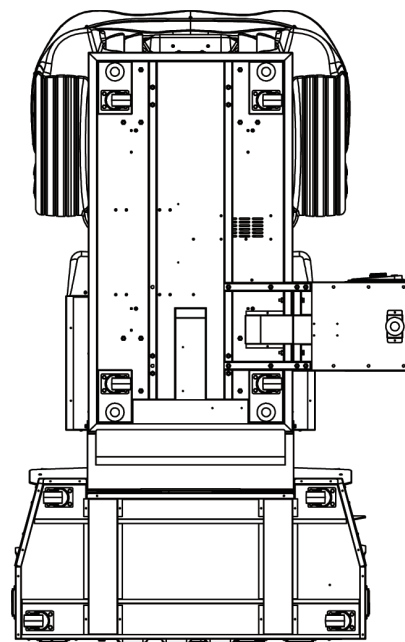
■ Rear View



■ Top View

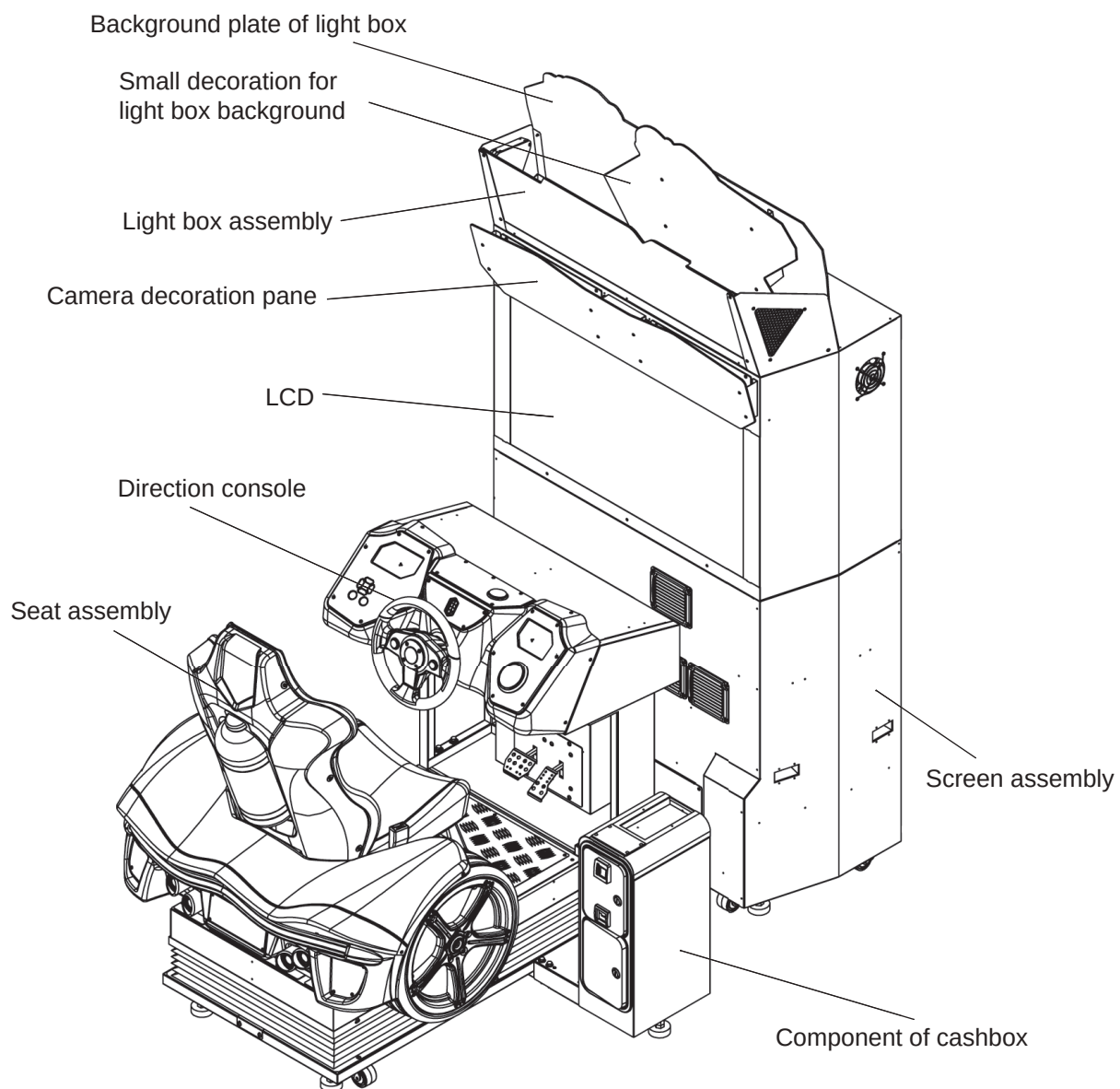


■ Bottom View



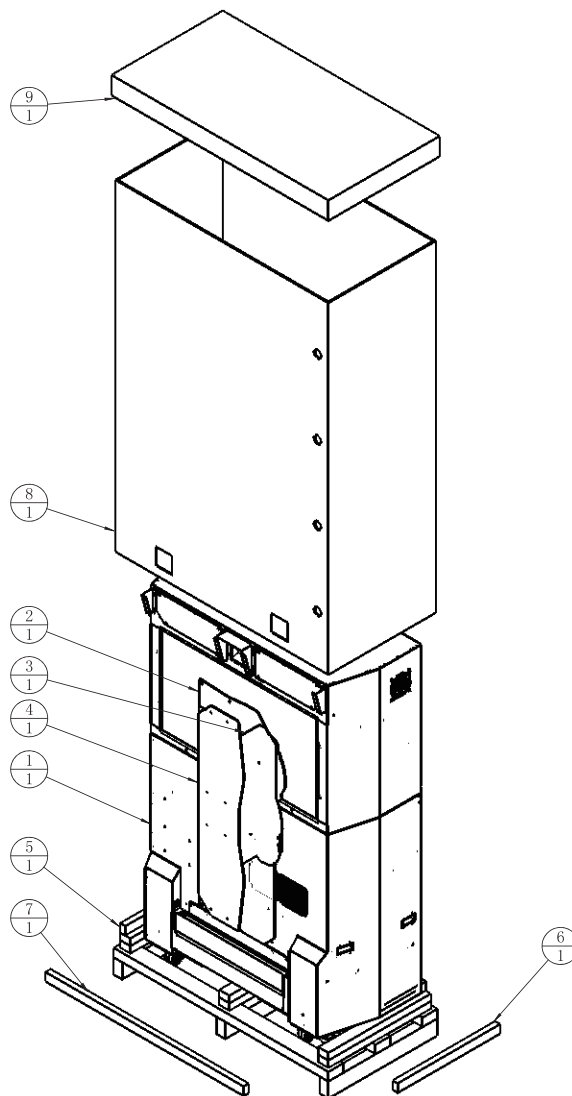
## 2.3 Parts Name

---



# 2.4 Shipment List

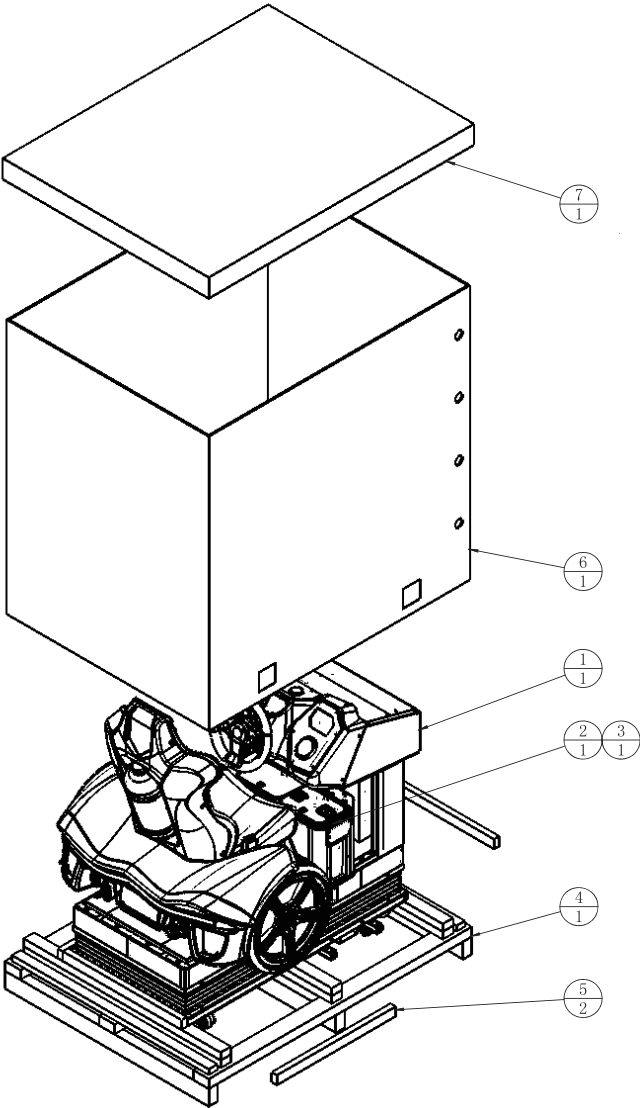
## ■ Packing Carton 1



|                      |                                     |  |        |
|----------------------|-------------------------------------|--|--------|
| 产品名称<br>Machine Name | ASPHALT<br>LEGENDS X                |  |        |
| 箱体重量<br>Box Weight   | 290 kg                              |  |        |
| 箱体尺寸<br>Box Size     | 1300 × 660 × 2100 mm<br>(W) (D) (H) |  |        |
| 箱体备注<br>Note         | 荧幕框主件、灯箱背景板、<br>灯箱背景小装饰、摄像头装饰板      |  |        |
| C/NO.                | 1 / 3                               |  | 条形码粘贴处 |

|     |              |                                 |                   |      |              |
|-----|--------------|---------------------------------|-------------------|------|--------------|
| 9   | A9DX-9901E05 | screen cover                    | water 2C850gT-7   | 1    |              |
| 8   | A9DX-9901E04 | screen coaming                  | water 2C850gT-7   | 1    |              |
| 7   | A9DX-9901E03 | screen Platform limit wood 2    | wood : 30*50*1200 | 1    |              |
| 6   | A9DX-9901E02 | screen Platform limit wood 1    | wood : 30*50*620  | 1    |              |
| 5   | A9DX-9901E01 | screen Platform                 | wood              | 1    |              |
| 4   | A9DX-P0004   | Camera decorative plate         | PMMA-3.0T         | 1    |              |
| 3   | A9DX-P0013   | Light box background decoration | PMMA-3.0T         | 1    |              |
| 2   | A9DX-P0012   | Light box background board      | Andy board-5.0T   | 1    |              |
| 1   |              | Machine assembly                |                   | 1    |              |
| No. | Draw No.     | Name                            | Material/Spec.    | Qty. | Product Code |

■ Packing Carton 2

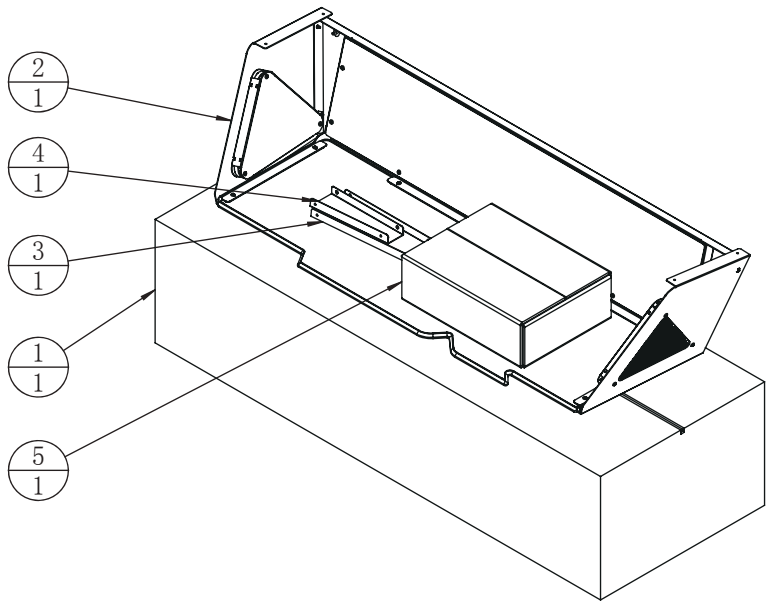


|                      |                                      |
|----------------------|--------------------------------------|
| 产品名称<br>Machine Name | ASPHALT 5                            |
| 箱体重量<br>Box Weight   | 260 kg                               |
| 箱体尺寸<br>Box Size     | 1550 × 1200 × 1650 mm<br>(W) (D) (H) |
| 箱体备注<br>Note         | 车体平台组件、钱箱组件                          |
| C/NO.                | 2/3                                  |

|     |              |                                     |                  |      |              |
|-----|--------------|-------------------------------------|------------------|------|--------------|
| 7   | A9DX-9902E04 | seat cover                          | water 2C850gT-7  | 1    |              |
| 6   | A9DX-9902E03 | seat coaming                        | water 2C850gT-7  | 1    |              |
| 5   | A9DX-9902E02 | limit wood                          | wood : 30*50*700 | 2    |              |
| 4   | A9DX-9902E01 | Platform frame of car body platform | wood             | 1    |              |
| 3   | A9DX-0000A01 | Upper cover of cash box connection  | SPCC-1.2T        | 1    |              |
| 2   | A9DX-0600000 | Cash box assembly                   |                  | 1    |              |
| 1   |              | Car body platform assembly          |                  | 1    |              |
| No. | Draw No.     | Name                                | Material/Spec.   | Qty. | Product Code |

■ Packing Carton 3

|                      |                                    |       |
|----------------------|------------------------------------|-------|
| 产品名称<br>Product Name | ASPALTS                            |       |
| 箱体重量<br>Box Weight   | 13                                 | kg    |
| 箱体尺寸<br>Box Size     | 1250 × 460 × 300 mm<br>(W) (D) (H) |       |
| 箱体备注<br>Box Note     | 顶部灯箱组件、附属品箱                        |       |
| C/NO.                | 3/3                                | 零件明细表 |



|     |              |                            |                |      |              |
|-----|--------------|----------------------------|----------------|------|--------------|
| 5   |              | Accessory List             |                | 1    |              |
| 4   | A9DX-0700A04 | Haoka board fixing frame 2 | SPCC-1.2T      | 1    |              |
| 3   | A9DX-0700A03 | Haoka board fixing frame 1 | SPCC-1.2T      | 1    |              |
| 2   |              | Top light box assembly     |                | 1    |              |
| 1   | A9DX-9903E01 | pop packing carton         | K=K            | 1    |              |
| No. | Draw No.     | Name                       | Material/Spec. | Qty. | Product Code |

## 2.5 Packing List

Please check the following items after purchasing our product. If any part missing or damaged, please contact our sales person!

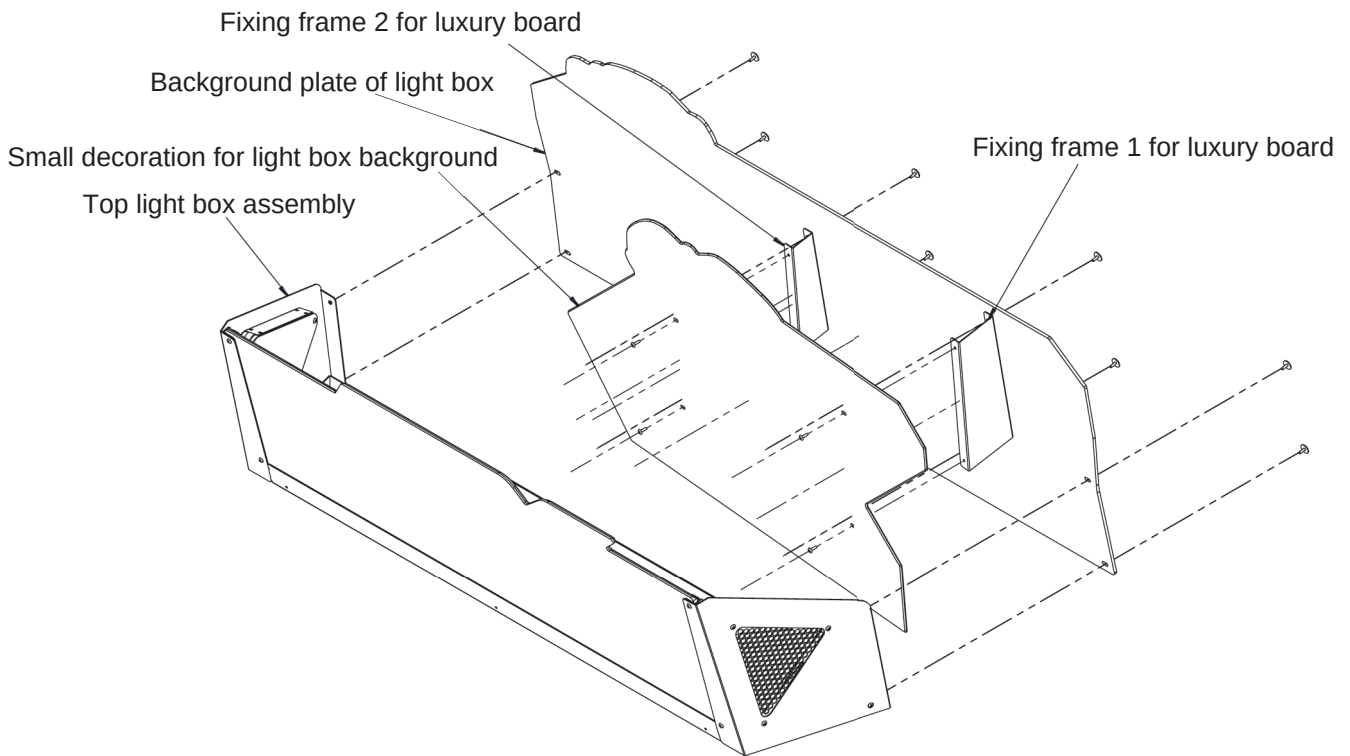
| Description                                 | Specification                | Quantity | Remarks |
|---------------------------------------------|------------------------------|----------|---------|
| The anchor antiskid rubber pad              | Black rubber-8.0T            | 4        |         |
| Anchor anti-skid pad fixing plate           |                              | 4        |         |
| Weld 1 of anchor anti-skid pad fixing plate | SPCC-1.5T                    | 1        |         |
| Weld 2 of anchor anti-skid pad fixing plate | SPCC-1.5T                    | 1        |         |
| Water collecting tray                       |                              | 1        |         |
| Water collecting tray weldment 1            | SPCC-1.2T                    | 1        |         |
| Water collecting tray weldment 1            | SPCC-1.2T                    | 1        |         |
| external hex socket screw                   | M8*80 (black)                | 6        |         |
| Hexagon triple combination                  | 6*16*12*1.2(black)           | 8        |         |
| spring washer                               | M8 (black)                   | 6        |         |
| plain washers                               | φ8*φ16*2.0 (black)           | 6        |         |
| hex socket cap screws                       | M4*8 (Chrome)                | 8        |         |
| cross the big flat head screw               | M4*12 (Chrome)               | 12       |         |
| plain washers                               | Φ4*Φ16*1.0 (Chrome)          | 8        |         |
| Lexus key                                   |                              | 2        |         |
| sponge                                      | sponge 200mm*100mm*20mm      | 1        |         |
| network cable                               | AMP Gigabit network cable 5M | 1        |         |
| ac cable                                    | 3m (1.0m m <sup>2</sup> )    | 2        |         |
| Manual                                      | coated paper                 | 1        |         |

## 2.6 Install Direction

1. Remove the packaging of top light box, take out the top light box assembly, fixing frame 1 for luxury board, fixing frame 2 for luxury board; remove the packaging of screen, take out the background plate of light box, small decoration for light box background; use 4 cross large flat head screws M4\*12 (chrome plated) and 4 flat gaskets  $\Phi 4 \times \Phi 16 \times 1.0$  (chrome plated) to lock the fixing frames 1 and 2 for luxury board to the background plate of light box;

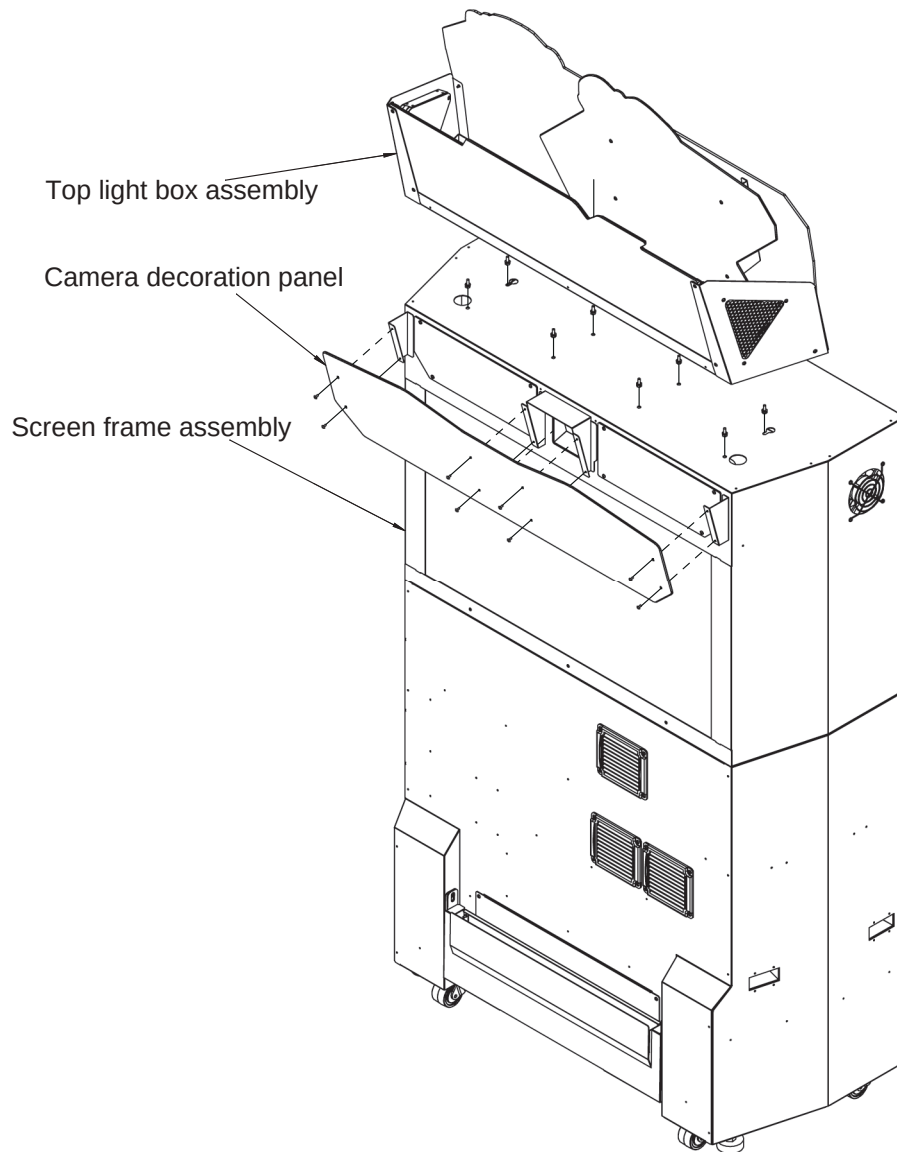
Use 4 cross large flat head screws M4\*12 (chrome plated) to fix the small decoration for light box background together;

Use 4 cross large flat head screws M4\*12 (chrome plated) and 4 flat gaskets  $\Phi 4 \times \Phi 16 \times 1.0$  (chrome plated) to fix the assembled part mentioned above to the top light box assembly.

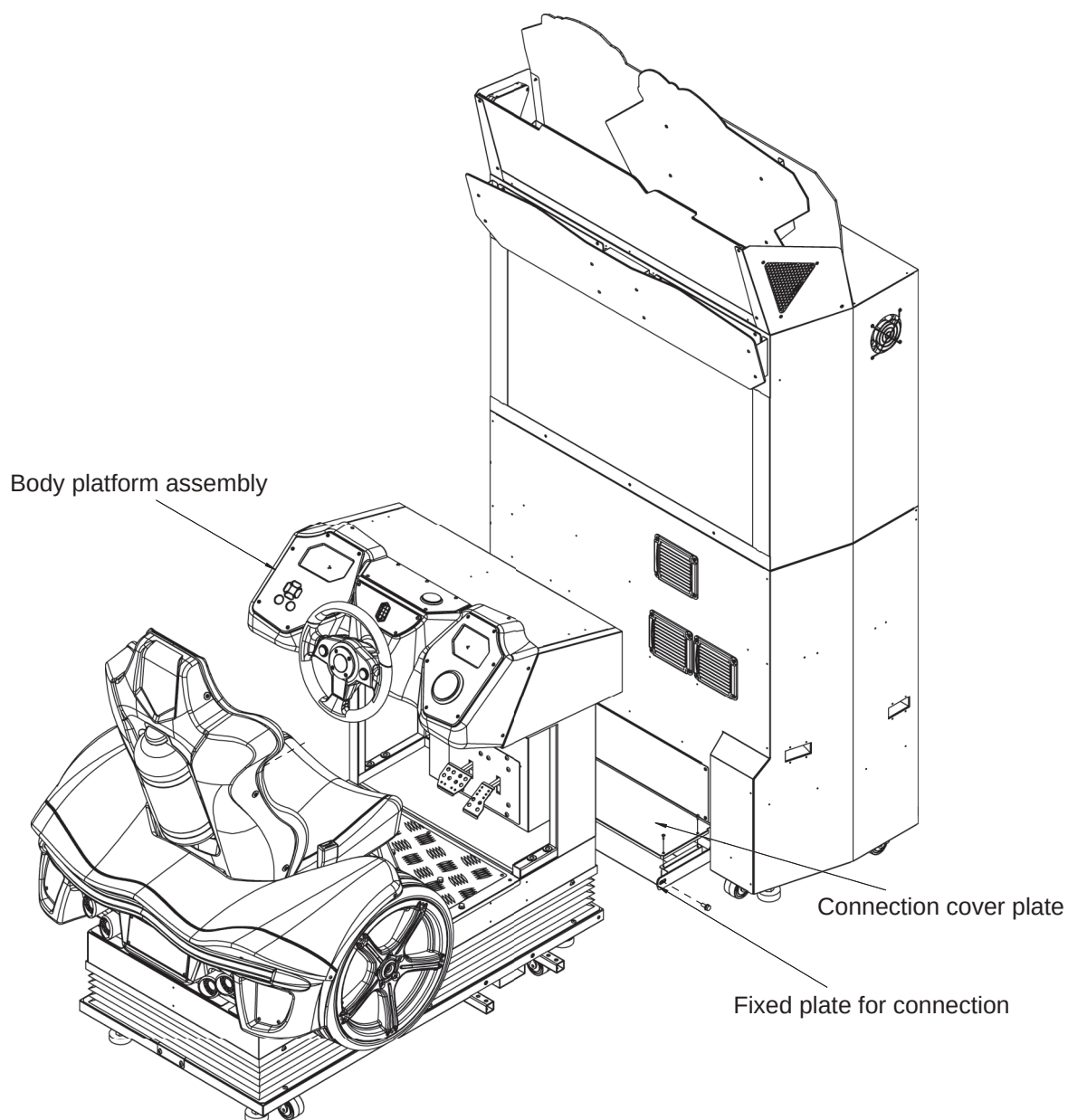




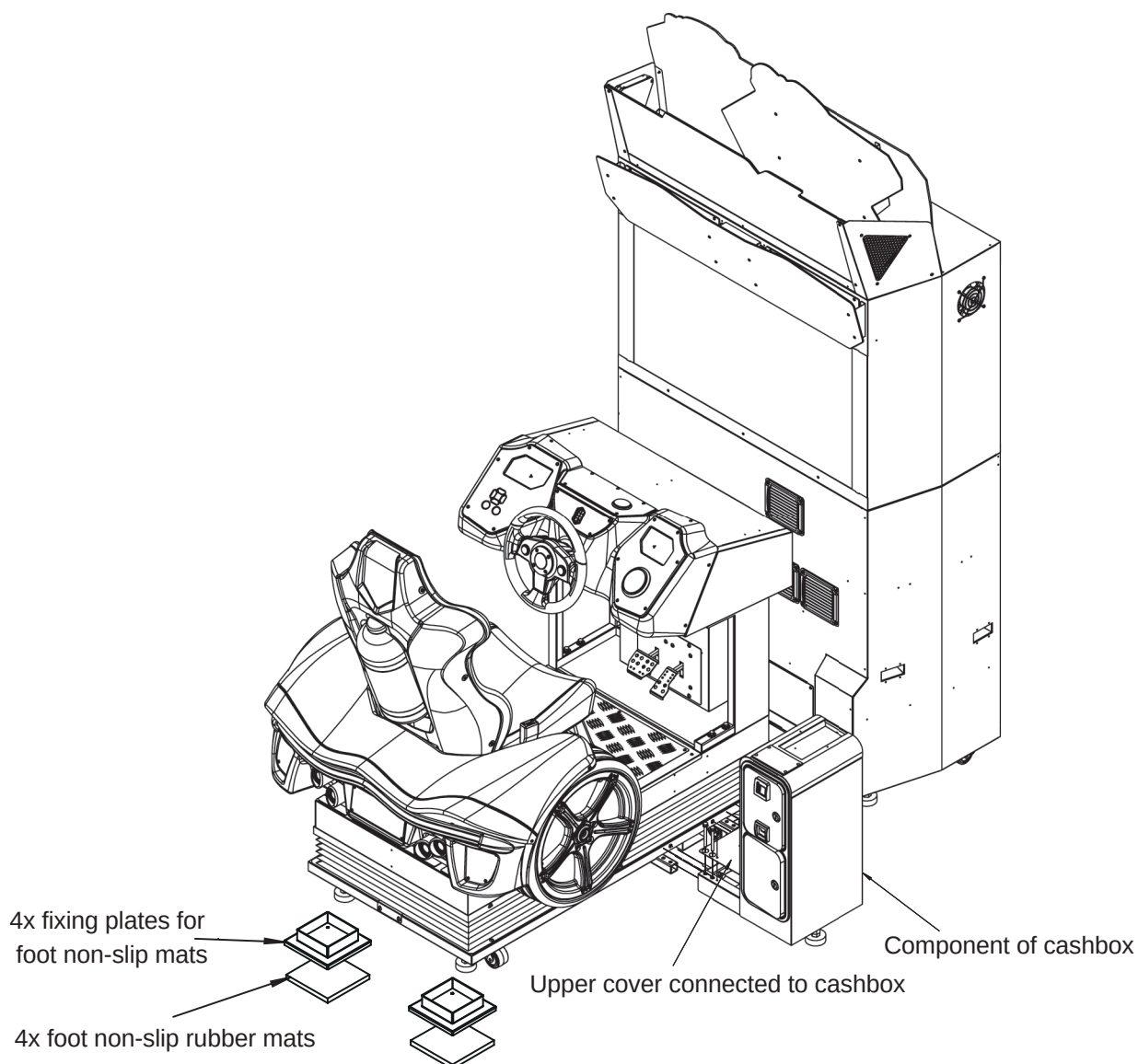
2. Open the maintenance door at back of screen frame assembly, lift the top light box assembly onto the screen frame assembly, use 8 hexagonal three-combination 6\*16\*12\*1.2 screws (black plated) to lock the top light box assembly, use eight hexagonal socket large flat head screws M4 \* 8 (chrome plated) to fix the camera decoration plate to screen frame assembly, and connect wires for top light box assembly and screen frame assembly.



3. Remove packaging of vehicle body platform, remove 2 hexagonal three-combination screws on the fixing plate for connection (retaining screws), put down the fixing plate for connection, and then remove four cross large flat head screws for connecting the cover plate (retaining screws), use the retained 2 hexagonal three-combination screws to fix the vehicle body platform assembly, and connect wire; use the retained four cross large flat head screws to fix the cover plate for connection.



4. Remove four cross large flat head screws for connecting upper cover of cashbox (retaining screw), use six hexagonal screws M8\*80 (black plated), spring washers M8 (black plated), flat gaskets  $\phi 8 \times \phi 16 \times 2.0$  (black plated) to fix the cashbox assembly onto machine; use the retained four cross large flat head screws to connect and fix the upper cover of cashbox, connect wires, lock all the maintenance doors, and finally mount four fixing plates for foot non-slip mats and foot non-slip rubber mats under the foot to prevent displacement of the machine caused by shaking.



**Special attention:** When special case occurs in shipment, please check “Installation guide” in attachment box of shipment, and make assembly according to installation guide; special supplement will not be made in this instruction.

## 2.7 Warranty

---

### ■ Scope

- Inquiry regarding product can be assisted for free.
- The warranty scope for consumables and durables may differ from product to product. Please contact our after-sales service center for detailed information. The right of final interpretation is reserved.

### ■ Exclusive

- Damage caused by force majeure such as god will.
- Failure caused by carelessness, such as water contact, falling down, toppling, knocking.
- Failure caused by disobeying the instructions in this manual.
- Failure caused by operating the machine on inappropriate site.
- Change the original design and configuration for the game without notice.
- Failure to perform regular service and clean.
- Failure to fix the product in line with the manual's requirement.
- Malfunction or part damage caused by electromagnetic interference other electronic equipments generated.

### ■ Non-warranty Consumables

- Light tube and bulb
- Button lamp and switch
- Fragile items
- Solenoid
- Other spare parts

# 3. Game Description

## 3.1 Appearance Design

---

1. Red is the main color for appearance and color of product, the red represents the speed and passion; for appearance design of machine, being main body, console or seats, streamline red is the main style, which not only lets the whole product looking gorgeous and full of movement on the vision, but also takes players in the racing game full of passion and experience truly;
2. The machine name is equipped with light, bright and conspicuous; on the top, the image of two racing cars galloping in the racing field is used as the background plate; with sparks and tilting car body, the fierce competition in the racing field is demonstrated, such visual shock will let the player have the eager to try and the impulse to conquer the field;
3. For the thickness and texture of the steering wheel, the linear shape of seat for the back, waist and hip, and the changes in movement, all of them are designed with reference to the real racing car, which is very consistent with the ergonomics and kinematics, so as to replicate the real racing environment for players as completely as possible. In addition, the latest vivid platform device is equipped with vibrating speakers, fans and steering wheel force feedback system; it can simulate collision, bumping, steering, acceleration and other driving behaviors, and thus bring real racing experience for players.
4. In terms of lighting, whether the lights on both sides of top of light box, the console or the light bar of the seat, all of them will be changed accordingly depending on the actual operation of the player (accelerating or braking) in the game. The lights are eye-catching and gorgeous with dynamic music, which can catch the eye of the onlookers well.

## 3.2 Game introduction

---

This game is a racing entertainment machine authorized by the famous mobile game "<Asphalt 9: Legends>". It adopts vivid platform devices and is equipped with vibrating speakers, fans, and steering wheel force feedback system to simulate driving behaviors such as collision, bumping, steering and acceleration, bringing real racing experience for players.

Famous luxury cars authorized, realistic and delicate cars and scenes, and special effects for wild racing, it breaks through the player's imagination for racing games; multiple modes to get the car drawings and upgrade the car, making the racing more exciting with better results.

## 3.3 How to play

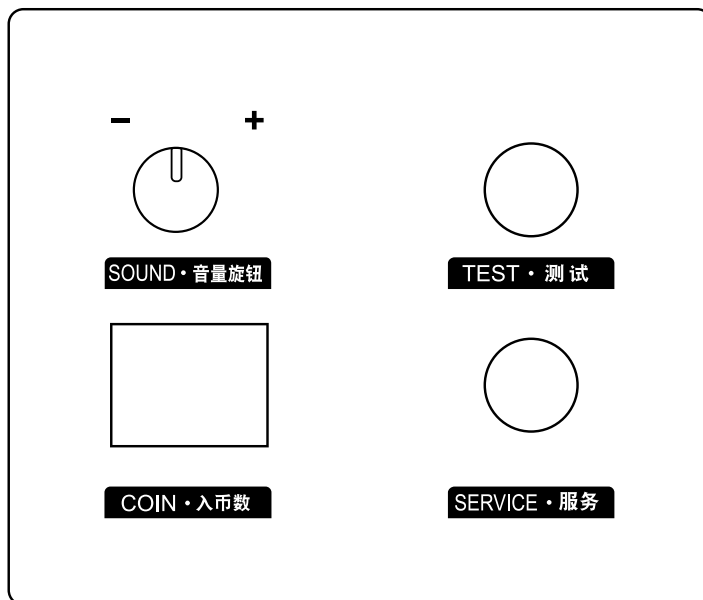
---

1. The traditional steering wheel + foot operation mode, characteristic turbo acceleration, and 360-degree rotation button.
2. Fasten the seat belt first, and then insert the token; via rotating the steering wheel, you can select the game mode, car and track, and then press the start button (or step on the accelerator pedal), the game is about to start. After the game starts, step on the accelerator to play the game. During the game, use the relevant buttons to add different game effects (360-degree rotation button, acceleration). Left of screen  
The left side of the screen shows the player's remaining distance; the upper part of the game screen shows the countdown time of game, player ranking/number of players, and other information.
3. You will experience strong movement in the game, ensure that the seat belt is fastened, and press the emergency stop button in case of emergency.

# 4. Test and Setting

## 4.1 Game Description

---



Sound volume knob: Adjust the volume.

TEST: Enter test mode and select

Coins: Coin counter

Service: Enter service points to use as coins without increasing the coin counter.

## 4.2 Installation

### 4.2.1 Connection Setting

You can enter **【Connection Setting】** to set up the group number and ID of the cabinet. Enter **【Main Menu】** → **【2 System Setting】** → **【2-2 Connection Setting】**, and appoint all cabinets in connection into the same group, but provide each cabinet a different ID.



Note: The connection ID of cabinets suggested from left to right in sequence: 1P, 2P, 3P, 4P.

### 4.2.2 I/O Adjustment

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



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

1. Release the throttle and press Nitro button.
2. Step on the throttle and press Nitro button.
3. Release the brake and press Nitro button.
4. Step on the brake and press Nitro button.
5. Adjust steering wheel to middle and press Nitro button.
6. Turn the steering wheel to the left and press Nitro button.
7. Turn the steering wheel to the right and press Nitro button.

### 4.2.3 Setting Other Related Items

---

Setting other related items (recommended):

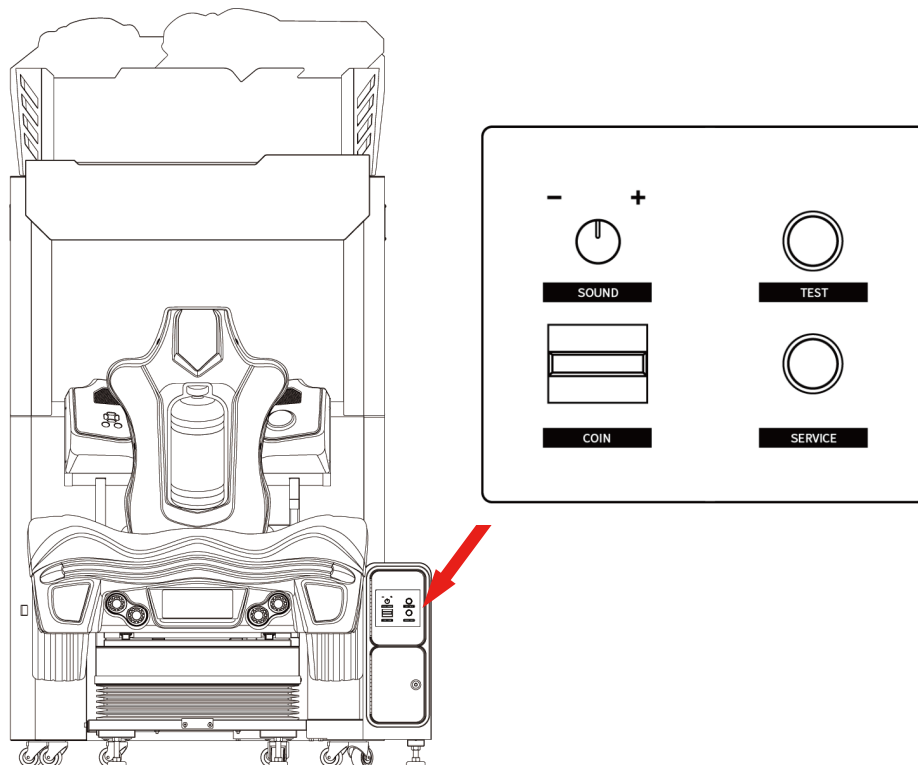
- Enter **【Main Menu】** → **【2 System Setting】** → **【2-1 Time Setting】** , and set the cabinets to be connected to be the same time.
- Enter **【Main Menu】** → **【2 System Setting】** → **【2-3 Country Setting】** and **【2-4 Store Setting】** to set up the location and name of the store.
- Enter **【Main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

### 4.2.4 Important Notes for Staff

---

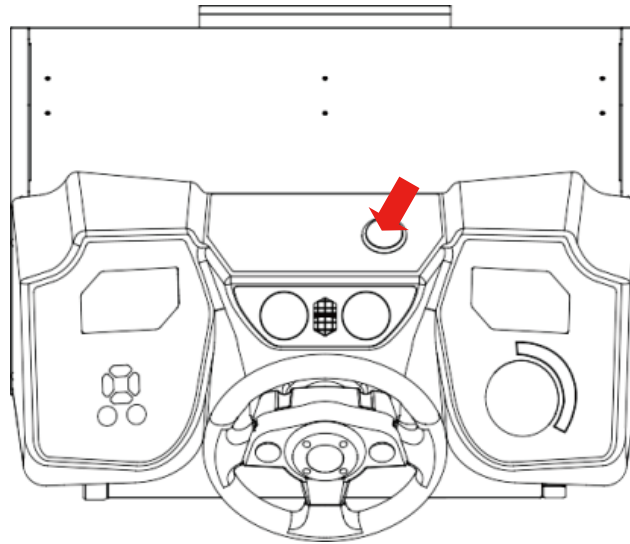
When the screen's upper-right corner shows the message **【Platform error!】** or **【Adjustment error!】** in red letters, please follow the steps below to restart the motion platform calibration:

- Open the cabinet's coin insertion compartment
- press the **【Test】** button to enter **【Main Menu】**
- Enter **【Main Menu】** → **【2 System Setting】** → **【2-7 Air Spring Adjustment】** to perform motion platform adjustment (please refer to **【3-4-5 Air Spring Adjustment】** for more details).
- If the error still cannot be resolved by performing the steps listed above, please contact us for repairs.





When the screen's lower-left corner shows the icon and the message **【Motion platform OFF.】** , please press the **【Emergency Stop】** button again to cancel the Emergency Stop function.



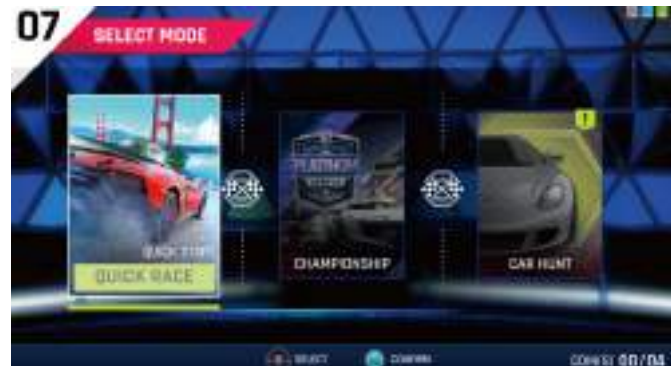
When the screen's upper- right corner shows the message **【I/O 1-1 error】** or **【I/O 1-2 error】** 、 **【I/O 2 error】** in red letters, please restart the machine. If the error still persists after restarting the machine, please check cable connections or contact us for repairs.

If a player suddenly feels ill during gameplay and needs to stop the game, press and hold the **【Switch】** , **【Nitro】** button、 Step on the Brake to terminate the game early.

## 4.3 How to Play

Except the basic operations such as speeding and steeping on the brake, other operations are as follows:

1. Turning the steering wheel left / right to select options.。



2. Turning the steering wheel to the left or right could make turns.



3. Press the Nitro Button to use Nitro in the game.



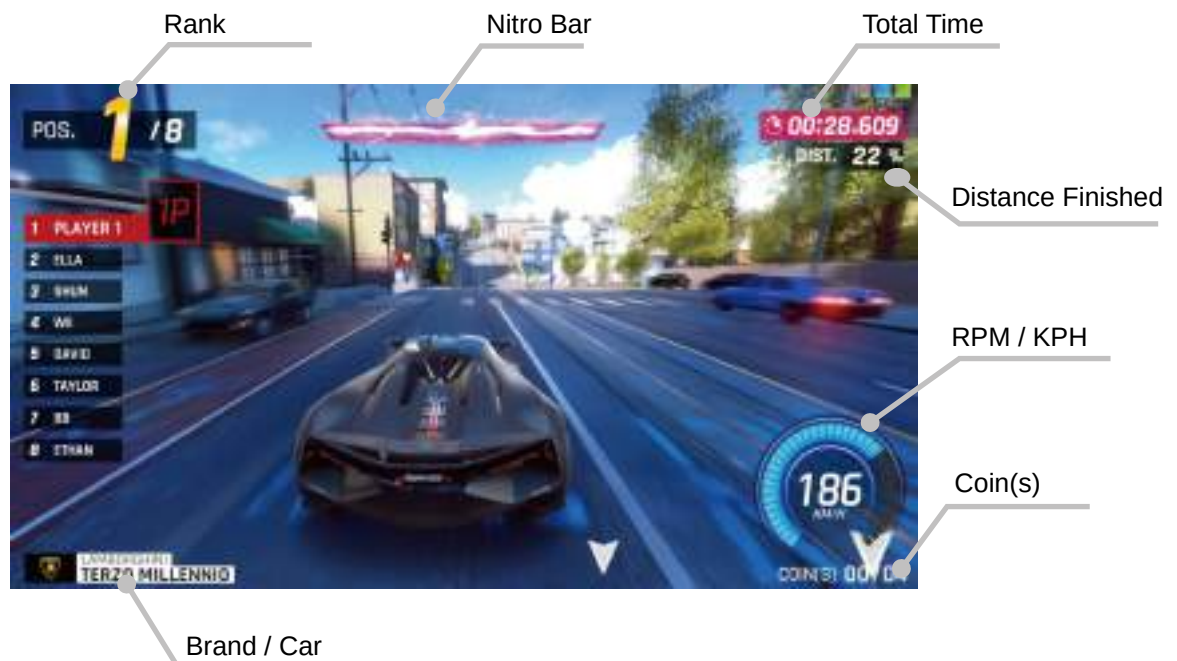
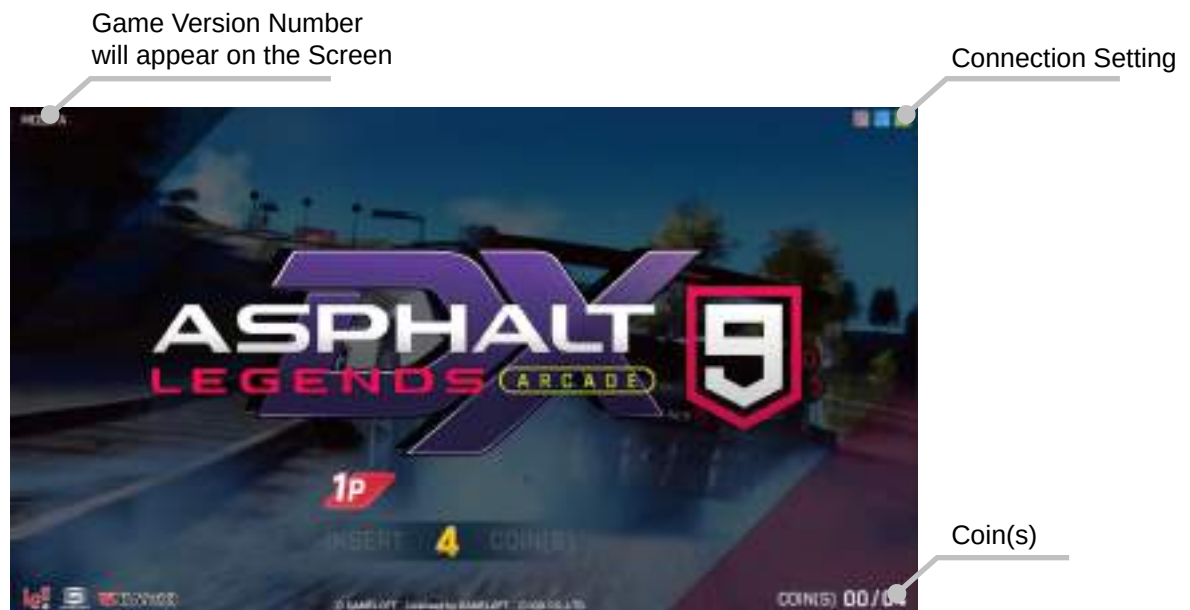
4. Press the Wheel Button to perform 360 Stunts in the game.



