



User Manual

(PTS-FA / PTS-FANC)



IMPORTANT

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

About this user manual

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

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

Please carefully store this user manual at where it can be easily accessed and read. In addition, Operators who assign others to transport, move, install, repair and maintain this machine shall read the relevant content in this manual in advance and instruct the assigned personnel to carry out the work as suggested in the manual.

Disclaimer

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

Trademarks

IGS® is a registered trademark of International Games System Co., Ltd.

© Copyright All Rights Reserved, International Games System Co., Ltd.

No part of this document may be reproduced or transmitted in any form or by any means without the express written permission of IGS.

Safety Guidelines



General

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



Installed locations

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



Power

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

- Do not immediately unplug or plug in the cabinet.
- When unplugging the electric cord, tightly hold the plug and avoid pulling the electric cord.



Transporting

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



Moving

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



During the play

- To prevent customers from being injured or encountering accidents, people in the following categories should avoid using this product:
 - People with unsatisfactory health conditions such as patients of hypertension or heart disease
 - People with injuries or are physically disabled
 - People wearing slippery shoes or high heels
 - People who are unable to step on the pedal when sitting on the seat
 - People who are pregnant, drunk or would easily feel dizzy
- If customers feel uncomfortable during their play, remind them to pause or discontinue their play.
- Each truck seat is designed for one player only, and no more than two passengers should occupy one seat.
- Remind customers to carefully read the warning labels as well as other informative descriptions, and operate according to instructions to avoid electric shocks or short circuits, etc.

Table of Contents

About this manual.....	1	5.4.5 Sound Settings	35
Safety Guidelines	2	5.4.6 Difficulty	36
1. Quick installation	5	5.4.7 Flow Time	37
2. Introduction of the cabinet	8	5.5 System settings	37
2.1 List of accessories.....	8	5.5.1 Link setup.....	38
2.2 Overview of the cabinet.....	9	5.5.2 System time.....	39
2.3 Name of the parts.....	11	5.5.3 Restore factory settings.....	40
2.4 Specification of the cabinet	14	5.6 Bookkeeping.....	41
3. Installation and connection	16	5.6.1 Daily.....	41
3.1 Transporting or moving the cabinet.....	16	5.6.2 Monthly.....	42
3.2 Fastening the cabinet.....	17	5.6.3 Total	44
3.3 Connection and Power.....	17	5.6.4 Clear all.....	45
3.4 Determine the group number and player number.....	18	6. Maintenance and repair	46
4. Introduction of the game	20	6.1 Routine inspection	46
4.1 Overview of the game	20	6.2 Cleaning and maintenance.....	46
4.2 Specific ways of play.....	20	6.3 Replacing parts	47
4.3 Operating the game.....	21	6.3.1 Replacing the control pad	47
5. Operator settings	24	6.3.2 Replacing the direction control button.....	47
5.1 Framework of the menu.....	24	6.3.3 Replacing the card reader (PTS-FA).....	48
5.2 Using operator settings.....	25	6.3.4 Replacing the LED of card reader	48
5.3 Hardware diagnostics	26	6.3.5 Replacing the rear light board.....	49
5.3.1 I/O test.....	26	6.3.6 Replacing the side light board.....	50
5.3.2 Force feedback wheel test.....	28	6.3.7 Replacing the light board of head light.....	51
5.3.3 Lamp test.....	28	6.3.8 Replacing the tube of light box.....	52
5.3.4 Card reader test (PTS-FA).....	29	6.3.9 Replacing the upper bass shaker	53
5.3.5 Monitor test.....	29	6.3.10 Replacing the lower bass shaker	54
5.3.6 Sound test.....	30	6.3.11 Replacing the coin box.....	55
5.3.7 Seat vibration test.....	30	6.3.12 Replacing the light board of exhaust pipe.....	55
5.3.8 Coin meter test	31	6.3.13 Replacing the VR of the steering wheel.....	56
5.3.9 Local link test.....	31	6.3.14 Replacing the switch of transmission.....	57
5.4 Game settings	32	6.3.15 Replacing the throttle and brake	57
5.4.1 VR adjustment.....	33	7. Troubleshooting	58
5.4.2 Location setup.....	34	Appendix: Assembly illustration	60
5.4.3 Store name	34	Appendix2: Wiring diagram of the cabinet	110
5.4.4 Coin assignment.....	35		