+

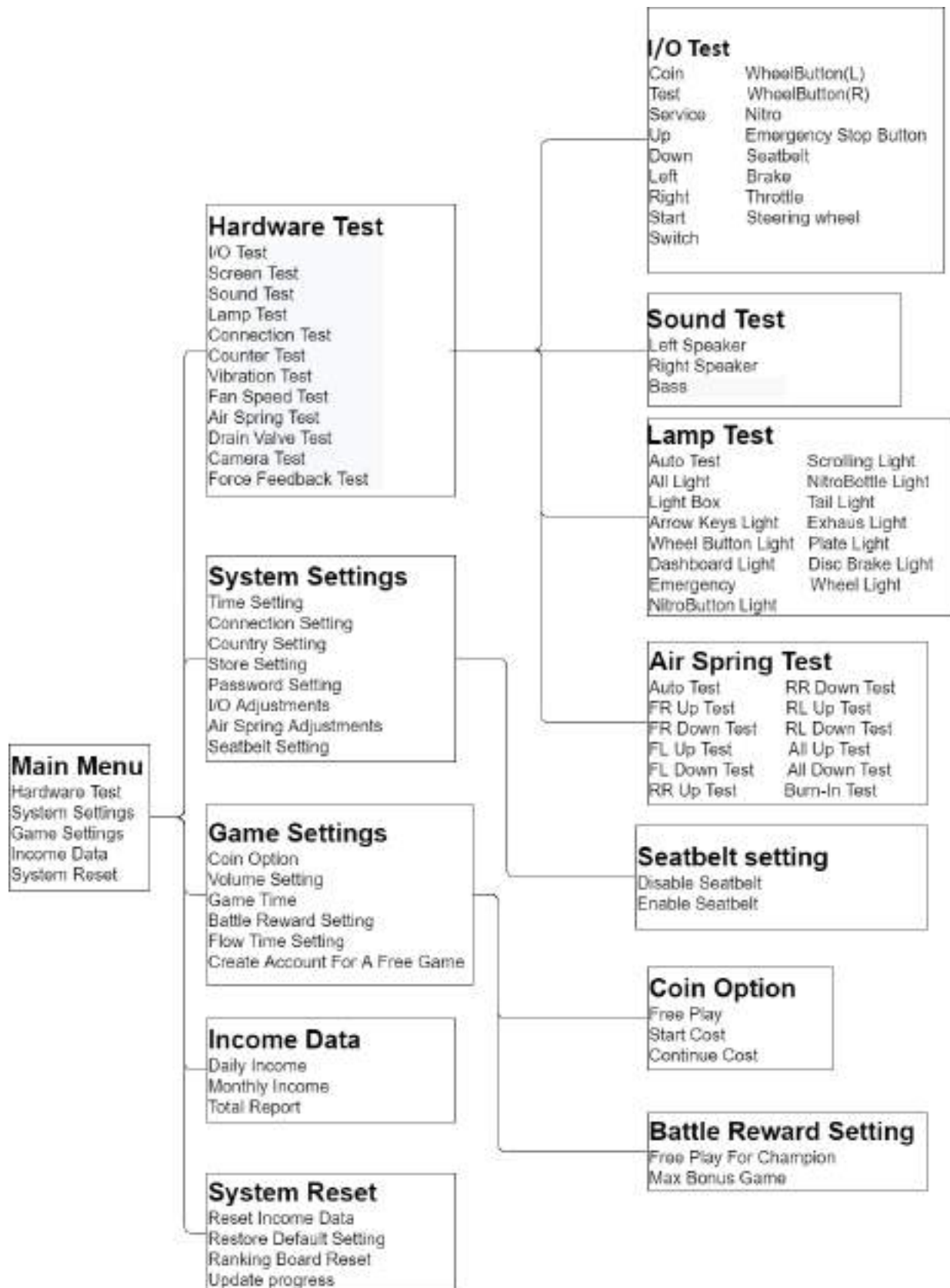


## 4.4 Instruction Of The Game Display



## 4.5 Using the Operator Settings

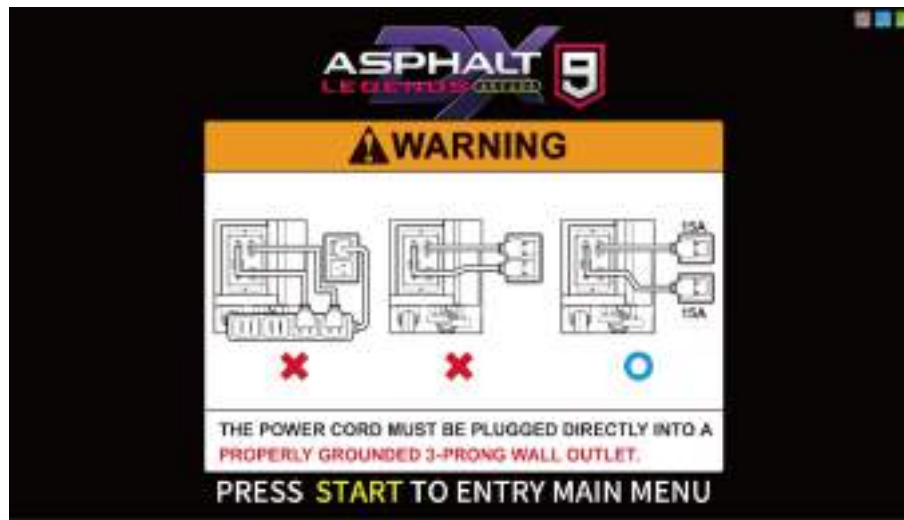
### 4.5.1 Menu Structure





## 4.5.2 Main Menu Operation

Open the cabinet's coin insertion compartment, press the **【Test】** button to enter **【WARNING】**



Press the **【Start】** button to enter **【Main Menu】**



In the menu, follow the steps below to navigate:

- Use the **【Up】** and the **【Down】** to select the options, the option currently selected 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, use **【Up】** or **【Down】** to select **【Exit】** , then press the **【Start】** button to return to the game screen.

Note: When warning message appear as **【Caution !! Process <I/O Adjustment> <Country Setting> <Store Setting>】** Please process the following setting before exit operator settings.

### 4.5.3 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】** button and **【Down】** button to move the cursor and press the **【Start】** button to enter the sub menu.

After testing is conducted, 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.

### 4.5.3.1 I/O Test

In 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                  | Insert coins                                  | When you insert a coin, the amount of coins inserted will increase by 1. Value range between 00 and 99.                              |
| Test                  | Press the button                              | "White" became "Red"                                                                                                                 |
| Service               | Press the button                              | "White" became "Red"                                                                                                                 |
| Up                    | Press the button                              | "White" became "Red"                                                                                                                 |
| Down                  | Press the button                              | "White" became "Red"                                                                                                                 |
| Left                  | Press the button                              | "White" became "Red"                                                                                                                 |
| Right                 | Press the button                              | "White" became "Red"                                                                                                                 |
| Start                 | Press the button                              | "White" became "Red"                                                                                                                 |
| Switch                | Press the button                              | "White" became "Red"                                                                                                                 |
| WheelButton(L)        | Press the button                              | "White" became "Red"                                                                                                                 |
| WheelButton(R)        | Press the button                              | "White" became "Red"                                                                                                                 |
| Nitro                 | Press the button                              | "White" became "Red"                                                                                                                 |
| Emergency Stop Button | Press the button                              | "White" became "Red"                                                                                                                 |
| Seatbelt              | Fasten seat belt                              | "White" became "Red"                                                                                                                 |
| Brake                 | Step on the brake                             | When the brake is release the corresponding status and value will be 0, and when being stepped on it, the value will be around 1     |
| Throttle              | Step on the throttle                          | When the throttle is release the corresponding status and value will be 0, and when being stepped on it, the value will be around 1. |
| Steering Wheel        | Turn the steering wheel to the right and left | When the steering wheel is turning to the left or the right.<br>The corresponding status and value will be around -1 or 1.           |



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

Note: If the values of the throttle, brake and steering wheel are abnormal, enter **【2-6 I/O Adjustment】** to make adjustments.

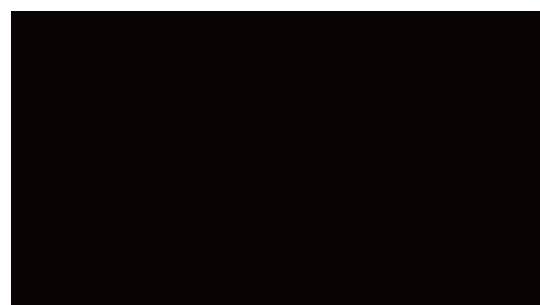
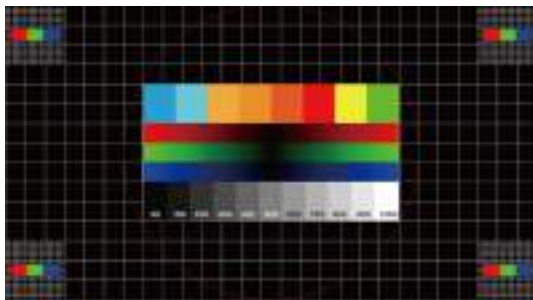
### 4.5.3.2 Screen Test

---

In 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】** , and the screen will display as below:

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.



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】** .

### 4.5.3.3 Sound Test

---

In 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 choose 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 discontinue the testing process.

After the test is completed, move the cursor to **【1-3-4 Exit】** , and press the **【Start】** button to return to **【Hardware Test】** .

### 4.5.3.4 Lamp Test

In 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 move the cursor, then press the **【Start】** button to run testing.



While testing, press the **【Start】** button one more time to discontinue the testing process.

move the cursor to **【1-4-2 Exit】** , and press the **【Start】** button to return to **【Hardware Test】** .

### 4.5.3.5 Connection Test

In the page of **【Connection Test】** , you can test whether each cabinet of the same group is functioning 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. Possible connection status includes: **【Connected】** , **【Connection Failed】** .



Move the cursor to **【1-5-2 Network Information】** , and press the **【Start】** button to enter the sub menu.



In the page of **【Network Information】** , press the **【Start】** button to return to **【Connection Test】** .

### 4.5.3.6 Counter Test

---

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

Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-6 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. Also, the counter inside the coin counter will indicate the number too.

After the test is completed, move the cursor to **【1-6-1 Exit】** and press **【Start】** button to return to **【Hardware Test】** .

### 4.5.3.7 Vibration Test

---

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

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



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

While testing, press the **【Start】** button one more time to discontinue the testing process.

move the cursor to **【1-7-2 Exit】** , and press the **【Start】** button to return to **【Hardware Test】** .

### 4.5.3.8 Fan Speed Test

---

In 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 move the cursor, then press the **【Start】** button to run testing.

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 **【Hardware Test】** .



### 4.5.3.9 Air Spring Test

---

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

Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-9 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 cursor you have selected.

While testing, press the **【Start】** button will stop the test.

When the **【Emergency stop】** has been activate, the warning message will be appear as **【Motion Off】** .

Move the cursor to **【1-9-12 Exit】** , and press the **【Start】** button to return to **【Hardware Test】** .

### 4.5.3.10 Drain Valve Test

---

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

Enter **【Main Menu】** → **【1 Hardware Test】** → **【1-10 Drain Valve Test】** , and the screen will display as below:



Move the cursor to **【Drain Valve Test】** , then press the **【Start】** button to start testing.

The Drain Valve Test will automatically stop after 5 seconds. In addition, you can press the **【Start】** button one more time to discontinue the testing process.

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

### 4.5.3.11 Camera Test

---

In the page of **【Camera test】** , you can test whether the drain valve is functioning normally or not.

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



In the page of **【Camera Test】** , An image will appear in the rectangular space. Press the **【Start】** button to return to **【Hardware Test】** .

### 4.5.3.12 Force Feedback Test

In the page of **【Force Feedback Test】** , you can test whether the force feedback is normally functioning 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 **【Down】** button move the cursor, then press the **【Start】** button to run testing.



While testing, warning message 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 **【Hardware Test】** .

## 4.6 System Setting

In 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 **【Down】** button to move the cursor and press the **【Start】** button to the sub menu.

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 **【System Setting】** ,  
refer to the following content.

## 4.6.1 Time Settings

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

Note: **【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.

Move the cursor to **【2-1-4 Exit】** and press the **【Start】** button to enable Time Setting changes. When **【Yes】** is selected, the machine will automatically restart. When **【No】** is selected, the screen will automatically direct to the page of **【System Setting】** .



Move the cursor to **【2-1-3 Timezone】** and press the **【Start】** button to enter **【Country Setting】** page.



Use the **【Up】** , **【Down】** , **【Left】** , **【Right】** button to move the cursor and press the **【Start】** button to select Country.

If the country chosen has multiple time zone, or **【Other】** is selected, screen will automatically direct to the page of **【Timezone Setting】**



## 4.6.2 Connection Setting

In the page of **【Connection Setting】**, you can set the group and the ID of the cabinet. Note: 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:



Use the **【Up】** button and **【Down】** button move the cursor and press the **【Start】** button to the sub menu.

Choose the **【2-2-1 Group Number】**, then press the **【Start】** button to setting the group number of the cabinet.

Choose the **【2-2-2 ID】**, then press the **【Start】** button to setting the ID of the cabinet. When completed, move the cursor to **【2-2-3 Exit】**, then press the **【Start】** button to return to the page of **【System Setting】**.

## 4.6.3 Country Setting

In 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 move the cursor and press the **【Start】** button to setting Country.

After your preferred setting is chosen, press the **【Start】** button, and return to **【System Setting】** .



## 4.6.4 Store Setting

---

In the page of **【Store Setting】** , you can set your Store.

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



Use the **【Up】** , **【Down】** , **【Left】** , **【Right】** button 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】** .

## 4.6.5 Password Setting

In 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.  
Use the **【Up】** button and **【Down】** button move the cursor and press the **【Start】** button to enter the selected numbers.  
After the origin password has been entered, you can continue to enter and confirm the new password.  
Once the new password has been entered and confirmed, will appear in green below.

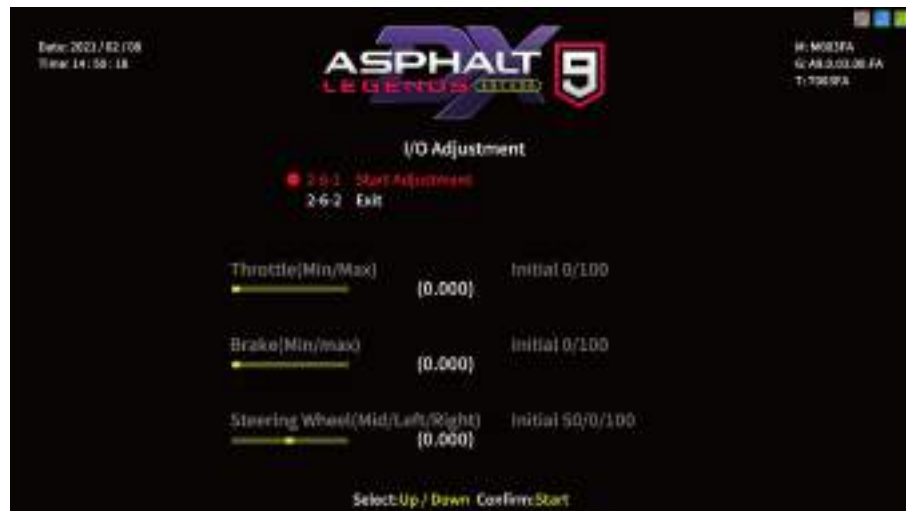


Move the cursor to **【2-5-4 Exit】** and press the **【Start】** button to return to **【System Setting】**

## 4.6.6 I/O Adjustment

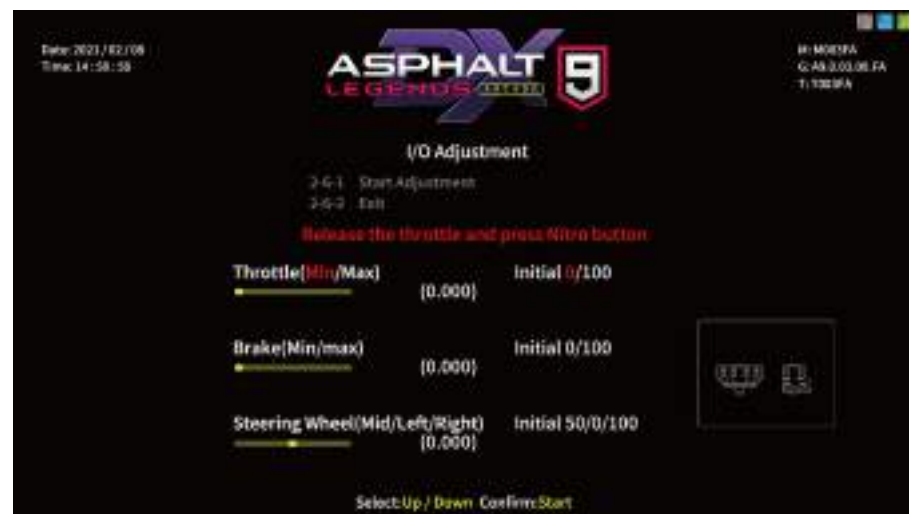
In the page of **I/O Adjustment**, you can adjust the minimum and maximum value of the throttle, brake and steering wheel.

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.



Repeat the above step, and calibrate other values.

After all adjustments are made, an icon of **Adjustment completed** will pop up, then press the **Start** button to return to **System Setting**

## 4.6.7 Air Spring Adjustment

In the page of **【Air Spring Adjustment】**, you can adjust the minimum and maximum value of the air spring when the motion platform not in function right or malfunction. 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 adjustment



After the adjustment is completed, move the cursor to the **【2-7-2.Exit】** and then press the **【Start】** button to return to **【System Setting】**.

## 4.6.8 Seatbelt Setting

---

In the page of **【Seatbelt Setting】** , you can set the seatbelt on or off.

Note: When the setting is on, player must fasten seat belt to activates the motion platform during the game.

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



After your preferred setting is chosen, press the **【Start】** button, and return to **【System Setting】** .

Move the cursor to **【2-8-3 Exit】** and press the **【Start】** button to return to **【System Setting】** .

## 4.7 Game Setting

---

In 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 move the cursor and press the **【Start】** button to the sub menu.

After setup is completed, move the cursor to **【3-7 Exit】** , and press the **【Start】** button to return to **【Main Menu】** .

Regarding the detailed description of the sub menu in the **【Game Setting】** refer to the following content.

## 4.7.1 Coin Option

---

In 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:



Move the cursor to choose the **【3-1-1 Free Play】** , then press the **【Start】** button to start the process.

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

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

◦

## 4.7.2 Volume Setting

In the page of **【Volume Setting】** , you can determine the start time of daytime and evenings and the corresponding volume.

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



Move the cursor to choose 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 choose the item, then press the **【Start】** button to start the process.

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】** .

In the page of **【Volume Setting】** , Move the cursor to **【3-2-3 Exit】** , and press the **【Start】** button to return to **【Game Setting】** .



### 4.7.3 Game Time

---

In the page of **【Game Time】** , you can determine the game time of Quick Race Mode and Multiplayer Mode.

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



Move the cursor to **【3-3-4 Exit】** and press the **【Start】** button to return to **【Game Setting】** .

## 4.7.4 Battle Reward Setting

In the page of **【Battle Reward Setting】** , you can turn the setting for Continuous Battle for Championship to On/Off. The setting steps are as follows:

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



Move the cursor to choose the **【3-4 Battle Reward Setting】** , then press the **【Start】** button to start the process.

Note: **【3-4-1 Battle Reward Setting】** is set to be **【ON】** , the **【3-4-2 Max Bonus Game】** can be setting.

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

## 4.7.5 Flow Time Setting

In 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 choose the item, then press the **【Start】** button to start the process.

When the setting process is completed, move the cursor to **【3-5-12 Exit】** , and press the **【Start】** button to return to **【Game Setting】** .

## 4.7.6 Create Account For A Free Game

---

In the page of **【Create Account For A Free Game】** , You can determine if players can play the game for free once by creating an Facebook Account.

Enter **【Main Menu】** → **【3 Game Setting】** → **【3-6 Create Account For A Free Game】** , and the screen will display as below:



When **【Create Account For A Free Game】** is set to be **【ON】** , The chance to play the game for free can only be used on the game after the player created an account ,and will not be kept if not used.

When the setting process is completed, move the cursor to **【3-6-3 Exit】** , and press the **【Start】** button to return to **【Game Setting】** .

## 4.8 Income Data

---

In the page of **【Income Data】** , you can check the daily, monthly and total revenue.  
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 **【Income Data】** , refer to the following content.

## 4.8.1 Daily Income

In 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 | New Game | Continue | Versus Bonus | Freyeplay | Versus | Service | Current Coin(s) | Current Service | Operation Time | Game Time | Avg. Game Time |
|------------|---------|------------|----------|----------|--------------|-----------|--------|---------|-----------------|-----------------|----------------|-----------|----------------|
| 2023/02/08 | 1       | 0          | 0        | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 00:06:47       | 00:00:00  | 00:00:00       |
| 2023/02/05 | 139     | 2          | 2        | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 00:18:58       | 00:02:36  | 00:01:32       |
| 2023/02/04 | 0       | 0          | 0        | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 00:02:53       | 00:00:00  | 00:00:00       |
| 2023/01/29 | 0       | 0          | 0        | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 01:15:58       | 00:00:00  | 00:00:00       |
| 2023/01/28 | 8       | 2          | 2        | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 01:29:35       | 00:41:54  | 00:20:37       |
| 2023/01/25 | 0       | 0          | 0        | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 00:00:49       | 00:00:00  | 00:00:00       |
| 2023/01/23 | 21      | 5          | 4        | 1        | 0            | 0         | 0      | 0       | 20              | 0               | 00:16:44       | 00:11:59  | 00:02:23       |
| 2023/01/22 | 42      | 1          | 2        | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 02:09:43       | 00:09:44  | 00:04:52       |
| 2023/01/21 | 0       | 0          | 0        | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 00:06:58       | 00:00:00  | 00:00:00       |
| 2023/01/20 | 0       | 0          | 0        | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 00:40:53       | 00:00:00  | 00:00:00       |
| 2023/01/19 | 84      | 31         | 18       | 1        | 0            | 0         | 0      | 0       | 44              | 0               | 05:00:23       | 00:39:49  | 00:03:37       |
| Average    | 38      | 1          | 38       | 0        | 0            | 0         | 0      | 0       | 0               | 0               | 01:36:45       | 00:09:32  | 00:04:46       |

Select:Up / Down Exit:Start

Descriptions of each items:

| Item            | Descriptions                                                               |
|-----------------|----------------------------------------------------------------------------|
| Date            | Date of record                                                             |
| Coin(s)         | Total number of coins inserted that day                                    |
| Total Game      | Total number of games on 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             |
| Versus Bonus    | Total number of winner bonus games on that day                             |
| Freyeplay       | Total number of freeplays 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  | The total time the machine was on that day                                 |
| Game Time       | Total game time of that day                                                |
| Avg.Game Time   | Average game time of that day Calculation formula:<br>Game Time/Total Game |

Use the **【Up】** button and **【Down】** button to move the page, and press the **【Start】** button to return to **【Income Data】** .

## 4.8.2 Monthly Income

In 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 | New Game | Continue | Versus Bonus | Freeplay | Versus | Service | Current Coin(s) | Current Service | Operation Time | Game Time | Avg. Game Time |
|---------|---------|------------|----------|----------|--------------|----------|--------|---------|-----------------|-----------------|----------------|-----------|----------------|
| 2021/03 | 142     | 1          | 2        | 0        | 8            | 0        | 0      | 0       | 8               | 8               | 00:37:50       | 00:02:34  | 00:01:32       |
| 2021/03 | 164     | 30         | 18       | 1        | 8            | 0        | 0      | 0       | 80              | 8               | 17:16:11       | 02:42:47  | 00:05:38       |
| Average | 109     | 31         | 20       | 1        | 8            | 0        | 0      | 0       | 84              | 8               | 00:52:03       | 00:52:26  | 00:04:46       |

Select: Up / Down Exit: Start

Descriptions of each items:

| Item            | Descriptions                                                              |
|-----------------|---------------------------------------------------------------------------|
| Date            | Date of record                                                            |
| Coin(s)         | Total number of coins inserted that month                                 |
| Total Game      | Total number of games on 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          |
| Versus Bonus    | Total number of winner bonus games on that month                          |
| Freeplay        | Total number of freeplays on that month                                   |
| Versus          | Total number of versus games on 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  | The total time the machine was on that month                              |
| Game Time       | Total game time of 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, and press the **【Start】** button to return to **【Income Data】** .

### 4.8.3 Total Report

In the page of **【Total Report】** , you can check the total revenue of each cabinet.  
Enter **【Main Menu】** → **【4 Income Data】** → **【4-3 Total Report】** ,and the screen will display as below:



Descriptions of each items:

| Item               | Descriptions                                                                                                                                        |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Coin(s)            | Total number of coins deducted overall                                                                                                              |
| Total Game         | Total number of games overall                                                                                                                       |
| 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                                                                                      |
| Versus Bonus       | Total number of winner bonus games overall                                                                                                          |
| Freeplay           | Total number of freeplays overall                                                                                                                   |
| Versus             | Total number of versus games overall                                                                                                                |
| Service            | Total number of Service overall                                                                                                                     |
| Current Coin(s)    | Actual number of coins deducted overall                                                                                                             |
| Current Service    | Number of service buttons used in total                                                                                                             |
| Operation Time     | The total time the machine was on overall                                                                                                           |
| Game Time          | Total game time overall                                                                                                                             |
| Percentage Of Idle | Percentage of time the machine was sitting idle after it was switched on Calculation formula:<br>(Operation time - Game Time)/ Operation time x100% |

Press the **【Start】** button to return to **【Income Data】** .



## 4.9 System Reset

---

In the page of **【System Reset】**, you can delete the income data or set the system to the 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 **【System Reset】**, refer to the following content.

## 4.9.1 Reset Income Data

In 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 choose **【5-1-1 Enter Password】** , and press the **【Start】** button to start entering the set password. Or you can select **【5-1-2 Exit】** to exit the page and return to the **【5 System Reset】** .

To change, Use the **【Up】** button and **【Down】** button .Then press the **【Start】** button to enter the selected numbers.

After the password has been entered, the following screen will be displayed:



Move the cursor to **【Yes, restore default setting.】** , and press the **【Start】** button to Reset Income Data. If Clear was successful the words **【Reset Complete】** will appear in red.

Note: This function cannot delete the data of **【Total Income】** .

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

## 4.9.2 Restore Default Setting

In the page of **【Restore Default Setting】** , you can 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 choose **【5-2-1 Enter Password】** , and press the **【Start】** button to start entering the set password. Or you can select **【5-2-2 Exit】** to exit the page and return to the **【5 System Reset】** .

To change, Use the **【Up】** button and **【Down】** button .Then press the **【Start】** button to enter the selected numbers.

After the password has been entered, the following screen will be displayed:



Move the cursor to **【Yes, restore default setting.】** , and press the **【Start】** button to Reset Default Data. If Clear was successful the words **【Reset Complete】** will appear in green.

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

Game Setting: Coin Option, Volume Setting, Game Time, Battle Reward Setting, Flow Time Setting, Create Account For A Free Game.

Note: please refer to section 4.10 setting defaults for more details.

## 4.9.3 Ranking Board Reset

In 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. Or you can select **【5-3-2 Exit】** to exit the page and return to the **【5 System Reset】** .

To change, Use the **【Up】** button and **【Down】** button .Then press the **【Start】** button to enter the selected numbers.

After the password has been entered, the following screen will be displayed:



Move the cursor to **【Yes】** , and press the **【Start】** button to Reset Income Data. If Clear was successful the words **【Reset Complete】** will appear in green.

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

Note: Only Local Ranking Board Will be reset.

## 4.9.4 Update Progress

---

In the page of **【Update Progress】** , you can check it there is an update for the latest version. The set-up steps are as follows.

Enter **【Main Menu】** → **【5 System Reset】** → **【5-4 Update Progress】** ,and the screen will display as below:



Enter the page to check if you have the latest version, press the Start key to confirm and return to the previous menu.

## 4.10 Game Setting Defaults

| Name of the Setting                                         | Default Setting | Available Setting            |
|-------------------------------------------------------------|-----------------|------------------------------|
| Coin Option→Free Play                                       | OFF             | OFF, ON                      |
| Coin Option→Start Cost                                      | 6               | 1,2,3...20                   |
| Coin Option→Continue Cost                                   | 6               | 1,2,3...20                   |
| Volume Setting→Daytime Volume Setting→Daytime Begin         | 8:00            | 00:00~23:00(set by the hour) |
| Volume Setting→Evening Volume Setting→Evening Begin         | 18:00           | 00:00~23:00(set by the hour) |
| VolumeSetting→Daytime/Evening Volume Setting→Master Volume  | 100%            | 0%,10%,20%...100%            |
| VolumeSetting→Daytime/Evening Volume Setting→Standby Volume | 100%            | 0%,10%,20%...100%            |
| VolumeSetting→Daytime/Evening Volume Setting→Menu Volume    | 100%            | 0%,10%,20%...100%            |
| VolumeSetting→Daytime/Evening Volume Setting→Music Volume   | 100%            | 0%,10%,20%...100%            |
| VolumeSetting→Daytime/Evening Volume Setting→Scene Volume   | 100%            | 0%,10%,20%...100%            |
| VolumeSetting→Daytime/Evening Volume Setting→Engine Volume  | 100%            | 0%,10%,20%...100%            |
| VolumeSetting→Daytime/Evening Volume Setting→Vehicle Volume | 100%            | 0%,10%,20%...100%            |
| Daytime/Evening Volume Setting→Notification Volume          | 100%            | 0%,10%,20%...100%            |
| Game Time                                                   | Default         | +20 Sec, Default, -20 Sec    |
| Battle Reward Setting→Free Play For Champion                | OFF             | OFF, ON                      |
| Battle Reward Setting→Max Bonus Game                        | 1               | 1,2,3...10, Unlimited        |
| Flow Time Setting→User Profile                              | 30              | 1,2,3...60                   |
| Flow Time Setting→Allow Battle                              | 10              | 1,2,3...30                   |
| Flow Time Setting→Select Motion                             | 10              | 1,2,3...30                   |
| Flow Time Setting→Select Mode                               | 10              | 1,2,3...30                   |
| Flow Time Setting→Select Location                           | 10              | 1,2,3...30                   |
| Flow Time Setting→Select Route                              | 10              | 1,2,3...30                   |
| Flow Time Setting→Select Stage                              | 10              | 1,2,3...30                   |
| Flow Time Setting→Select Car                                | 20              | 1,2,3...30                   |
| Flow Time Setting→Waiting Lobby                             | 10              | 1,2,3...30                   |
| Flow Time Setting→Enter Your Name                           | 30              | 1,2,3...30                   |
| Flow Time Setting→Continue                                  | 10              | 1,2,3...30                   |
| Create Account For A Free Game                              | OFF             | OFF, ON                      |
| Seatbelt Setting                                            | Enable          | Disable , Enable             |
| Password Setting                                            | 0000            | 0000~9999                    |

# 5. Maintenance and Service

## 5.1 Maintenance and service

---

Even though the machine works normally for a long time, the fault will occur. Therefore, please perform routine check and maintenance concerning the following to ensure a long-term use.

### ■ External Inspection

- Stick “Warning” stickers correctly, keep it legible.
- Firmly tighten the bolt for each adjuster.
- Tighten screws for speaker assembly.
- Tighten the signboard firmly.
- Check if the screws fixing the parts loose.
- Check if the connectors loose or missing.

### ■ Operation Inspection (With power on)

- Sound is normally emitted from the speakers or not.
- Fluorescent lamps and LED and button lamps light up or not
- Coin acceptor works properly or not.
- Lifting and falling devices work properly or not.
- YZ sensor works properly or not.

After completing all the checks, operate the game again and check the above items with full care!

### ■ Servicing (conducted by a technician only)

- Cut off the main power supply to avoid injury or electric shock when performing maintenance.
- Please contact our service center when performing any work that is not specified in this Manual, and follow the instruction provided by the service center.
- For consumables and spare parts (including screws), please use products specified by Wahlap Technology.
- Even though the main power is cut off, there is still high temperature and high pressure in the power board and the monitor. The person will be burnt or get an electric shock if he touches such parts. Please pay full attention to avoid contact.
- Be sure to cut off the main power when you alter a spare part or unplug a connector.

## 5.2 Part Replacement

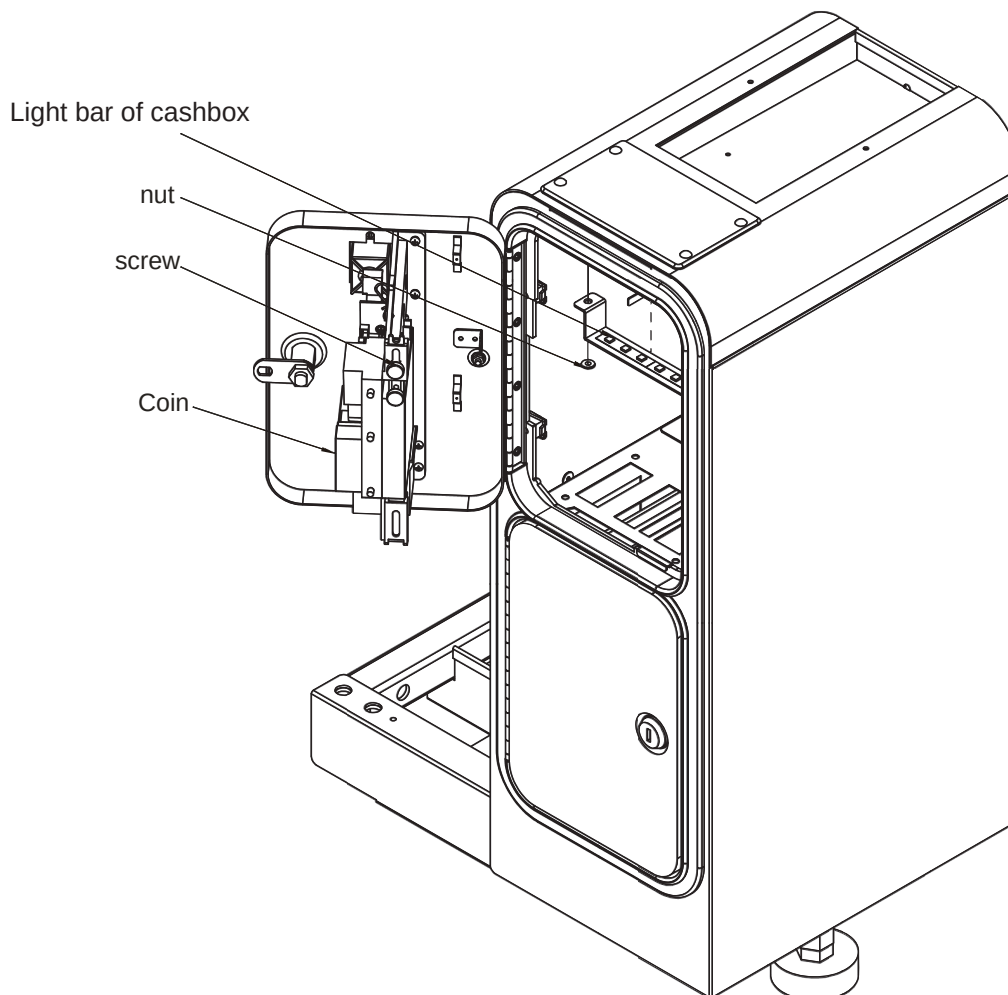
### 5.2.1 Repair and replacement of coin box and the light bar of cashbox

#### **[Replace the coin box]**

1. Open the coin door with the key;
2. Remove the screws fixing the coin device, remove and replace the coins device (pay attention to the connection of wires);
3. Assemble in reverse order.

#### **[Replace the light bar of cashbox]**

1. Open the coin door with the key;
2. Remove the nuts fixing the light bar of cashbox, remove and replace the light bar of cashbox (pay attention to the connection of wiress);
3. Assemble in reverse order.





## 5.2.2 Repair and replacement of light bar for exhaust tube and 5050 soft strip light

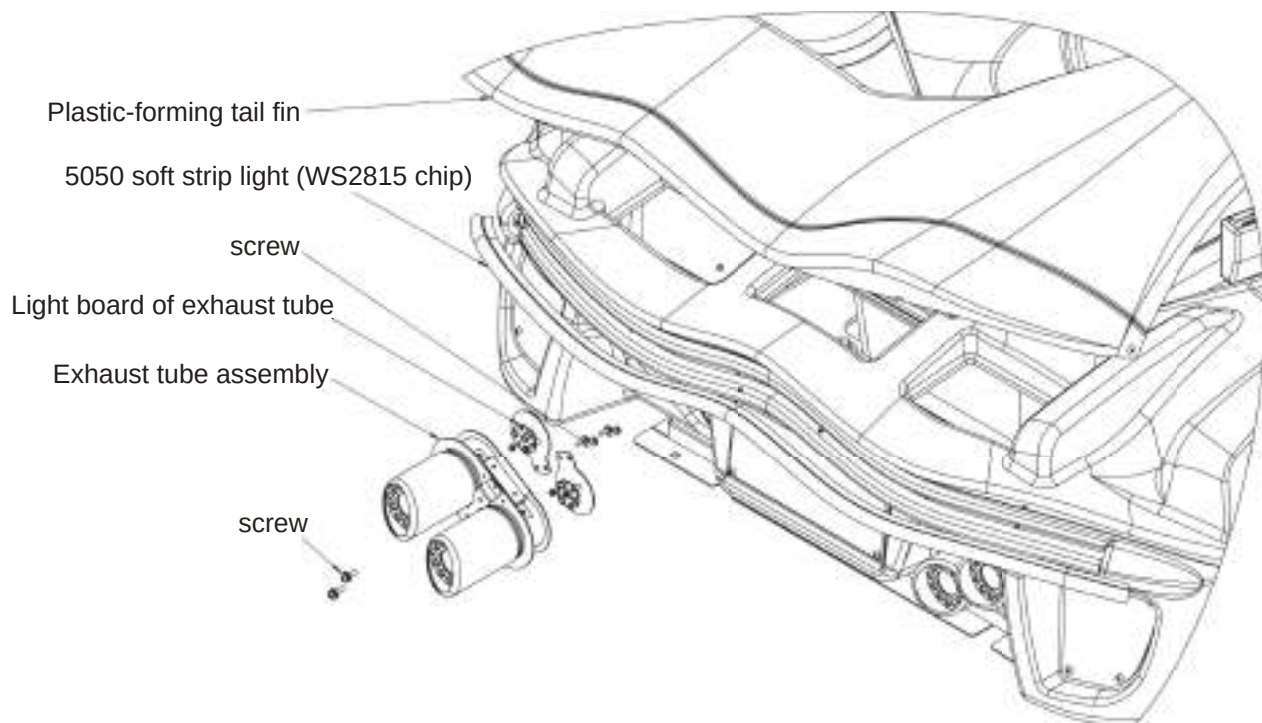
---

### [Replace light board of exhaust tube]

1. Remove the screws fixing the plastic-forming tail fin, and then remove the screws fixing the exhaust pipe assembly (pay attention to the connection of wires);
2. Finally, remove the screws fixing the light board of exhaust tube, remove and replace the light board of exhaust tube;
3. Assemble in reverse order.

### [Replace 5050 soft strip light (WS2815 chip)]

1. Remove the screws fixing the plastic-forming tail fin,
2. Use a screwdriver to pry out the 5050 soft strip light, remove and replace the 5050 soft strip light (pay attention to the connection of wires);
3. Assemble in reverse order.



### 5.2.3 Maintenance and replacement of (film) switch buttons and light board (LED) of button

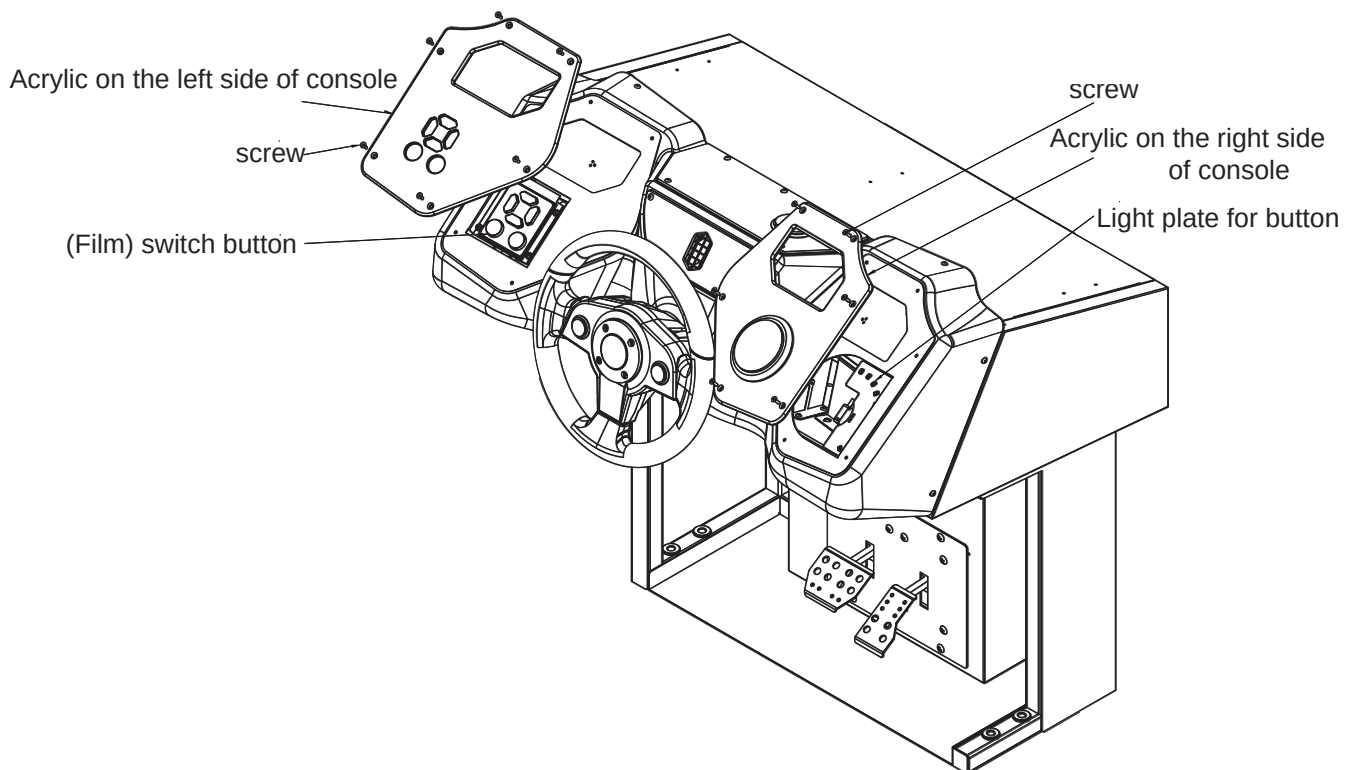
---

#### **[Replace (film) switch button]**

1. Remove the screws fixing acrylic on the left side of console, and then remove the screws fixing (film) switch button;
2. Remove and replace the (film) switch button (pay attention to the connection of wires);
3. Assemble in reverse order.

#### **[Replace light board (LED) of button]**

1. Remove the screws fixing acrylic on the right side of console, and then remove the screws fixing light board (LED) of button;
2. Remove and replace the light board (LED) of button (pay attention to the connection of wires);
3. Assemble in reverse order.



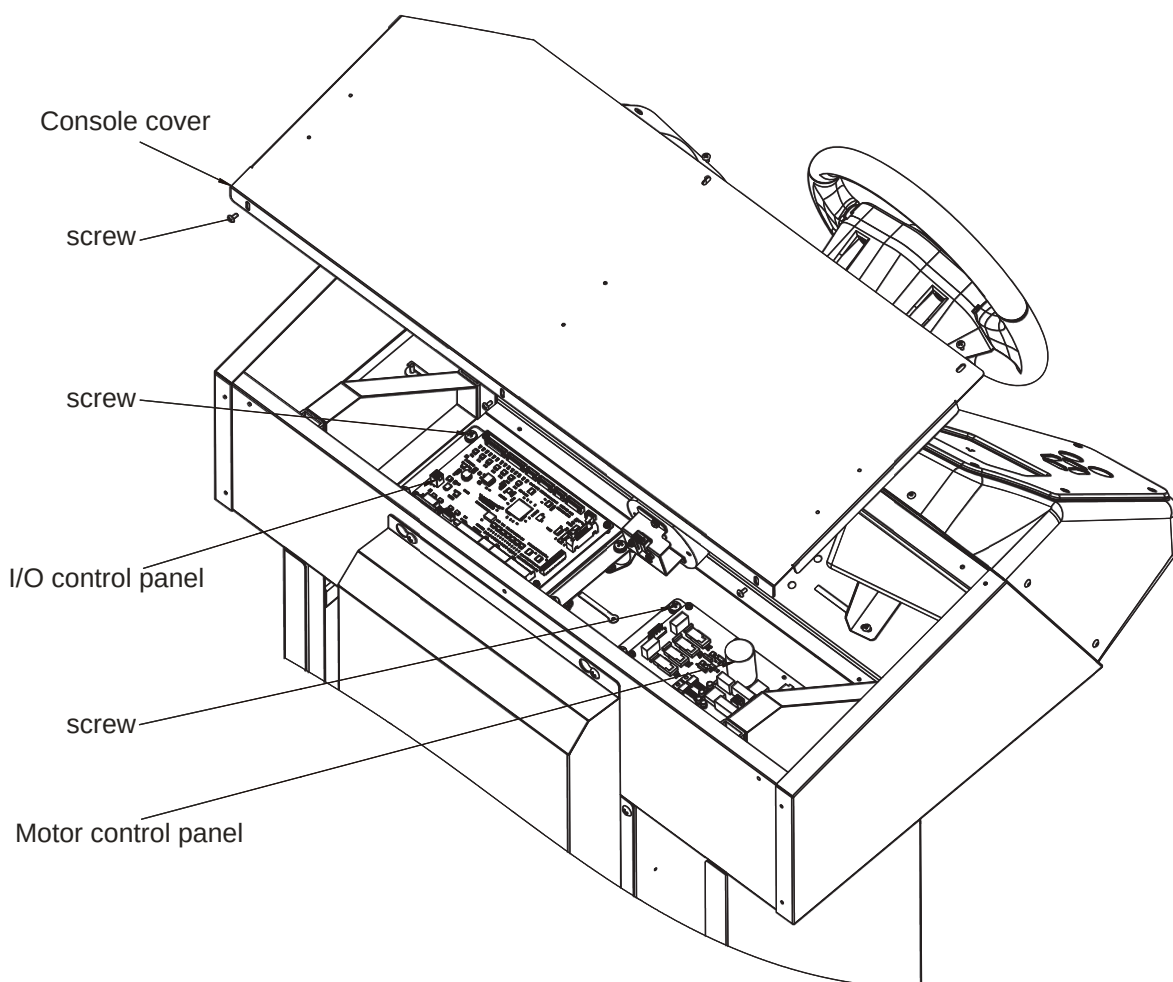
## 5.2.4 Repair and replacement for I/O control panel and motor control panel

### [Replace I/O control panel]

1. Remove the screws fixing the cover of console, and then remove the screws of the I/O control panel;
2. Remove and replace the I/O control panel (pay attention to the connection of wires);
3. Assemble in reverse order.

### [Replace motor control panel]

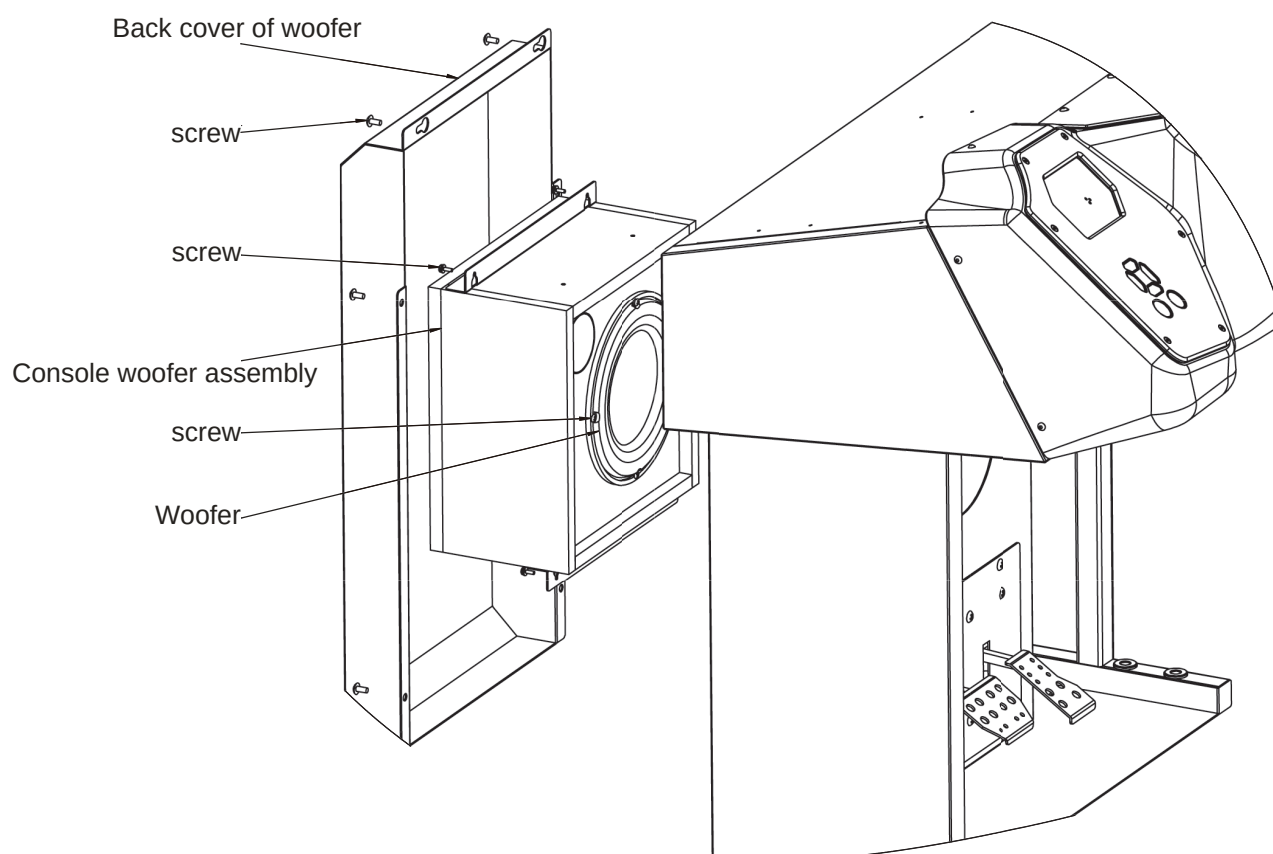
1. Remove the screws fixing the cover plate of console, and then remove the screws of the motor control panel;
2. Remove and replace the motor control panel (pay attention to the connection of wires);
3. Assemble in reverse order.



## 5.2.5 Maintenance and replacement of woofer

---

1. Remove the screws fixing the back cover of the woofer, and then remove the screws fixing the console woofer assembly;
2. Finally remove the screw of the woofer, remove and replace the woofer (pay attention to the connection of wires);
3. Assemble in reverse order.



## 5.2.6 Maintenance and replacement of 5050 soft strip light (L=800mm) and 5050 soft strip light (LPD6803 chip)

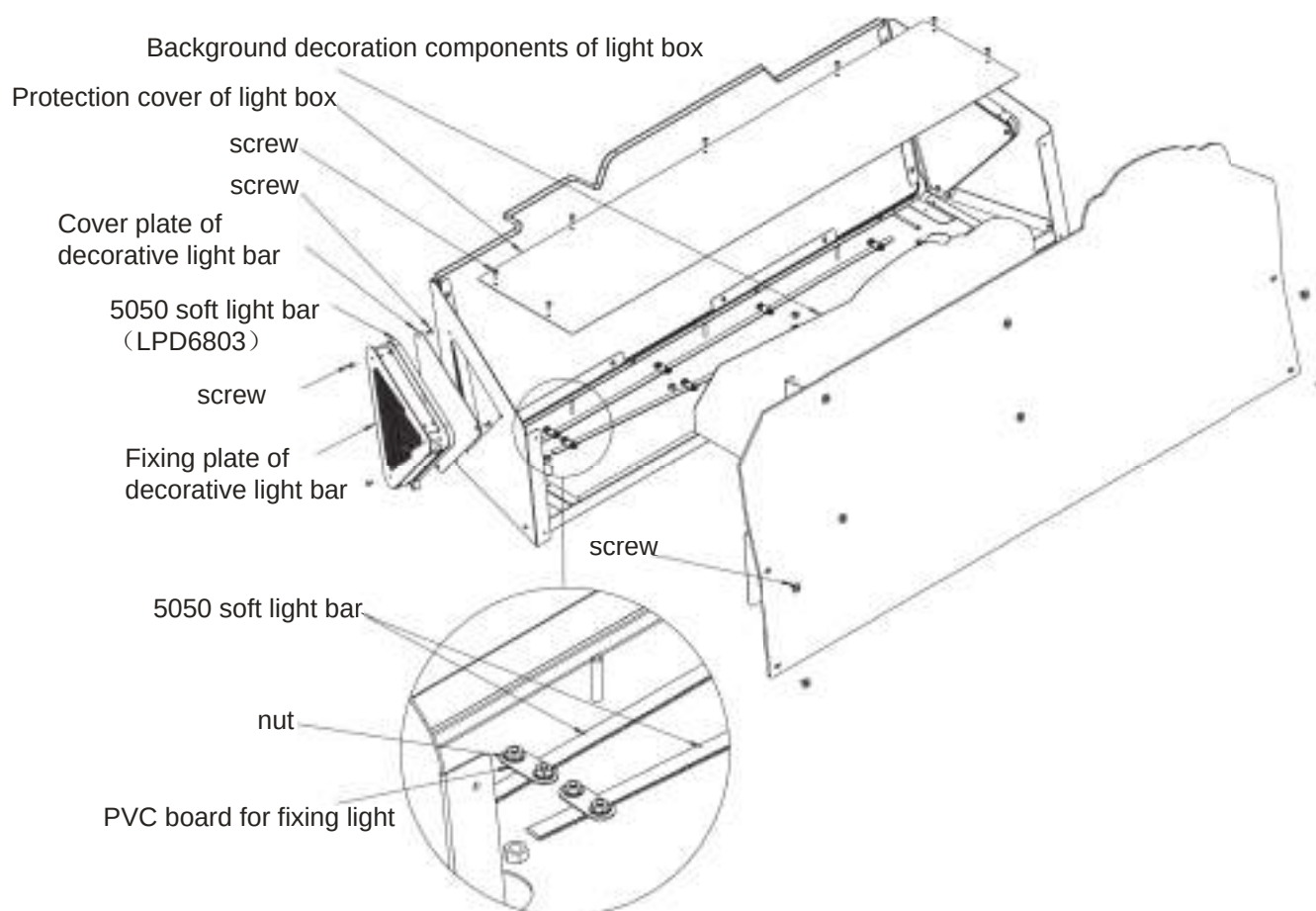
Refer to the instructions in assembly drawing A9DX-0000000, remove the top light box assembly (note the connection of wires);

### [Replace 5050 soft strip light(L=800mm)]

1. Remove the screws fixing the background decoration components of light box, and then remove the screws on protection cover of light box;
2. Finally, remove the nut fixing the PVC board for light, remove and replace the 5050 soft strip light (pay attention to the connection of wires);
3. Assemble in reverse order.

### [Replace the 5050 soft strip light (LPD6803 chip)]

1. Remove the screws fixing the fixing plate for decorative light bar, and then remove the screws fixing the cover plate of decorative light bar;
2. Remove and replace the 5050 soft strip light (LPD6803 chip) (pay attention to the connection of wires);
3. Assemble in reverse order.



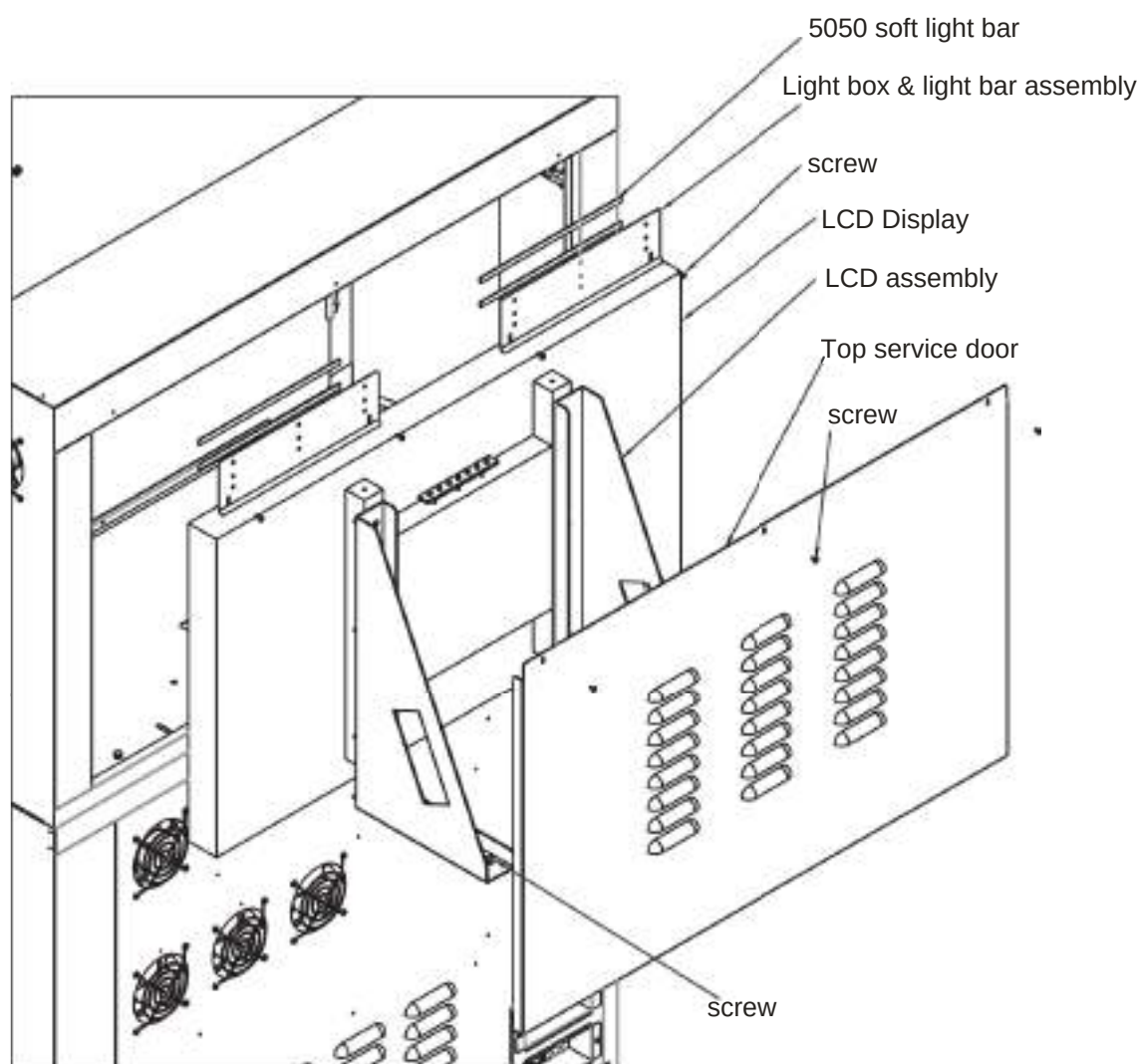
## 5.2.7 Repair and replacement of 5050 soft strip light and LCD

### [Replace 5050 soft strip light]

1. Remove the screws fixing the top service door, and then remove the screws of light box & light bar assembly;
2. Remove and replace the 5050 soft strip light (pay attention to the connection of wires);
3. Assemble in reverse order.

### [Replace the LCD]

1. Remove the screws fixing the top service door, and then remove the screws of the LCD component;
3. Assemble in reverse order.
2. Finally remove the screws of the LCD, remove and replace the LCD (pay attention to the connection of wires);

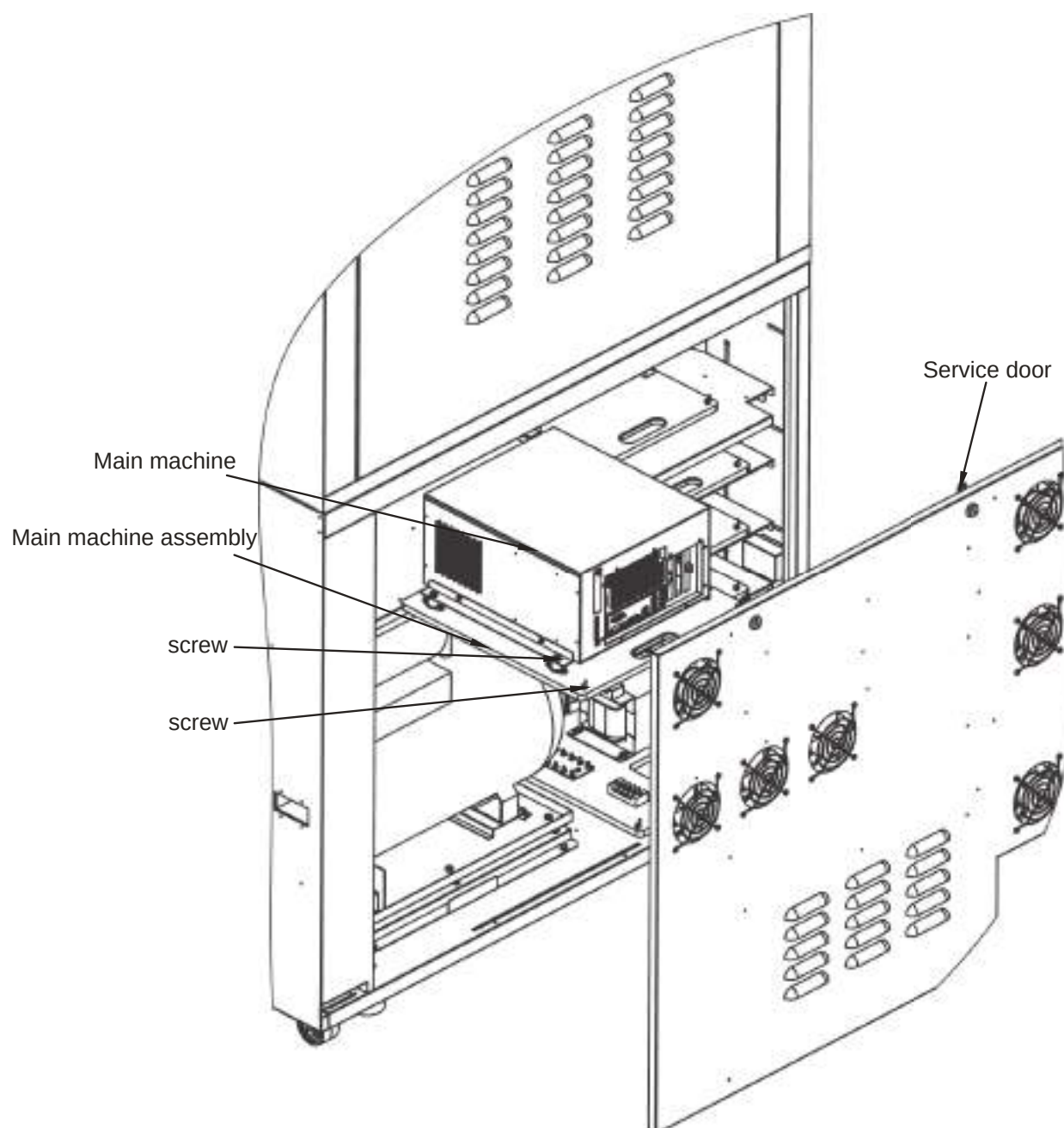




## 5.2.8 Maintenance and replacement of main machine

---

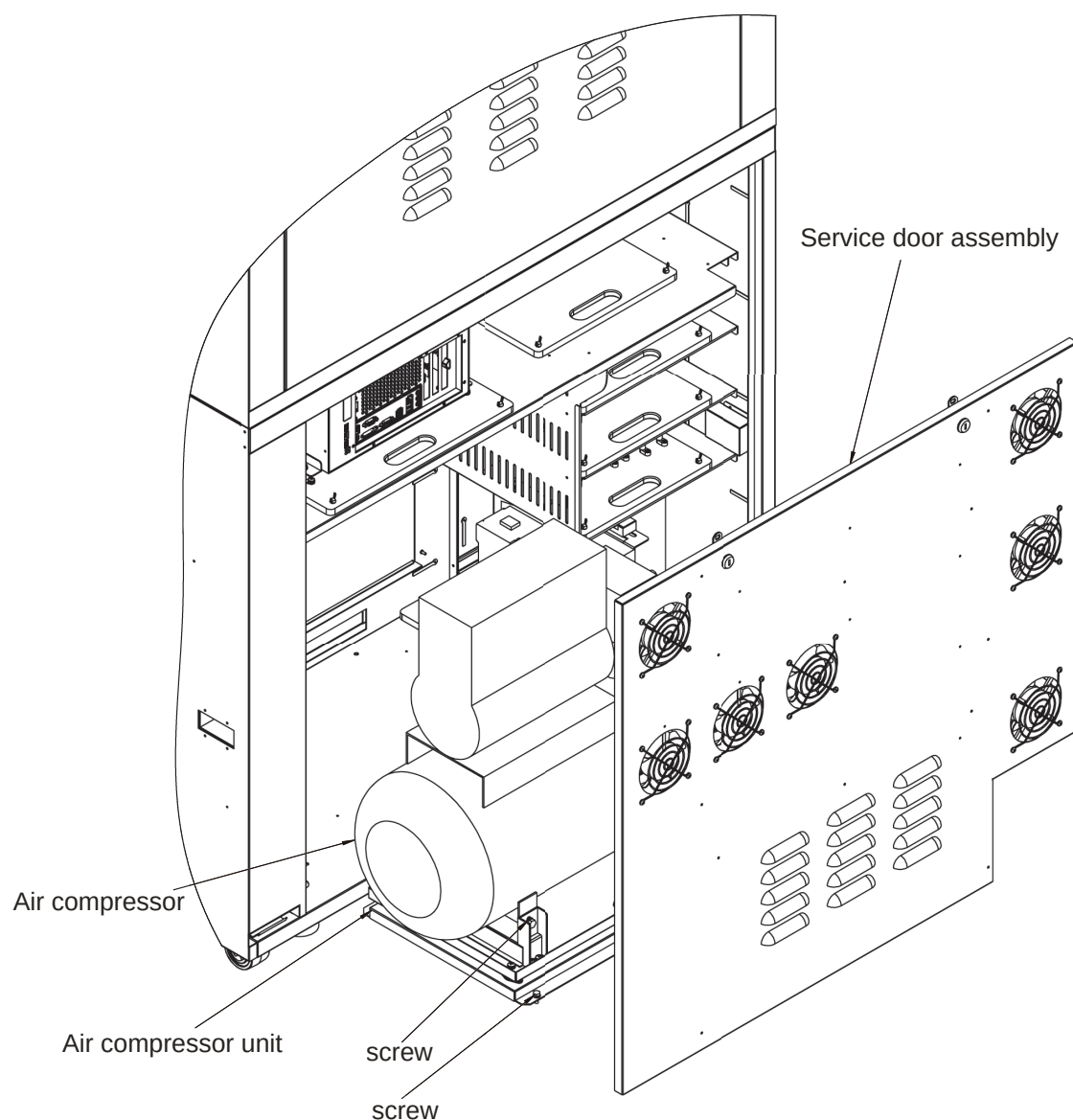
1. Open the service door assembly with a key, and then remove the screws fixing the main machine assembly;
2. Finally, remove the screws of the main machine, remove and replace the main machine (pay attention to the connection of wires);
3. Assemble in reverse order



## 5.2.9 Maintenance and replacement of air compressor

---

1. Open the service door assembly with key, and then remove the screws fixing the air compressor assembly;
2. Finally, remove the screws of the air compressor, remove and replace the air compressor (pay attention to the connection of wires);
3. Assemble in reverse order.





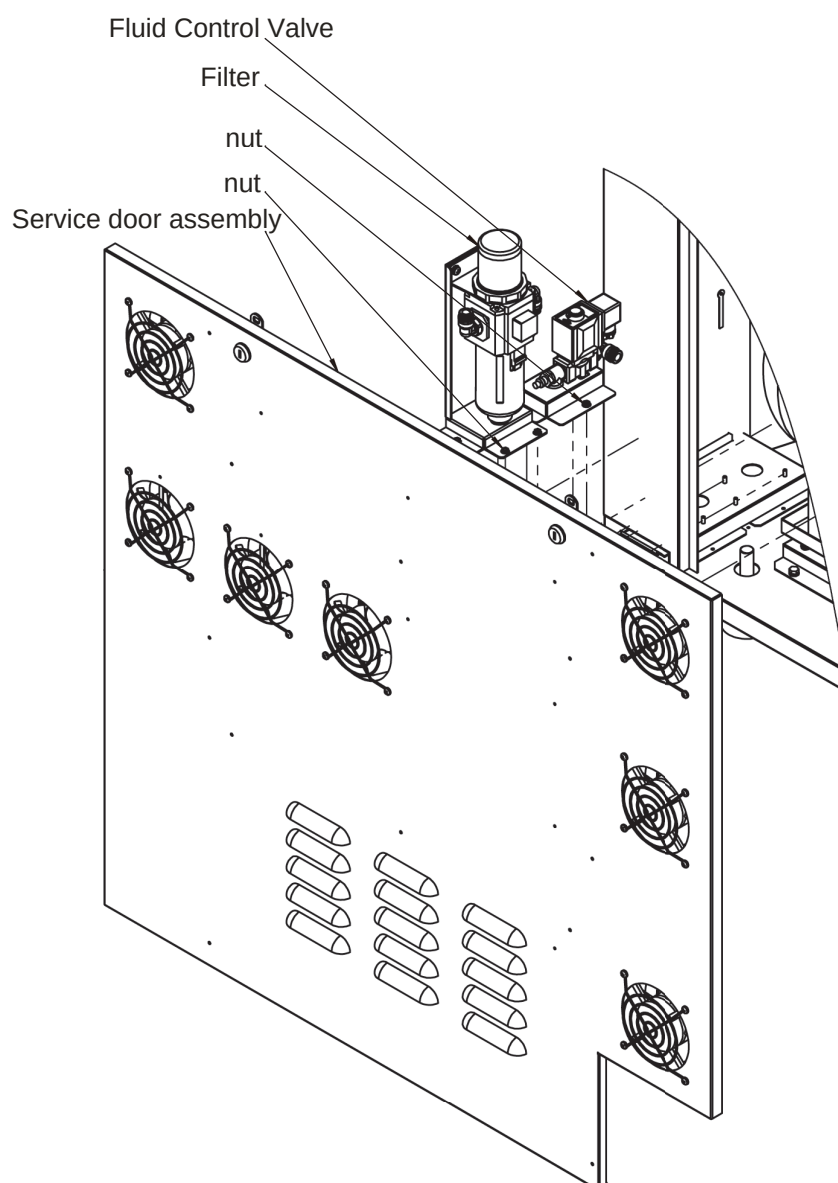
## 5.2.10 Maintenance and replacement of filters and fluid control valves

[Replace the filter]

1. Open the service door assembly with key, and then remove the nut fixing the filter assembly;
2. Finally, remove the screw of the filter, remove and replace the filter (pay attention to the connection of wires);
3. Assemble in reverse order.

[Replace the fluid control valve]

1. Open the service door assembly with key, and then remove the nuts of fluid control valve assembly;
2. Finally, remove the screw of the fluid control valve, remove and replace the fluid control valve (pay attention to the connection of wires);
3. Assemble in reverse order.



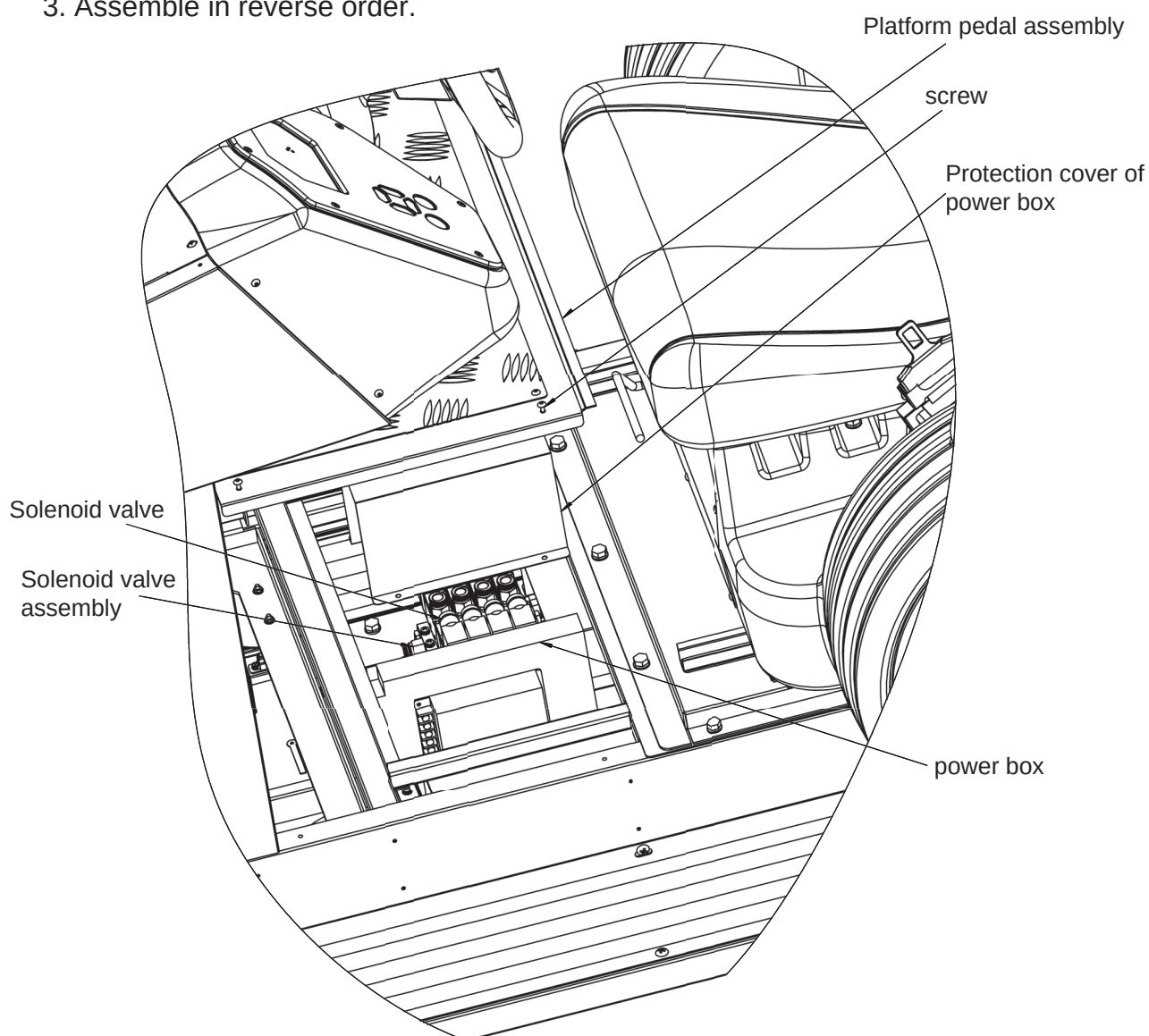
## 5.2.11 Repair and replace the power box and solenoid valve

[Replace the power box]

1. Remove the screws fixing the platform pedal assembly, and then remove the screws fixing the protection cover of the power box;
2. Finally, remove the screws of the power box, remove and replace the power box (pay attention to the connection of wires);
3. Assemble in reverse order.

[Replace the solenoid valve]

1. Remove the screws fixing the platform pedal assembly, and then remove the screws fixing the solenoid valve assembly;
2. Finally, remove the screw of the solenoid valve, remove and replace the solenoid valve (pay attention to the connection of wires);
3. Assemble in reverse order.



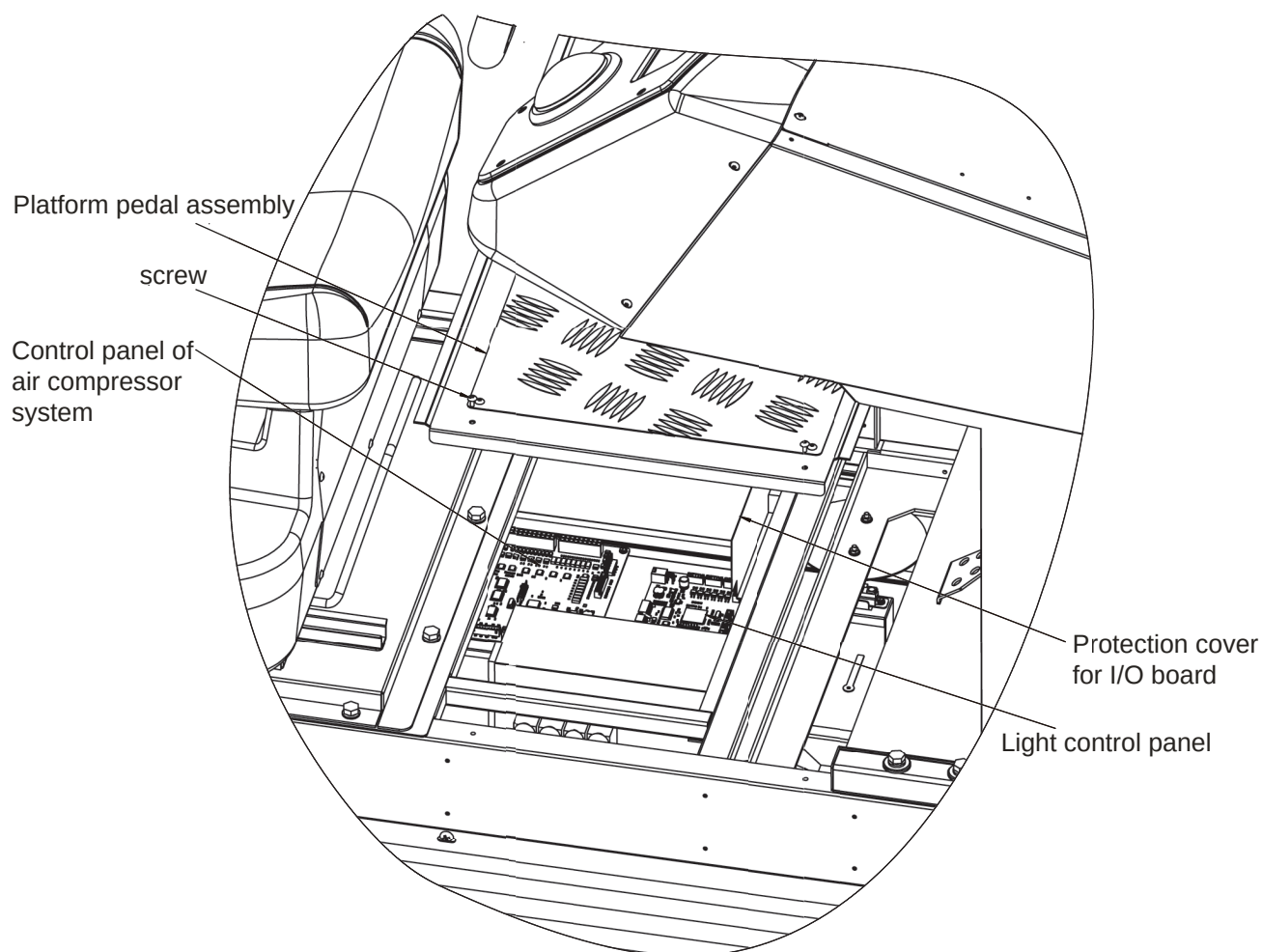
## 5.2.12 Maintenance and replacement of control panel of air compressor system, and light control pane

[Replace the control panel of the air compressor system]

1. Remove the screws fixing the platform pedal assembly, and then remove the screws of protection cover for I/O board;
2. Finally, remove the screws of the control panel of the air compressor system, remove and replace the control panel of the air compressor system (pay attention to the connection of wires);
3. Assemble in reverse order.

[Replace the light control panel]

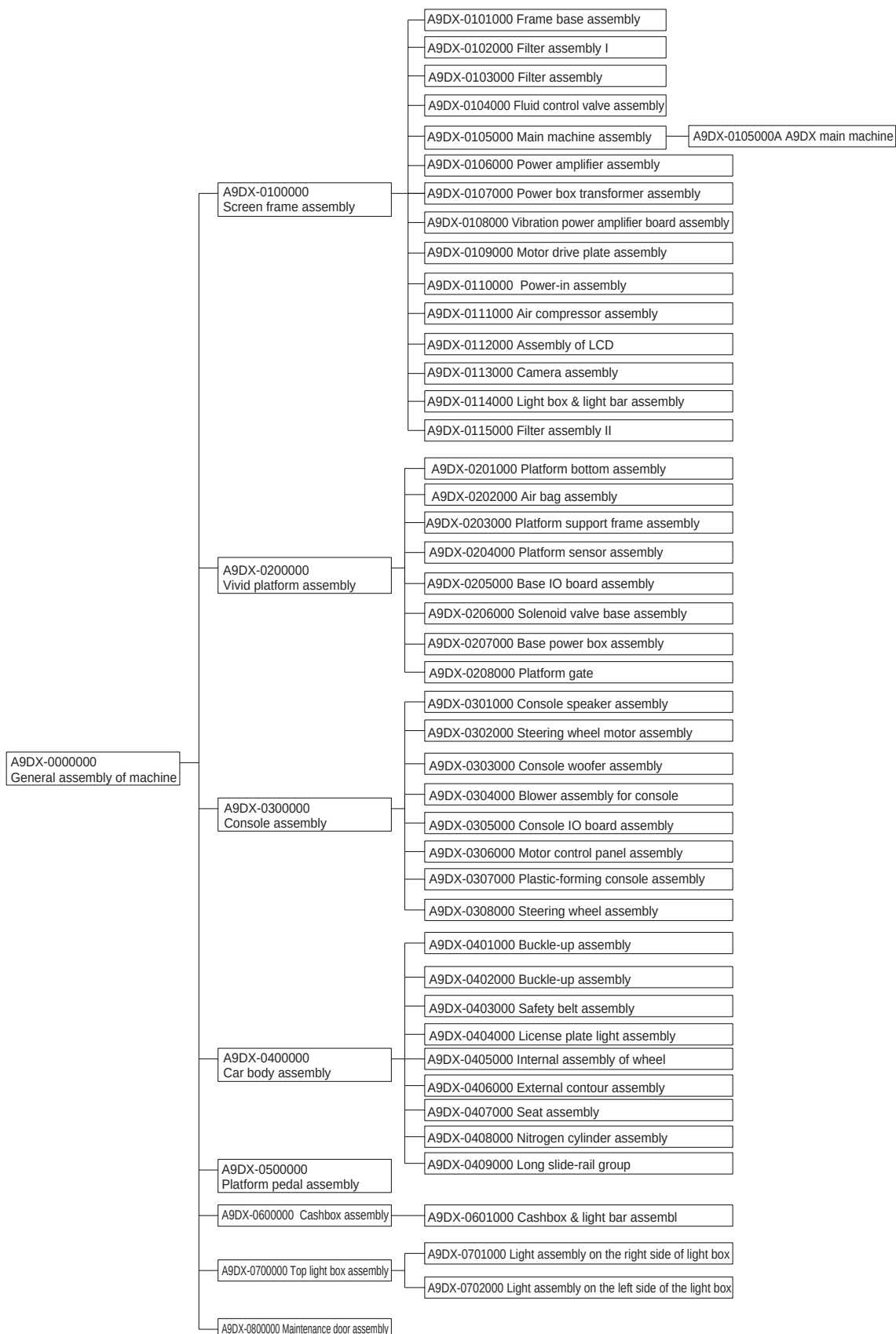
1. Remove the screws fixing the platform pedal assembly, and then remove the screws of protection cover for I/O board;
2. Finally, remove the screws of the light control panel, remove and replace the light control panel (pay attention to the connection of wires);
3. Assemble in reverse order.



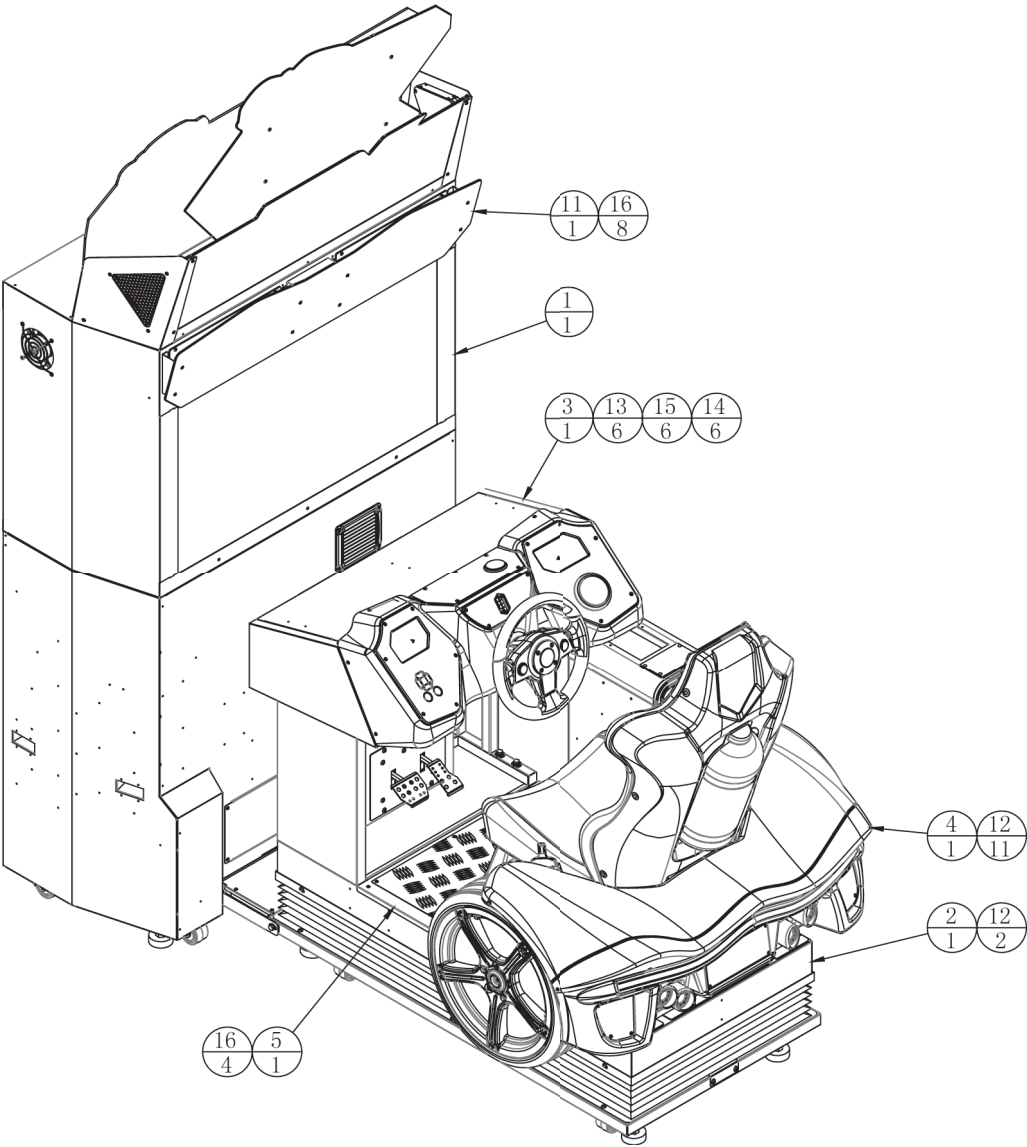
**Note:** For the unlisted items, refer to Assembling Drawing in chapter 6.