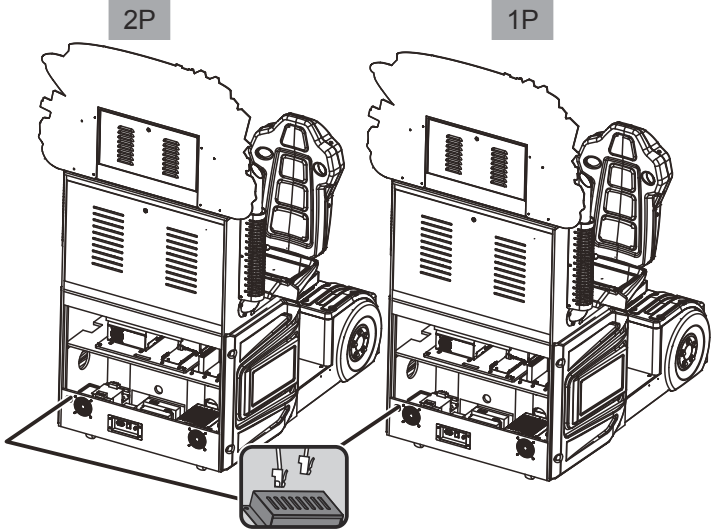
1 Quick Installation

1 Connection and turning on the power

Q Networking Setup

Setting up 2 cabinets

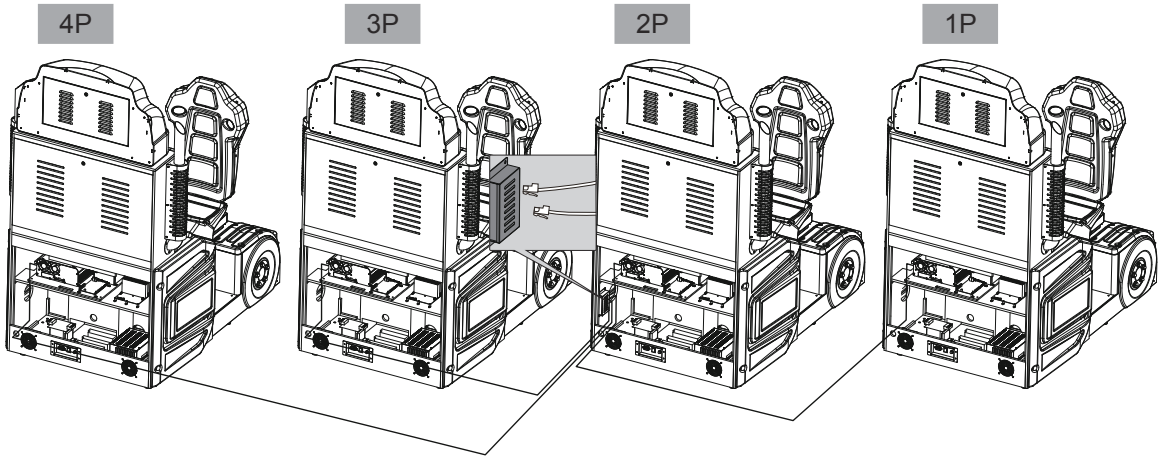
- Use the key to open the door of the maintenance door located in the back of the cabinet.



- Plug in the included Network cable to the port of the second cabinet (viewed from the back).

Setting up 4 cabinets

- Use the key to open the door of the maintenance door located in the back of the cabinet.
- Plug in the included Network cable to the port of the second cabinet (viewed from the back).



b Plugging in the wire

Plug in one side of the included AC wire to the port labeled as [AC power socket] located in the back of the cabinet, and plug in the other side to the fused socket.

C Turn on the power

Turn the switch to I located in the back of the cabinet and launch the cabinet.

2 Basic settings

Under the standby mode, open the coin box and press the [Test] button to enter [Operator settings].

A Set up the group number and Player number of the cabinet

- Example of connecting 2 cabinets (viewed from the front of the cabinets):

cabinet (left)	cabinet (right)
Number of linked machines : 2	Number of linked machines : 2
Player number of this machine : 1P	Player number of this machine : 2P
Group number :1	Group number :1

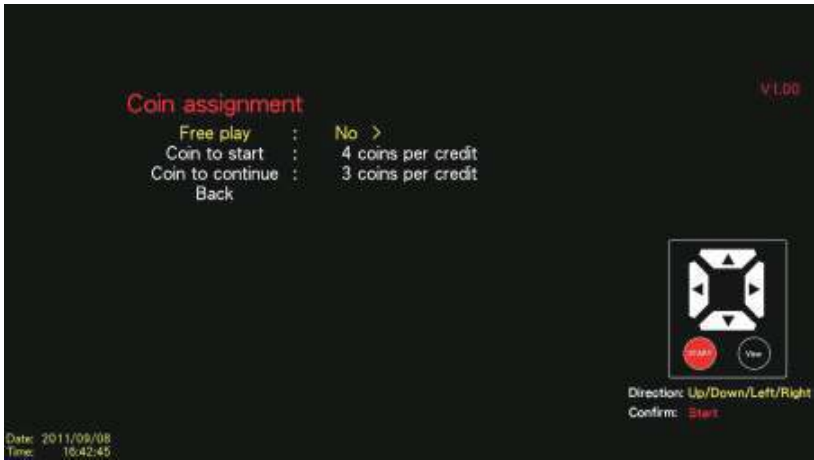
- Example of connecting 4 cabinets (viewed from the front of the cabinet):

cabinet (left)	cabinet (right)	cabinet (left)	cabinet (right)
Number of linked machines : 4	Number of linked machines : 4	Number of linked machines : 4	Number of linked machines : 4
Player number of this machine : 1P	Player number of this machine : 2P	Player number of this machine : 3P	Player number of this machine : 4P
Group number :1	Group number :1	Group number :1	Group number :1

- When settings are completed, you can enter [Operator settings] > [Hardware diagnostics] > [Local link test] to run testing. (For detailed instructions, refer to 5.3.9 Connection)

b Setting the number of coins to be inserted

- Enter [Operator settings] > [Game settings] > [Coin assignment].

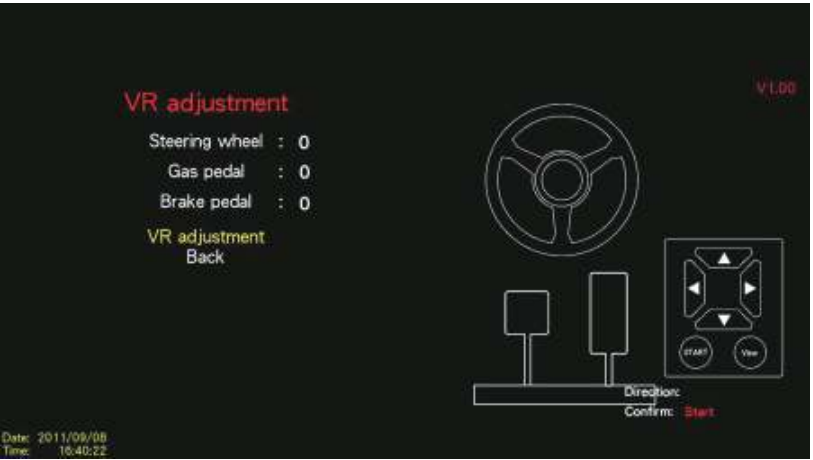


C Setting other related items (recommended)

- Enter [Operator settings] > [System settings] > [System time], and set up the time of cabinets to be connected to be the same.
- Enter [Operator settings] > [Game settings] to set up the location and name of the store.

3 Setting up operations

Enter [Operator settings] > [Game settings] > [VR adjustment].



Then a message of [Turn the steering wheel to the middle, then press START button] will be displayed, and after settings are completed, an icon of [OK!!!] will pop out.

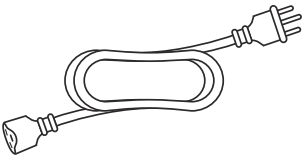
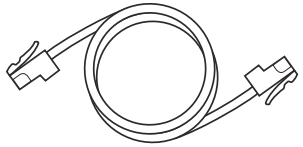

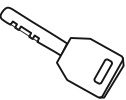
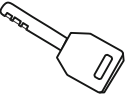
- 1 Later the screen will show [Turn the steering wheel left to the end, then press [START] button, and after settings are completed, an icon of [OK!!!] will pop out.
- 2 Repeat the above mentioned steps to continue adjusting other items.
- 3 When settings are completed, move the cursor to [Back], and press the [Start] button to leave this page.

4 Completed

2 Introduction of the Cabinet

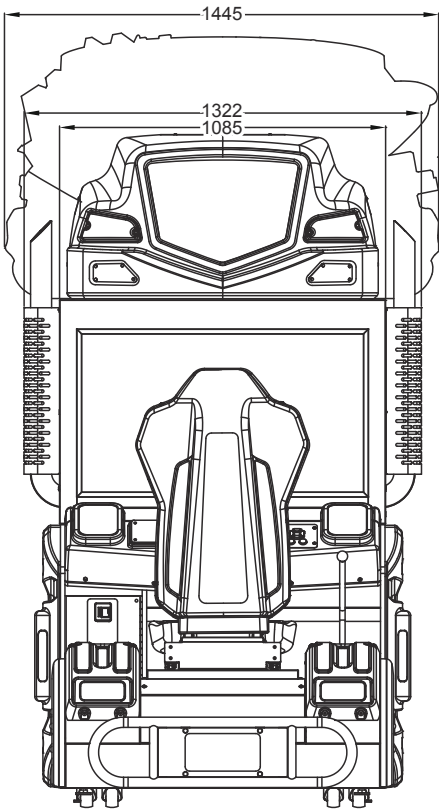
2.1 List of the accessories

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

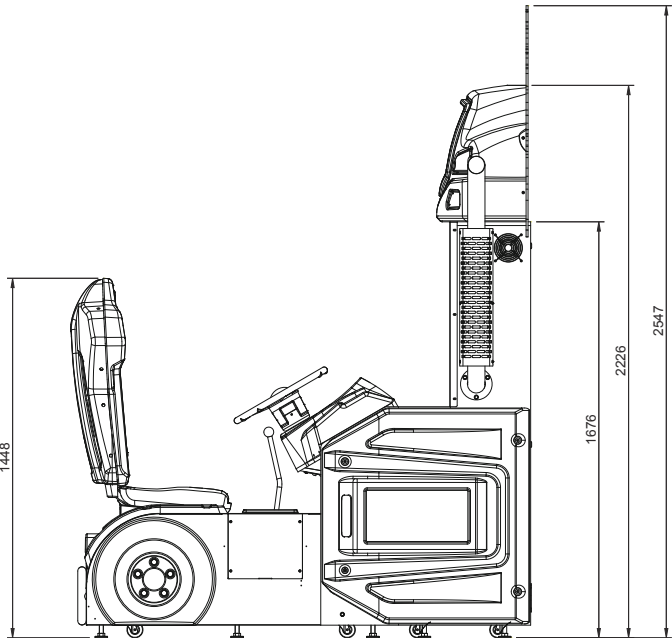
Name of accessories	Picture	Quantity	Notes
AC cable		1	
Network cable		1	
User manual		1	
Controlling panel key		2	
Coin slot key		2	