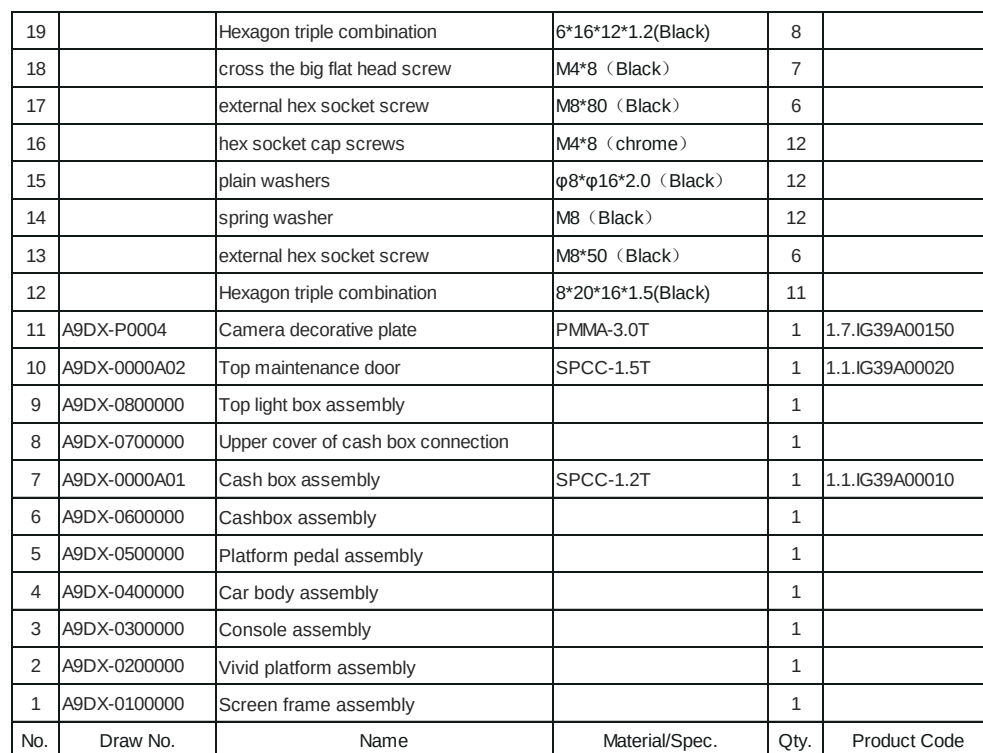
# 6. Assembly

## 6.1 Assembly tree diagram

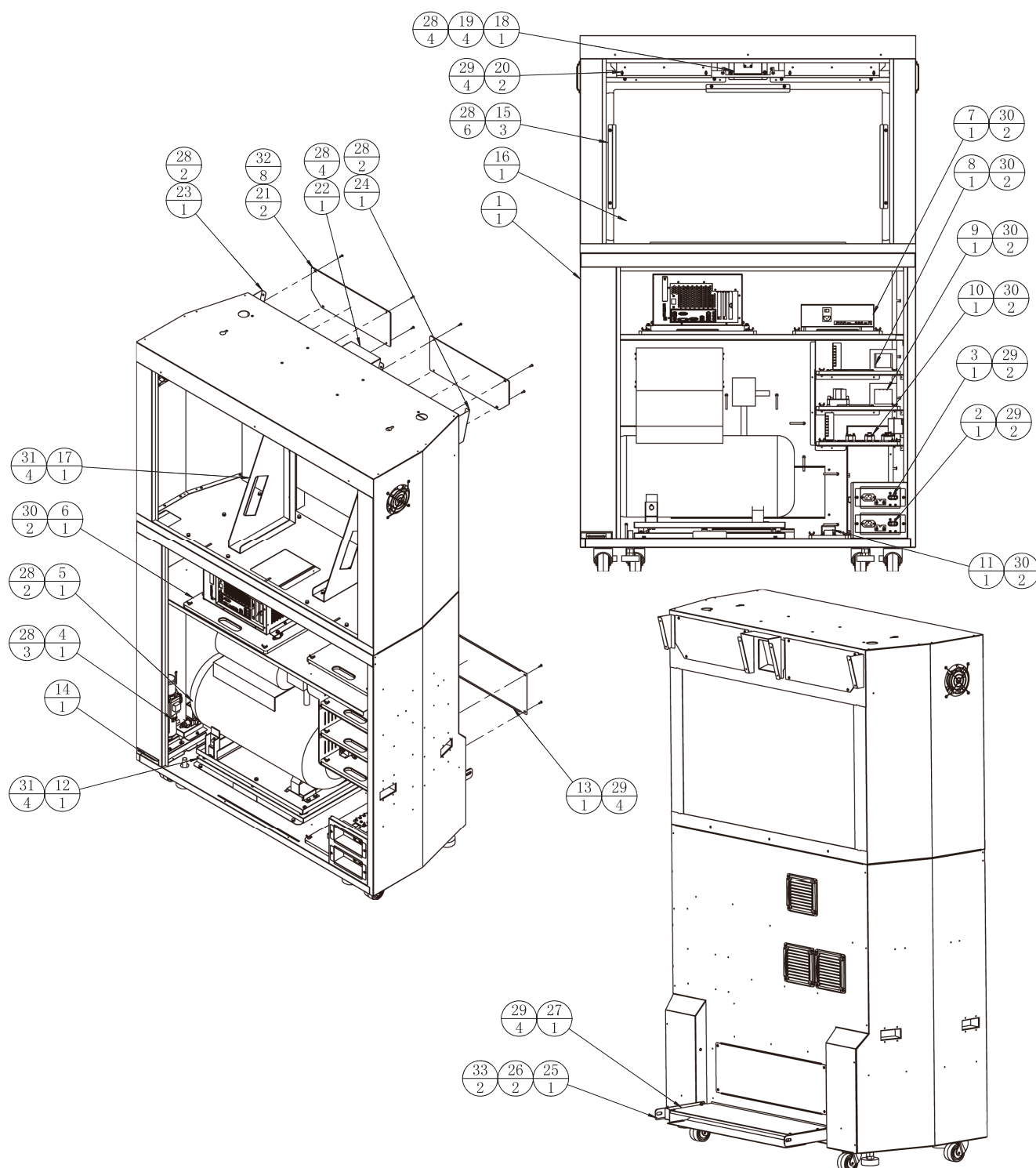


## 6.2 General assembly of machine(A9DX-0000000)





## 6.3 Screen frame assembly (A9DX-0100000)

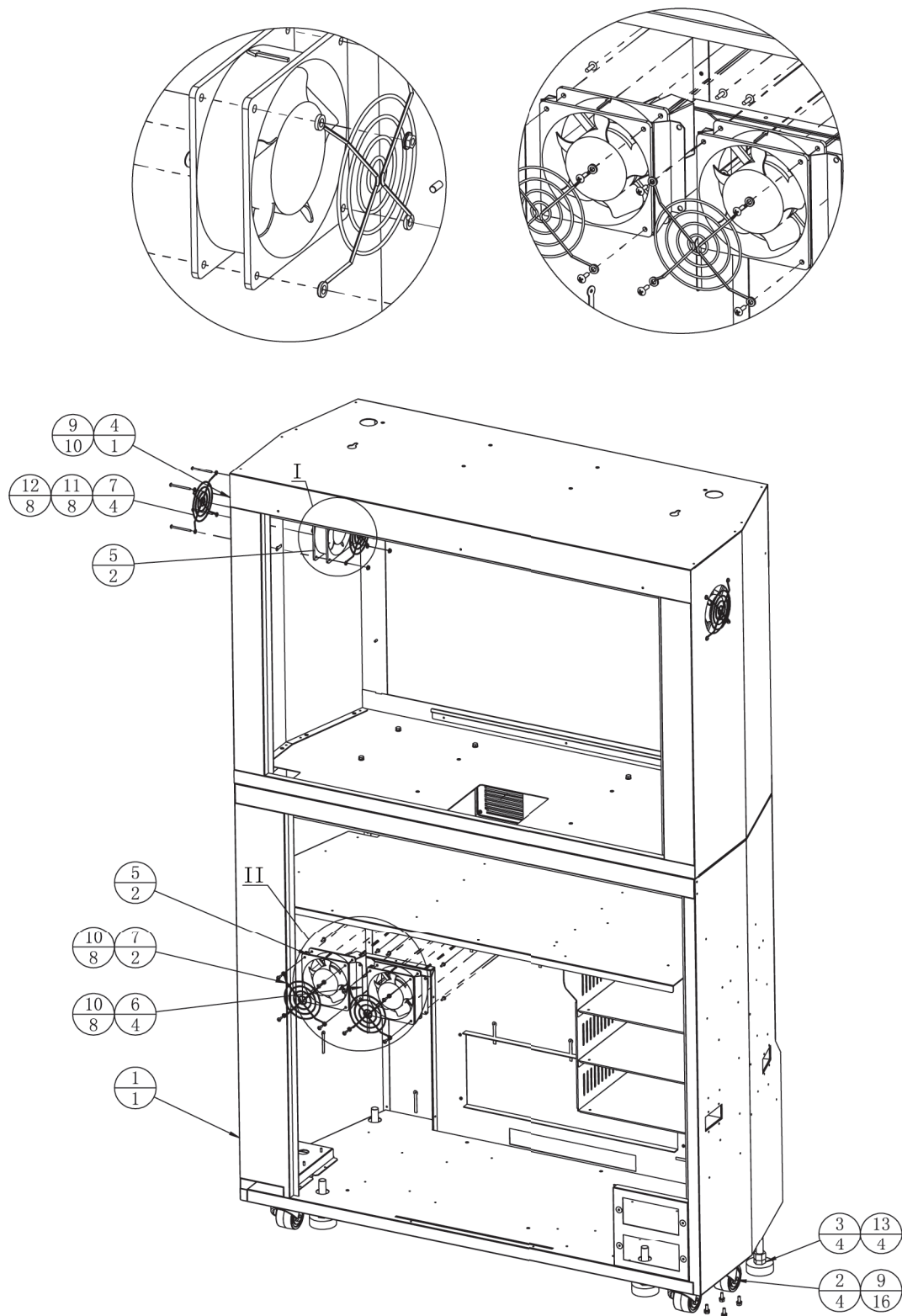


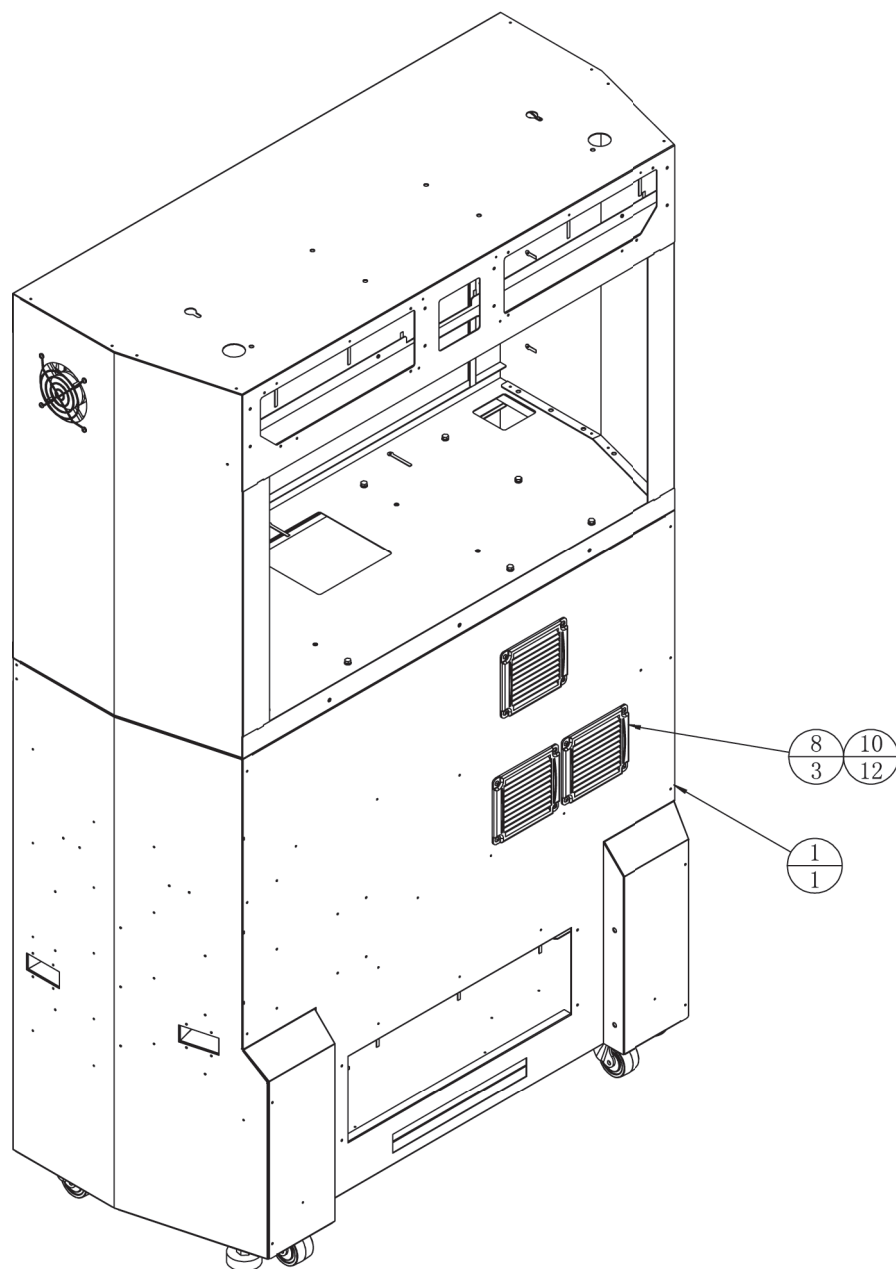


| 33  |              | Hexagon triple combination               | 8*30*16*1.5(Black) | 2    |                |
|-----|--------------|------------------------------------------|--------------------|------|----------------|
| 32  |              | cross the big flat head screw            | M4*12 (chrome)     | 8    |                |
| 31  |              | Hexagon triple combination               | 6*16*12*1.2(Black) | 8    |                |
| 30  |              | butterfly screws                         | M4*20 (chrome)     | 12   |                |
| 29  |              | cross the big flat head screw            | M4*12 (Black)      | 16   |                |
| 28  |              | hex head cap screw                       | M4 (Colour)        | 23   |                |
| 27  | A9DX-0100A08 | Connecting cover plate                   | SPCC-1.5T          | 1    | 1.1.IG39A00110 |
| 26  | HVR-0000C02  | Separation column                        | Black POM          | 2    | 1.8.IG32A070   |
| 25  | A9DX-0100A07 | Connecting fixing plate                  |                    | 1    | 1.1.IG39A00100 |
| 24  | A9DX-0100A06 | Screen acrylic fixing plate 3            | SPCC-1.2T          | 1    | 1.1.IG39A00090 |
| 23  | A9DX-0100A05 | A fixed screen acryl plate               | SPCC-1.2T          | 1    | 1.1.IG39A00080 |
| 22  | A9DX-0100A04 | The acryl screen a fixed plate           | SPCC-1.2T          | 1    | 1.1.IG39A00070 |
| 21  | A9DX-0100D01 | Screen light box cover plate             | PMMA-3.0T          | 2    | 1.7.IG39A00010 |
| 20  | A9DX-0114000 | Light box & light bar assembly           |                    | 2    |                |
| 19  |              | Transistor gasket                        | TW-102             | 4    | 1.4.DC102220   |
| 18  | A9DX-0113000 | Camera assembly                          |                    | 1    |                |
| 17  | A9DX-0112000 | Assembly of LCD                          |                    | 1    |                |
| 16  | WAH-0000C05  | 42" led screen glass a                   | glass-5.0T         | 1    | 1.8.AA030050   |
| 15  | A9DX-0100A03 | Screen glass fixing plate                | SECC-1.0T          | 3    | 1.1.IG39A00060 |
| 14  | A9DX-0100A02 | Water collecting tray                    |                    | 1    | 1.1.IG39A00050 |
| 13  | A9DX-0100A01 | Main frame front maintenance door        | SPCC-1.5T          | 1    | 1.1.IG39A00040 |
| 12  | A9DX-0111000 | Air compressor assembly                  |                    | 1    |                |
| 11  | A9DX-0110000 | Power-in assembly                        |                    | 1    |                |
| 10  | A9DX-0109000 | Motor drive plate assembly               |                    | 1    |                |
| 9   | A9DX-0108000 | Vibration power amplifier board assembly |                    | 1    |                |
| 8   | A9DX-0107000 | Power amplifier assembly                 |                    | 1    |                |
| 7   | A9DX-0106000 | Power amplifier assembly                 |                    | 1    |                |
| 6   | A9DX-0105000 | Main machine assembly                    |                    | 1    |                |
| 5   | A9DX-0104000 | Fluid control valve assembly             |                    | 1    |                |
| 4   | A9DX-0103000 | Filter assembly                          |                    | 1    |                |
| 3   | A9DX-0115000 | Filter assembly II                       |                    | 1    |                |
| 2   | A9DX-0102000 | Filter assembly I                        |                    | 1    |                |
| 1   | A9DX-0101000 | Frame base assembly                      |                    | 1    |                |
| No. | Draw No.     | Name                                     | Material/Spec.     | Qty. | Product Code   |



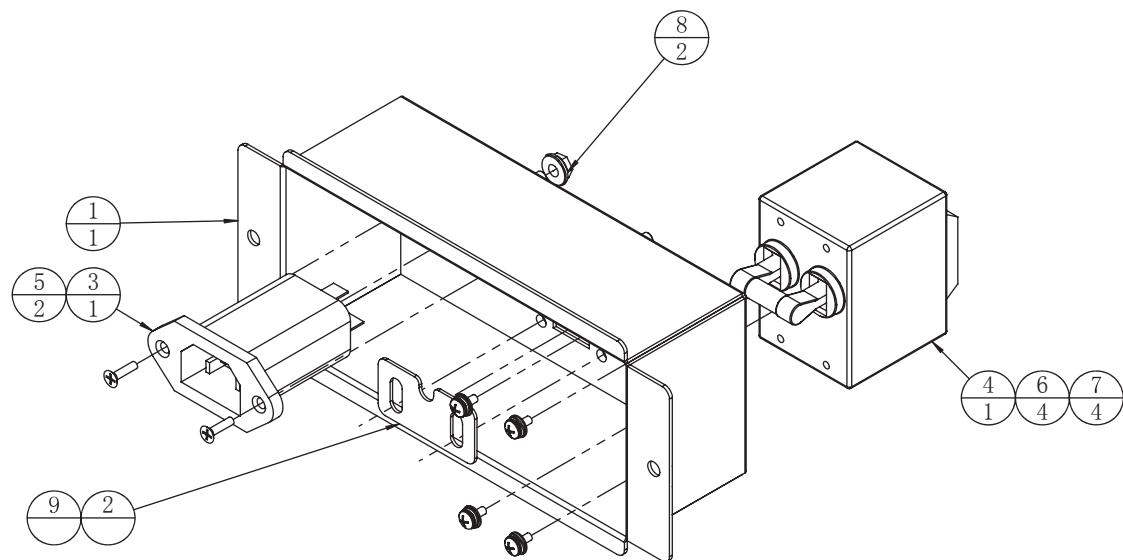
### 6.3.1 Frame base assembly (A9DX-0101000)





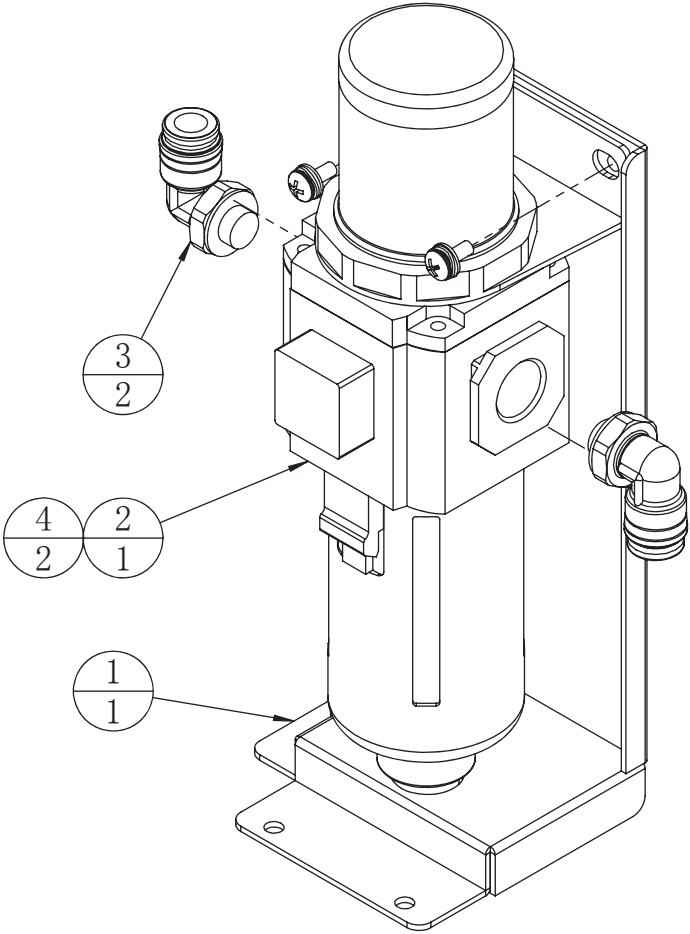
|     |              |                               |                                     |      |                |
|-----|--------------|-------------------------------|-------------------------------------|------|----------------|
| 13  |              | hexagon nut                   | M16 (Colour)                        | 4    |                |
| 12  |              | hex head cap screw            | M4 (Colour)                         | 8    |                |
| 11  |              | cross the big flat head screw | M4*50 (stainless steel)             | 8    |                |
| 10  |              | cross the big flat head screw | M4*12 (Black)                       | 28   |                |
| 9   |              | Hexagon triple combination    | 6*16*12*1.2(Black)                  | 26   |                |
| 8   |              | plastic air network           | 253-5460                            | 3    | 1.4.FS500010   |
| 7   |              | fan cover                     | 120*120                             | 6    | 1.4.FS300020   |
| 6   | vbp-01-14-01 | fan bracket                   | SECC-1.0T                           | 4    | 1.1.IG13A00280 |
| 5   |              | fan with bearing              | 120*120/AC110V                      | 4    | 1.4.FS200042   |
| 4   | A9DX-0101A02 | Upper seat of main frame      |                                     | 1    | 1.1.IG39A00130 |
| 3   |              | anchor bolt (rubber bottom)   | M16*100(Colour)                     | 4    |                |
| 2   |              | casters                       | 2.5 inch low center of gravity type | 4    | 1.4.JL302520   |
| 1   | A9DX-0101A01 | Main frame base               |                                     | 1    | 1.1.IG39A00120 |
| No. | Draw No.     | Name                          | Material/Spec.                      | Qty. | Product Code   |

## 6.3.2 Filter assembly I(A9DX-0102000)



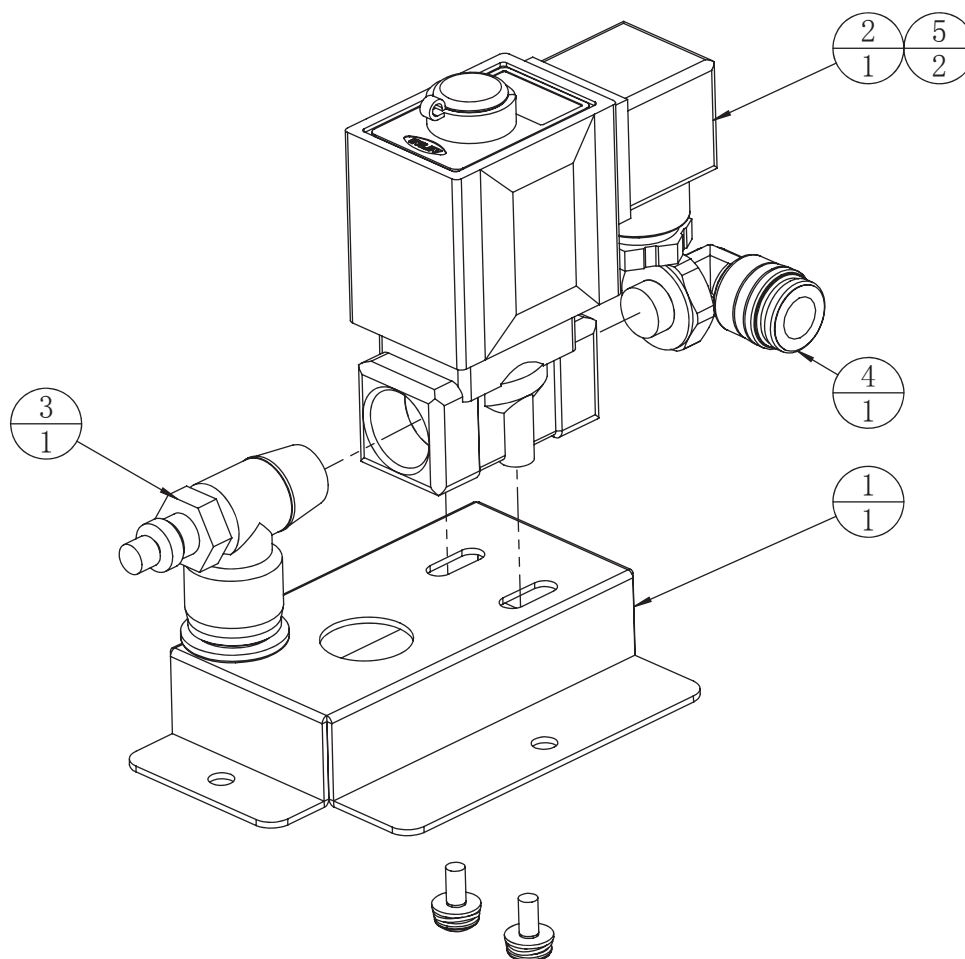
|     |              |                                                       |                    |      |                |
|-----|--------------|-------------------------------------------------------|--------------------|------|----------------|
| 9   |              | cross the big flat head screw                         | M4*8 (Black)       | 2    |                |
| 8   |              | hex head cap screw                                    | M4 (Colour)        | 2    |                |
| 7   |              | cross recessed fillister head three-combination screw | M4*8 (chrome)      | 4    |                |
| 6   |              | cross recessed fillister head three-combination screw | M3*6 (chrome)      | 4    |                |
| 5   |              | cross recessed countersunk head screws                | M3*10 (Black)      | 2    |                |
| 4   |              | leakage protection switch (double row)                | HD30-2PAC 250V/20A | 1    | 1.4.SW804012   |
| 3   |              | filter                                                | YB11A2-15A-Q       | 1    | 1.4.LB100080   |
| 2   | A9DX-0102A02 | Net wire fixing plate                                 | SPCC-1.0T          | 1    | 1.1.IG39A00150 |
| 1   | A9DX-0102A01 | Filter fixing plate                                   | SPCC-1.2T          | 1    | 1.1.IG39A00140 |
| No. | Draw No.     | Name                                                  | Material/Spec.     | Qty. | Product Code   |

6.3.3 Filter assembly(A9DX-0103000)



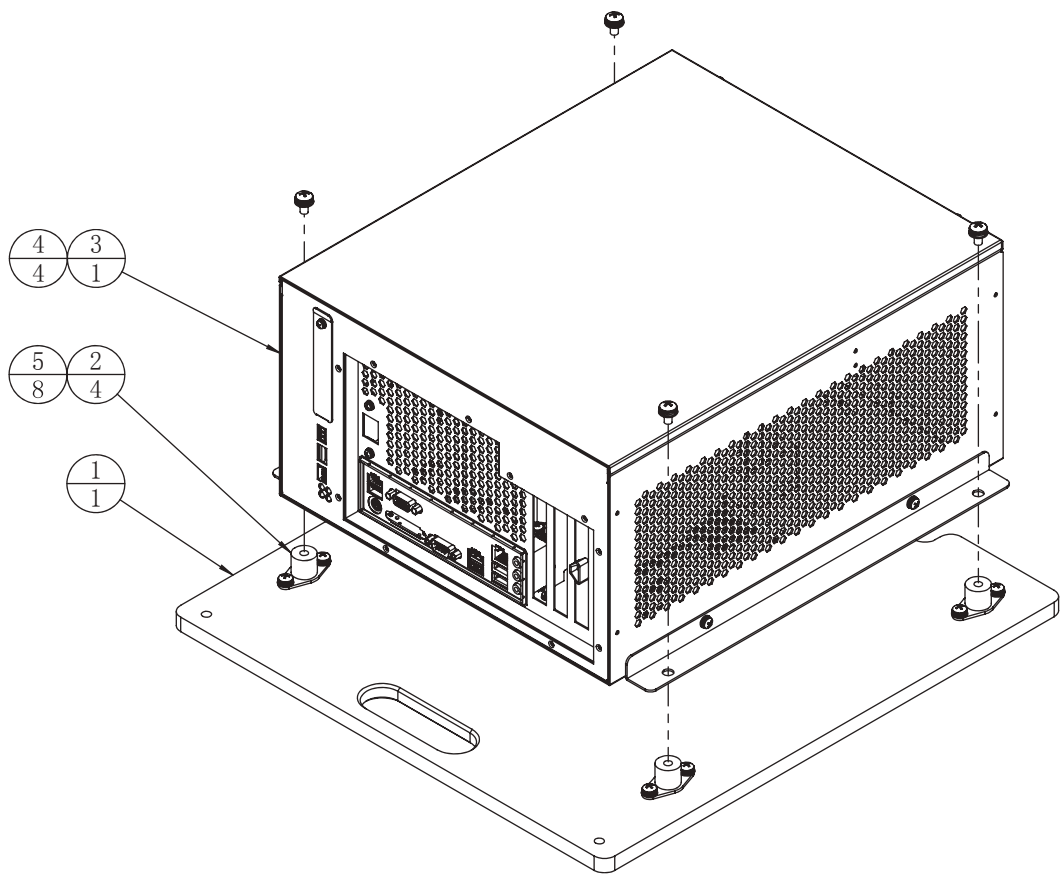
|     |              |                                                       |                |      |                |
|-----|--------------|-------------------------------------------------------|----------------|------|----------------|
| 4   |              | cross recessed fillister head three-combination screw | M5*12 (Black)  | 2    |                |
| 3   |              | I type screw thread connector                         | APL10-04       | 2    | 1.4.JG072100   |
| 2   |              | surge filters                                         | GFR40015AF1    | 1    | 1.4.LB200030   |
| 1   | A9DX-0103A01 | Regulator fixed iron                                  | SPCC-2.0T      | 1    | 1.1.IG39A00160 |
| No. | Draw No.     | Name                                                  | Material/Spec. | Qty. | Product Code   |

### 6.3.4 Fluid control valve assembly(A9DX-0104000)



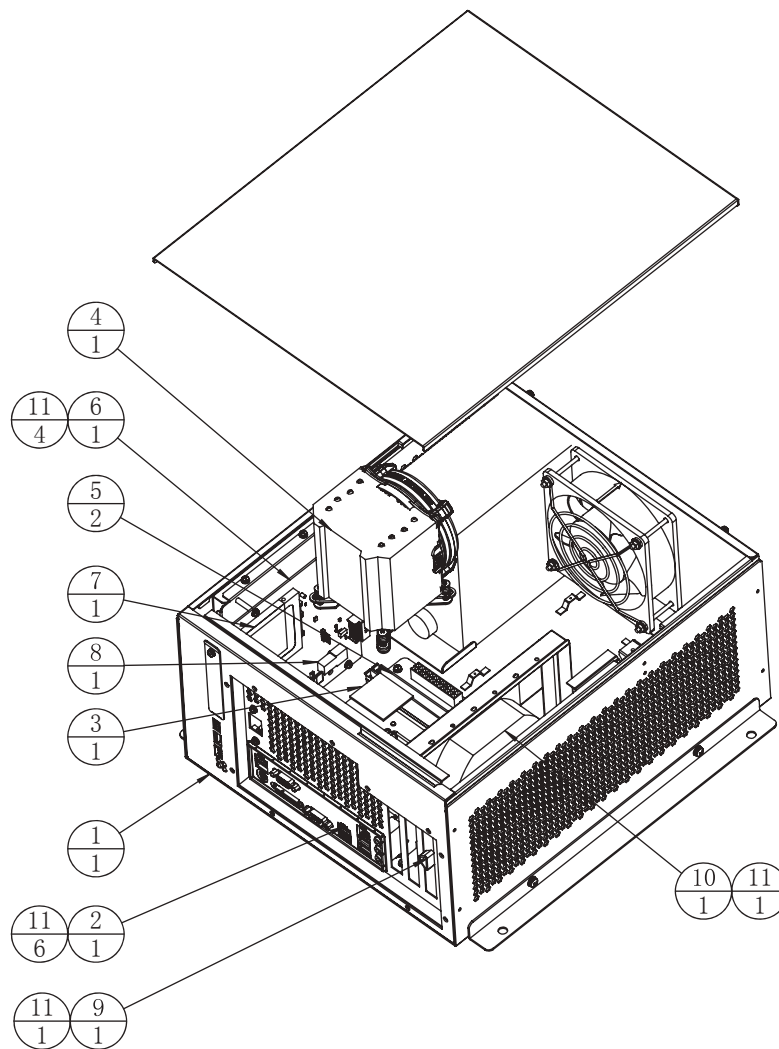
|     |              |                                                       |                |      |                |
|-----|--------------|-------------------------------------------------------|----------------|------|----------------|
| 5   |              | cross recessed fillister head three-combination screw | M5*12 (Black)  | 2    |                |
| 4   |              | I type screw thread connector                         | APL10-04       | 1    | 1.4.JG072100   |
| 3   |              | one-way throttle valve - pipe connector               | ASL10-04B      | 1    | 1.4.JG09A020   |
| 2   |              | fluids control valve                                  | 2L050-15-F     | 1    | 1.4.JG09A041   |
| 1   | A9DX-0104A01 | Fixed iron of fluid control valve                     | SPCC-1.5T      | 1    | 1.1.IG39A00170 |
| No. | Draw No.     | Name                                                  | Material/Spec. | Qty. | Product Code   |

### 6.3.5 Main machine assembly(A9DX-0105000)



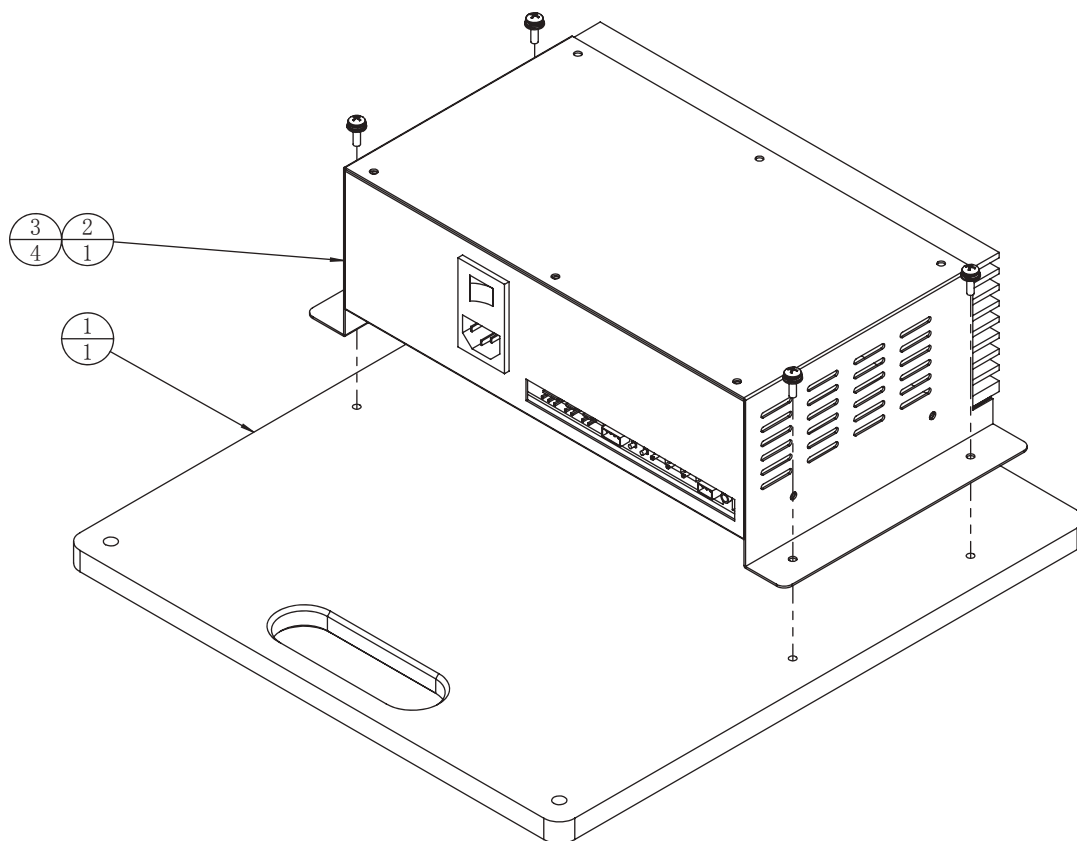
|     |               |                                                       |                |      |                |
|-----|---------------|-------------------------------------------------------|----------------|------|----------------|
| 5   |               | cross recessed fillister head three-combination screw | M5*12 (Black)  | 8    |                |
| 4   |               | cross recessed fillister head three-combination screw | M6*12 (Black)  | 4    |                |
| 3   | A9DX-0105000A | A9DX main machine                                     |                | 1    |                |
| 2   |               | lanhe shaped foot shock                               |                | 4    | 1.8.AA000250   |
| 1   | A9DX-0105B01  | Host fixed wood                                       | MDF-12.0T      | 1    | 1.2.IG39A00010 |
| No. | Draw No.      | Name                                                  | Material/Spec. | Qty. | Product Code   |

### 6.3.5.1 A9DX main machine(A9DX-0105000A)



|     |               |                                                       |                                                                                           |      |                |
|-----|---------------|-------------------------------------------------------|-------------------------------------------------------------------------------------------|------|----------------|
| 11  |               | cross recessed fillister head three-combination screw | M3*8 (chrome)                                                                             | 12   |                |
| 10  | 0991-50000257 | graphics card                                         | GTX 1650 OC 4GREV1.0(RoHS)                                                                | 1    | 1.3.IG39A00070 |
| 9   | 1134-50005000 | Expansion baffle                                      | 12CF1-1CM001-31R, RS2329PIN Single Port+ baffle (including wire)                          | 1    | 1.3.IG39A00170 |
| 8   | 0991-50000143 | dongle                                                | SENTINEL HARDWAREKEY_KEY(ROHS)                                                            | 1    | 1.3.IG39A00120 |
| 7   | 0995-50000016 | hard disc                                             | SSD_64GB(MLC)(RoHS)                                                                       | 1    | 1.3.IG39A00080 |
| 6   | 5651-00000206 | M23 protection plate                                  | NZ-#-0(RoHS)                                                                              | 1    | 1.3.IG39A00130 |
| 5   | 0583-00000035 | memory card                                           | SDRAM MODULE 8G DDR 2400(RoHS)                                                            | 2    | 1.3.IG39A00110 |
| 4   | 0991-50000220 | Fan assembly                                          | TAISOL, heat sink (94*121*4.5.4mm)+ fan (3800RPM+/-10%)+ component                        | 1    | 1.3.IG39A00100 |
| 3   | 0552-20000029 | CPU                                                   | Intel,3M Cache,3.9GHz,FCLGA14C                                                            | 1    | 1.3.IG39A00090 |
| 2   | 0991-50000244 | mother board                                          | Gigabyte,BIOS(compatible version F21F ZG), with enhanced ESD foam stop (12AIO-D4A385-14R) | 1    | 1.3.IG39A00060 |
| 1   | VS-0000000    | V3000 host housing                                    |                                                                                           | 1    |                |
| No. | Draw No.      | Name                                                  | Material/Spec.                                                                            | Qty. | Product Code   |

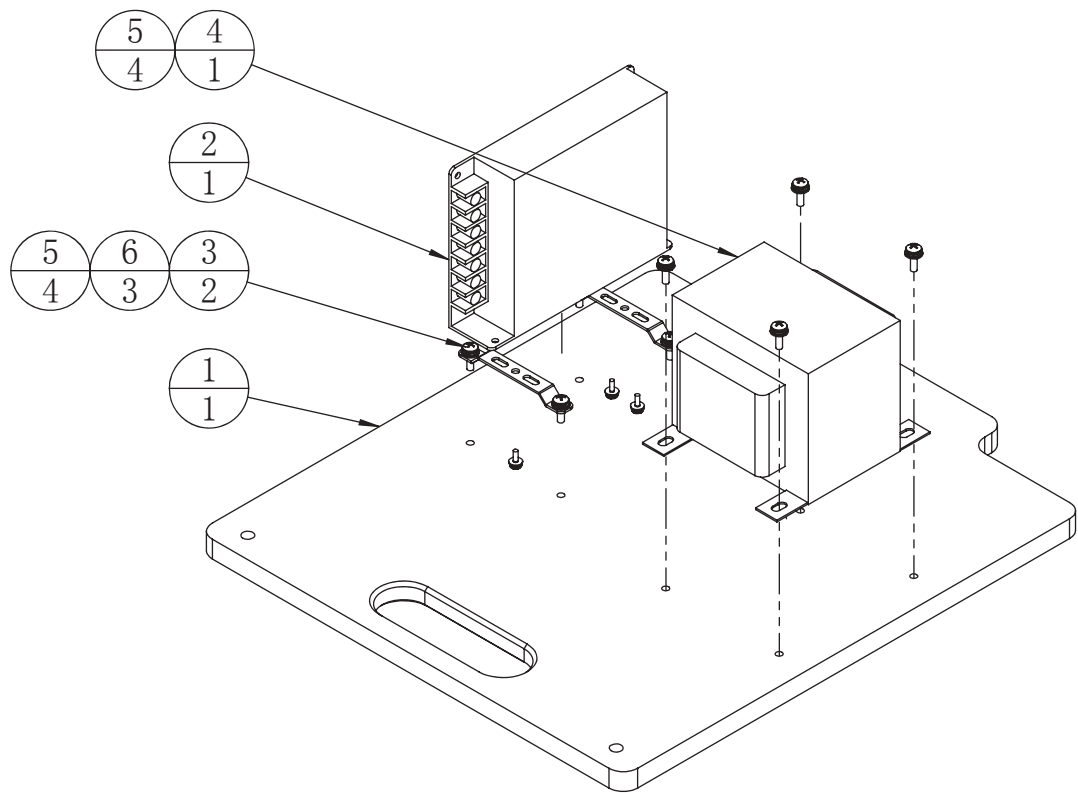
## 6.3.6 Power amplifier assembly(A9DX-0106000)



|     |              |                                                       |                |      |                |
|-----|--------------|-------------------------------------------------------|----------------|------|----------------|
| 3   |              | cross recessed fillister head three-combination screw | M4*12 (chrome) | 4    |                |
| 2   |              | 4.1 amplifier                                         | JK-OP-03       | 1    | 1.4.GF100022   |
| 1   | A9DX-0106B01 | amplifier panel                                       | MDF-12.0T      | 1    | 1.2.IG39A00020 |
| No. | Draw No.     | Name                                                  | Material/Spec. | Qty. | Product Code   |

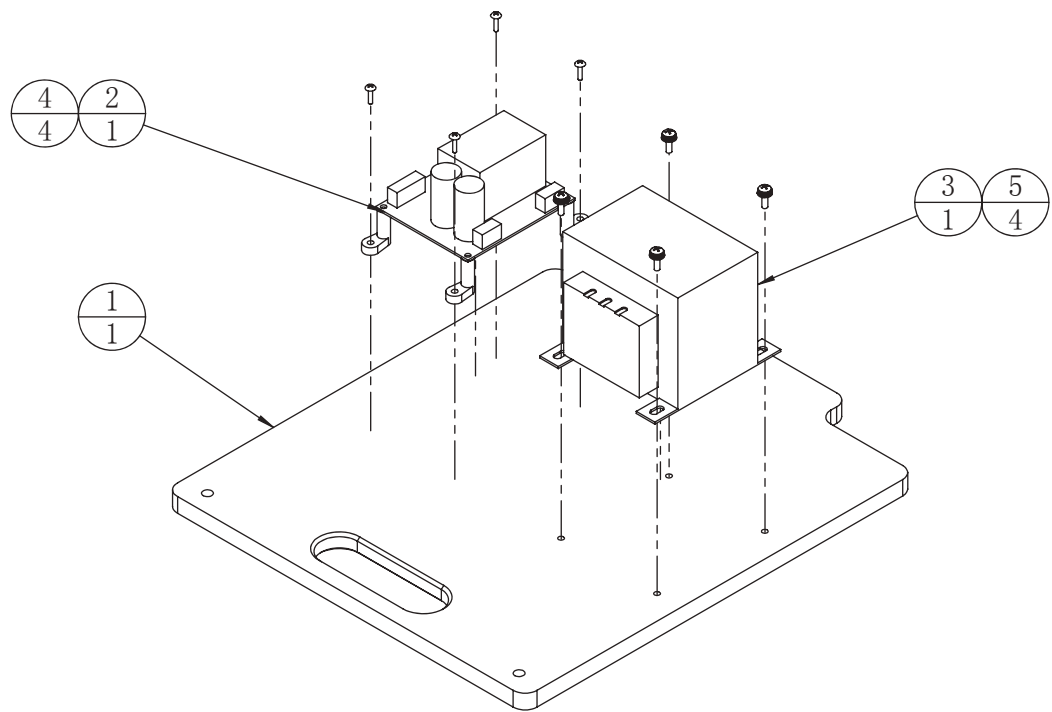


### 6.3.7 Power box transformer assembly(A9DX-0107000)



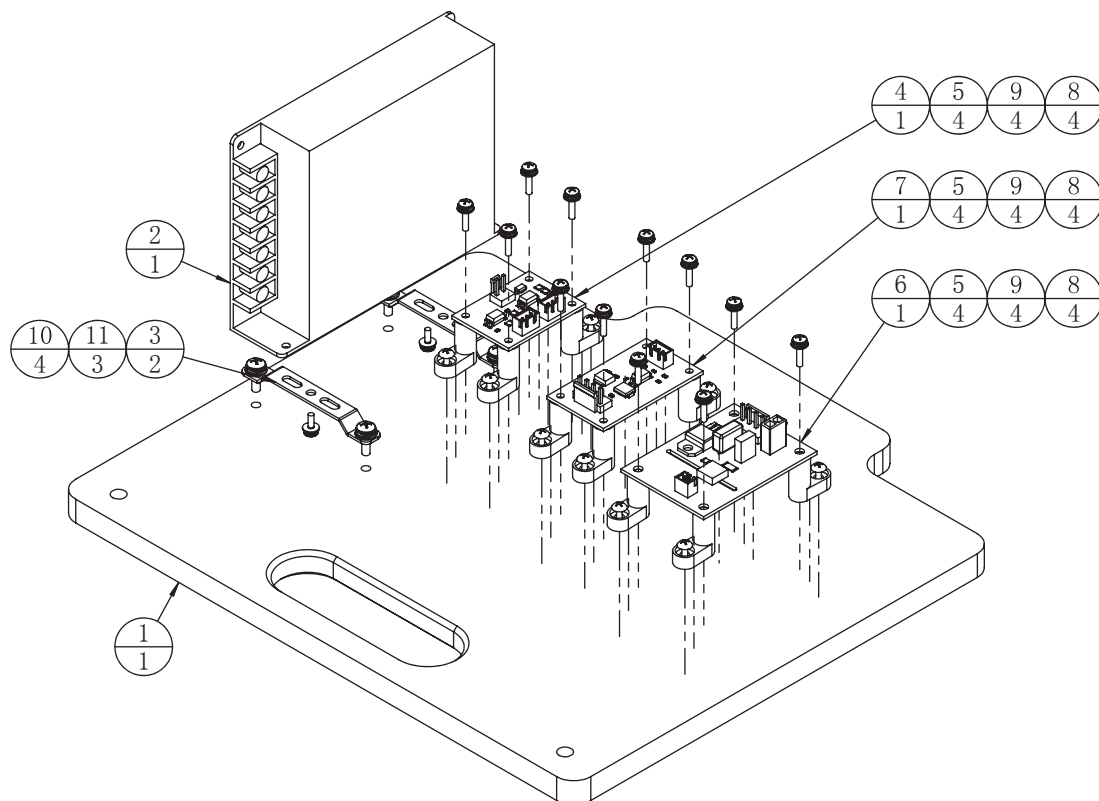
|     |              |                                                       |                      |      |                |
|-----|--------------|-------------------------------------------------------|----------------------|------|----------------|
| 6   |              | cross recessed fillister head three-combination screw | M3*8 (chrome)        | 3    |                |
| 5   |              | cross recessed fillister head three-combination screw | M4*12 (chrome)       | 8    |                |
| 4   |              | transformer                                           | 220V/110V转70V-10V/3A | 1    | 1.4.BY103030   |
| 3   | AST-0101A10  | Long fixing plate at the bottom of power box          | SECC-1.2T            | 2    | 1.1.AN17A00310 |
| 2   |              | power supply                                          | LRS-100-12           | 1    | 1.4.DY170120   |
| 1   | A9DX-0107B01 | fixed power supply board                              | MDF-12.0T            | 1    | 1.2.IG39A00030 |
| No. | Draw No.     | Name                                                  | Material/Spec.       | Qty. | Product Code   |

### 6.3.8 Vibration power amplifier board assembly(A9DX-0108000)



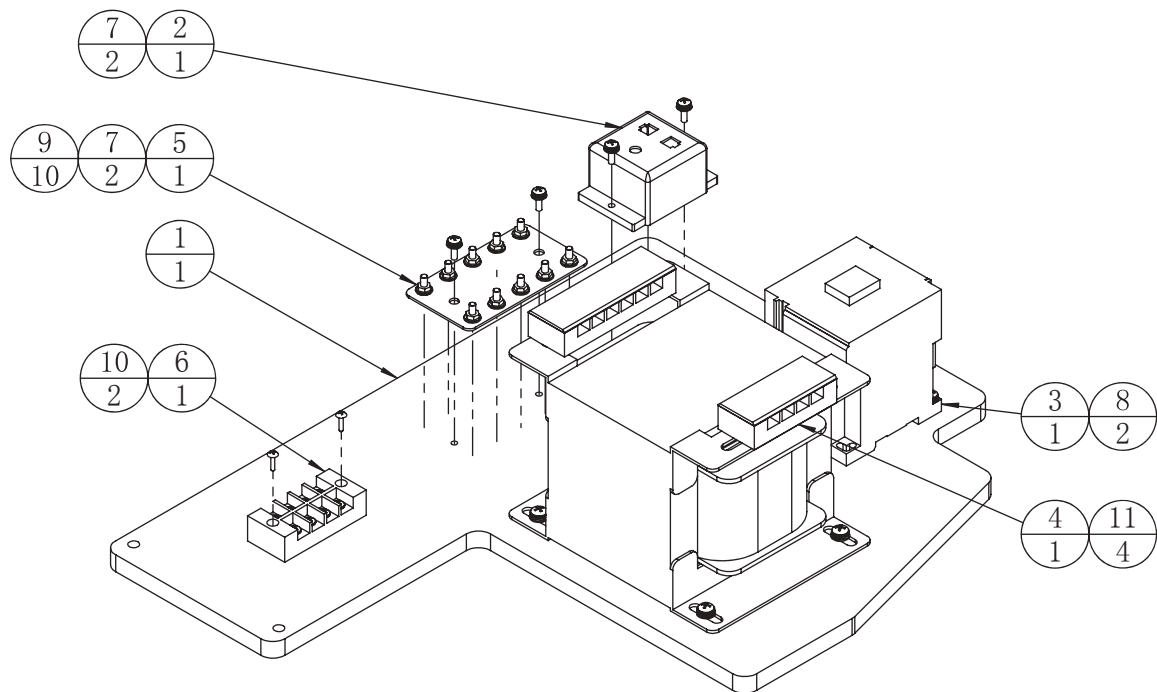
|     |              |                                                       |                            |      |                |
|-----|--------------|-------------------------------------------------------|----------------------------|------|----------------|
| 5   |              | cross recessed fillister head three-combination screw | M4*12 (chrome)             | 4    |                |
| 4   |              | cross the big flat head self-drilling screw           | M3*12 (chrome)             | 4    |                |
| 3   |              | transformer                                           | 200W AC220/110V 16V-0V-16V | 1    | 1.4.BY202050   |
| 2   |              | Digital version of vibration power amplifier          | JK-OP-08                   | 1    | 1.4.IC901801   |
| 1   | A9DX-0108B01 | Vibration power amplifier board                       | MDF-12.0T                  | 1    | 1.2.IG39A00040 |
| No. | Draw No.     | Name                                                  | Material/Spec.             | Qty. | Product Code   |