2.2 Overview of the cabinet

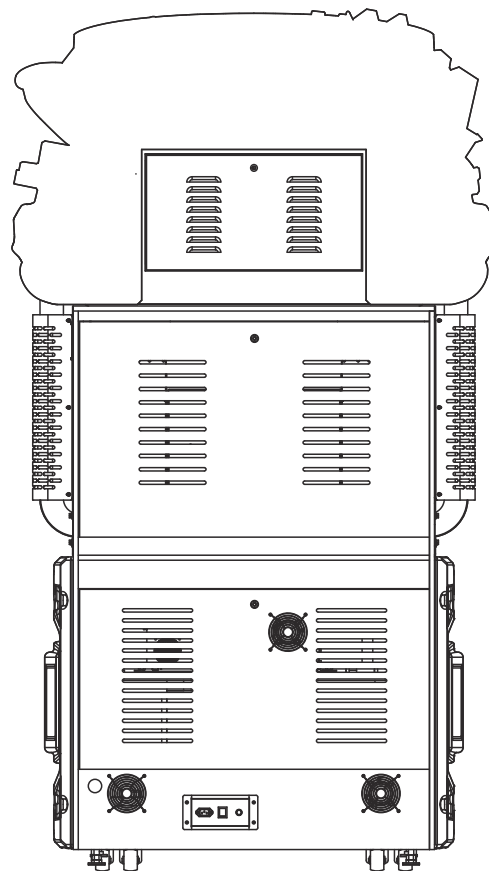
■ Viewed from the front



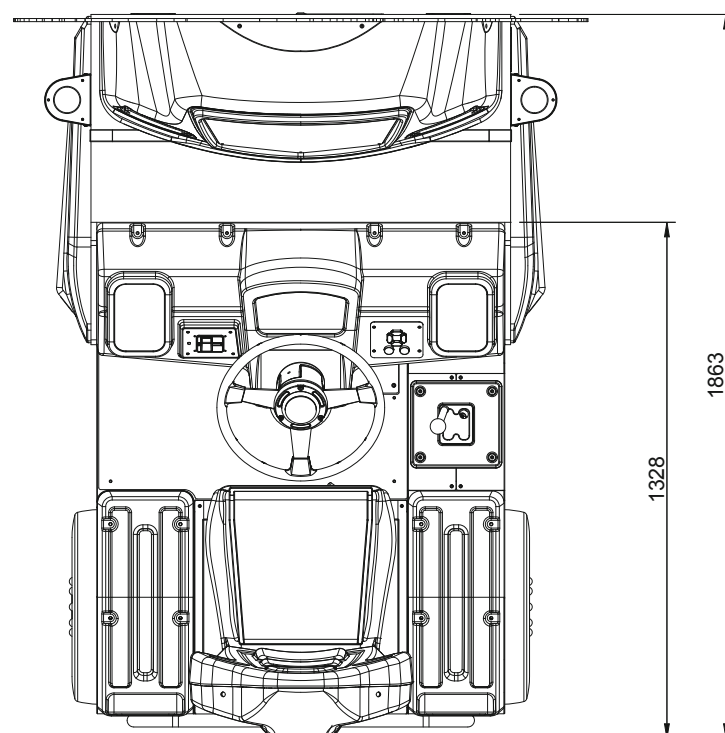
■ Viewed from the side