## 6.3.9 Motor drive plate assembly (A9DX-0109000)



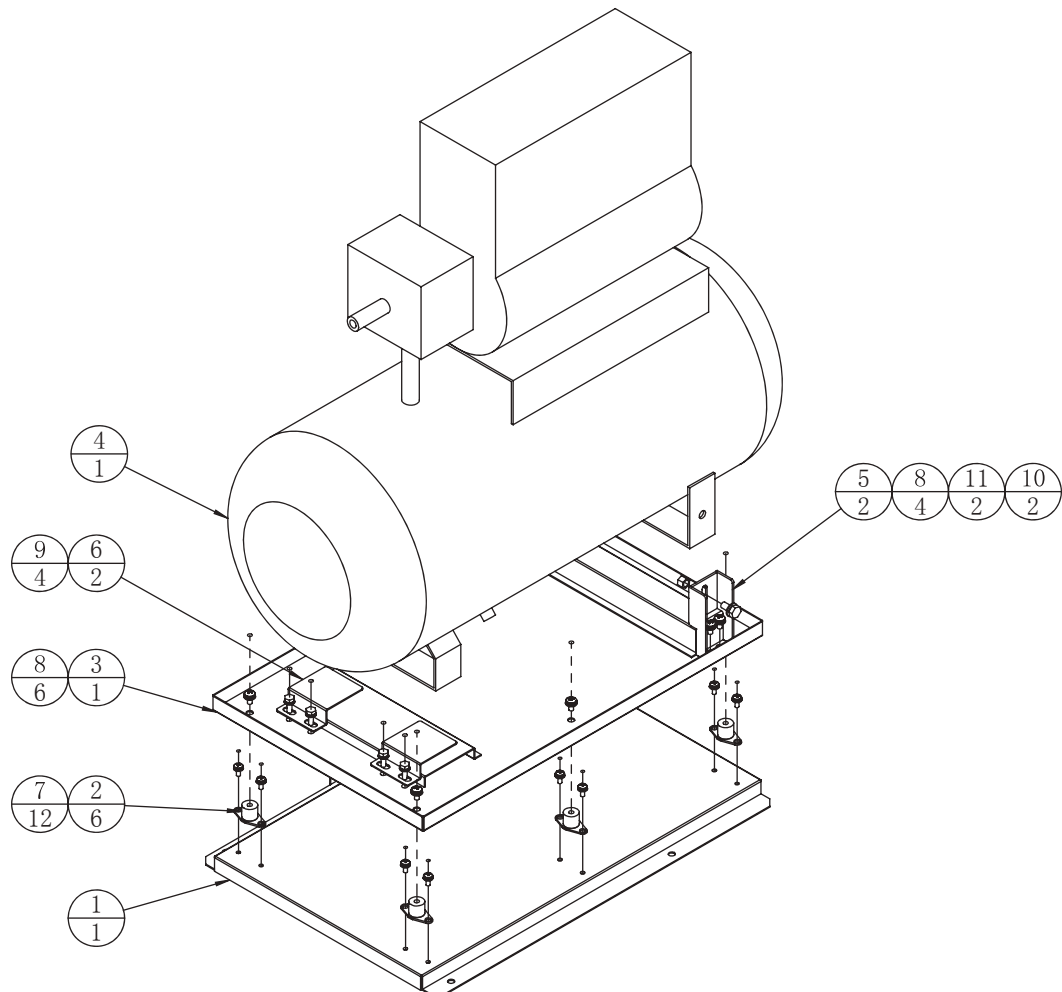
|     |              |                                                       |                |      |                |
|-----|--------------|-------------------------------------------------------|----------------|------|----------------|
| 11  |              | cross recessed fillister head three-combination screw | M3*8 (chrome)  | 3    |                |
| 10  |              | cross recessed fillister head three-combination screw | M4*12 (chrome) | 4    |                |
| 9   |              | cross recessed fillister head three-combination screw | M3*12 (chrome) | 12   |                |
| 8   |              | cross the big flat head self-drilling screw           | M3*12 (chrome) | 12   |                |
| 7   |              | Isolated NMOS driving board                           | OC-1279-00     | 1    | 1.4.IC903190   |
| 6   |              | Ac motor drive board                                  | MF-E-1140-01   | 1    | 1.4.IC903210   |
| 5   |              | I-holder                                              | M3mm           | 12   | 1.9.LX103010   |
| 4   |              | Air compressor power supply detection board           | NI-A-1275-00   | 1    | 1.4.IC903200   |
| 3   | AST-0101A10  | Long fixing plate at the bottom of power box          | SECC-1.2T      | 2    | 1.1.AN17A00310 |
| 2   |              | power supply                                          | LRS-100-12     | 1    | 1.4.DY170120   |
| 1   | A9DX-0109B01 | Drive motor fixing plate                              | MDF-12.0T      | 1    | 1.2.IG39A00050 |
| No. | Draw No.     | Name                                                  | Material/Spec. | Qty. | Product Code   |

### 6.3.10 Power-in assembly (A9DX-0110000)



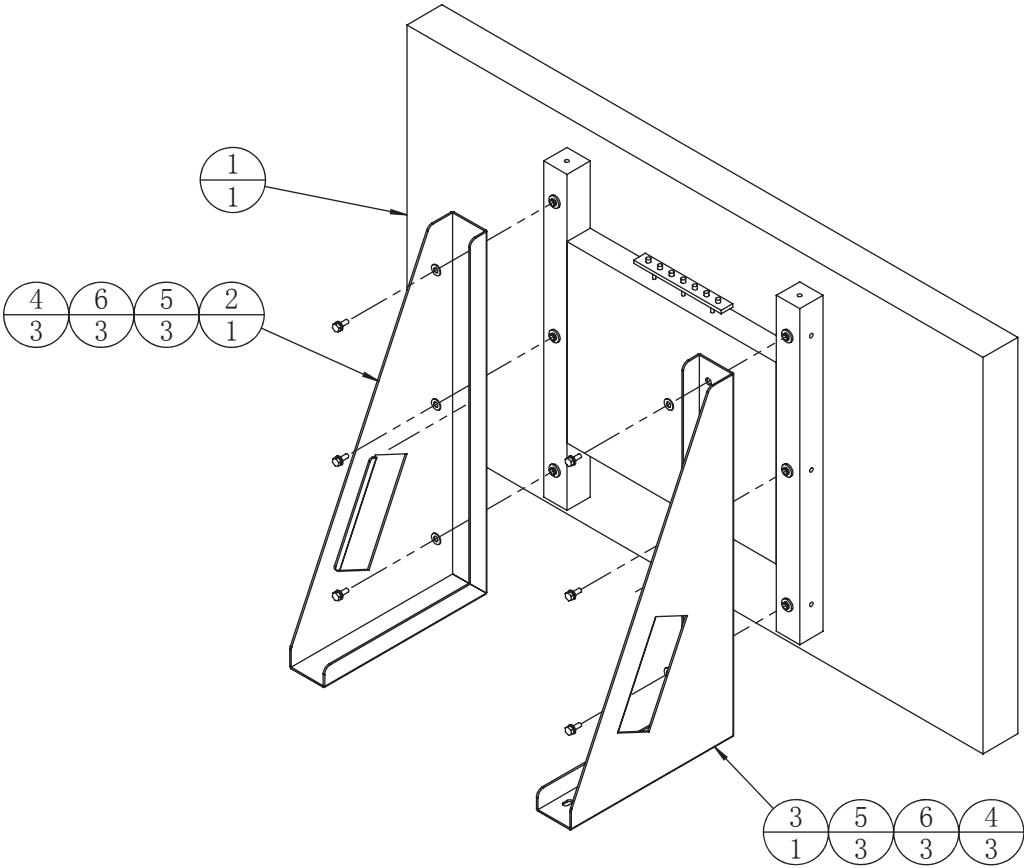
|     |              |                                                       |                       |      |                |
|-----|--------------|-------------------------------------------------------|-----------------------|------|----------------|
| 11  |              | cross recessed fillister head three-combination screw | M5*12 (chrome)        | 4    |                |
| 10  |              | cross the big flat head self-drilling screw           | M3*12 (chrome)        | 2    |                |
| 9   |              | hex head cap screw                                    | M4 (Colour)           | 10   |                |
| 8   |              | cross recessed fillister head three-combination screw | M4*20 (chrome)        | 2    |                |
| 7   |              | cross recessed fillister head three-combination screw | M4*12 (chrome)        | 4    |                |
| 6   |              | Terminal                                              | TB2504                | 1    | 1.5.XC401030   |
| 5   | WAH-0000A13  | Ground cable plate                                    | SECC-1.5T             | 1    | 1.1.AA09000130 |
| 4   |              | Single-phase control transformer                      | EI-133*100(H50 0.5MM) | 1    | 1.4.BY305040   |
| 3   |              | Ac contactor                                          | S-P30TH 220V          | 1    | 1.4.ZD200010   |
| 2   |              | Exposed a multi-purpose socket                        | 20A/250V              | 1    | 1.4.IC220020   |
| 1   | A9DX-0110B01 | Power-in fixed template                               | MDF-12.0T             | 1    | 1.2.IG39A00060 |
| No. | Draw No.     | Name                                                  | Material/Spec.        | Qty. | Product Code   |

### 6.3.11 Air compressor assembly(A9DX-0111000)



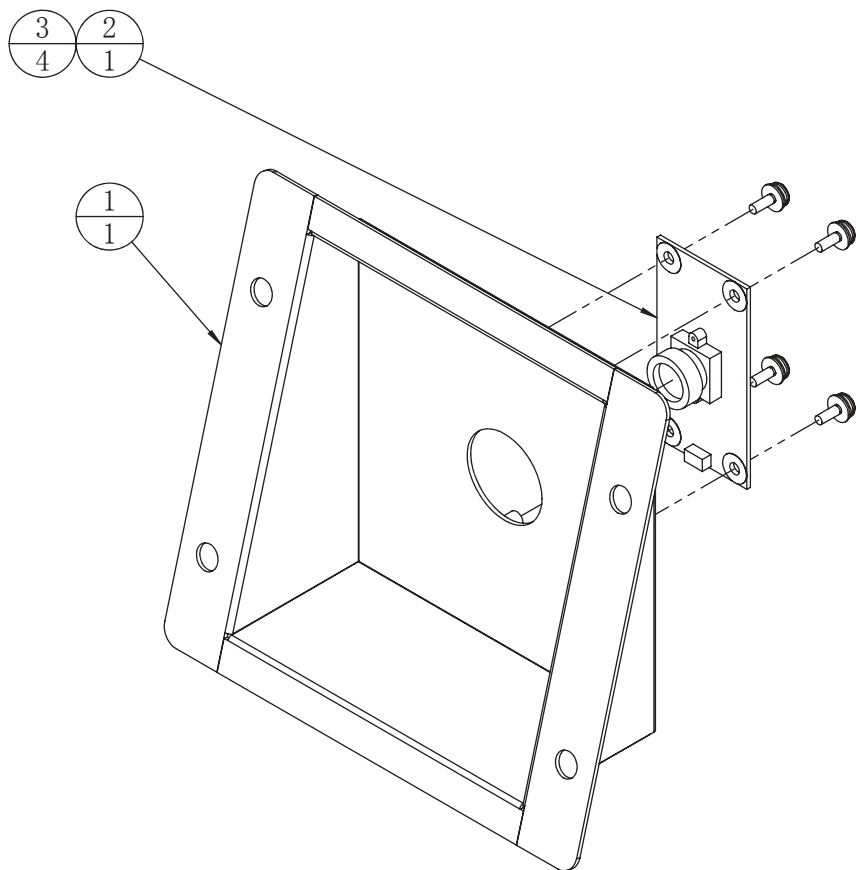
|     |             |                                                       |                    |      |                |
|-----|-------------|-------------------------------------------------------|--------------------|------|----------------|
| 11  |             | Hexagon triple combination                            | 8*16*16*1.5(Black) | 2    |                |
| 10  |             | Self-Locking Nuts                                     | M8 (Galvanization) | 2    |                |
| 9   |             | Hexagon triple combination                            | 6*16*12*1.2(Black) | 4    |                |
| 8   |             | cross recessed fillister head three-combination screw | M6*12 (Black)      | 10   |                |
| 7   |             | cross recessed fillister head three-combination screw | M5*12 (Black)      | 12   |                |
| 6   | HXD-0103A03 | air compressor pressure iron                          | SPCC-1.5T          | 2    | 1.1.IG19G00160 |
| 5   | SRH-0108A02 | air compressor fixed iron                             | SPCC-2.5T          | 2    | 1.1.WA16C00230 |
| 4   |             | air compressor                                        | S10(AC220V)        | 1    | 1.4.KY100030   |
| 3   | HXD-0103A02 | air compressor support set                            |                    | 1    | 1.1.IG19G00150 |
| 2   |             | lanhe shaped foot shock                               |                    | 6    | 1.8.AA000250   |
| 1   | HXD-0103A01 | air compressor shockproof seat                        |                    | 1    | 1.1.IG19G00140 |
| No. | Draw No.    | Name                                                  | Material/Spec.     | Qty. | Product Code   |

### 6.3.12 Assembly of LCD(A9DX-0112000)



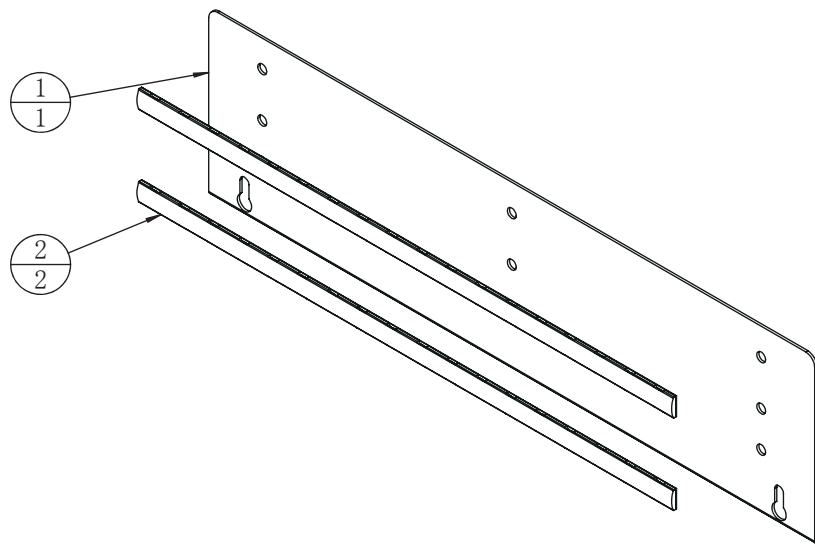
|     |              |                            |                    |      |                |
|-----|--------------|----------------------------|--------------------|------|----------------|
| 6   |              | Nylon Wah                  | WS7-1              | 6    | 1.4.DC102210   |
| 5   |              | Transistor gasket          | TW-109             | 6    | 1.4.DC102220   |
| 4   |              | Hexagon triple combination | 6*16*12*1.2(Black) | 6    |                |
| 3   | A9DX-0112A02 | Screen fixing frame -R     | SPCC-2.5T          | 1    | 1.1.IG39A00190 |
| 2   | A9DX-0112A01 | Screen fixing frame -L     | SPCC-2.5T          | 1    | 1.1.IG39A00180 |
| 1   |              | Liquid crystal display     | 43 "               | 1    | 1.4.XS405820   |
| No. | Draw No.     | Name                       | Material/Spec.     | Qty. | Product Code   |

### 6.3.13 Camera assembly(A9DX-0113000)



|     |               |                                                       |                                                                                                  |      |                |
|-----|---------------|-------------------------------------------------------|--------------------------------------------------------------------------------------------------|------|----------------|
| 3   |               | cross recessed fillister head three-combination screw | M3*8 (chrome)                                                                                    | 4    |                |
| 2   | 0991-50000223 | camera                                                | USB2.0 High Speed, Male End Cable Length 250cm, 2.0m PC Camer, Resolution :1920*1080,FW:Rev_0200 | 1    | 1.3.IG39A00050 |
| 1   | A9DX-0113A01  | Camera bracket                                        | SPCC-1.2T                                                                                        | 1    | 1.1.IG39A00200 |
| No. | Draw No.      | Name                                                  | Material/Spec.                                                                                   | Qty. | Product Code   |

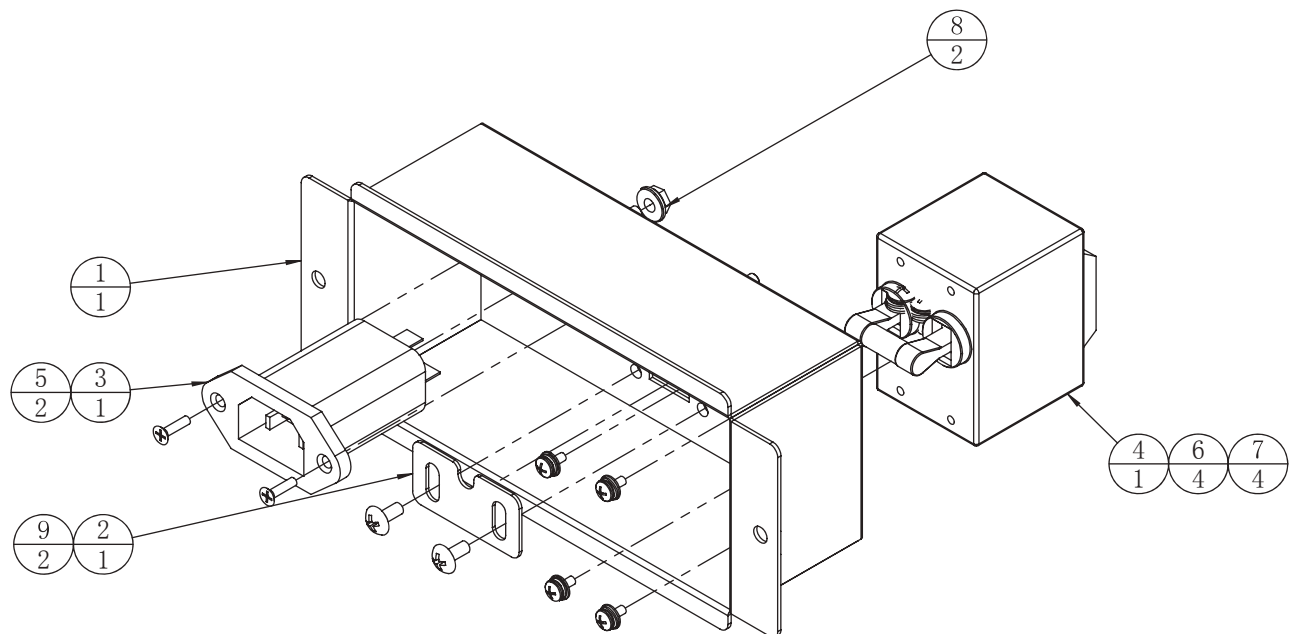
### 6.3.14 Light box & light bar assembly(A9DX-0114000)



|     |              |                                |                        |      |                |
|-----|--------------|--------------------------------|------------------------|------|----------------|
| 2   |              | 5050 strip light               | DC12V 60 Light L=300mm | 2    | 1.4.ZM9E0026   |
| 1   | A9DX-0114A01 | Light box article lamp bracker | SECC-1.2T              | 1    | 1.1.IG39A00210 |
| No. | Draw No.     | Name                           | Material/Spec.         | Qty. | Product Code   |

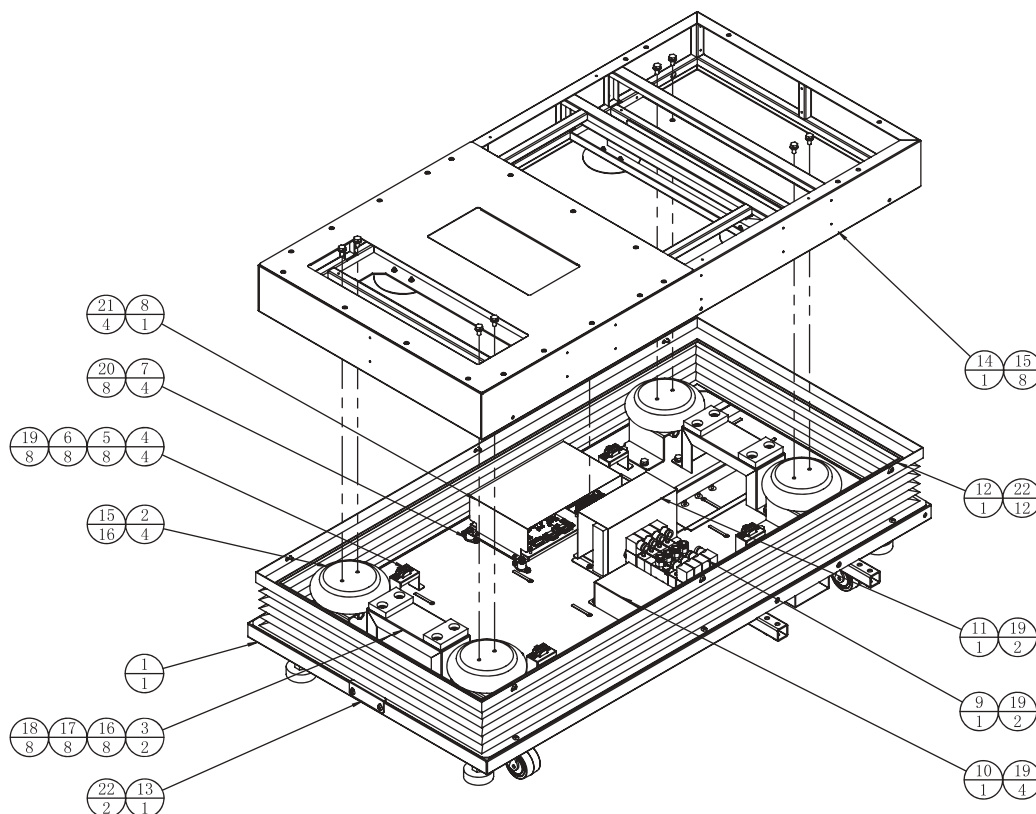


### 6.3.15 Filter assembly II(A9DX-0115000)



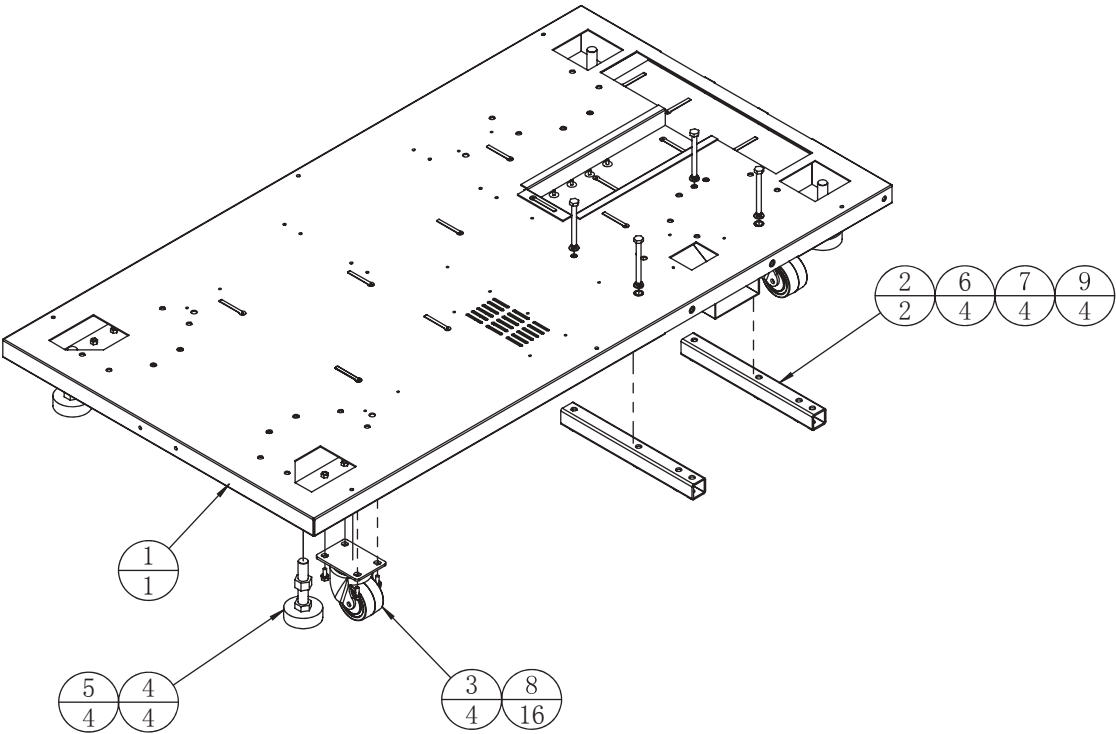
|     |              |                                                       |                    |      |                |
|-----|--------------|-------------------------------------------------------|--------------------|------|----------------|
| 9   |              | cross the big flat head screw                         | M4*8 (Black)       | 2    |                |
| 8   |              | hex head cap screw                                    | M4 (Colour)        | 2    |                |
| 7   |              | cross recessed fillister head three-combination screw | M4*8 (chrome)      | 4    |                |
| 6   |              | cross recessed fillister head three-combination screw | M3*6 (chrome)      | 4    |                |
| 5   |              | cross recessed countersunk head screws                | M3*10 (Black)      | 2    |                |
| 4   |              | leakage protection switch (double row)                | HD30-2PAC 250V/15A | 1    | 1.4.SW804011   |
| 3   |              | filter                                                | YB11A2-15A-Q       | 1    | 1.4.LB100080   |
| 2   | A9DX-0102A02 | Net wire fixing plate                                 | SPCC-1.0T          | 1    | 1.1.IG39A00150 |
| 1   | A9DX-0102A01 | Filter fixing plate                                   | SPCC-1.2T          | 1    | 1.1.IG39A00140 |
| No. | Draw No.     | Name                                                  | Material/Spec.     | Qty. | Product Code   |

## 6.4 Vivid platform assembly (A9DX-0200000)



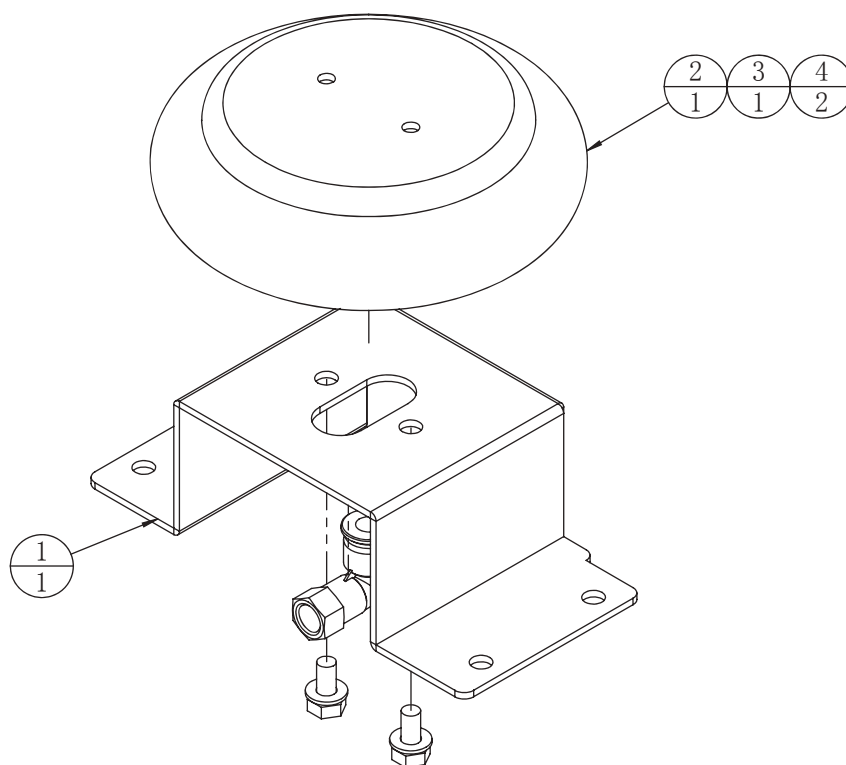
|     |              |                                                       |                    |      |                |
|-----|--------------|-------------------------------------------------------|--------------------|------|----------------|
| 22  |              | cross the big flat head screw                         | M6*12 (Black)      | 14   |                |
| 21  |              | cross recessed fillister head three-combination screw | M6*12 (Black)      | 4    |                |
| 20  |              | cross recessed fillister head three-combination screw | M5*12 (Black)      | 8    |                |
| 19  |              | cross recessed fillister head three-combination screw | M4*12 (Black)      | 16   |                |
| 18  |              | spring washer                                         | M8 (Black)         | 8    |                |
| 17  |              | plain washers                                         | φ8*φ16*2.0 (Black) | 8    |                |
| 16  |              | external hex socket screw                             | M8*50 (Black)      | 8    |                |
| 15  |              | Hexagon triple combination                            | 8*16*16*1.5(Black) | 24   |                |
| 14  | A9DX-0208000 | Platform upper seat                                   |                    | 1    | 1.1.IG39A00310 |
| 13  | HXD-0200A02  | Dust cover plate                                      | SPCC-1.5T          | 1    | 1.1.IG19G00280 |
| 12  | SRH-0200A01  | dust cover                                            |                    | 1    | 1.1.WA16C00320 |
| 11  | A9DX-0207000 | Base power box assembly                               |                    | 1    |                |
| 10  | A9DX-0200A01 | Solenoid valve cover plate                            | SPCC-1.2T          | 1    | 1.1.IG39A00220 |
| 9   | A9DX-0206000 | Solenoid valve base assembly                          |                    | 1    |                |
| 8   | A9DX-0205000 | Base IO board assembly                                |                    | 1    |                |
| 7   |              | lanhe shaped foot shock                               |                    | 4    | 1.8.AA000250   |
| 6   |              | The nylon washer                                      | WS7-1              | 8    | 1.4.DC102210   |
| 5   |              | Transistor gasket                                     | TW-102             | 8    | 1.4.DC102230   |
| 4   | A9DX-0204000 | Platform sensor assembly                              |                    | 4    |                |
| 3   | A9DX-0203000 | Platform support frame assembly                       |                    | 2    |                |
| 2   | A9DX-0202000 | Air bag assembly                                      |                    | 4    |                |
| 1   | A9DX-0201000 | Platform bottom assembly                              |                    | 1    |                |
| No. | Draw No.     | Name                                                  | Material/Spec.     | Qty. | Product Code   |

### 6.4.1 Platform bottom assembly (A9DX-0201000)



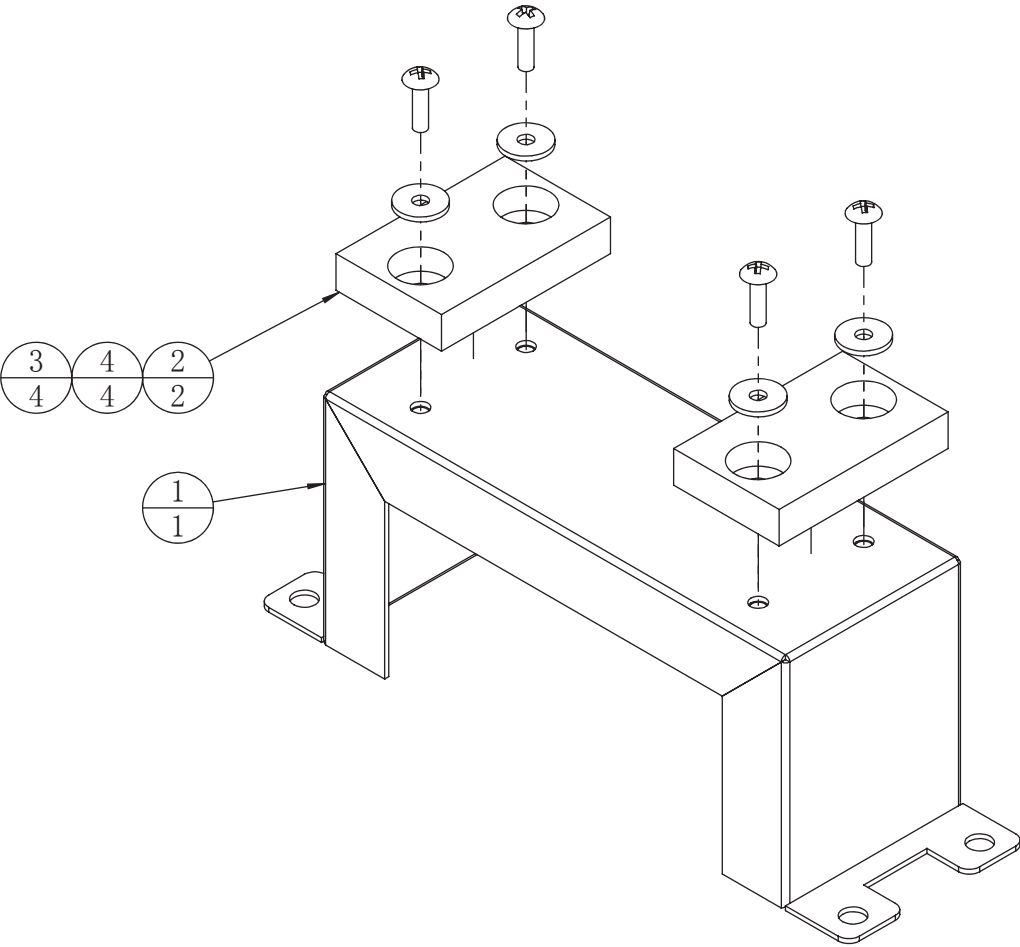
|     |              |                                 |                                     |      |                |
|-----|--------------|---------------------------------|-------------------------------------|------|----------------|
| 9   |              | spring washer                   | M8 (Black)                          | 4    |                |
| 8   |              | Hexagon triple combination      | 6*16*12*1.2(Black)                  | 16   |                |
| 7   |              | plain washers                   | φ8*φ16*2.0 (Black)                  | 4    |                |
| 6   |              | external hex socket screw       | M8*80 (Black)                       | 4    |                |
| 5   |              | hexagon nut                     | M16 (Colour)                        | 4    |                |
| 4   |              | anchor bolt (rubber bottom)     | M16*100(Colour)                     | 4    |                |
| 3   |              | casters                         | 2.5 inch low center of gravity type | 4    | 1.4.JL302520   |
| 2   | A9DX-0201A02 | Connecting pipe of base cashbox | Square tube 30*30*3.0               | 2    | 1.1.IG39A00240 |
| 1   | A9DX-0201A01 | Platform base                   |                                     | 1    | 1.1.IG39A00230 |
| No. | Draw No.     | Name                            | Material/Spec.                      | Qty. | Product Code   |

## 6.4.2 Air bag assembly (A9DX-0202000)



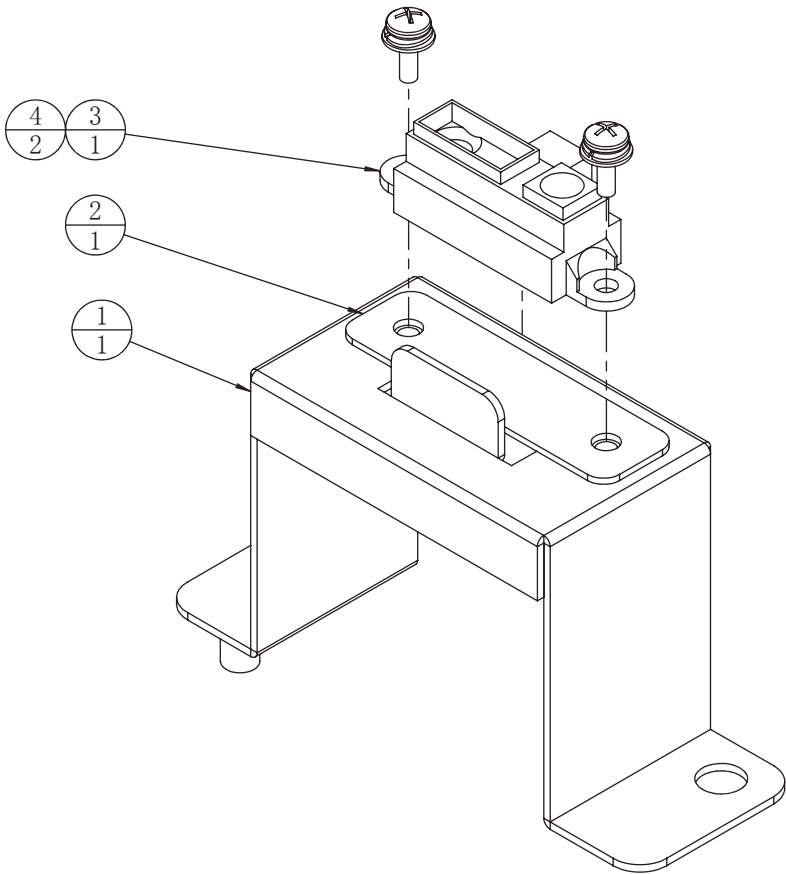
|     |              |                               |                    |      |                |
|-----|--------------|-------------------------------|--------------------|------|----------------|
| 4   |              | Hexagon triple combination    | 8*16*16*1.5(Black) | 2    |                |
| 3   |              | I type screw thread connector | APL10-02           | 1    | 1.4.JG072110   |
| 2   |              | air bag                       | 1B5002             | 1    | 1.4.QL000020   |
| 1   | A9DX-0202A01 | Airbag base                   | SPCC-3.0T          | 1    | 1.1.IG39A00250 |
| No. | Draw No.     | Name                          | Material/Spec.     | Qty. | Product Code   |

6.4.3 Platform support frame assembly (A9DX-0203000)



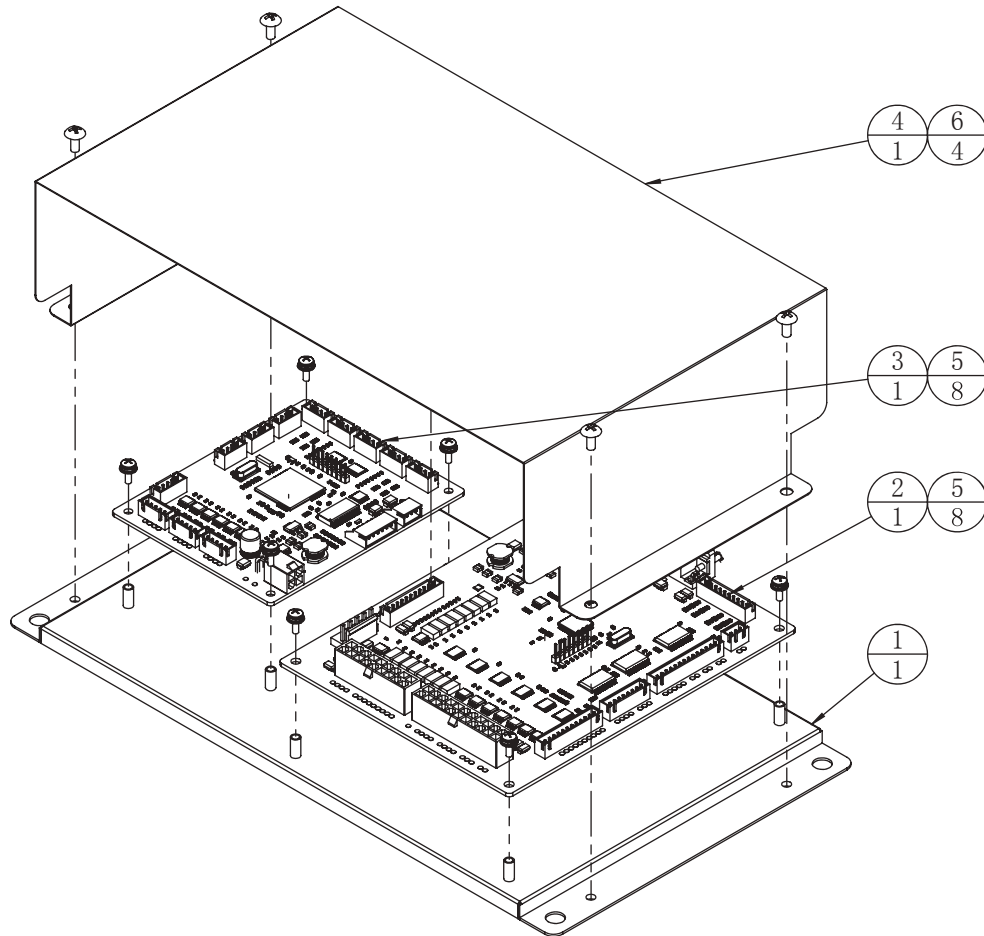
|     |              |                               |                                            |      |                |
|-----|--------------|-------------------------------|--------------------------------------------|------|----------------|
| 4   |              | plain washers                 | $\Phi 6 \times \Phi 20 \times 2.0$ (Black) | 4    |                |
| 3   |              | cross the big flat head screw | M6*20 (Black)                              | 4    |                |
| 2   | A9DX-0203C01 | Support superior glue         | Youlijiao                                  | 2    | 1.8.IG39A00010 |
| 1   | A9DX-0203A01 | Platform support frame        | SPCC-2.0T                                  | 1    | 1.1.IG39A00260 |
| No. | Draw No.     | Name                          | Material/Spec.                             | Qty. | Product Code   |

# 6.4.4 Platform sensor assembly (A9DX-0204000)



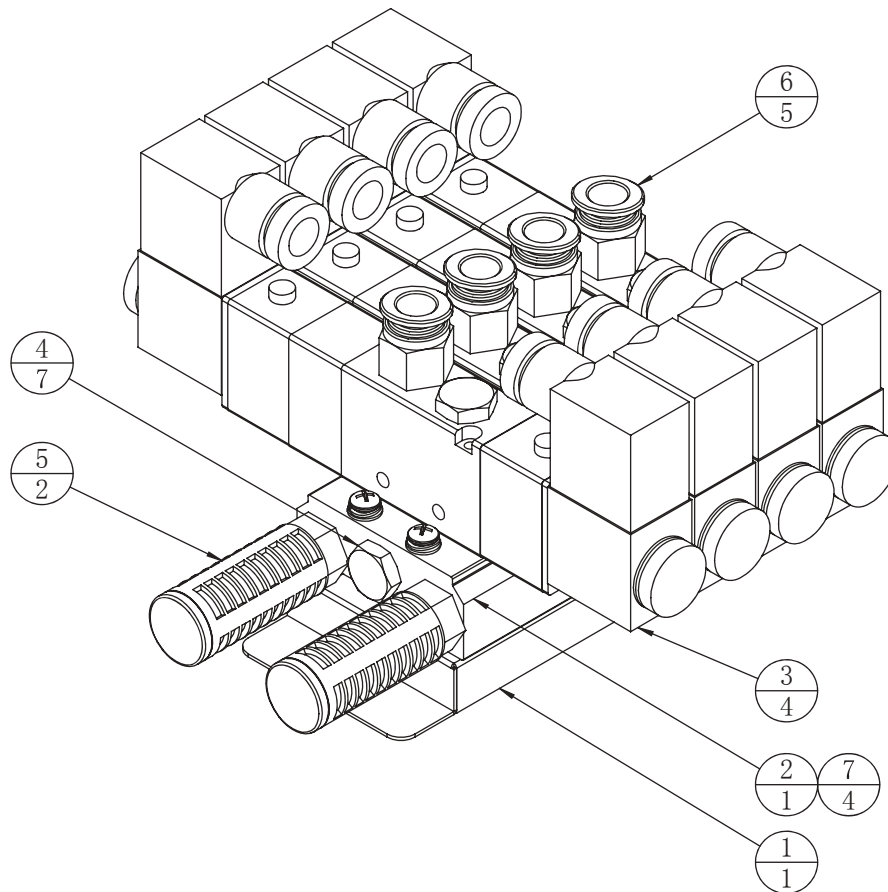
|     |              |                                                       |                          |      |                |
|-----|--------------|-------------------------------------------------------|--------------------------|------|----------------|
| 4   |              | cross recessed fillister head three-combination screw | M3*8 (Black)             | 2    |                |
| 3   |              | sensor                                                | GP2Y0A41SK0F (5V,4~30cm) | 1    | 1.4.GY100040   |
| 2   | A9DX-0204D01 | Sensor PVC gasket                                     | PVC-1.0T                 | 1    | 1.7.IG39A00020 |
| 1   | A9DX-0204A01 | Sensor fixing seat                                    | SPCC-1.2T                | 1    | 1.1.IG39A00270 |
| No. | Draw No.     | Name                                                  | Material/Spec.           | Qty. | Product Code   |

## 6.4.5 Base IO board assembly (A9DX-0205000)



|     |               |                                                       |                |      |                |
|-----|---------------|-------------------------------------------------------|----------------|------|----------------|
| 6   |               | cross the big flat head screw                         | M4*8 (chrome)  | 4    |                |
| 5   |               | cross recessed fillister head three-combination screw | M3*8 (chrome)  | 8    |                |
| 4   | A9DX-0205D01  | IO board protective cover                             | PVC-0.5T       | 1    | 1.7.IG39A00030 |
| 3   | 5651-00000170 | lamp control board                                    | MU-#-0(RoHS)   | 1    | 1.3.IG39A00040 |
| 2   | 5651-00000112 | Air compressor system control panel                   | LP-#-0(ROHS)   | 1    | 1.3.IG39A00020 |
| 1   | A9DX-0205A01  | Platform IO board bracket                             | SECC-1.0T      | 1    | 1.1.IG39A00280 |
| No. | Draw No.      | Name                                                  | Material/Spec. | Qty. | Product Code   |

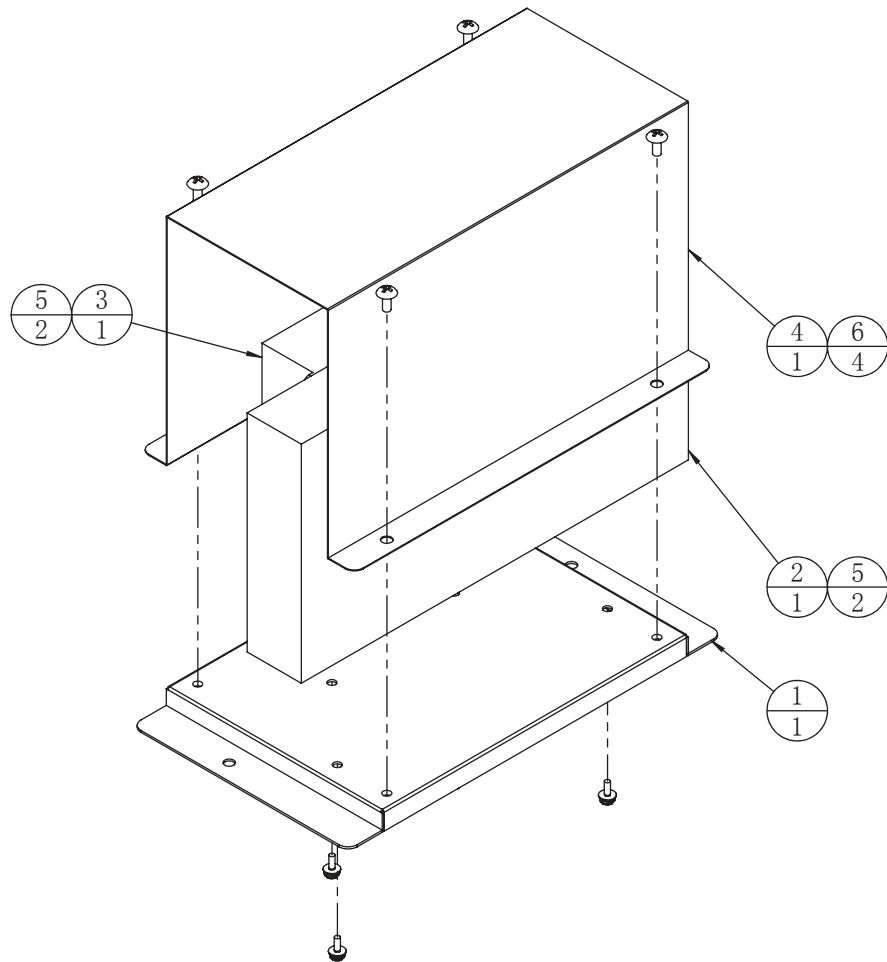
## 6.4.6 Solenoid valve base assembly (A9DX-0206000)



| 7   |              | cross recessed fillister head three-combination screw | M4*30 (chrome) | 4    |                |
|-----|--------------|-------------------------------------------------------|----------------|------|----------------|
| 6   |              | screw thread direct connector                         | APC10-02       | 5    | 1.4.JG082030   |
| 5   |              | silencer                                              | PAL02          | 2    | 1.4.YSE00040   |
| 4   |              | hose nippler                                          | BZ02           | 7    | 1.4.JG09A060   |
| 3   |              | solenoid valve                                        | 4V230C-08-F    | 4    | 1.4.DC300050   |
| 2   |              | pneumatic control valve base                          | 200M-4F        | 1    | 1.4.QC000030   |
| 1   | A9DX-0206A01 | Electromagnetic valve fixing frame                    | SECC-1.0T      | 1    | 1.1.IG39A00290 |
| No. | Draw No.     | Name                                                  | Material/Spec. | Qty. | Product Code   |