■ Viewed from the back

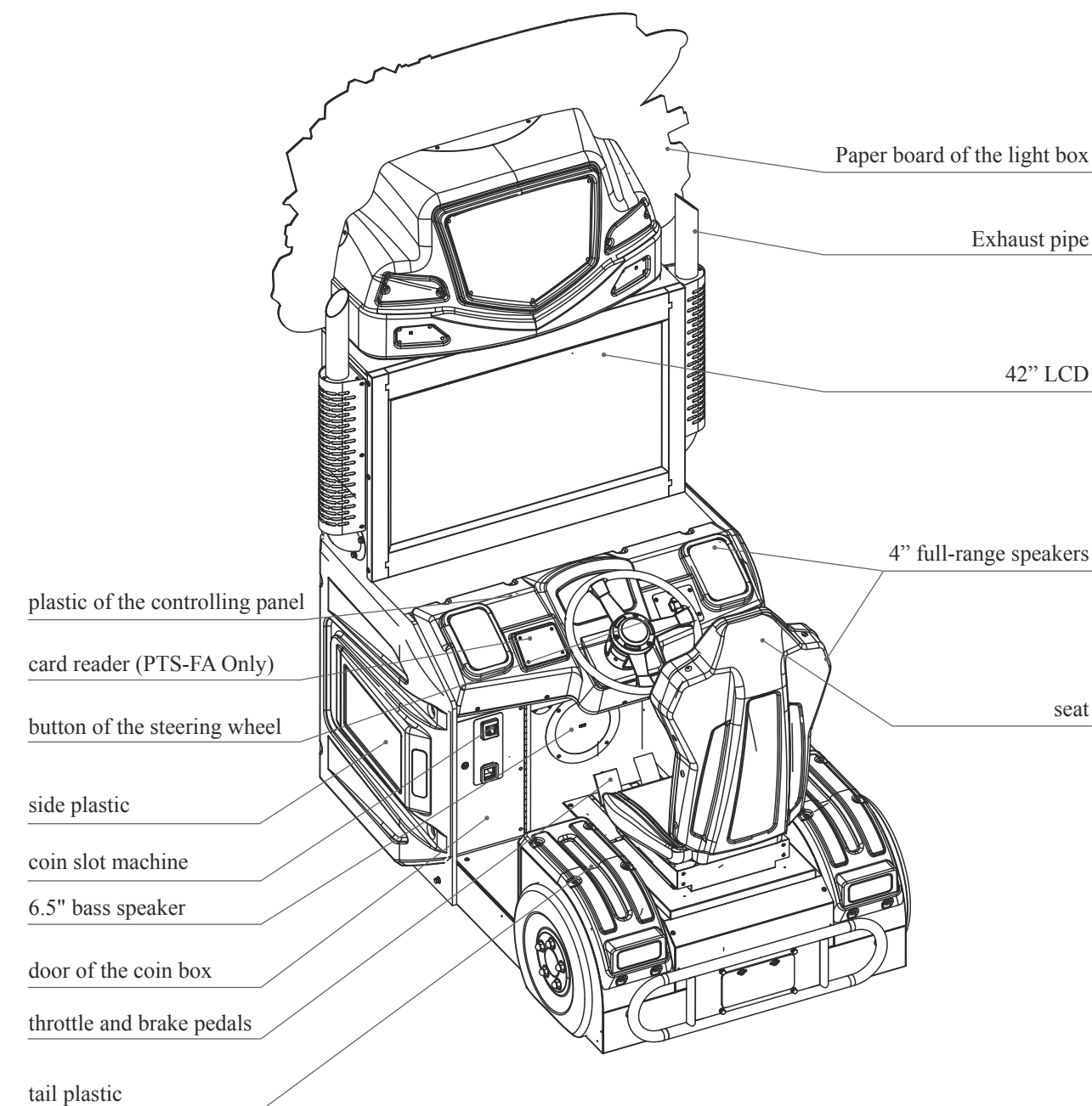


■ Viewed from the top

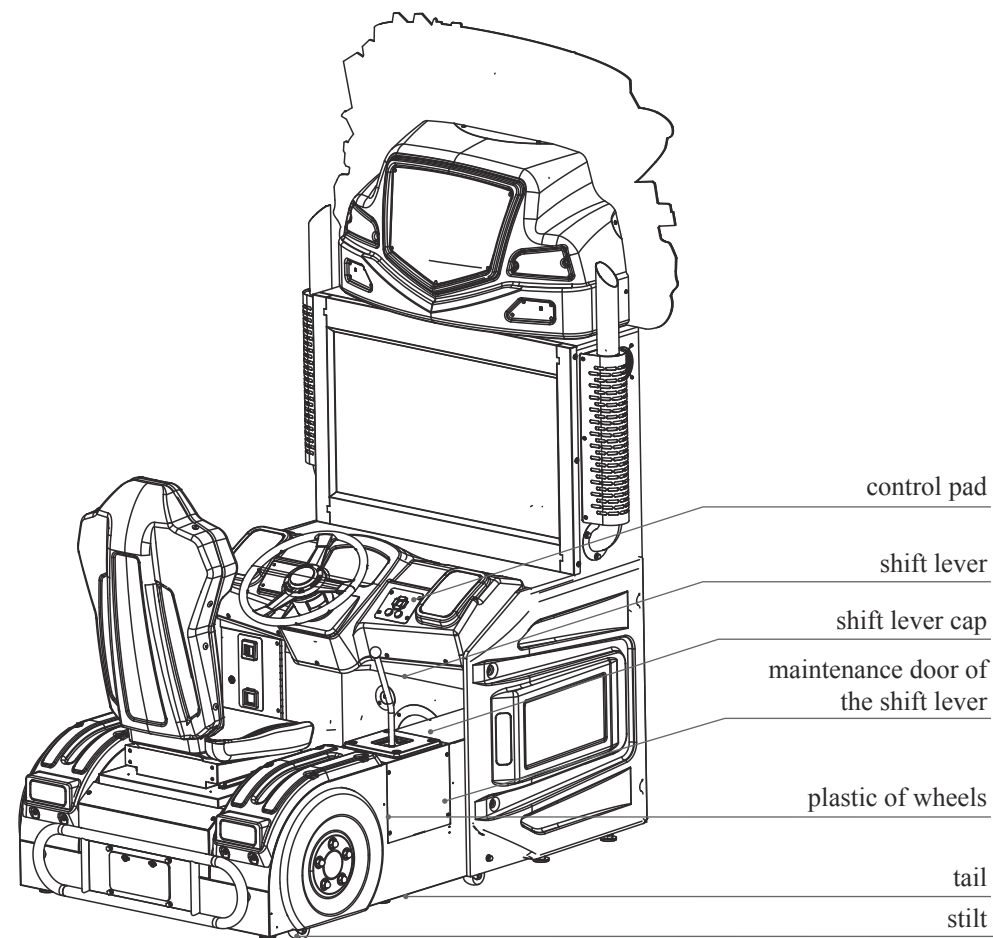
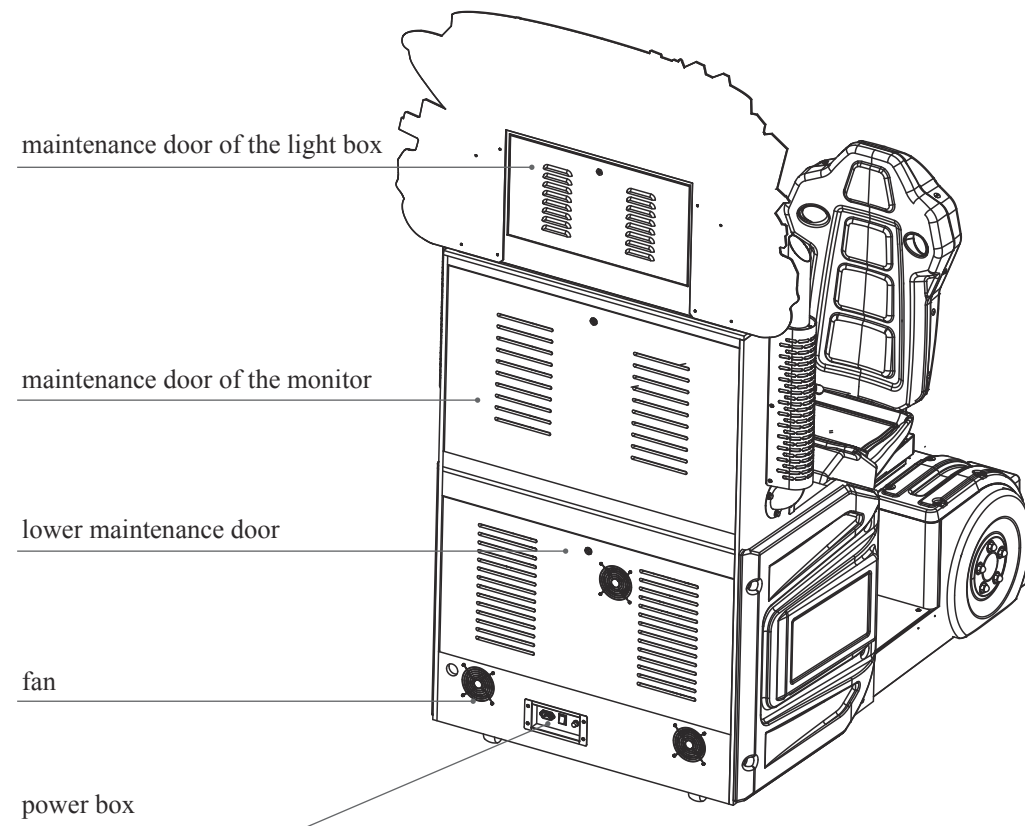