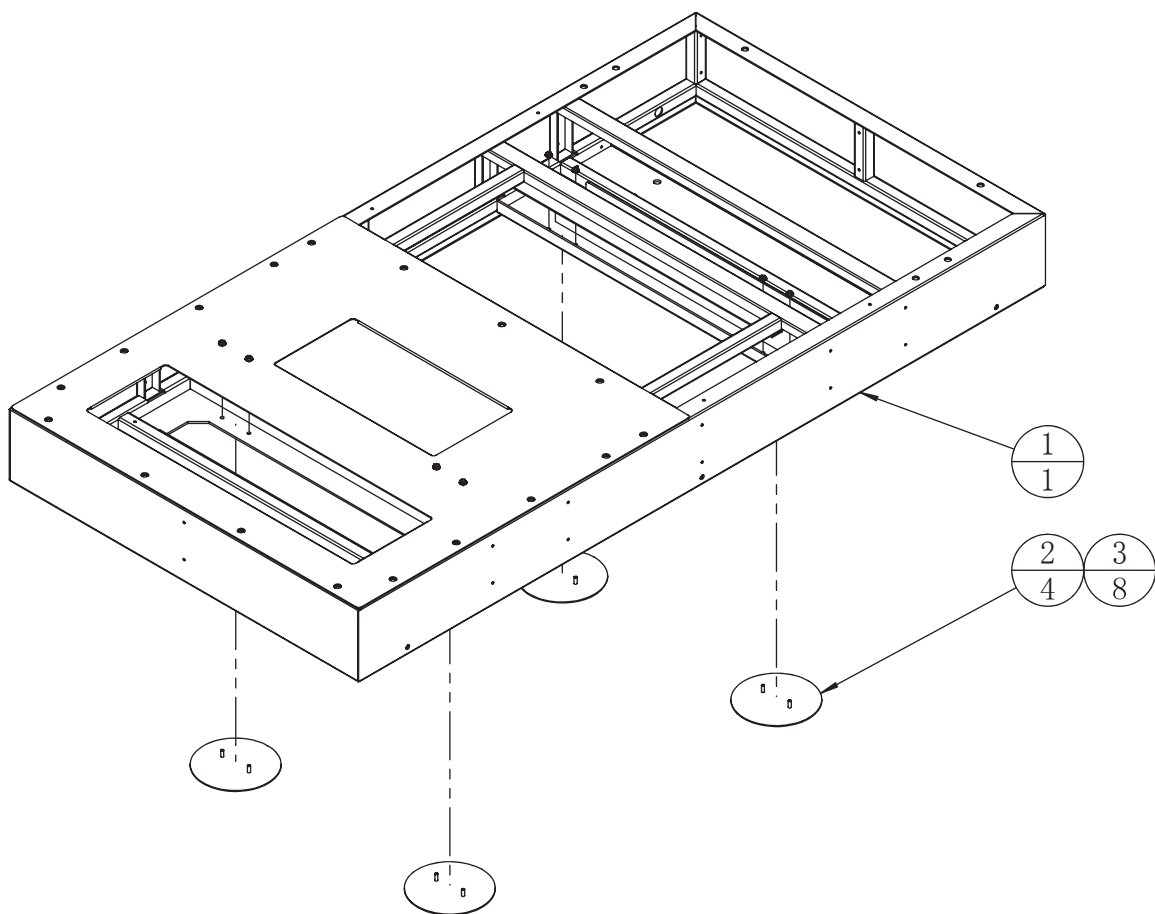


# 6.4.7 Base power box assembly (A9DX-0207000)



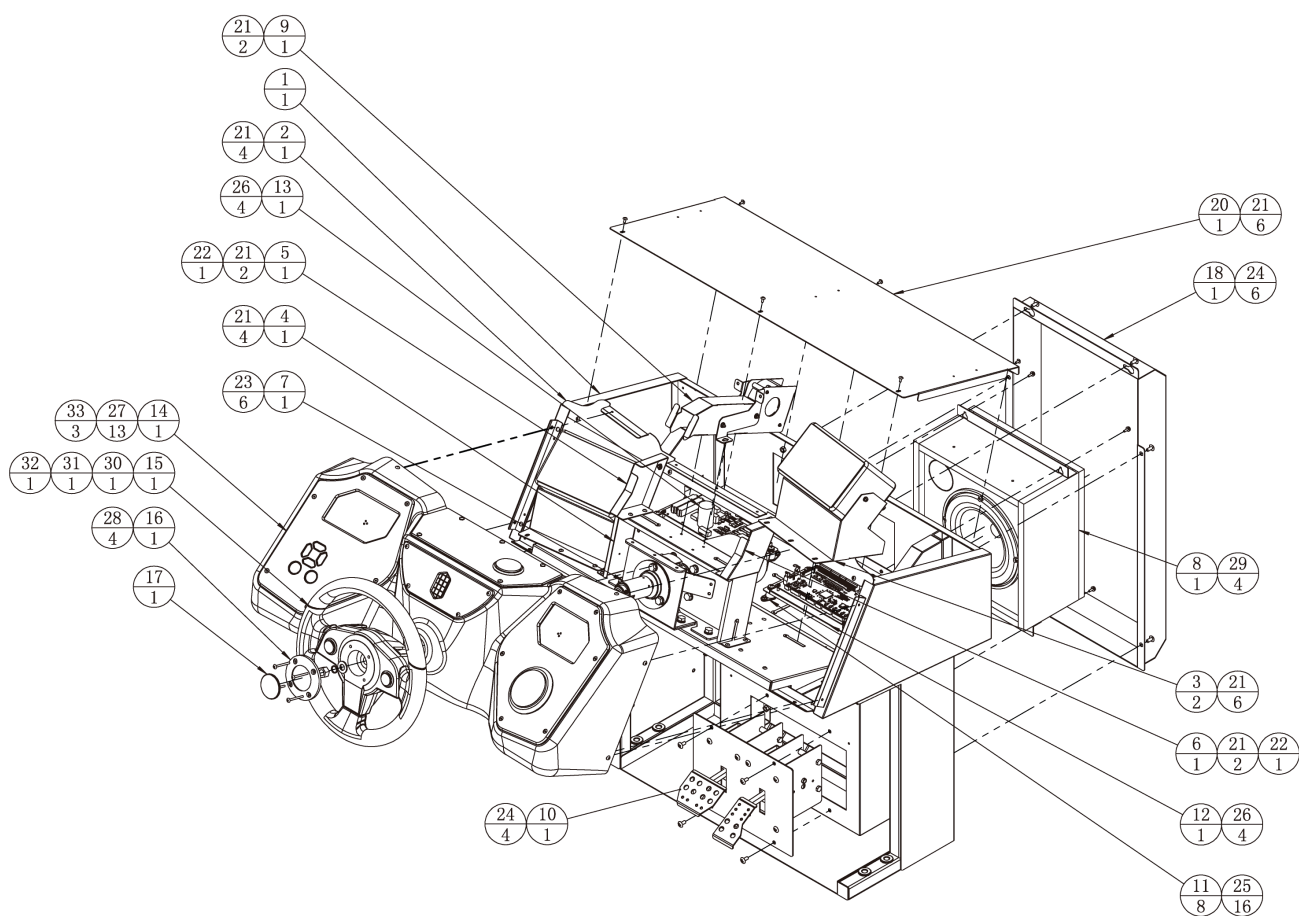
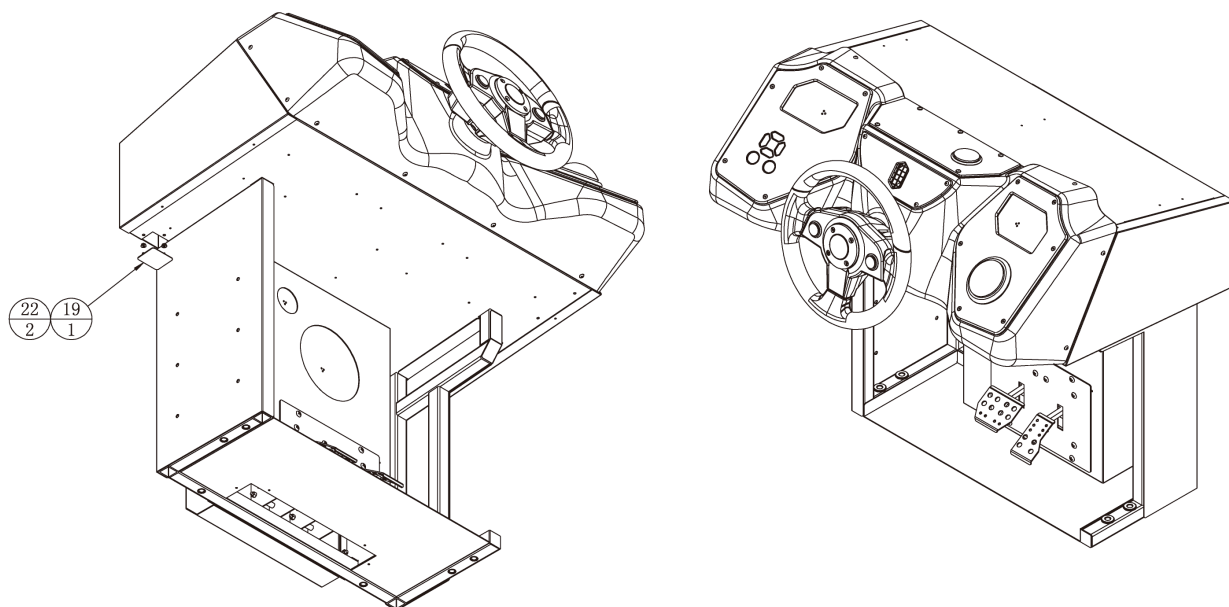
|     |              |                                                       |                |      |                |
|-----|--------------|-------------------------------------------------------|----------------|------|----------------|
| 6   |              | cross the big flat head screw                         | M4*8 (chrome)  | 4    |                |
| 5   |              | cross recessed fillister head three-combination screw | M3*8 (chrome)  | 4    |                |
| 4   | A9DX-0207D01 | Protective cover of power box                         | PVC-0.5T       | 1    | 1.7.IG39A00040 |
| 3   |              | power supply                                          | LRS-100-12     | 1    | 1.4.DY170120   |
| 2   |              | power supply                                          | LRS-350-12     | 1    | 1.4.DY020060   |
| 1   | A9DX-0207A01 | Platform power support                                | SECC-1.0T      | 1    | 1.1.IG39A00300 |
| No. | Draw No.     | Name                                                  | Material/Spec. | Qty. | Product Code   |

6.4.8 Platform gate (A9DX-0208000)



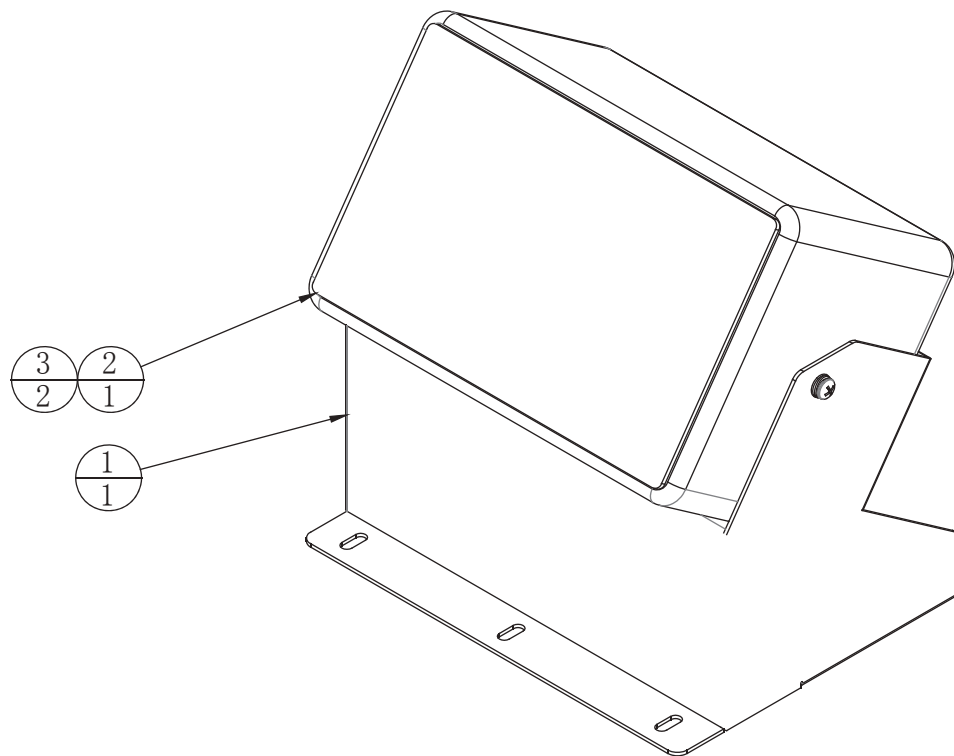
|     |              |                                |                |      |                |
|-----|--------------|--------------------------------|----------------|------|----------------|
| 3   |              | hex head cap screw             | M4 (Colour)    | 8    |                |
| 2   | A9DX-0208A02 | Circular induction sheet metal | SPCC-1.5T      | 4    | 1.1.IG39A00320 |
| 1   | A9DX-0208A01 | Platform upper seat            |                | 1    | 1.1.IG39A00310 |
| No. | Draw No.     | Name                           | Material/Spec. | Qty. | Product Code   |

## 6.5 Console assembly(A9DX-0300000 )



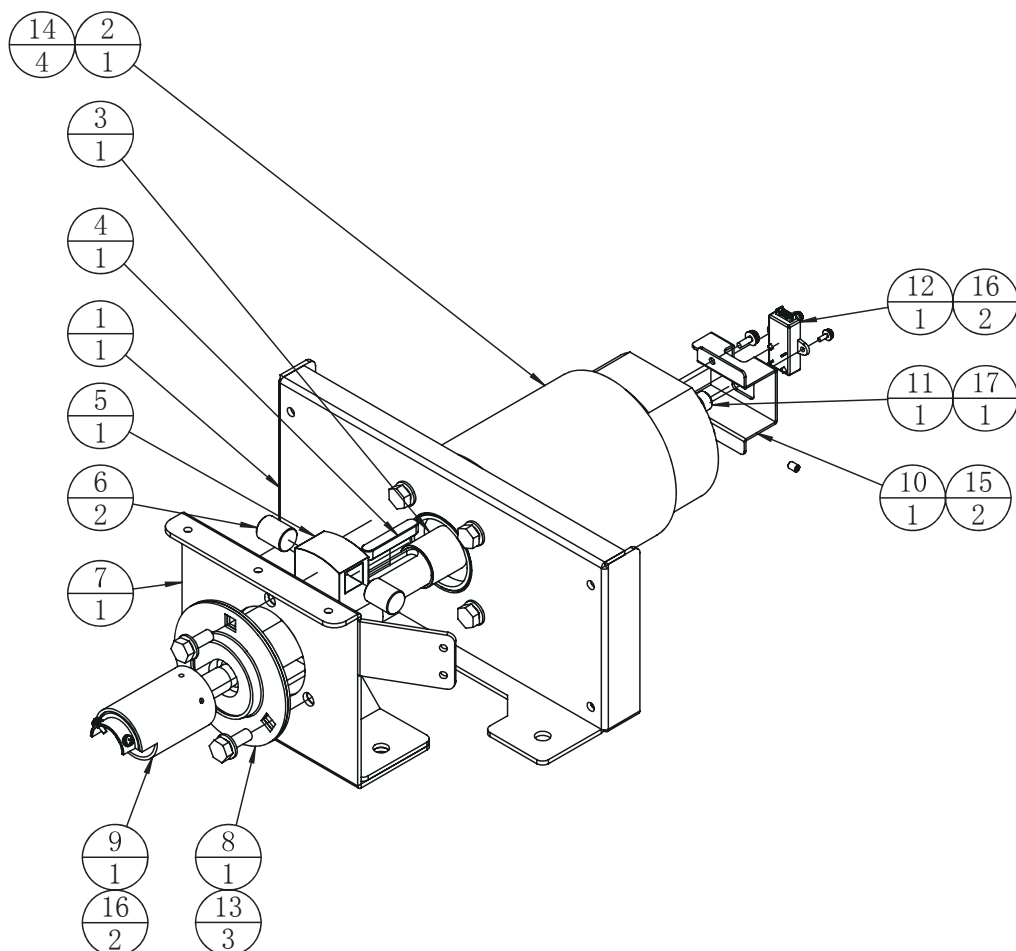
| 33  |              | flat gasket                                           | Φ4*Φ10*1.0 (chrome)  | 3    |                |
|-----|--------------|-------------------------------------------------------|----------------------|------|----------------|
| 32  |              | plain washers                                         | φ12*φ24*2.0 (chrome) | 1    |                |
| 31  |              | spring washer                                         | M12 (Black)          | 1    |                |
| 30  |              | hexagon nut                                           | M12 (Black)          | 1    |                |
| 29  |              | cross recessed fillister head three-combination screw | M4*12 (Black)        | 4    |                |
| 28  |              | hex socket cap screws                                 | M4*40 (chrome)       | 4    |                |
| 27  |              | hex socket cap screws                                 | M4*12 (chrome)       | 13   |                |
| 26  |              | cross recessed fillister head three-combination screw | M6*12 (Black)        | 8    |                |
| 25  |              | hex head cap screw                                    | M5 (Colour)          | 16   |                |
| 24  |              | cross the big flat head screw                         | M6*12 (Black)        | 10   |                |
| 23  |              | Hexagon triple combination                            | 8*20*16*1.5(Black)   | 6    |                |
| 22  |              | hex head cap screw                                    | M4 (Colour)          | 2    |                |
| 21  |              | cross the big flat head screw                         | M4*8 (Black)         | 26   |                |
| 20  | A9DX-0300A07 | Control desk cover plate                              |                      | 1    | 1.1.IG39A00390 |
| 19  | A9DX-0300A08 | Over-the-wire baffle of banknote machine              |                      | 1    | 1.1.IG39A01020 |
| 18  | A9DX-0300A06 | Low speaker back cover                                | SPCC-1.5T            | 1    | 1.1.IG39A00380 |
| 17  | A9DX-P0014   | steering wheel acryl                                  | PMMA-3.0T            | 1    | 1.7.IG39A00250 |
| 16  | A9DX-0300C01 | steering wheel decorate plastic                       | ABS                  | 1    | 1.8.IG39A00020 |
| 15  | A9DX-0308000 | Steering wheel assembly                               |                      | 1    |                |
| 14  | A9DX-0307000 | Plastic-forming console assembly                      |                      | 1    |                |
| 13  | A9DX-0306000 | Motor control panel assembly                          |                      | 1    |                |
| 12  | A9DX-0305000 | Console IO board assembly                             |                      | 1    |                |
| 11  |              | lanhe shaped foot shock                               |                      | 8    | 1.8.AA000250   |
| 10  | LT-0000000   | Vertical induction foot                               |                      | 1    |                |
| 9   | A9DX-0304000 | Blower assembly for console                           |                      | 1    |                |
| 8   | A9DX-0303000 | Console woofer assembly                               |                      | 1    |                |
| 7   | A9DX-0302000 | Steering wheel motor assembly                         |                      | 1    |                |
| 6   | A9DX-0300A05 | Steering wheel right bracket                          | SPCC-1.5T            | 1    | 1.1.IG39A00370 |
| 5   | A9DX-0300A04 | Steering wheel left bracket                           | SPCC-1.5T            | 1    | 1.1.IG39A00360 |
| 4   | A9DX-0300A03 | Steering wheel support frame                          | SPCC-1.5T            | 1    | 1.1.IG39A00350 |
| 3   | A9DX-0301000 | Console speaker assembly                              |                      | 2    |                |
| 2   | A9DX-0300A02 | Control desk blister support                          | SPCC-1.5T            | 1    | 1.1.IG39A00340 |
| 1   | A9DX-0300A01 | Control desk frame                                    |                      | 1    | 1.1.IG39A00330 |
| No. | Draw No.     | Name                                                  | Material/Spec.       | Qty. | Product Code   |

6.5.1 Console speaker assembly(A9DX-0301000 )



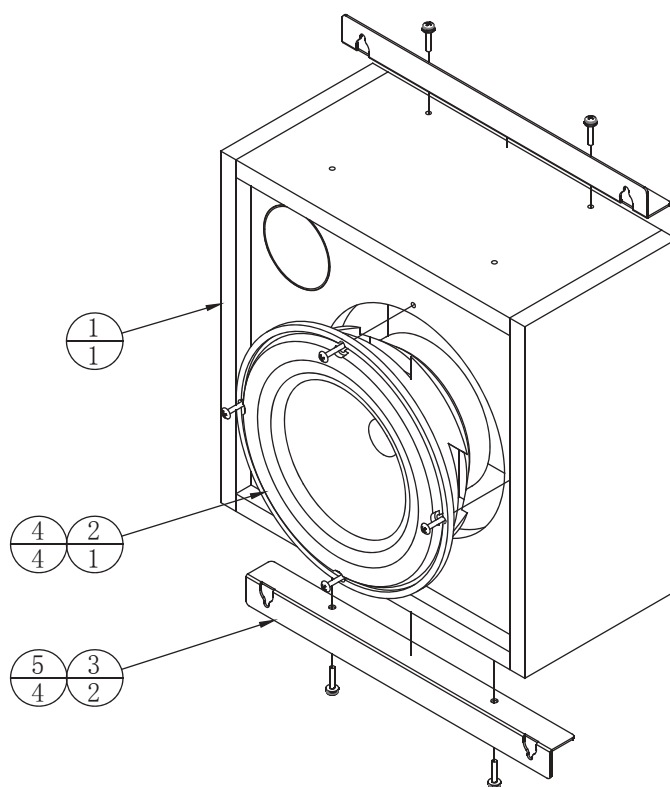
|     |              |                                                       |                         |      |                |
|-----|--------------|-------------------------------------------------------|-------------------------|------|----------------|
| 3   |              | cross recessed fillister head three-combination screw | M4*12 (Black)           | 2    |                |
| 2   |              | loudspeaker 4"                                        | 4 " 4Ω 25W (JK-BX-96HW) | 1    | 1.4.YSD00010   |
| 1   | A9DX-0301A01 | Horn bracket                                          | SPCC-1.5T               | 1    | 1.1.IG39A00400 |
| No. | Draw No.     | Name                                                  | Material/Spec.          | Qty. | Product Code   |

## 6.5.2 Steering wheel motor assembly(A9DX-0302000)



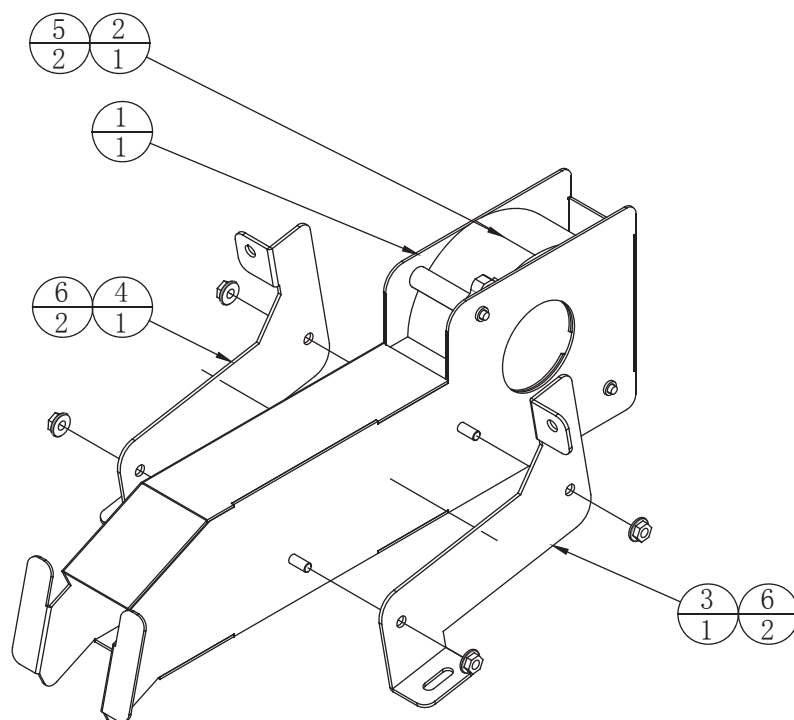
|     |               |                                                       |                                                                 |      |                 |
|-----|---------------|-------------------------------------------------------|-----------------------------------------------------------------|------|-----------------|
| 17  |               | Headless hexagon socket screw                         | M5*6 (Black)                                                    | 1    |                 |
| 16  |               | cross recessed fillister head three-combination screw | M3*8 (Black)                                                    | 4    |                 |
| 15  |               | cross recessed fillister head three-combination screw | M4*12 (Black)                                                   | 2    |                 |
| 14  |               | Hexagon triple combination                            | 8*16*16*1.5(Black)                                              | 4    |                 |
| 13  |               | Hexagon triple combination                            | 8*20*16*1.5(Black)                                              | 3    |                 |
| 12  | 0991-50000208 | non-contact angle sensor assy                         | Kemite,VR magnet fixed seat + magnet_electromagnetic VR cover + | 1    | 1.3.IG19A00030# |
| 11  | 0991-50000208 | non-contact angle sensor assy                         | Kemite,VR magnet fixed seat + magnet_electromagnetic VR cover + | 1    | 1.3.IG19A00030# |
| 10  | HXK-0113A02   | potentiometer mounted plate                           | SPCC-1.5T                                                       | 1    | 1.1.IG19A00410  |
| 9   | SD4-0800A01   | Assembly welding of steering wheel sleeve             |                                                                 | 1    | 1.1.IG04C00350  |
| 8   |               | bearing                                               | PF205                                                           | 1    | 1.4.ZC001010    |
| 7   | A9DX-0302A01  | steering wheel brace                                  |                                                                 | 1    | 1.1.IG39A00410  |
| 6   | SR1-0501A05   | Swing axle pads                                       | Youlijiao                                                       | 2    | 1.1.WA10A00260  |
| 5   | SR1-0501A04   | motor swing axle                                      | 45                                                              | 1    | 1.1.WA10A00250  |
| 4   | SR1-0501A03   | Swing axle key                                        | 45                                                              | 1    | 1.1.WA10A00240  |
| 3   | SR1-0501A02   | motor shaft case                                      | 45                                                              | 1    | 1.1.WA10A00230  |
| 2   |               | dc motors                                             | 112ZY100-40                                                     | 1    | 1.4.MD100022    |
| 1   | A9DX-0302A02  | motor mounted plate                                   | SPCC-3.0T                                                       | 1    | 1.1.IG39A00420  |
| No. | Draw No.      | Name                                                  | Material/Spec.                                                  | Qty. | Product Code    |

## 6.5.3 Console woofer assembly(A9DX-0303000)



|     |              |                                                       |                                                |      |                |
|-----|--------------|-------------------------------------------------------|------------------------------------------------|------|----------------|
| 5   |              | cross recessed fillister head three-combination screw | M4*20 (chrome)                                 | 4    |                |
| 4   |              | cross the big flat head screw                         | M4*25 (Black)                                  | 4    |                |
| 3   | A9DX-0303A01 | Low sound box fixing plate                            | SECC-1.5T                                      | 2    | 1.1.IG39A00430 |
| 2   |              | woofer                                                | Komet HIT-800W4Ω/60W(with anti-magnetic cover) | 1    | 1.4.YS604010   |
| 1   | A9DX-0303B01 | Bass wooden box                                       |                                                | 1    | 1.2.IG39A00070 |
| No. | Draw No.     | Name                                                  | Material/Spec.                                 | Qty. | Product Code   |

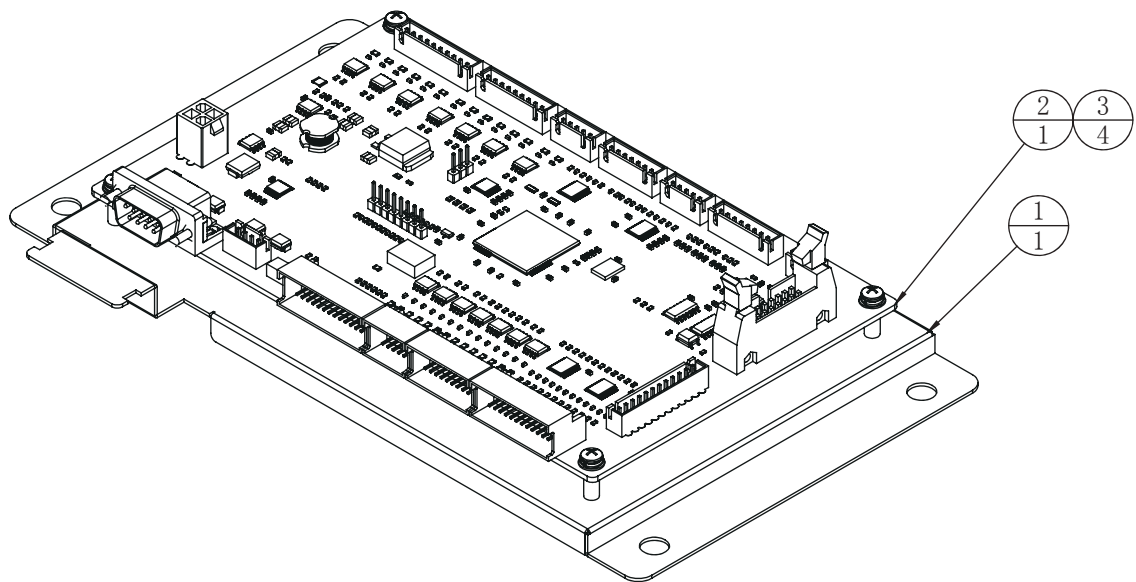
## 6.5.4 Blower assembly for console (A9DX-0304000)



| 6   |              | hex head cap screw            | M4 (Colour)    | 4    |                |
|-----|--------------|-------------------------------|----------------|------|----------------|
| 5   |              | cross the big flat head screw | M4*40 (Black)  | 2    |                |
| 4   | A9DX-0304A03 | Left air outlet pipe bracket  | SPCC-1.5T      | 1    | 1.1.IG39A00460 |
| 3   | A9DX-0304A02 | Right air outlet pipe bracket | SPCC-1.5T      | 1    | 1.1.IG39A00450 |
| 2   |              | blower                        | KD1297PNB1     | 1    | 1.4.FS1A0030   |
| 1   | A9DX-0304A01 | Air outlet pipe of console    |                | 1    | 1.1.IG39A00440 |
| No. | Draw No.     | Name                          | Material/Spec. | Qty. | Product Code   |

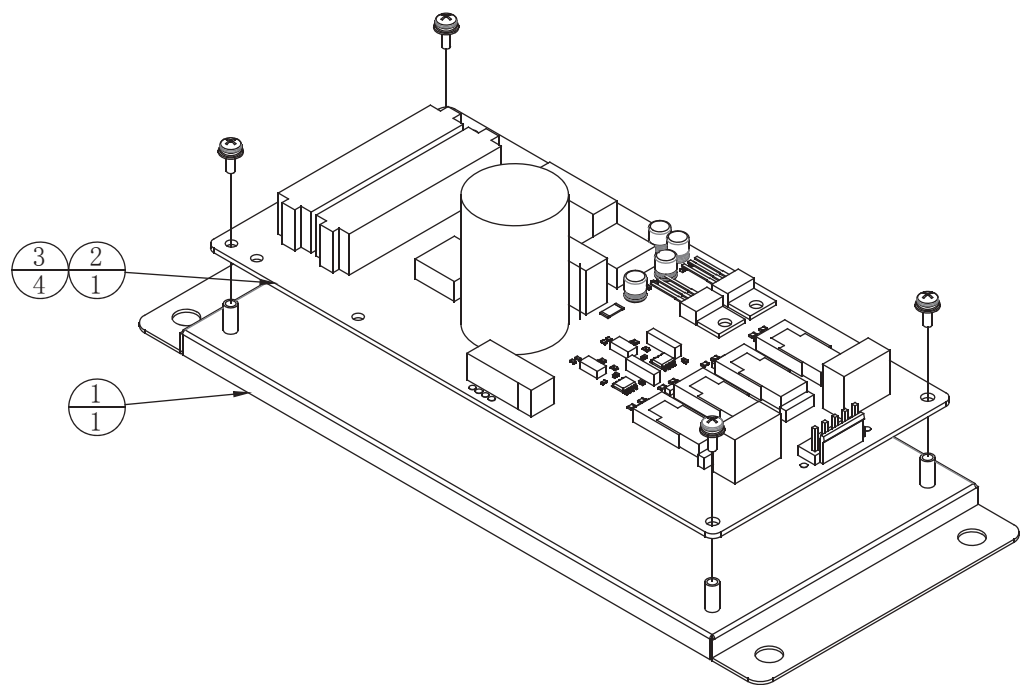


### 6.5.5 Console IO board assembly(A9DX-0305000)



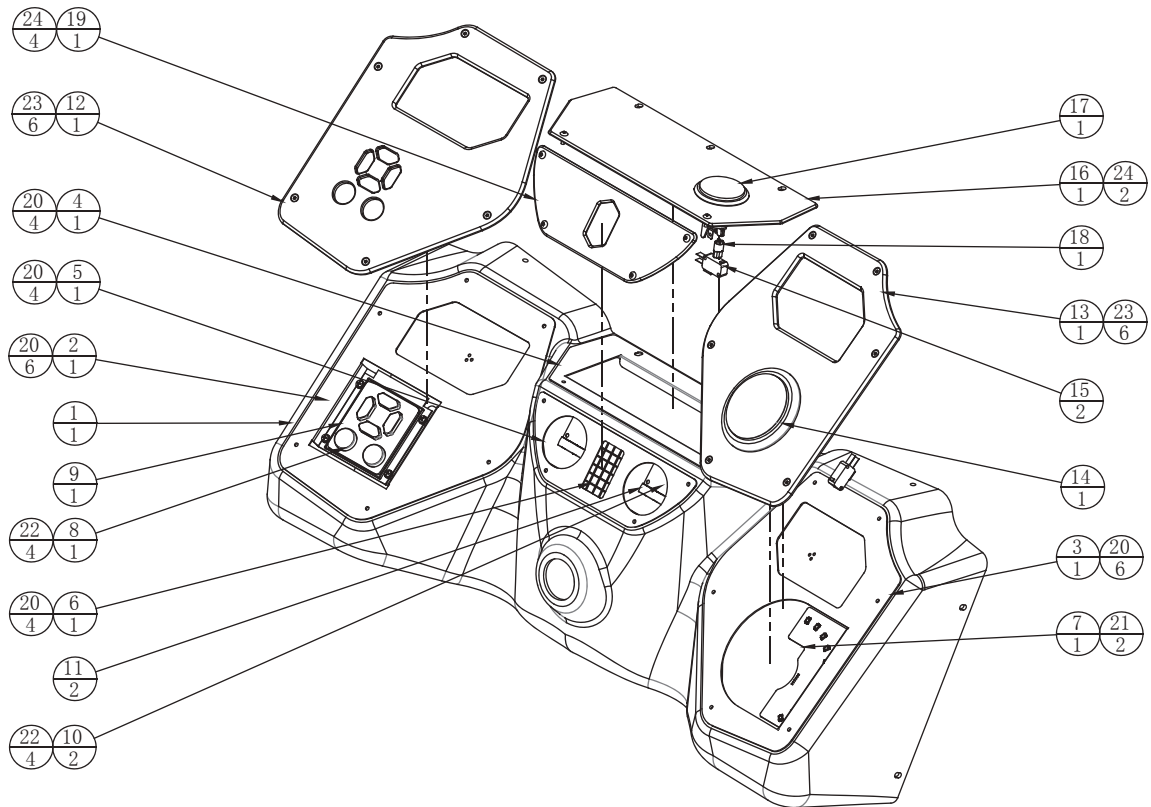
|     |               |                                                       |                     |      |                |
|-----|---------------|-------------------------------------------------------|---------------------|------|----------------|
| 3   |               | cross recessed fillister head three-combination screw | M3*8 (chrome)       | 4    |                |
| 2   | 8651-00000102 | I/O board pcb                                         | OL - # 0 (2) (RoHS) | 1    | 1.3.IG39A00010 |
| 1   | A9DX-0305A01  | IO board fixing frame of console                      | SECC-1.0T           | 1    | 1.1.IG39A00470 |
| No. | Draw No.      | Name                                                  | Material/Spec.      | Qty. | Product Code   |

# 6.5.6 Motor control panel assembly(A9DX-0306000)



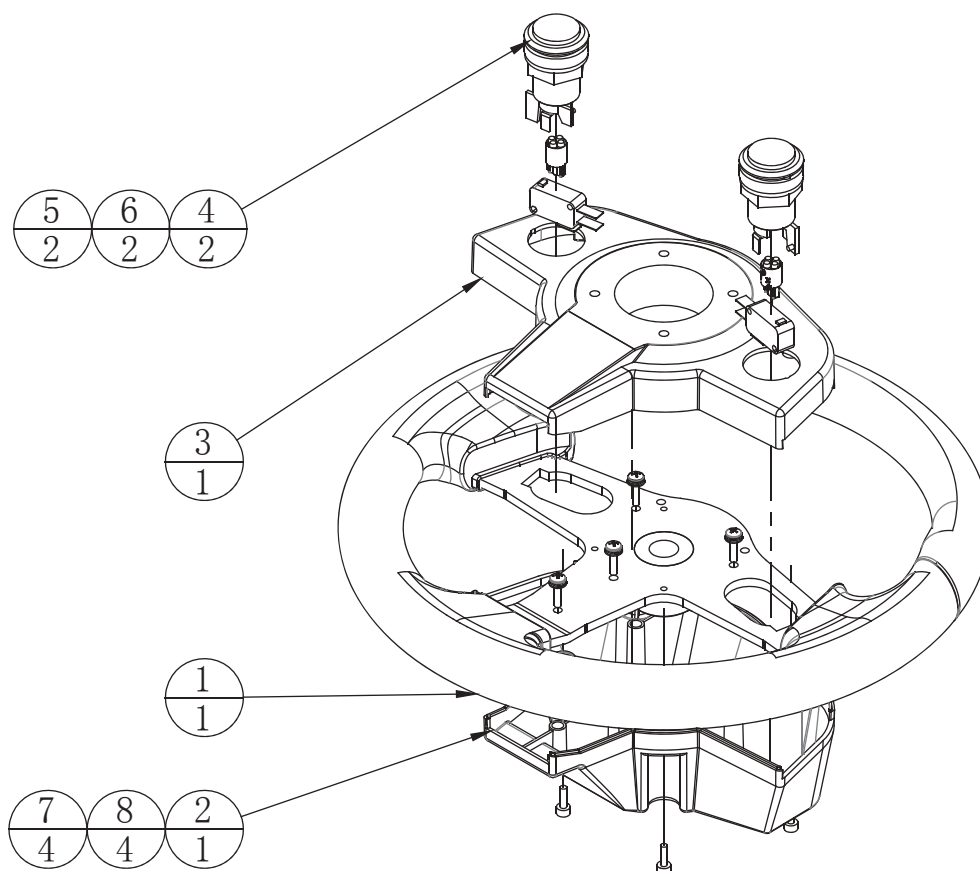
|     |               |                                                       |                                  |      |                |
|-----|---------------|-------------------------------------------------------|----------------------------------|------|----------------|
| 3   |               | cross recessed fillister head three-combination screw | M3*8 (chrome)                    | 4    |                |
| 2   | 5651-10000120 | control motor board                                   | LQ-A-0_ Cement Resistance (RoHS) | 1    | 1.3.IG39A00030 |
| 1   | A9DX-0306A01  | Motor control board fixing frame                      | SECC-1.0T                        | 1    | 1.1.IG39A00480 |
| No. | Draw No.      | Name                                                  | Material/Spec.                   | Qty. | Product Code   |

## 6.5.7 Plastic-forming console assembly (A9DX-0307000)



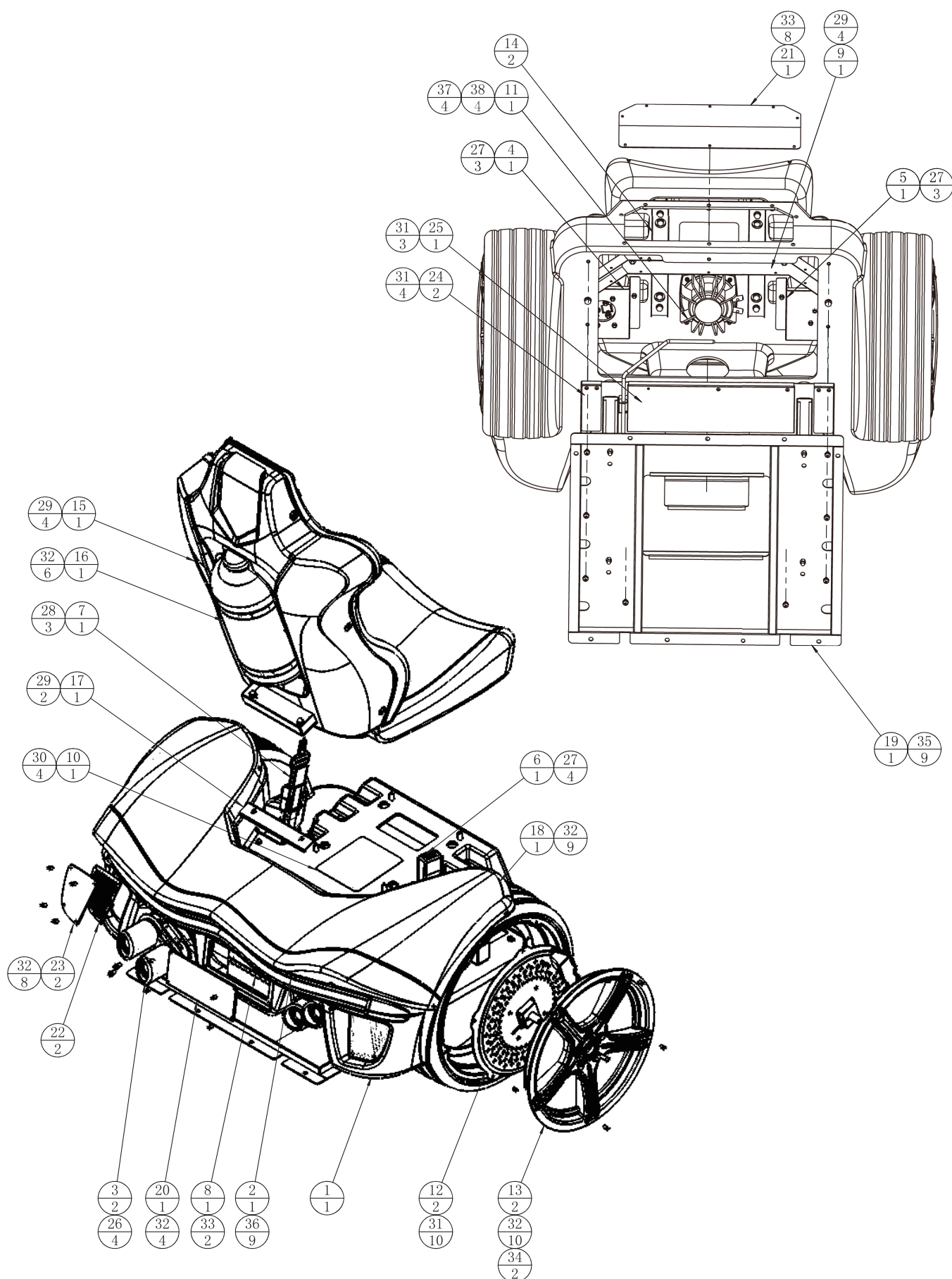
|     |              |                                                                       |                                    |      |                |
|-----|--------------|-----------------------------------------------------------------------|------------------------------------|------|----------------|
| 24  |              | hex socket cap screws                                                 | M4*12 (chrome)                     | 6    |                |
| 23  |              | hexagon socket countersunk head screws                                | M4*12 (chrome)                     | 12   |                |
| 22  |              | cross recessed fillister head three-combination screw                 | M4*8 (Black)                       | 8    |                |
| 21  |              | cross recessed fillister head three-combination screw                 | M3*8 (chrome)                      | 2    |                |
| 20  |              | hex head cap screw                                                    | M4 (Colour)                        | 24   |                |
| 19  | A9DX-P0008   | Control desk instrument decoration                                    | PMMA-3.0T                          | 1    | 1.7.IG39A00190 |
| 18  |              | led lamp for button                                                   | 12VThree white light(T10 312V-SMD) | 1    | 1.4.AJA01040   |
| 17  |              | Round illuminated button (with lamp holder)                           | Φ60 BLC-TN-BK-C-CW                 | 1    | 1.4.AJ106031#  |
| 16  | A9DX-P0007   | Acrylic force on top of console                                       | PMMA-3.0T                          | 1    | 1.7.IG39A00180 |
| 15  |              | micro switch                                                          | D3V-01-1C23                        | 2    | 1.4.SW103011   |
| 14  |              | convex round button with lamp (including lamp base & smd 3 color led) | BLC-BL-BK-H-CW-D                   | 1    | 1.4.AJ350020   |
| 13  | A9DX-P0006   | Control panel right acrylic                                           | PMMA-5.0T                          | 1    | 1.7.IG39A00170 |
| 12  | A9DX-P0005   | Control panel left acrylic                                            | PMMA-5.0T                          | 1    | 1.7.IG39A00160 |
| 11  |              | 5050 strip light                                                      | DC12V 60 Light L=50mm              | 2    | 1.4.ZM9E1062   |
| 10  | A9DX-0307A06 | Fixing frame for control lamp strip                                   | SECC-1.2T                          | 2    | 1.1.IG39A00540 |
| 9   | SD5-0110E01  | Direction key cushion                                                 | EVA-3.0T                           | 1    | 1.9.HM060370   |
| 8   |              | (film) switch button                                                  | MCC-2492                           | 1    | 1.4.AJN01022   |
| 7   |              | led lamp board for button                                             | GK-514-011                         | 1    | 1.4.IC901860   |
| 6   | A9DX-0307A05 | Tuyere network                                                        | SPCC-1.0T                          | 1    | 1.1.IG39A00530 |
| 5   | A9DX-0307A04 | Control desk air outlet sheet metal                                   | SPCC-1.2T                          | 1    | 1.1.IG39A00520 |
| 4   | A9DX-0307A03 | Xi su kong tai car body panel repair                                  | SPCC-1.2T                          | 1    | 1.1.IG39A00510 |
| 3   | A9DX-0307A02 | Right console screen board                                            |                                    | 1    | 1.1.IG39A00500 |
| 2   | A9DX-0307A01 | Left console screen board                                             |                                    | 1    | 1.1.IG39A00490 |
| 1   | A9DX-0307C01 | Plastic control desk                                                  | Black ABS composite panel          | 1    | 1.8.IG39A00030 |
| No. | Draw No.     | Name                                                                  | Material/Spec.                     | Qty. | Product Code   |

## 6.5.8 Steering wheel assembly(A9DX-0308000)



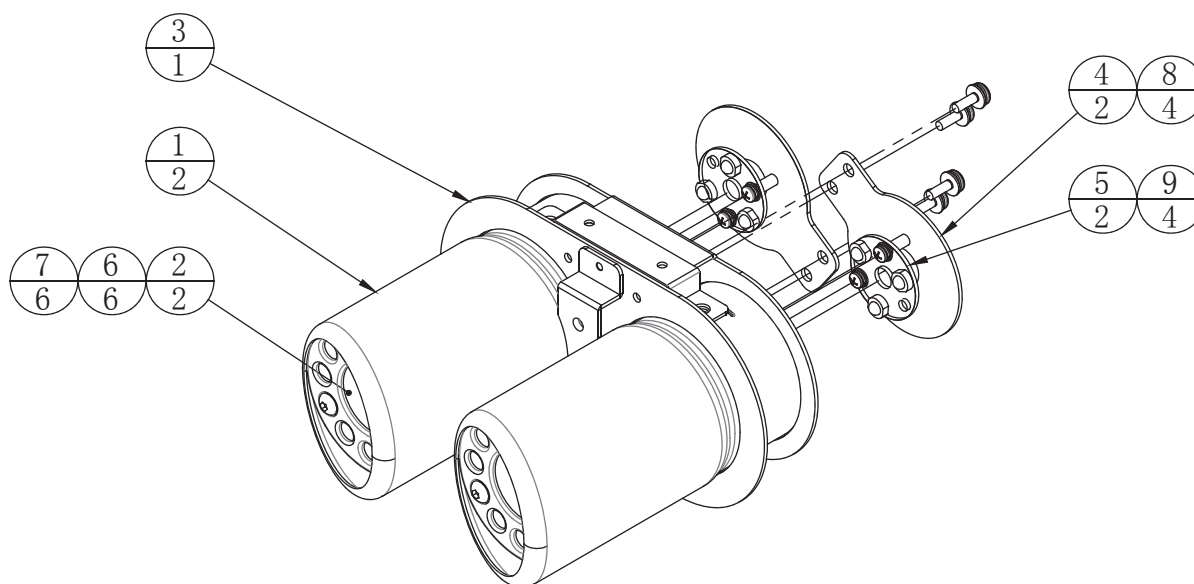
|     |              |                                                       |                                     |      |                |
|-----|--------------|-------------------------------------------------------|-------------------------------------|------|----------------|
| 8   |              | socket head cap screws                                | M4*12 (chrome)                      | 4    |                |
| 7   |              | cross recessed fillister head three-combination screw | M4*16 (chrome)                      | 4    |                |
| 6   |              | led lamp for button                                   | 12VThree white light(T103W-12V-SMD) | 2    | 1.4.AJA01040   |
| 5   |              | micro switch                                          | D3V-01-1C3                          | 2    | 1.4.SW103011   |
| 4   |              | Round illuminated button (with lamp holder)           | BLC-TN-A-ES-1CR-2CW-B 15            | 2    | 1.4.AJ103016   |
| 3   | SD3-11-00-03 | steering wheel upper cover                            | ABS Black T=2.5                     | 1    | 1.8.IG04A030   |
| 2   | SD3-11-00-02 | steering wheel lower cover                            | ABS Black T=2.5                     | 1    | 1.8.IG04A020   |
| 1   | SD4-1000A01  | steering wheel                                        |                                     | 1    | 1.1.IG04C00370 |
| No. | Draw No.     | Name                                                  | Material/Spec.                      | Qty. | Product Code   |

## 6.6 Car body assembly(A9DX-0400000)



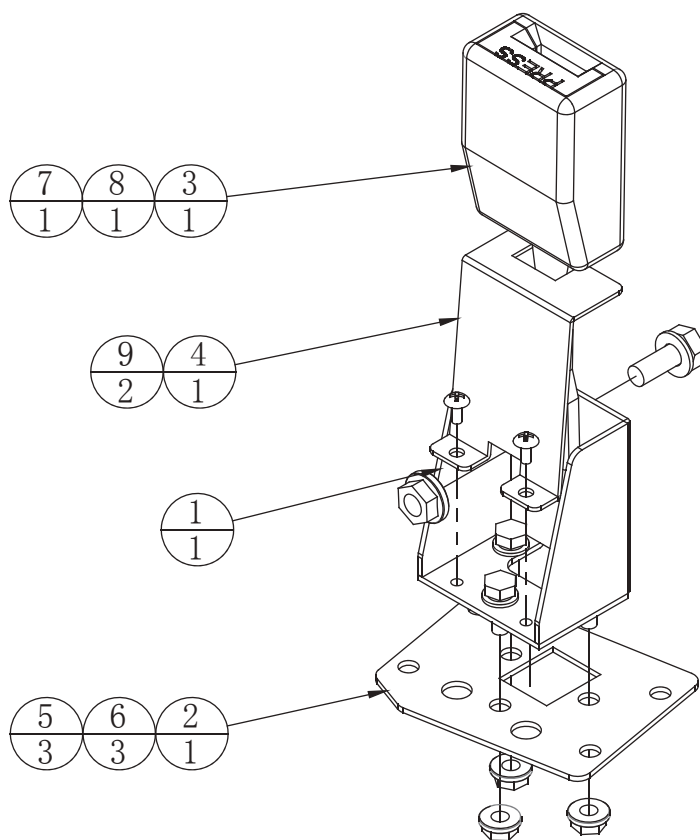
| 38  |              | flat gasket                                           | Φ4*Φ10*1.0 (chrome)       | 4    |                |
|-----|--------------|-------------------------------------------------------|---------------------------|------|----------------|
| 37  |              | self-locking nut                                      | 4 (galvanize)             | 4    |                |
| 36  |              | countersunk head tapping screws                       | M3*10 (chrome)            | 9    |                |
| 35  |              | cross recessed fillister head three-combination screw | M6*12 (Black)             | 9    |                |
| 34  |              | hex socket cap screws                                 | M6*20 (chrome)            | 2    |                |
| 33  |              | hex socket cap screws                                 | M4*12 (Black)             | 10   |                |
| 32  |              | hex socket cap screws                                 | M4*12 (chrome)            | 37   |                |
| 31  |              | cross the big flat head screw                         | M4*8 (Black)              | 17   |                |
| 30  |              | hex head cap screw                                    | M4 (Colour)               | 8    |                |
| 29  |              | Hexagon triple combination                            | 8*30*16*1.5(Black)        | 10   |                |
| 28  |              | Self-Locking Nuts                                     | M6 (Galvanization)        | 3    |                |
| 27  |              | Hexagon triple combination                            | 6*20*12*1.2(Black)        | 10   |                |
| 26  |              | cross recessed fillister head three-combination screw | M5*16 (Black)             | 4    |                |
| 25  | A9DX-0400A10 | Slide rail cover plate II                             | SPCC-1.0T                 | 1    | 1.1.IG39A00640 |
| 24  | A9DX-0400A09 | Slide rail cover plate I                              | SPCC-1.0T                 | 2    | 1.1.IG39A00630 |
| 23  | A9DX-0400D02 | Acrylic for rear decorative mesh plate                | PMMA-3.0T                 | 2    | 1.7.IG39A00050 |
| 22  | A9DX-0400A07 | Automobile decoration network                         | SPCC-1.2T                 | 2    | 1.1.IG39A00610 |
| 21  | A9DX-0400A08 | Seat maintenance door                                 | SPCC-1.5T                 | 1    | 1.1.IG39A00620 |
| 20  | A9DX-P0009   | plate number acryl                                    | PMMA-3.0T                 | 1    | 1.7.IG39A00200 |
| 19  | A9DX-0409000 | Long slide rail group                                 |                           | 1    |                |
| 18  | A9DX-0400C02 | Plastic tail wing                                     | Black ABS composite panel | 1    | 1.8.IG39A00050 |
| 17  | A9DX-0400A06 | Seat back fixing plate                                | SPCC-1.5T                 | 1    | 1.1.IG39A00600 |
| 16  | A9DX-0408000 | Nitrogen cylinder assembly                            |                           | 1    |                |
| 15  | A9DX-0407000 | Seat assembly                                         |                           | 1    |                |
| 14  | A9DX-0400A05 | Rotational molding body reinforcing plate             | SECC-1.5T                 | 2    | 1.1.IG39A00590 |
| 13  | A9DX-0406000 | External contour assembly                             |                           | 2    |                |
| 12  | A9DX-0405000 | Internal assembly of wheel                            |                           | 2    |                |
| 11  |              | Low-frequency vibrator                                | 4Ω/50W                    | 1    | 1.4.YSA00010   |
| 10  | A9DX-0400A02 | Vibration horn fixing plate                           | SECC-1.5T                 | 1    | 1.1.IG39A00560 |
| 9   | A9DX-0400A01 | Car body support frame                                | SPCC-1.5T                 | 1    | 1.1.IG39A00550 |
| 8   | A9DX-0404000 | License plate light assembly                          |                           | 1    |                |
| 7   | A9DX-0403000 | Safety belt assembly                                  |                           | 1    |                |
| 6   | A9DX-0402000 | Buckle-up assembly                                    |                           | 1    |                |
| 5   | A9DX-0400A04 | Seat belt fixing plate                                | SPCC-1.5T                 | 1    | 1.1.IG39A00580 |
| 4   | A9DX-0400A03 | Safety belt reinforcing bracket                       | SPCC-1.5T                 | 1    | 1.1.IG39A00570 |
| 3   | A9DX-0401000 | Buckle-up assembly                                    |                           | 2    |                |
| 2   |              | 5050 soft strip lamp (WS2815 chip)                    | DC12V L=1000mm            | 1    | 1.4.ZM9E2090   |
| 1   | A9DX-0400C01 | Rotational molding car body                           | Black LDPE                | 1    | 1.8.IG39A00040 |
| No. | Draw No.     | Name                                                  | Material/Spec.            | Qty. | Product Code   |

## 6.6.1 Buckle-up assembly (A9DX-0401000)



|     |              |                                                       |                |      |                |
|-----|--------------|-------------------------------------------------------|----------------|------|----------------|
| 9   |              | cross recessed fillister head three-combination screw | M3*8 (chrome)  | 4    |                |
| 8   |              | cross recessed fillister head three-combination screw | M4*12 (chrome) | 4    |                |
| 7   |              | hex head cap screw                                    | M4 (Colour)    | 6    |                |
| 6   |              | hex socket cap screws                                 | M4*16 (chrome) | 6    |                |
| 5   |              | round pcb with led                                    | DC12V blue     | 2    | 1.4.ZM9G0010   |
| 4   | A9DX-0401A02 | Exhaust pipe lamp plate frame                         | SECC-1.5T      | 2    | 1.1.IG39A00660 |
| 3   | A9DX-0401A01 | Exhaust pipe fixing frame                             |                | 1    | 1.1.IG39A00650 |
| 2   | HXK-0204D01  | exhaust pipe decorative acryl                         | PMMA-3.0T      | 2    | 1.7.IG19A00050 |
| 1   |              | exhaust pipe                                          |                | 2    | 1.4.JG09C010   |
| No. | Draw No.     | Name                                                  | Material/Spec. | Qty. | Product Code   |

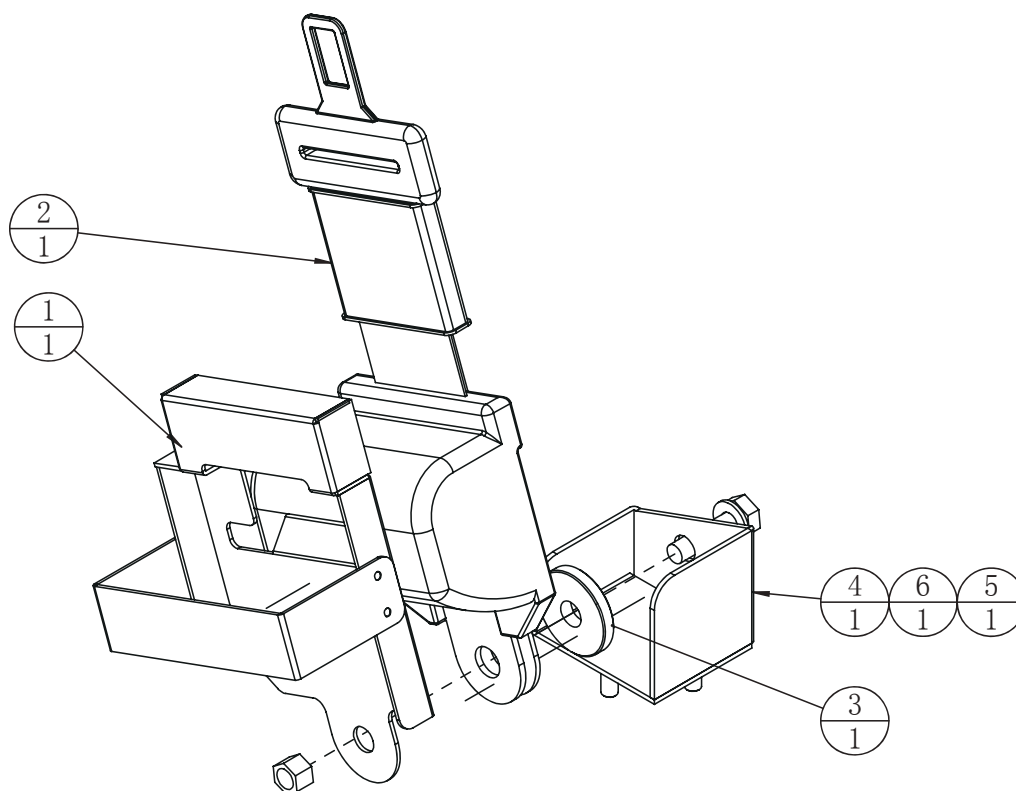
## 6.6.2 Buckle-up assembly(A9DX-0402000)



|     |              |                                     |                                                                                |      |                |
|-----|--------------|-------------------------------------|--------------------------------------------------------------------------------|------|----------------|
| 9   |              | cross the big flat head screw       | M4*8 (Black)                                                                   | 2    |                |
| 8   |              | Hexagon triple combination          | 8*20*16*1.5(Black)                                                             | 1    |                |
| 7   |              | hex head cap screw                  | M8 (Colour)                                                                    | 1    |                |
| 6   |              | Hexagon triple combination          | 6*16*12*1.2(Black)                                                             | 3    |                |
| 5   |              | hex head cap screw                  | M6 (Colour)                                                                    | 3    |                |
| 4   | A9DX-0402A03 | Seat belt outer cover               | SPCC-1.5T                                                                      | 1    | 1.1.IG39A00690 |
| 3   |              | Two-point safety belt (with spring) | Self-locking two-point safety belt with wire normally open + reduction sleeve) | 1    | 1.4.AQ000041   |
| 2   | A9DX-0402A02 | Seat belt floor                     | SPCC-2.0T                                                                      | 1    | 1.1.IG39A00680 |
| 1   | A9DX-0402A01 | Seat belt fixing base               | SPCC-2.0T                                                                      | 1    | 1.1.IG39A00670 |
| No. | Draw No.     | Name                                | Material/Spec.                                                                 | Qty. | Product Code   |

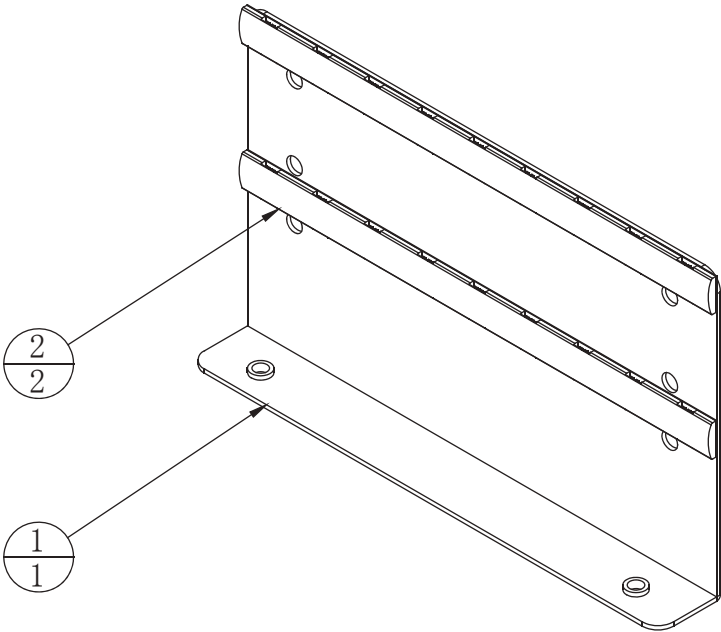


### 6.6.3 Safety belt assembly (A9DX-0403000)



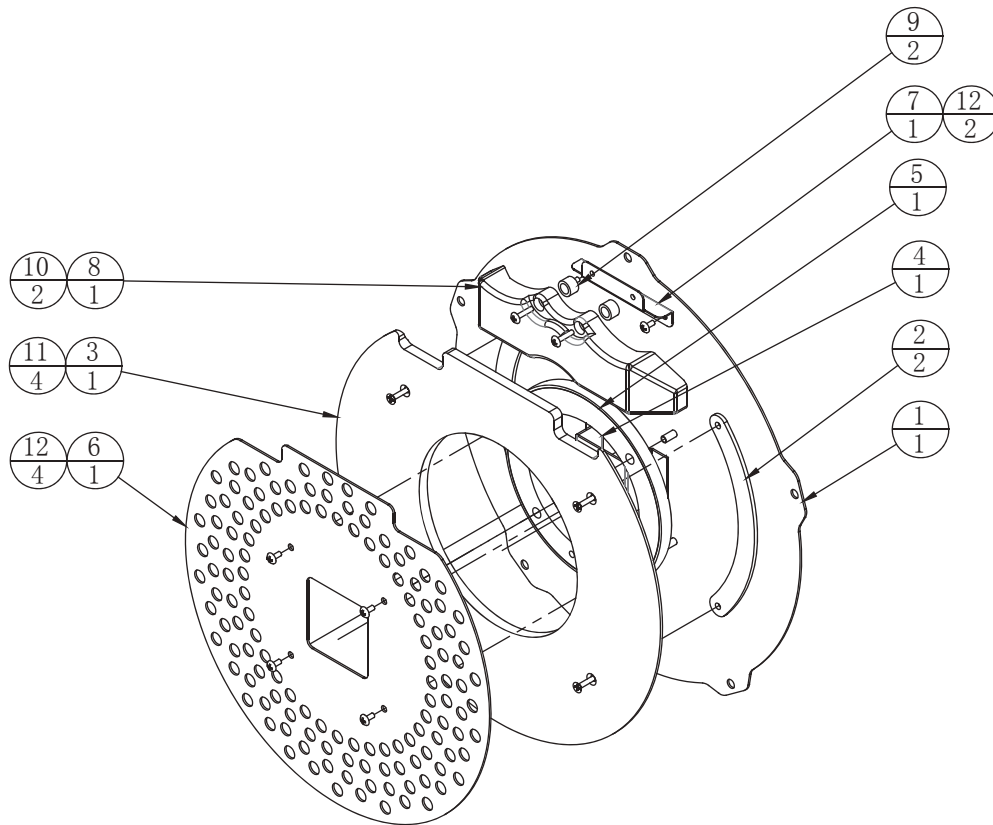
|     |              |                                     |                                                                                |      |                |
|-----|--------------|-------------------------------------|--------------------------------------------------------------------------------|------|----------------|
| 6   |              | Hexagon triple combination          | 8*30*16*1.5(Black)                                                             | 1    |                |
| 5   |              | Self-Locking Nuts                   | M8 (Galvanization)                                                             | 1    |                |
| 4   | A9DX-0403A03 | Seat belt bracket 3                 | SPCC-2.0T                                                                      | 1    | 1.1.IG39A00720 |
| 3   | A9DX-0403A04 | Seat belt gasket                    | Q235                                                                           | 1    | 1.1.IG39A00730 |
| 2   |              | Two-point safety belt (with spring) | Self-locking two-point safety belt with wire normally open + reduction sleeve) | 1    | 1.4.AQ000041   |
| 1   | A9DX-0403A01 | Seat belt bracket 1                 |                                                                                | 1    | 1.1.IG39A00700 |
| No. | Draw No.     | Name                                | Material/Spec.                                                                 | Qty. | Product Code   |

6.6.4 License plate light assembly(A9DX-0404000)



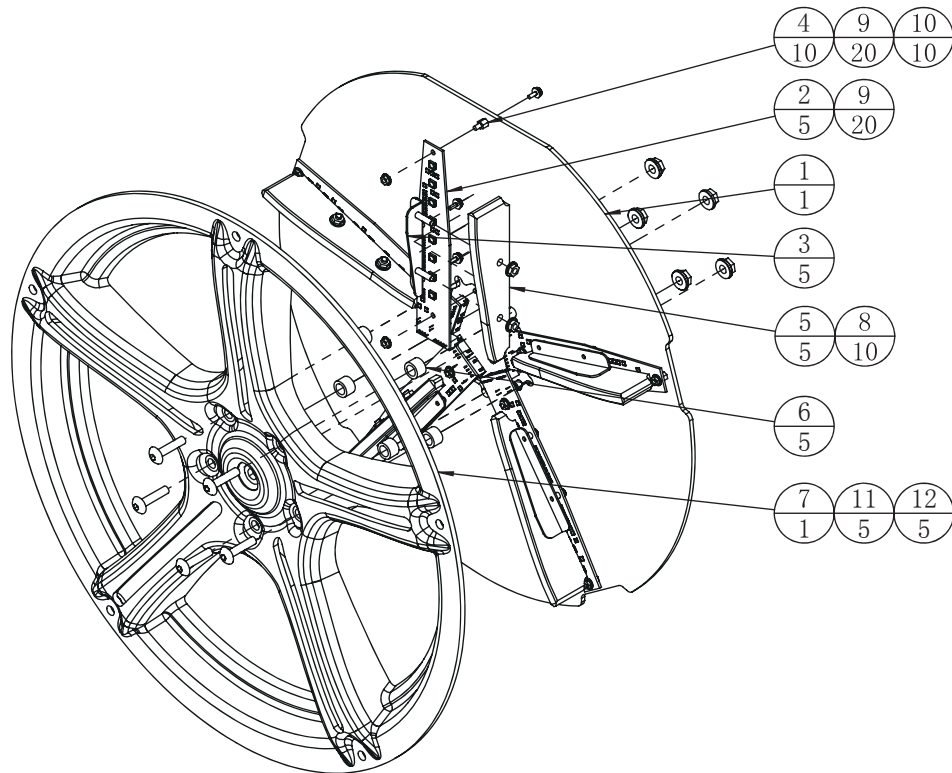
|     |              |                                     |                        |      |                |
|-----|--------------|-------------------------------------|------------------------|------|----------------|
| 2   |              | 5050 strip light                    | DC12V 60 Light L=150mm | 2    | 1.4.ZM9E1075   |
| 1   | A9DX-0404A01 | License plate lighting fixing plate | SPCC-1.2T              | 1    | 1.1.IG39A00740 |
| No. | Draw No.     | Name                                | Material/Spec.         | Qty. | Product Code   |

## 6.6.5 Internal assembly of wheel(A9DX-0405000)



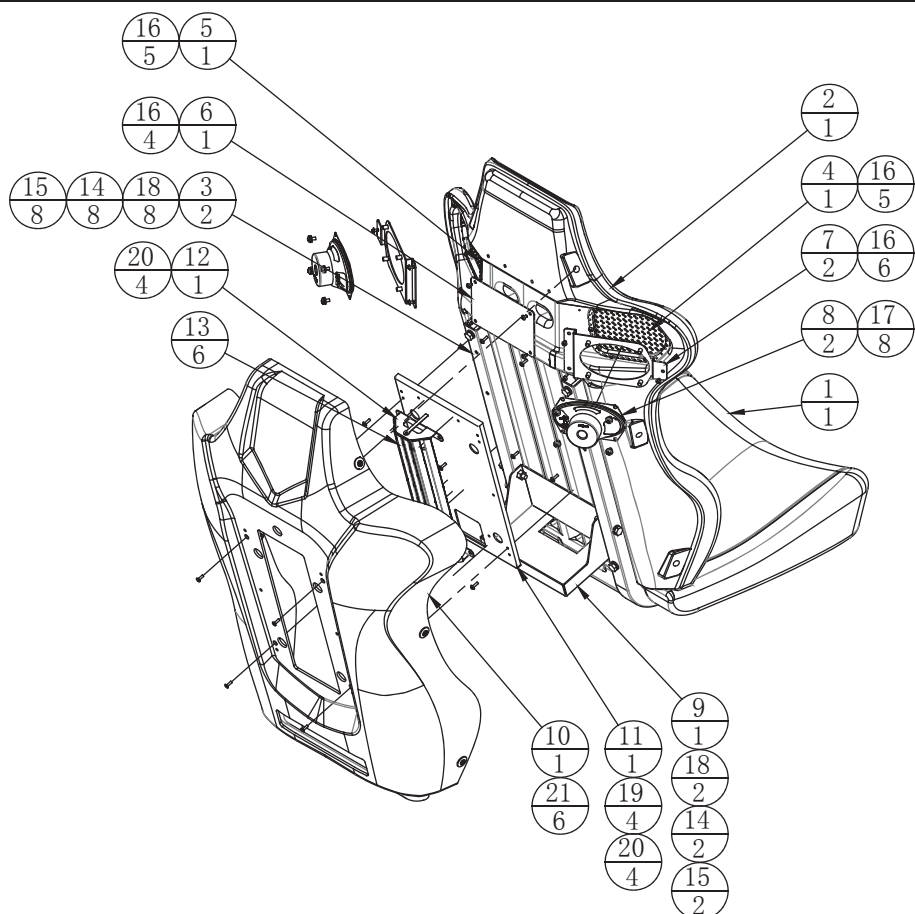
|     |              |                                        |                     |      |                |
|-----|--------------|----------------------------------------|---------------------|------|----------------|
| 12  |              | cross the big flat head screw          | M4*8 (chrome)       | 6    |                |
| 11  |              | cross recessed countersunk head screws | M4*16 (chrome)      | 4    |                |
| 10  |              | cross the big flat head screw          | M4*16 (chrome)      | 2    |                |
| 9   | A9DX-0406A02 | Wheel frame bushing                    | Q235                | 2    | 1.1.IG39A00790 |
| 8   |              | Brake cover                            | yellow              | 1    | 1.8.AA000290   |
| 7   | A9DX-0405A02 | Brake cover fixing plate               | SPCC-1.2T           | 1    | 1.1.IG39A00760 |
| 6   | A9DX-0405A03 | Wheel frame decorative plate           | SUS304-1.5T         | 1    | 1.1.IG39A00770 |
| 5   |              | 5050 strip light                       | DC12V RGB60 L=500mm | 1    | 1.4.ZM9E1080   |
| 4   | A9DX-0405D03 | Disc acrylic plate                     | PMMA-10.0T          | 1    | 1.7.IG39A00070 |
| 3   | A9DX-P0010   | Wheel dotting decoration               | PMMA-8.0T           | 1    | 1.7.IG39A00210 |
| 2   | A9DX-0405D02 | Acrylic gasket for disc                | PMMA-3.0T           | 2    | 1.7.IG39A00060 |
| 1   | A9DX-0405A01 | Wheel frame inner ring fixing plate    |                     | 1    | 1.1.IG39A00750 |
| No. | Draw No.     | Name                                   | Material/Spec.      | Qty. | Product Code   |

## 6.6.6 External contour assembly(A9DX-0406000)



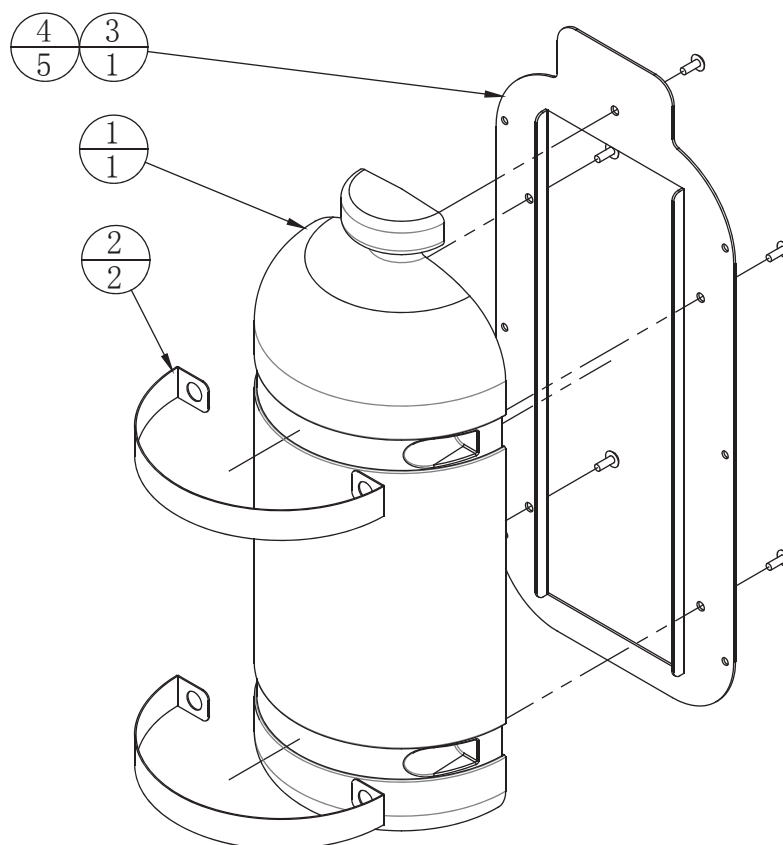
|     |              |                                                       |                             |      |                |
|-----|--------------|-------------------------------------------------------|-----------------------------|------|----------------|
| 13  |              | hex head cap screw                                    | M6 (Colour)                 | 5    |                |
| 12  |              | hex socket cap screws                                 | M6*25 (chrome)              | 5    |                |
| 11  |              | hex head cap screw                                    | M3 (Colour)                 | 10   |                |
| 10  |              | cross recessed fillister head three-combination screw | M3*16 (chrome)              | 10   |                |
| 9   |              | cross recessed fillister head three-combination screw | M3*8 (chrome)               | 10   |                |
| 8   |              | hex head cap screw                                    | M4 (Colour)                 | 10   |                |
| 7   | A9DX-0406C01 | Plastic wheel frame                                   | ABS                         | 1    | 1.8.IG39A00060 |
| 6   | A9DX-0406A02 | Wheel frame bushing                                   | Q235                        | 5    | 1.1.IG39A00790 |
| 5   | A9DX-0406D02 | Light-guiding acrylic board                           | PMMA-8.0T                   | 5    | 1.7.IG39A00090 |
| 4   |              | Single hole hexagonal copper stud                     | Column (M3*5)/ tooth (M3*5) | 10   |                |
| 3   | A9DX-0406A01 | Tyre light guide bracket                              | SPCC-1.2T                   | 5    | 1.1.IG39A00780 |
| 2   |              | Wheel frame lamp panel                                |                             | 5    | 1.4.IC903220   |
| 1   | A9DX-0406D01 | Rim protection acrylic                                | PMMA-3.0T                   | 1    | 1.7.IG39A00080 |
| No. | Draw No.     | Name                                                  | Material/Spec.              | Qty. | Product Code   |

## 6.6.7 Seat assembly (A9DX-0407000)



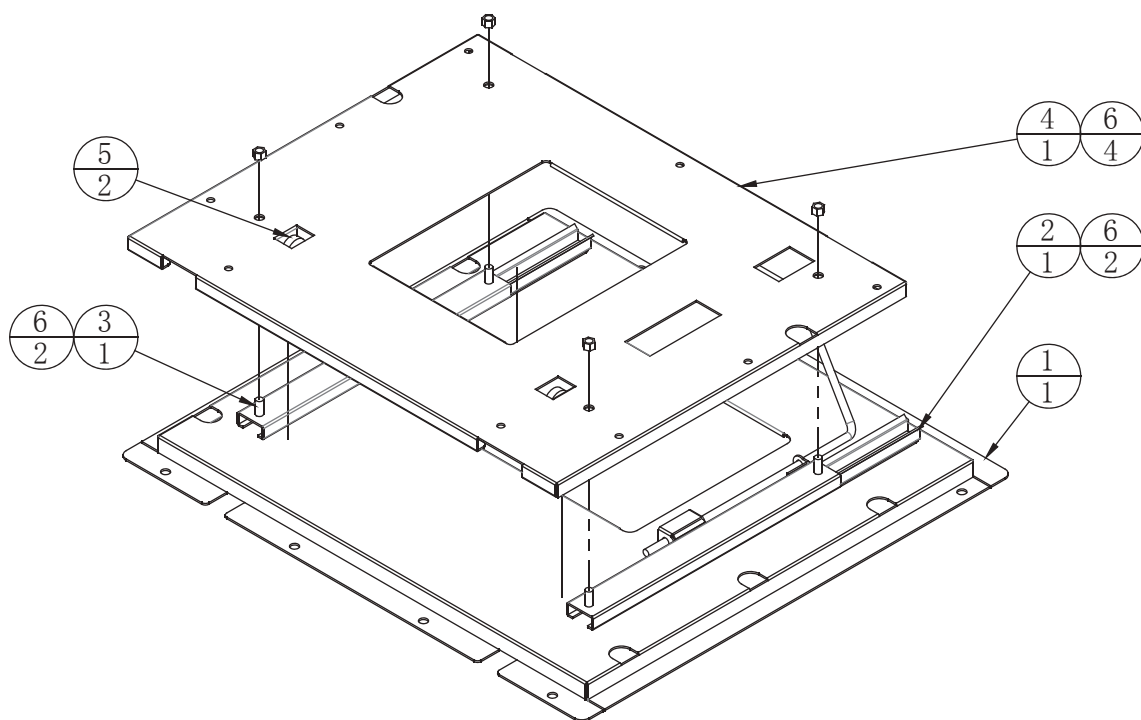
|     |              |                                                          |                           |      |                |
|-----|--------------|----------------------------------------------------------|---------------------------|------|----------------|
| 21  |              | plastic screw                                            |                           | 6    |                |
| 20  |              | cross the big flat head screw                            | M4*12 (Black)             | 8    |                |
| 19  |              | cross recessed countersunk head screws                   | M4*12 (chrome)            | 4    |                |
| 18  |              | external hex socket screw                                | M8*50 (Black)             | 10   |                |
| 17  |              | cross recessed fillister head three-combination screw    | M5*10 (chrome)            | 8    |                |
| 16  |              | cross the big flat head self-drilling screw              | M4*8 (chrome)             | 20   |                |
| 15  |              | plain washers                                            | φ8*φ16*2.0 (Black)        | 10   |                |
| 14  |              | spring washer                                            | M8 (Black)                | 10   |                |
| 13  |              | 5050 stripe light (LPD6803 chip) (double head with plug) | DC12V RGB30 L=300mm       | 6    | 1.4.ZM9E0536   |
| 12  | A9DX-0407A05 | Gas cylinder lamp bar rack                               | SPCC-1.2T                 | 1    | 1.1.IG39A00840 |
| 11  | A9DX-0407A04 | Seat back reinforcing bracket                            | SPCC-2.0T                 | 1    | 1.1.IG39A00830 |
| 10  | A9DX-0407C02 | Seat back blister                                        | Black ABS composite panel | 1    | 1.8.IG39A00080 |
| 9   | A9DX-0407A03 | Seat back fixing bracket                                 | SPCC-2.0T                 | 1    | 1.1.IG39A00820 |
| 8   |              | ellipse antimagnetic speaker                             | 3*5吋8Ω/15W                | 2    | 1.4.YS300010   |
| 7   | A9DX-0407A02 | Seat horn fixing frame                                   | SPCC-1.5T                 | 2    | 1.1.IG39A00810 |
| 6   | A9DX-0407A01 | Seat shielding sheet metal                               | SPCC-1.5T                 | 1    | 1.1.IG39A00800 |
| 5   |              | seat speaker cover r                                     | screen-1.0T               | 1    | 1.1.IG041001   |
| 4   |              | seat speaker cover l                                     | screen-1.0T               | 1    | 1.1.IG041000   |
| 3   | HXD-0302A01  | seat bend                                                | Square tube 30*2/Q235     | 2    | 1.1.IG19G00710 |
| 2   | SD3-07-01-03 | seat back cushion                                        |                           | 1    | 1.8.IG04A080   |
| 1   | A9DX-0407C01 | Blow molded seat cushion                                 | Black ABS                 | 1    | 1.8.IG39A00070 |
| No. | Draw No.     | Name                                                     | Material/Spec.            | Qty. | Product Code   |

## 6.6.8 Nitrogen cylinder assembly(A9DX-0408000)



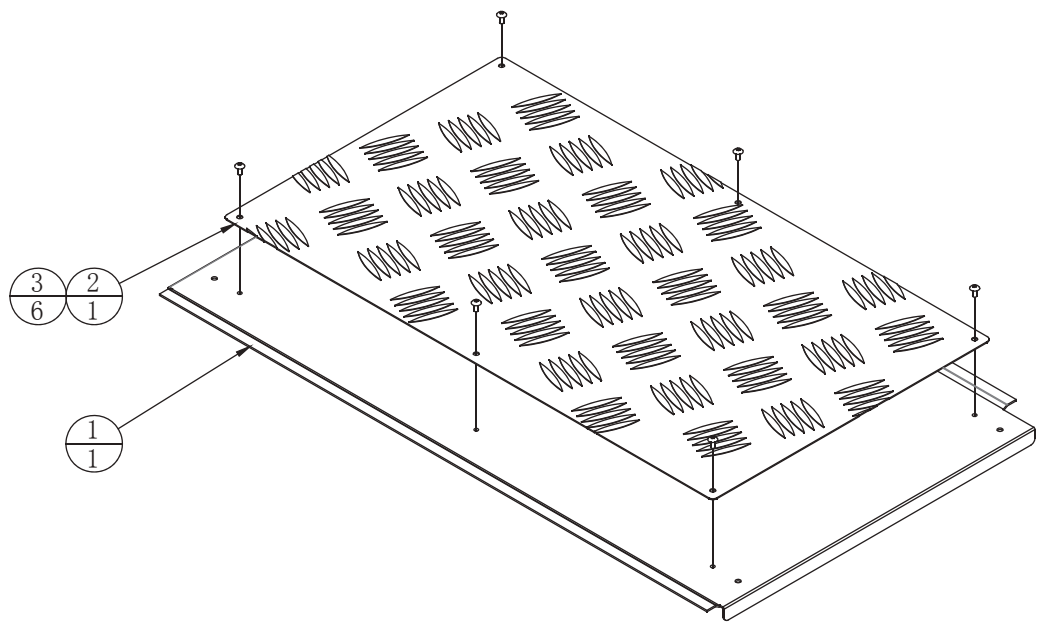
|     |              |                                  |                 |      |                |
|-----|--------------|----------------------------------|-----------------|------|----------------|
| 4   |              | cross the big flat head screw    | M5*12 (chrome ) | 5    |                |
| 3   | A9DX-0408A02 | Nitrogen bottle fixing plate     | SUS304-1.5T     | 1    | 1.1.IG39A00860 |
| 2   | A9DX-0408A01 | Oxygen cylinder decorative sheet | SUS304-0.8T     | 2    | 1.1.IG39A00850 |
| 1   | A9DX-0408C01 | Injection nitrogen bottle        | PC              | 1    | 1.8.IG39A00090 |
| No. | Draw No.     | Name                             | Material/Spec.  | Qty. | Product Code   |

## 6.6.9 Long slide-rail group (A9DX-0409000)



|     |              |                                      |                    |      |                |
|-----|--------------|--------------------------------------|--------------------|------|----------------|
| 6   |              | Self-Locking Nuts                    | M8 (Galvanization) | 8    |                |
| 5   |              | Plastic guide wheel                  | 6X26X8POM          | 2    | 1.4.ZC000062   |
| 4   | A9DX-0409A02 | Rail seat                            |                    | 1    | 1.1.IG39A00880 |
| 3   |              | Long slide rail group                | L=345 trip 240     | 1    | 1.4.HG100070   |
| 2   |              | Long slide rail group                | L=345 trip 240     | 1    | 1.4.HG100070   |
| 1   | A9DX-0409A01 | Sliding rail lower seat fixing plate |                    | 1    | 1.1.IG39A00870 |
| No. | Draw No.     | Name                                 | Material/Spec.     | Qty. | Product Code   |

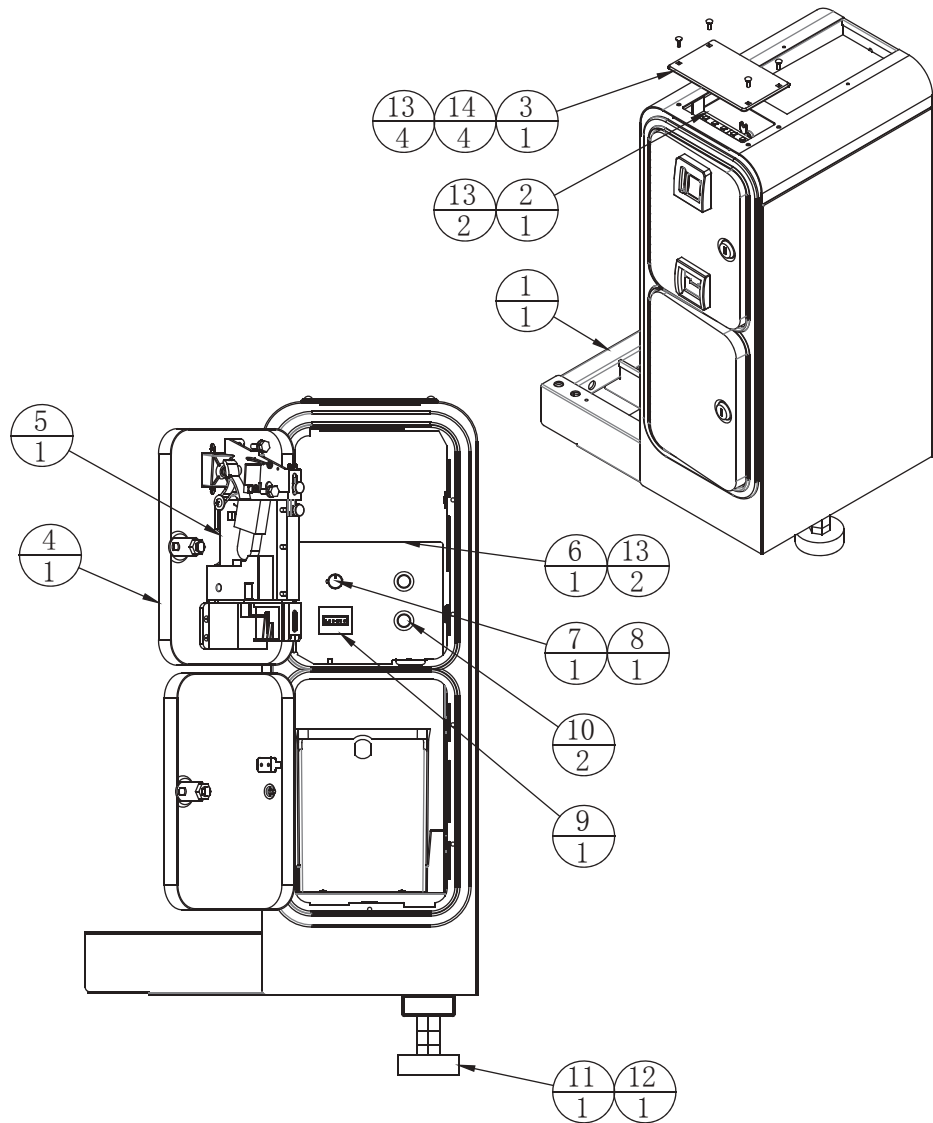
## 6.7 Platform pedal assembly(A9DX-0500000)



|     |              |                         |                |      |                |
|-----|--------------|-------------------------|----------------|------|----------------|
| 3   |              | hex socket cap screws   | M4*8 (chrome)  | 6    |                |
| 2   | A9DX-0500A02 | Non-slip aluminum plate | Aluminum plate | 1    | 1.1.IG39A00900 |
| 1   | A9DX-0500A01 | pedal cover plate       | SPCC-1.5T      | 1    | 1.1.IG39A00890 |
| No. | Draw No.     | Name                    | Material/Spec. | Qty. | Product Code   |

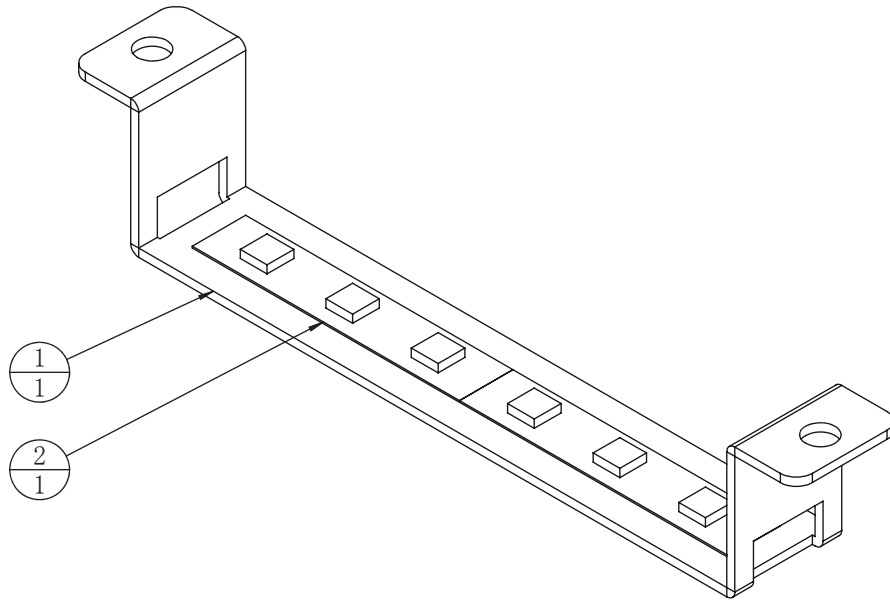


# 6.8 Cashbox assembly(A9DX-0600000)



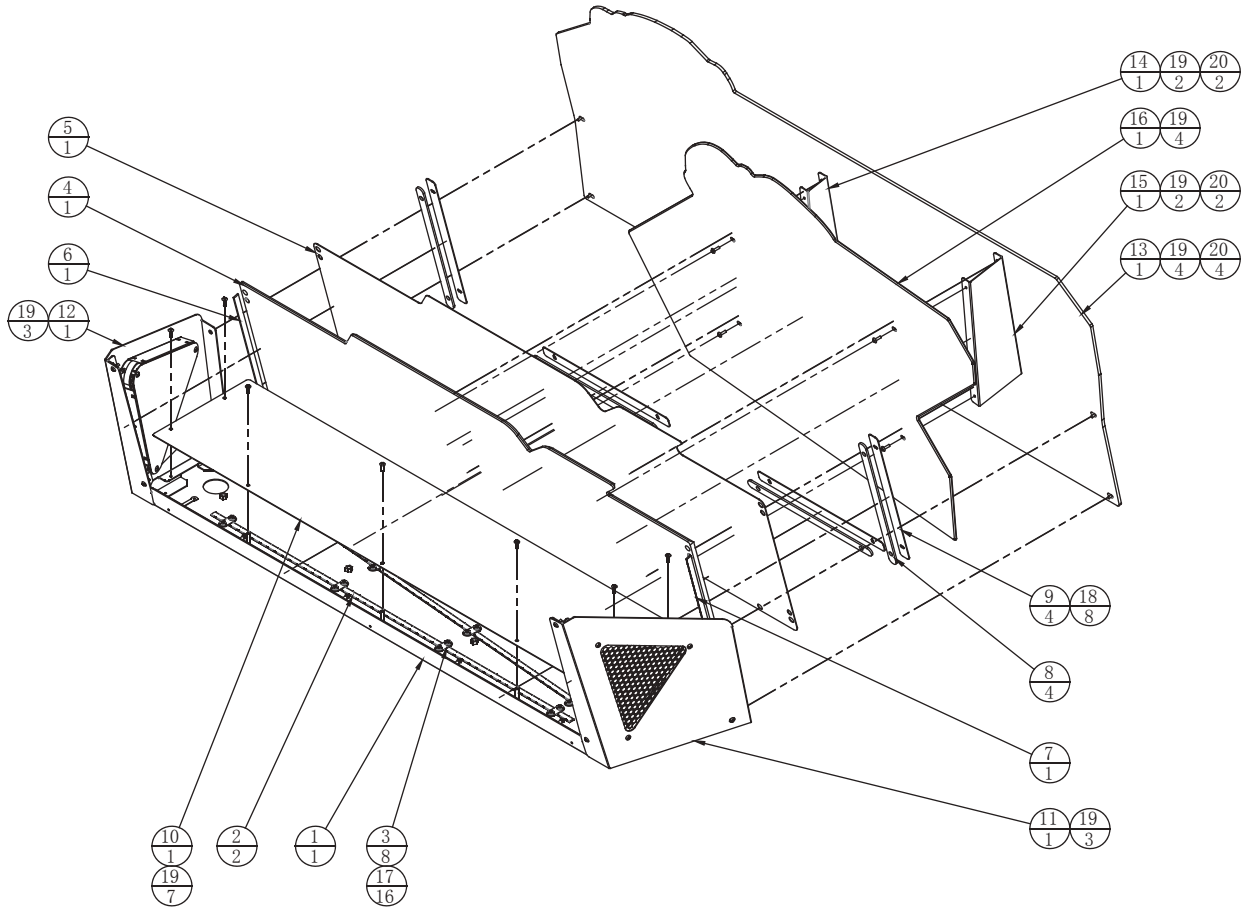
|     |              |                              |                    |      |                |
|-----|--------------|------------------------------|--------------------|------|----------------|
| 14  |              | The carriage screws          | M4*12 (chrome )    | 4    |                |
| 13  |              | hex head cap screw           | M4 ( Colour)       | 8    |                |
| 12  |              | hexagon nut                  | M16 ( Colour)      | 1    |                |
| 11  |              | anchor bolt (rubber bottom)  | M16*100(Colour)    | 1    |                |
| 10  |              | round push button            | Red SDP-103C- 22RB | 2    | 1.4.AJ500012#  |
| 9   |              | counter                      | DC 12V             | 1    | 1.4.JS100020   |
| 8   |              | potentiometer knob           | Φ13mm              | 1    | 1.4.VR201310   |
| 7   |              | volume vr components         | VR-B10KΩ           | 1    | 1.4.VR160010   |
| 6   | HXD-0213A01  | control panel                | SPCC-1.2T          | 1    | 1.1.IG19G00580 |
| 5   |              | electronic coin              | TW-800III          | 1    | 1.4.TB100050   |
| 4   | TYM-0000000A | Single slot door set (black) |                    | 1    |                |
| 3   | A9DX-P0011   | Cash box prompt decoration   | PMMA-3.0T          | 1    | 1.7.IG39A00220 |
| 2   | A9DX-0601000 | Cashbox & light bar assembl  |                    | 1    |                |
| 1   | A9DX-0600A01 | Cash box frame               |                    | 1    | 1.1.IG39A00910 |
| No. | Draw No.     | Name                         | Material/Spec.     | Qty. | Product Code   |