2.3 Name of the parts

■ Name of the exterior cabinet

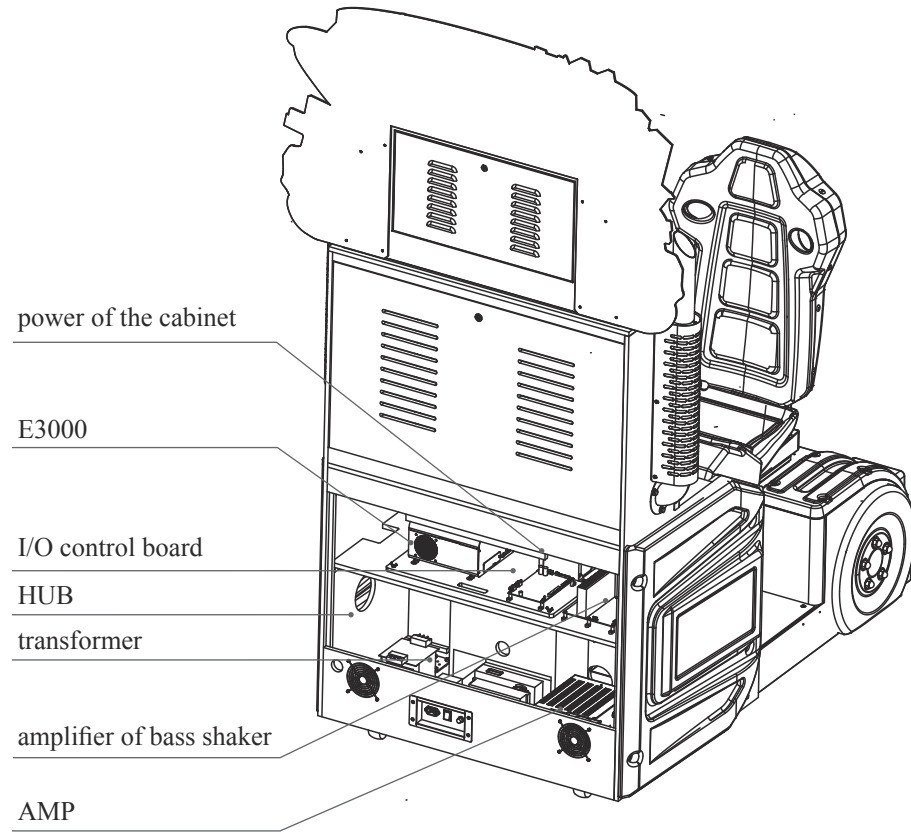


Introduction of the Cabinet

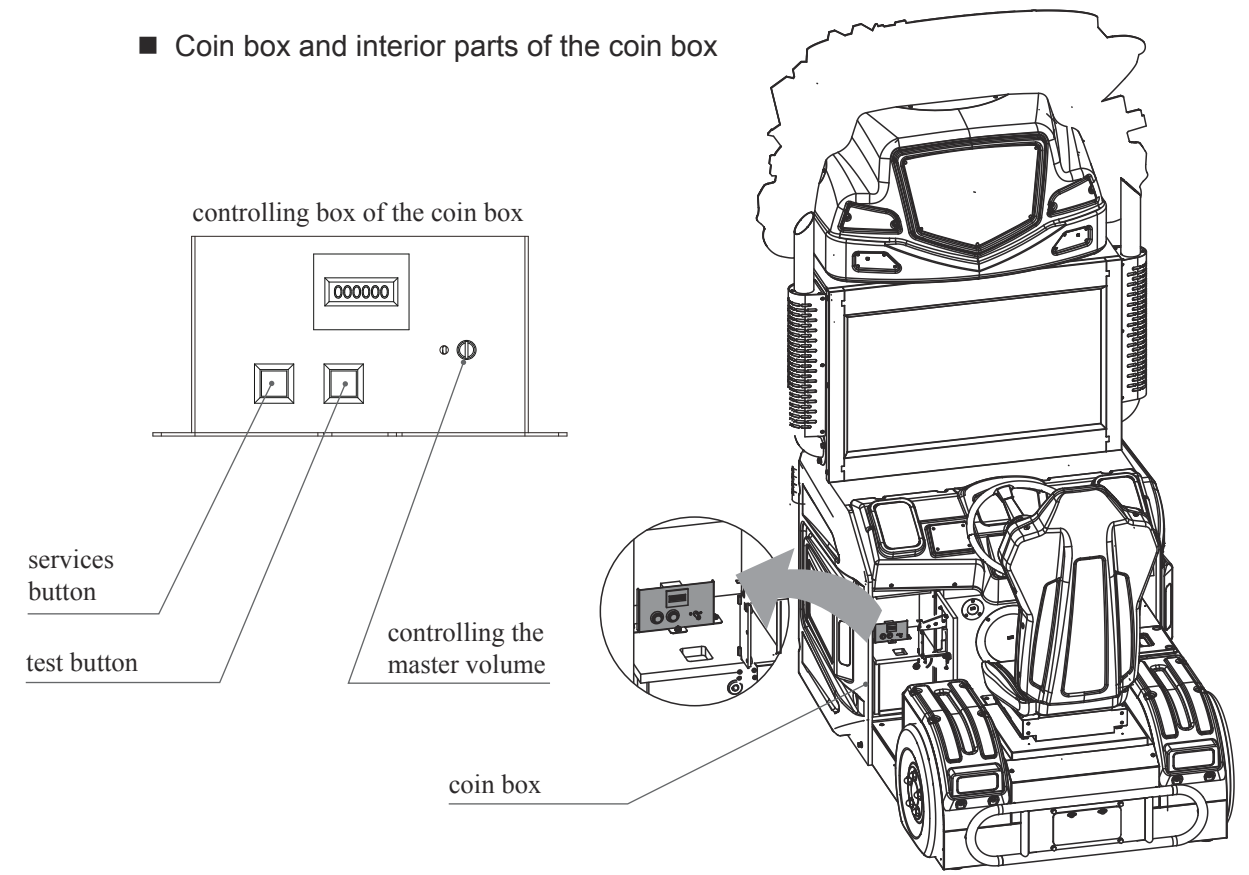


Introduction of the Cabinet

■ Name of the interior cabinet



■ Coin box and interior parts of the coin box



2.4 Specification of the cabinet

Category	Items	Specification
Concrete item	size of the cabinet	▶ 1480(W)mm x 1865(D)mm x 2550(H)mm (including the bold contour plate) ▶ 1320(W)mm x 1865(D)mm x 2230(H)mm (not including the bold contour plate)
	weight	The weight is around 300 kgs
Power	power	AC220V (50Hz) / AC110V (60Hz)
	Power Consumption	800W
Main Cabinet	cabinet	E3000, AC220V
	amplifier	▶ full-range AMP set (on both sides of the controlling panel): AC220V/100W ▶ AMP (for seats): DC 12, 24W ▶ Amplifier of bass shaker: AC220V/100W*2 Channel
Buttons and operation	control panel	▶ Buttons: UP, DOWN, LEFT, RIGHT, START/VIEW buttons ▶ Button for horn, controlling the steering wheel
	bottom of the control panel	Bottom brake of the controlling panel, throttle, shift lever (first, second, third and fourth gear)
	coin box	Coin slot machine of the coin box, counter of the coin slot machine, testing, services, master volume
Light sets	control panel	Buttons of the controlling panel (UP, DOWN, LEFT, RIGHT, and START/VIEW, HORN)
	light box	light board of head light x2, light tube x3
	exhaust pipe	light board of the exhaust pipe x6
	body	rear light board of the cabinet x2, side light board x2
Fan	power	AC220V (50Hz)
Card reader (PTS-FA Only)	interface	USB interface
	card	IC game chip card
Network	standard	IEEE 802.3 (10BASE-T), IEEE 802.3u (100BASE-TX)
	transfer rate	10/100 Mbps
	maximum number of cabinets	4

Monitor	type	LCD
	LCD	Size 42 inches (16:9)
	power	AC110V – AC220V (50Hz/60HZ)