## 6.8.1 Cashbox & light bar assembl(A9DX-0601000)



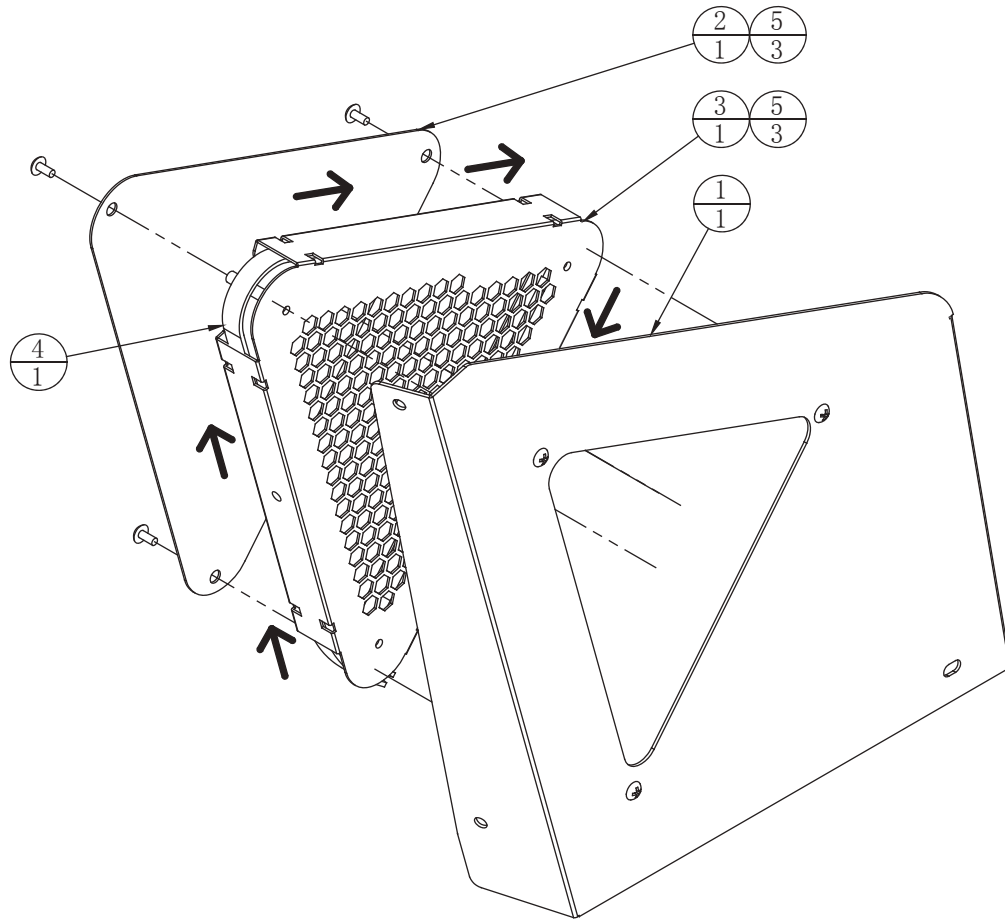
|     |              |                                        |                        |      |                |
|-----|--------------|----------------------------------------|------------------------|------|----------------|
| 2   |              | 5050 strip light                       | DC12V 60 Light L=100mm | 1    | 1.4.ZM9E0811   |
| 1   | A9DX-0601A01 | Fixing plate for light bar of cash box | SPCC-1.2T              | 1    | 1.1.IG39A00920 |
| No. | Draw No.     | Name                                   | Material/Spec.         | Qty. | Product Code   |

## 6.9 Top light box assembly(A9DX-0700000)



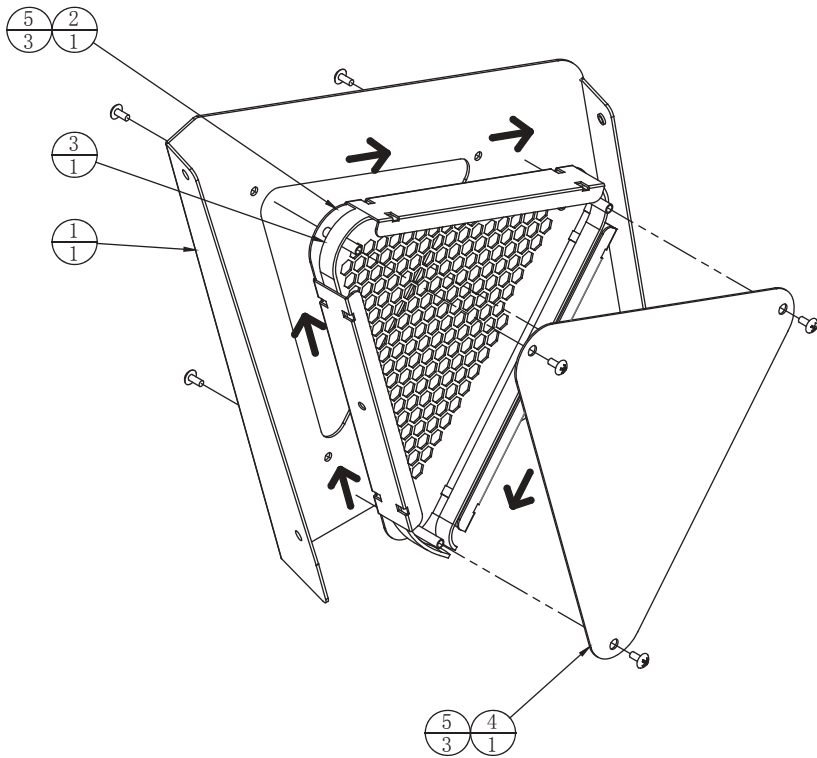
|     |              |                                                  |                         |      |                |
|-----|--------------|--------------------------------------------------|-------------------------|------|----------------|
| 20  |              | plain washers                                    | Φ4*Φ16*1.0 (chrome)     | 8    |                |
| 19  |              | cross the big flat head screw                    | M4*12 (chrome)          | 25   |                |
| 18  |              | cross the big flat head screw                    | M4*8 (Black)            | 8    |                |
| 17  |              | hex head cap screw                               | M4 (Colour)             | 16   |                |
| 16  | A9DX-P0013   | Light box background decoration                  | PMMA-3.0T               | 1    | 1.7.IG39A00240 |
| 15  | A9DX-0700A03 | Haoka board fixing frame 1                       | SPCC-1.2T               | 1    | 1.1.IG39A00950 |
| 14  | A9DX-0700A04 | Haoka board fixing frame 2                       | SPCC-1.2T               | 1    | 1.1.IG39A00960 |
| 13  | A9DX-P0012   | Light box background board                       | Andy board-5.0T         | 1    | 1.7.IG39A00230 |
| 12  | A9DX-0702000 | Light assembly on the left side of the light box |                         | 1    |                |
| 11  | A9DX-0701000 | Light assembly on the right side of light box    |                         | 1    |                |
| 10  | A9DX-0700D05 | Light box protective cover                       | PVC-1.0T                | 1    | 1.7.IG39A00130 |
| 9   | A9DX-0700A02 | Acrylic fixing strip                             | SPCC-1.2T               | 4    | 1.1.IG39A00940 |
| 8   | A9DX-0700D04 | Acrylic washer                                   | PMMA-3.0T               | 4    | 1.7.IG39A00120 |
| 7   |              | 5050 strip light                                 | DC12V 60 Light L=250mm  | 1    | 1.4.ZM9E1820   |
| 6   |              | 5050 strip light                                 | DC12V 60 Light L=1250mm | 1    | 1.4.ZM9E2070   |
| 5   | A9DX-0700D03 | Machine name PVC board                           | PVC-1.0T                | 1    | 1.7.IG39A00110 |
| 4   | A9DX-P0003   | Theme light box                                  | PMMA-8.0T               | 1    | 1.7.IG39A00140 |
| 3   | A9DX-0700D01 | Light fixing PVC board                           | PVC-1.0T                | 8    | 1.7.IG39A00100 |
| 2   |              | 5050 strip light                                 | DC12V 60 Light L=800mm  | 2    | 1.4.ZM9E0069   |
| 1   | A9DX-0700A01 | Top light box fixing plate                       |                         | 1    | 1.1.IG39A00930 |
| No. | Draw No.     | Name                                             | Material/Spec.          | Qty. | Product Code   |

## 6.9.1 Light assembly on the right side of light box (A9DX-0701000)



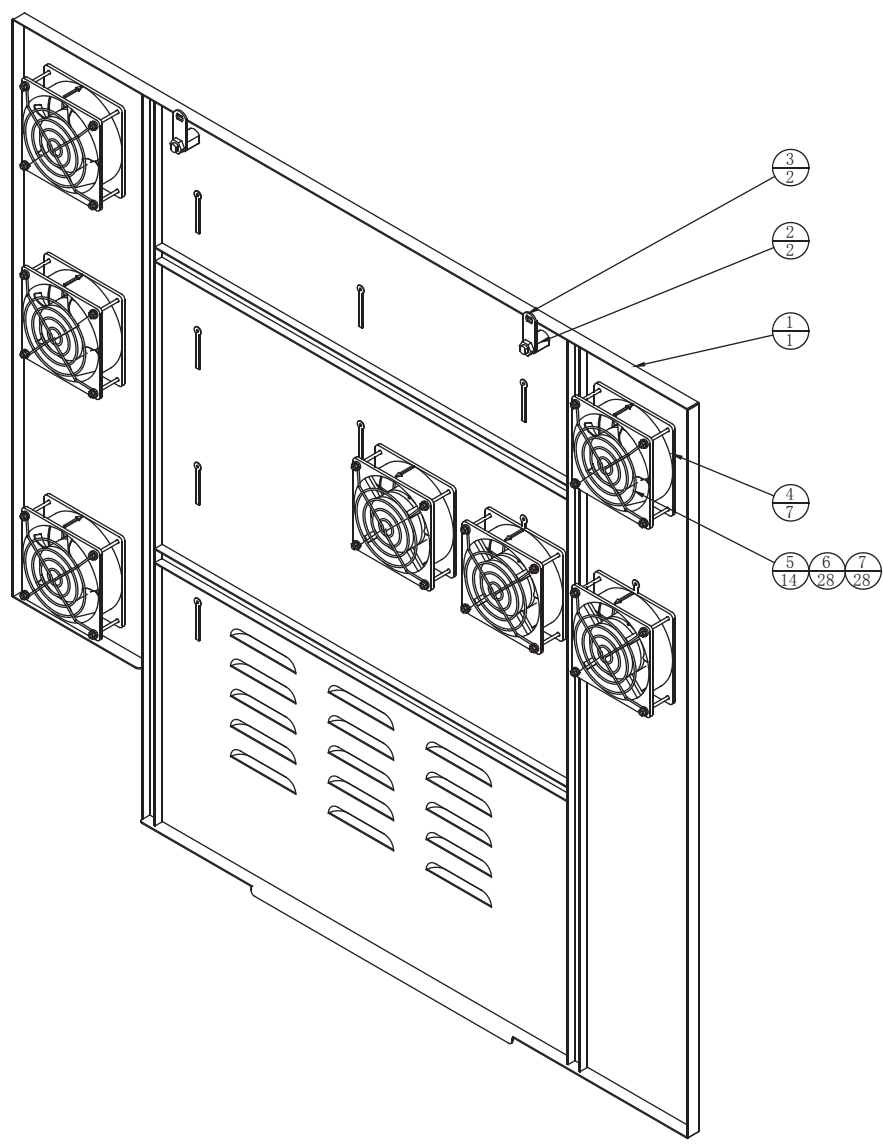
| 5   |              | cross the big flat head screw      | M4*8 (chrome)             | 6    |                |
|-----|--------------|------------------------------------|---------------------------|------|----------------|
| 4   |              | 5050 strip light (Ipd6803chip)     | DC12V RGB30 Light L=600mm | 1    | 1.4.ZM9E2080   |
| 3   | A9DX-0701A03 | Decorative light bar fixing plate  | SPCC-1.0T                 | 1    | 1.1.IG39A00990 |
| 2   | A9DX-0701A02 | Decorative light strip cover plate | SPCC-1.0T                 | 1    | 1.1.IG39A00980 |
| 1   | A9DX-0701A01 | Dengxiang sheet metal right        | SUS304-1.5T               | 1    | 1.1.IG39A00970 |
| No. | Draw No.     | Name                               | Material/Spec.            | Qty. | Product Code   |

### 6.9.2 Light assembly on the left side of the light box(A9DX-0702000)



|     |              |                                      |                            |      |                |
|-----|--------------|--------------------------------------|----------------------------|------|----------------|
| 5   |              | cross the big flat head screw        | M4*8 (chrome)              | 6    |                |
| 4   | A9DX-0701A02 | Decorative light strip cover plate   | SPCC-1.0T                  | 1    | 1.1.IG39A00980 |
| 3   |              | 5050 strip light (lpd6803chip)       | DC12V RGB 30 Light L=600mm | 1    | 1.4.ZM9E2080   |
| 2   | A9DX-0701A03 | Decorative light bar fixing plate    | SPCC-1.0T                  | 1    | 1.1.IG39A00990 |
| 1   | A9DX-0702A01 | Dengxiang car body panel repair left | SUS304-1.5T                | 1    | 1.1.IG39A01000 |
| No. | Draw No.     | Name                                 | Material/Spec.             | Qty. | Product Code   |

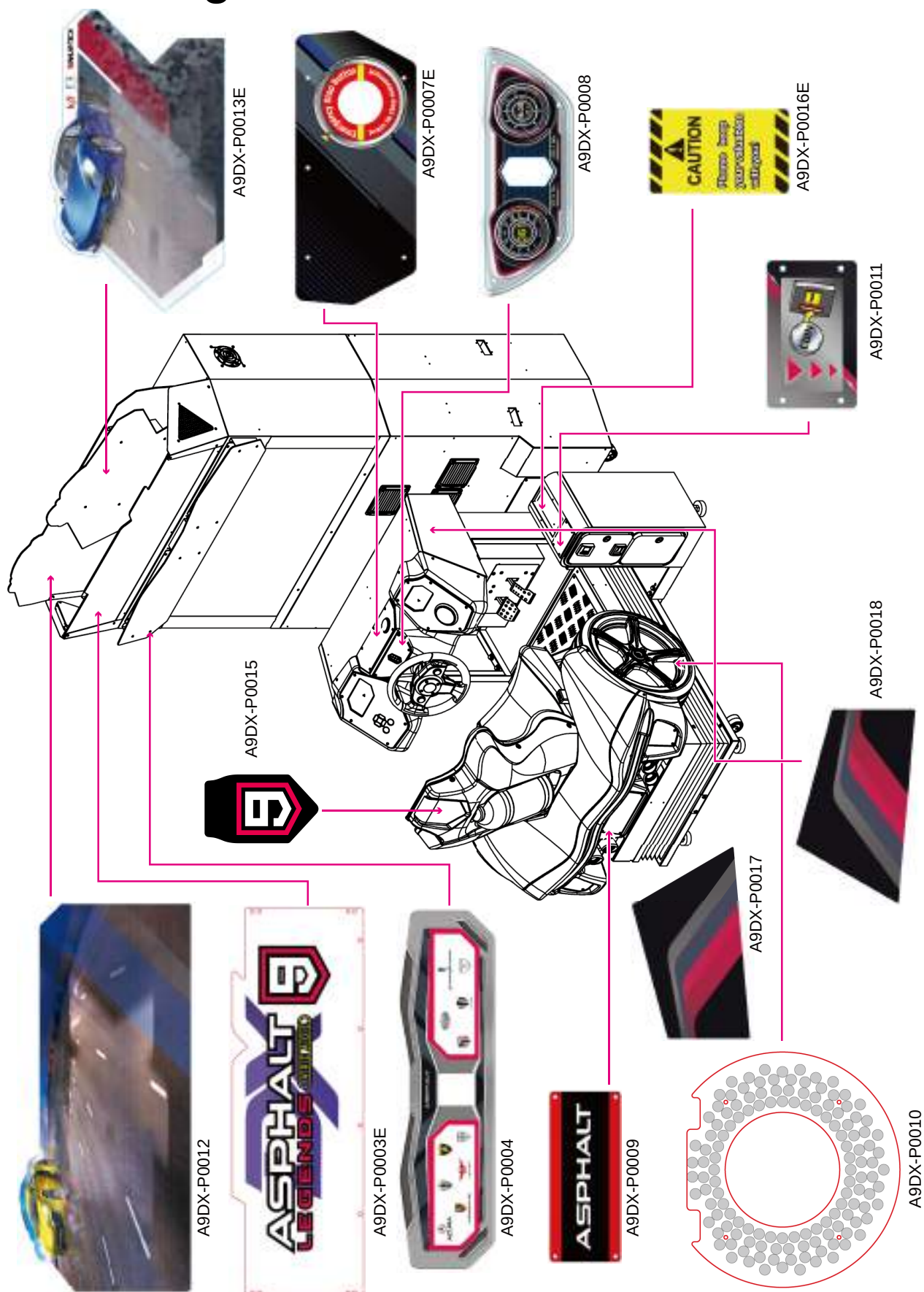
# 6.10 Maintenance door assembly(A9DX-0800000)



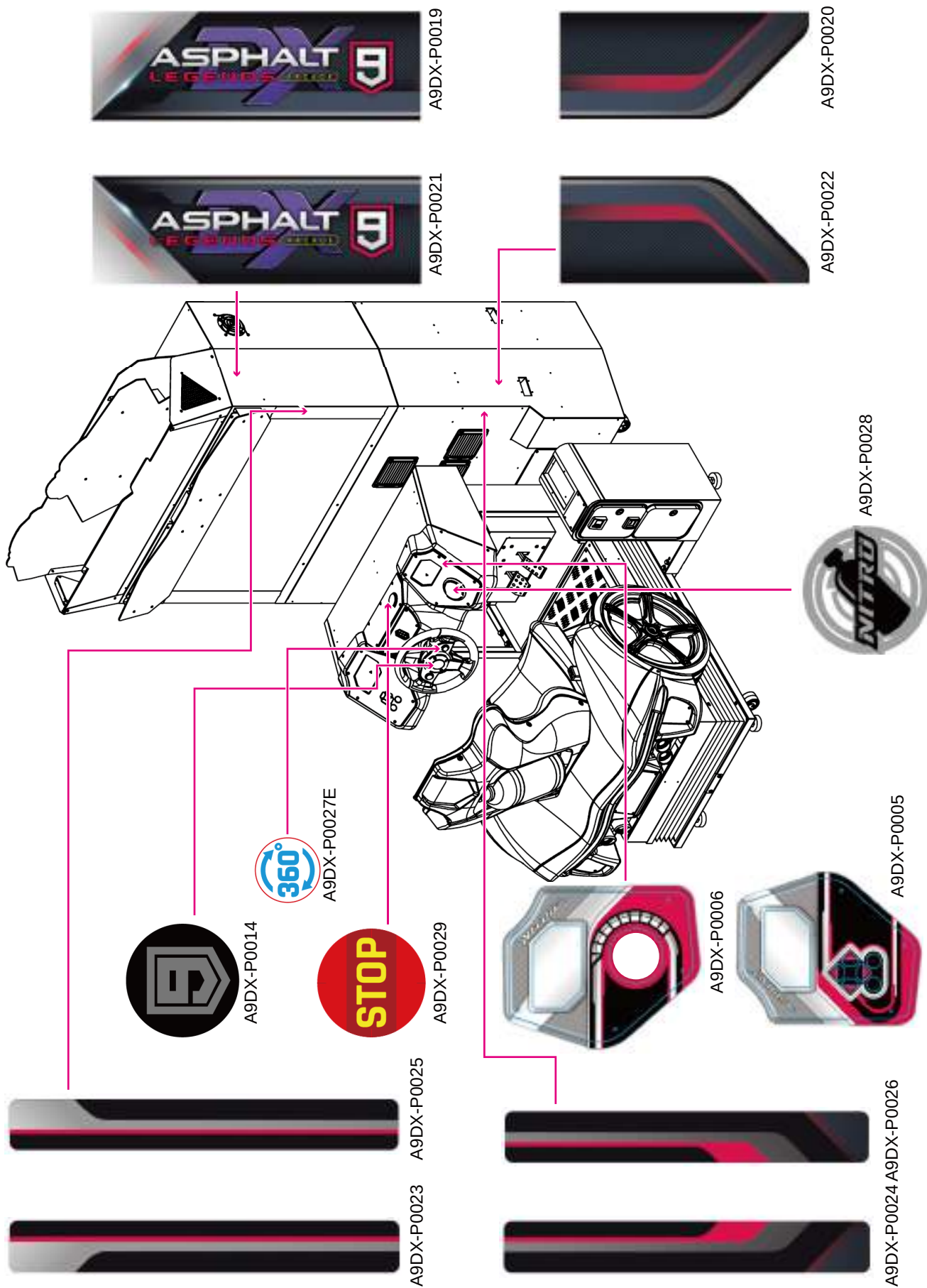
|     |              |                               |                           |      |                |
|-----|--------------|-------------------------------|---------------------------|------|----------------|
| 7   |              | hex head cap screw            | M4 (Colour)               | 28   |                |
| 6   |              | cross the big flat head screw | M4*50 (stainless steel)   | 28   |                |
| 5   |              | fan cover                     | 120*120                   | 14   | 1.4.FS300020   |
| 4   |              | fan with bearing              | 120*120/AC110V            | 7    | 1.4.FS200042   |
| 3   |              | locking plate                 | Three hole straight piece | 2    | 1.4.SJ120018   |
| 2   |              | Lingzhi door lock (21.5mm)    | 1810S                     | 2    | 1.4.SJ120011   |
| 1   | A9DX-0800A01 | Maintenance door              |                           | 1    | 1.1.IG39A01010 |
| No. | Draw No.     | Name                          | Material/Spec.            | Qty. | Product Code   |

# 7. Printing Pattern

1/2

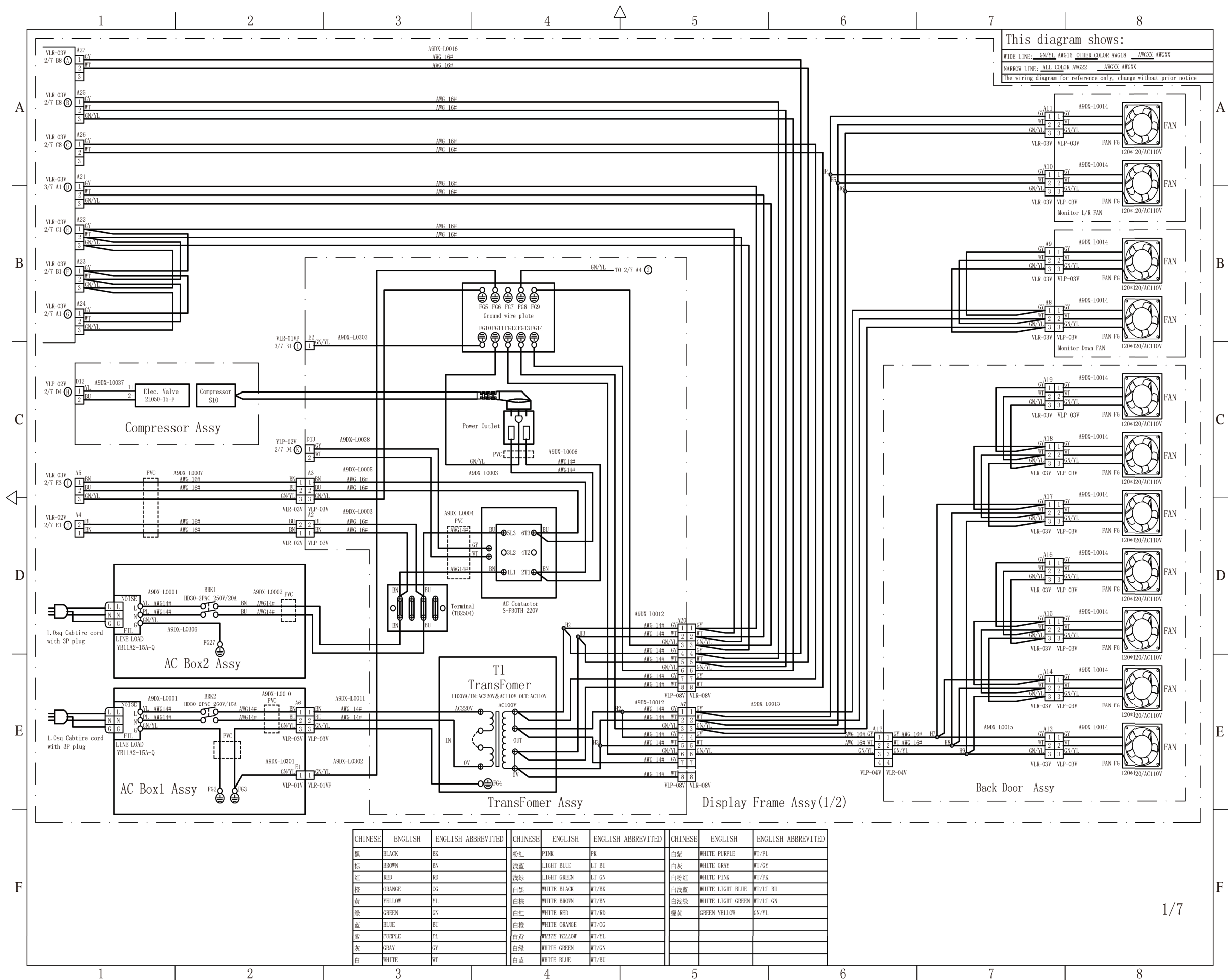


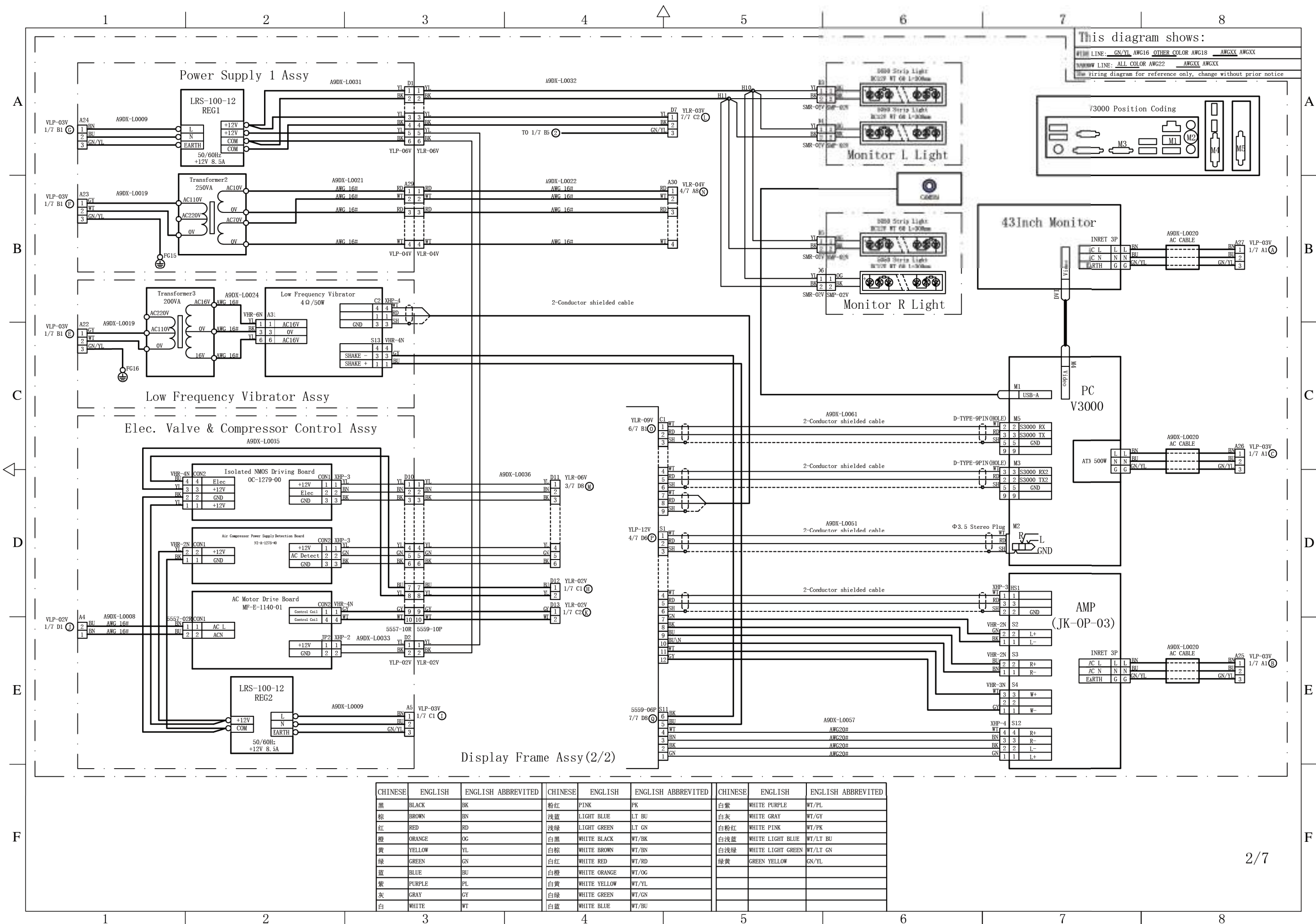


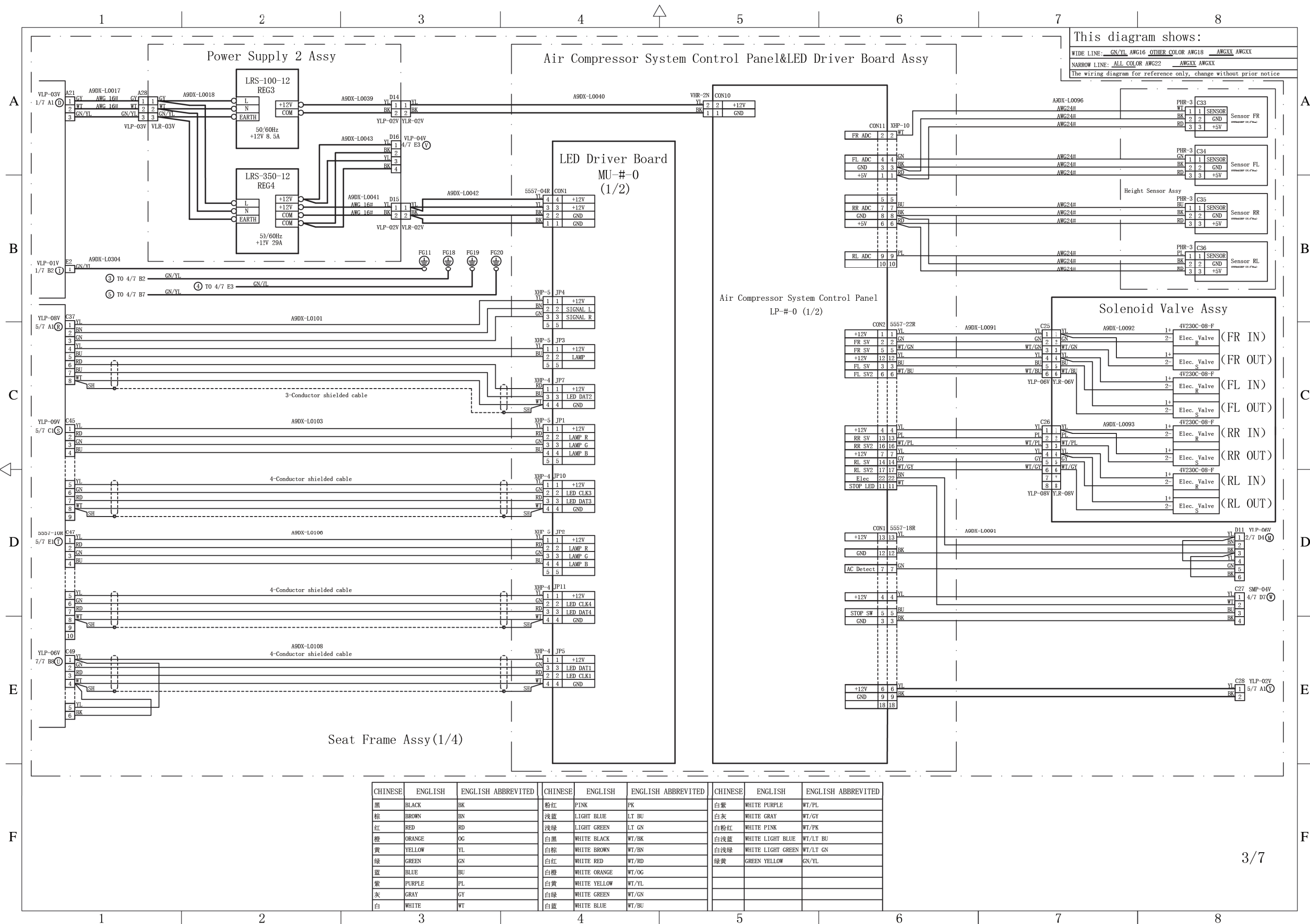


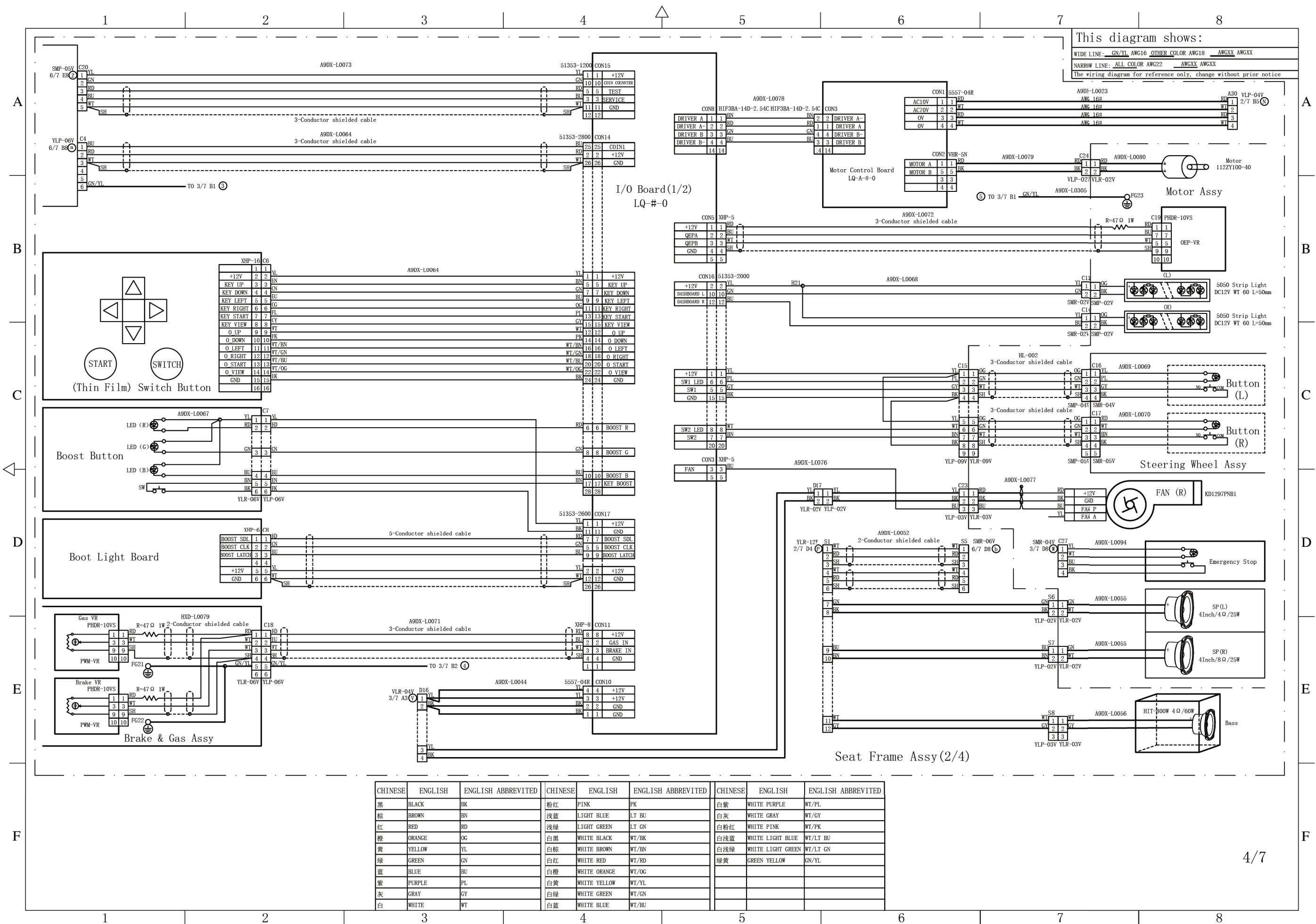


## 8. Wiring Diagram

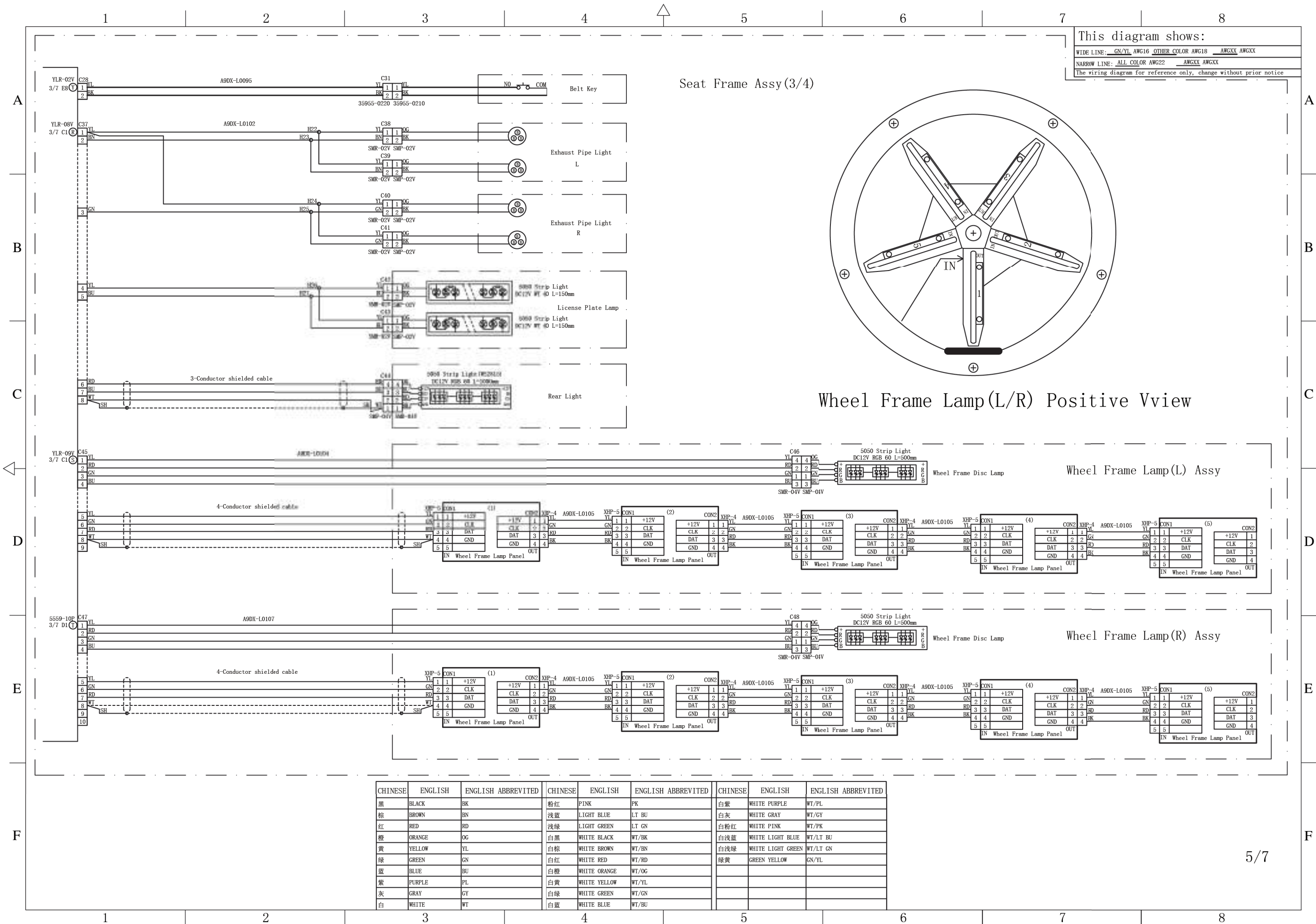




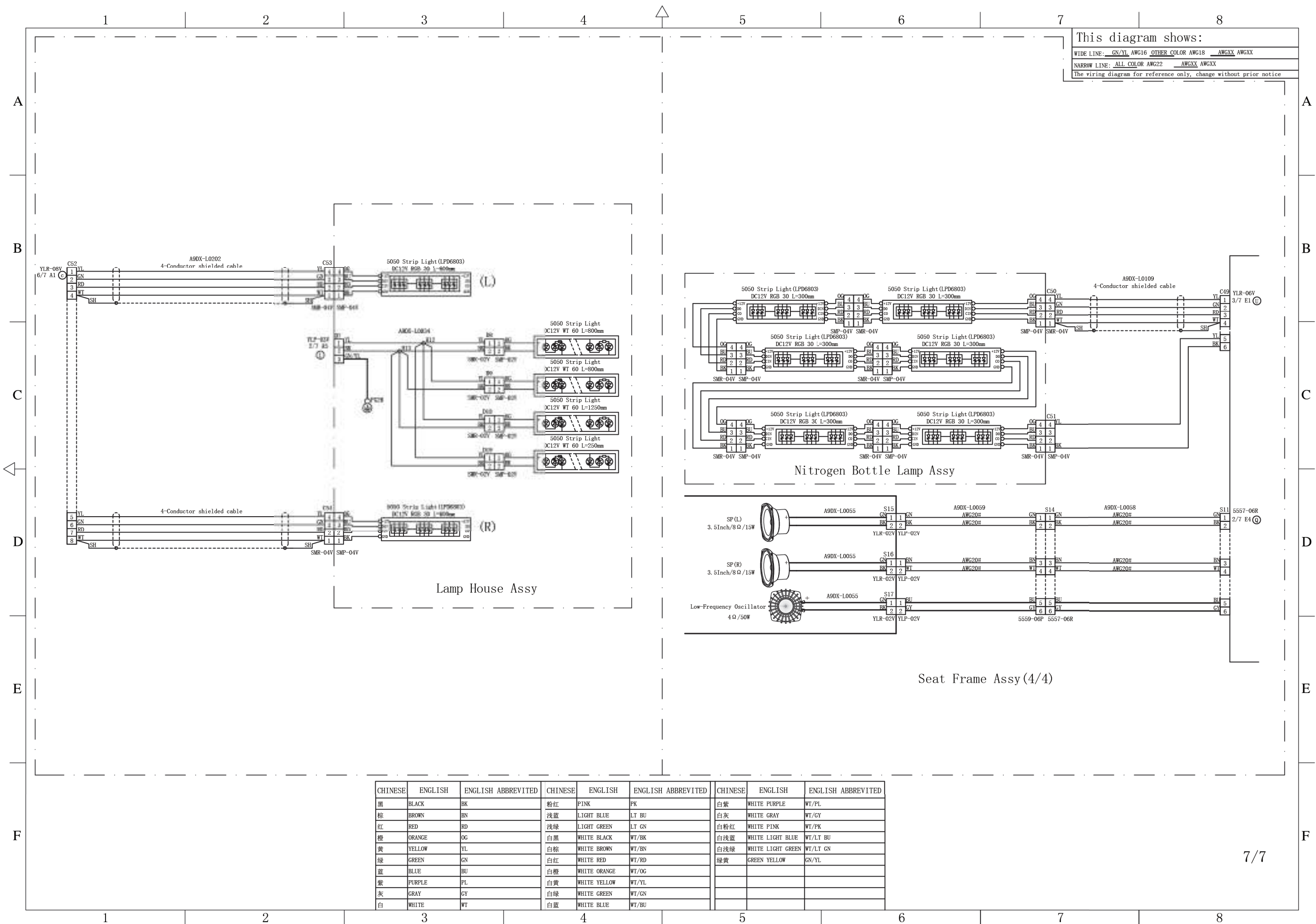














# After-sales Service

---

Honorable customer !

Thank you for purchasing our product !  
For your benefits , if you find any fault during the operation of the product, please use a technician who obtains a certificate related to mechanical engineering , electrical engineering or who engages in routine maintenance , repair and management of amusement machine to check the machine and inform us the fault in a timely manner. Our company will take corresponding measures to assist you to solve the problem promptly.

**NOTICE:** Do not dismount or replace any part of the machine without our technician's permission, or you will solely undertake the consequence !

Please pay attention to our contact information as follow:

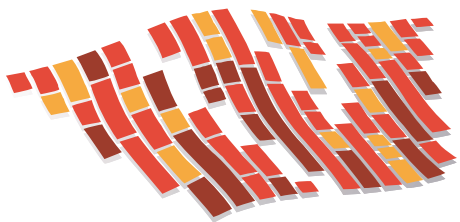
## **Guangzhou Wahlap Technology Corporation Limited**

Add: NO.28,Lianyun 2nd heng Road,Shiqi Town,Panyu District,  
Guangzhou City,China.

Tel: +86 20 39226222      Fax: +86 20 39226300

Service Hotline: 400-848-9222

<http://www.wahlap.com>



A9DX-P0036E



Ver. 2.00

**WHLAP TECH**

**IGS<sup>®</sup>**

The machine specifications or the information in this operation manual may be change without prior notice.  
For inquiries regarding the machine or machine repairs, please contact your distributor. ※