Speakers	size/ resistance/ power	▶ Mid to high sound (on both sides of the controlling panel): 4 inches, 4 Ohm/ 25W X2 ▶ Mid to high sound (on both sides of the seat): 3.5 inches, 8Ω/15W x2 ▶ Bass (in the bottom of the screen): 6.5 inches, 8 Ohm, 100W ▶ Bass shaker (in the bottom and back of the seat): 4 Ohm /100W X 2
Environment	operating temperature	0-40°C
	storing temperature	-10~80°C
	relative moisture	< 85% none coagulation status

3 ■ Installation and Connection

3.1 Transporting or moving the cabinet

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



Reminders for transporting

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



Reminders for moving

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

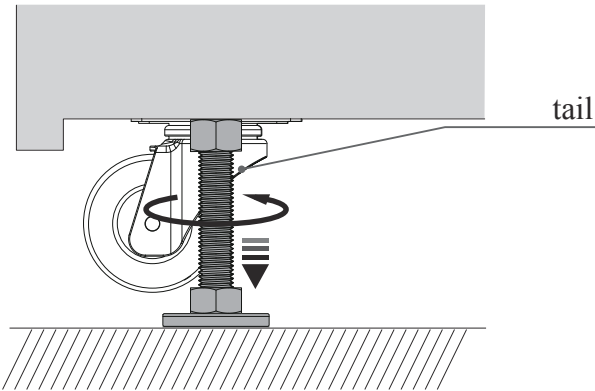


Reminders for installation

- This product is for indoor use only, and do not place it outdoors, or the following locations:
 - Places under direct sunlight, are leaking, damp and of high temperature
 - Around inflammable, volatile and dangerous objects
 - Places with uneven, unstable surface or frequent vibration
 - Around the emergency exit or fire-extinguishing facilities such as fire extinguishers
- The vent located in the bottom of this product is for the cabinet and monitor to emit warm air, and do not place any object close to the vent, or malfunction might occur.
- The cabinet should be kept from walls, other cabinets and passageway by at least 30 cm.

3.2 Fastening the cabinet

Fasten the cabinet with the tail located in the bottom:
Counterclockwise turn the tail till a distance of at least 5mm is kept between the caster and the floor.

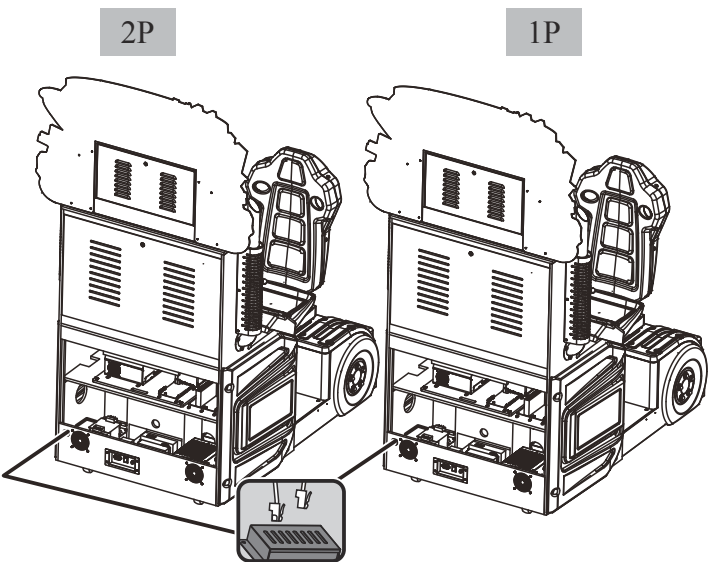


3.3 Connection and Power

① Prepare Network cables depending on the number of cabinets to be connected.

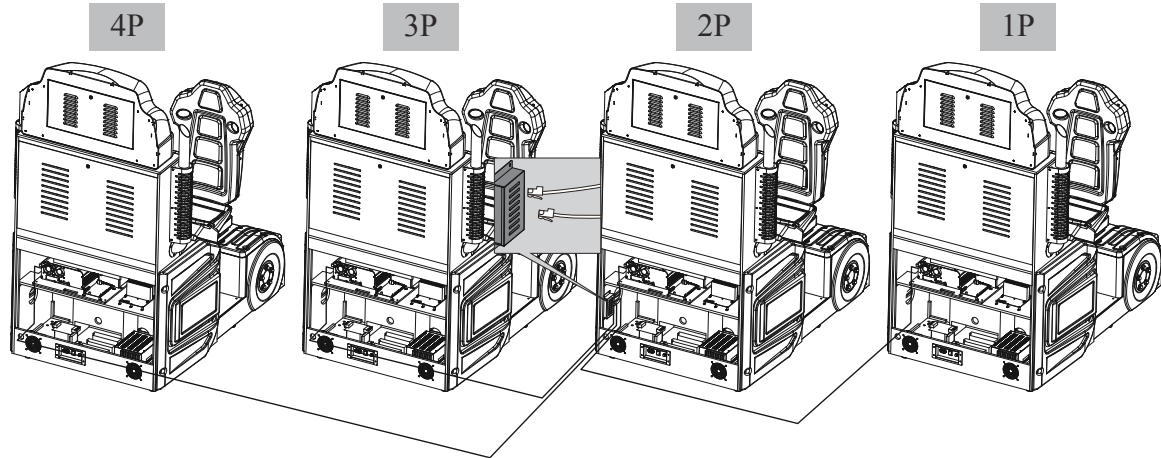
■ Connecting 2 cabinets

- Use the key to open the door of the maintenance door located in the back of the cabinet.
- Plug in the included Network cable to the port of the second cabinet (viewed from the back).



■ Connecting 4 cabinets

- Use the key to open the maintenance door located in the back of the cabinet.
- Then plug in the included Network cable to the port of the second cabinet (viewed from the back).

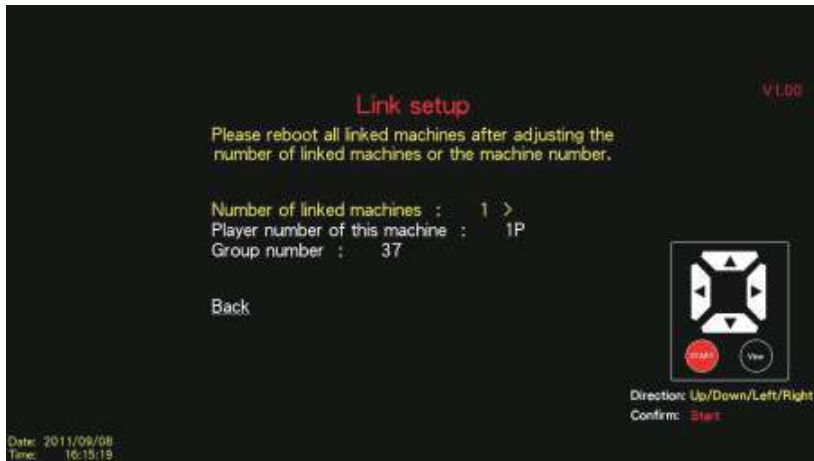


- 2 Plug in one side of the included AC cord to the socket where a label of [AC power socket] is placed, and plug in the other side to the fused socket.
- 3 Turn the switch on the back of this product to I, and launch the cabinet.

3.4 Determine the group number and player number

In order to launch a multi-player game (a maximum of 4 cabinets is allowed), you must assign the cabinets into the same group but different player number. If four cabinets are to be connected, then appoint their player number as 1P, 2P, 3P, and 4P.

- 1 Under the standby mode, open the coin box, and press the [Test] button to enter [Operator settings].
- 2 Enter [Operator settings] > [System settings] > [Link setup].



- 3 Assign the cabinets into the same group but different player number.

■ Example of setting up the connection for two cabinets (viewed from the front of the cabinets):

cabinet (left)	cabinet (right)
Number of linked machines : 2 Player number of this machine : 1P Group number : 1	Number of linked machines : 2 Player number of this machine : 2P Group number : 1

■ Example of setting up the connection for four 4 cabinets (viewed from the front of the cabinets):

cabinet (left)	cabinet (right)	cabinet (left)	cabinet (right)
Number of linked machines : 4 Player number of this machine : 1P Group number : 1	Number of linked machines : 4 Player number of this machine : 2P Group number : 1	Number of linked machines : 4 Player number of this machine : 3P Group number : 1	Number of linked machines : 4 Player number of this machine : 4P Group number : 1

- After all settings are completed, you can enter [Operator settings] > [Hardware diagnostics] > [Local link test] to running the testing. (For detailed instructions, refer to <5.3.9 Local link test >.

4. Instructions of the game

4.1 Overview of the game

<Power Truck> is a brand new racing game for large vehicles including tractors and buses. In this game, a variety of tools, routes and challenges will be provided. The frame of vehicles used in this game is designed as that of real trucks with large steering wheels, which can turn up to 270 degrees. In addition to the four-gear long shift lever, the angles of seats and pedals are also close to the proportion of real trucks, and the vibration function is included. When the engine is running or vehicles are hit by other trucks, players can clearly sense the vibration, which will enhance the thrilling atmosphere during the game and enable players to fully engage in this speeding race.

4.2 Specific ways of play

- Five game modes
 - Race: battle with rivals(PTS-FANC)
 - Story: to experience the plot of the original stories; connection is not required (PTS-FA)
 - Time Trial: to compete for the best race time
 - Slam: to earn points by crashing within the given time
 - Drift: to earn points by drifting within the given time
 - Battle: this mode allows for four players to play at the same time; good for a group of friends
- Ten transforming modes and morethan 250 modifications for interior and exterior look (PTS-FA)
- Including force feedback for the latest vibration and steering wheel
- Booster allows the truck to accelerate and speed to its maximum speed
- Woofer enables the truck to instantly fire off surrounding vehicles
- Personal data and remodeling accessories can be stored in game chip cards (PTS-FA)
- Theme-styled scenes including streets, airports, highway, industrial park and snow land
- Visual stimuli are provided such as exciting drifting and crashing



4.3 Operating the game

In addition to the basic operations of using the throttle and brake, other operations are as follows:

- 1 Button for horn: besides sounding the horn, **Booster** and **Woofer** can also be utilized.
- 2 Move the steering wheel to the left and right to make turns.
- 3 When the game is in process, press the [View] button to switch view
- 4 Move the steering wheel and let go the throttle to do drifting.



Introduction of the game

5

With manual transmission, players can switch gears by using the four-speed long shift lever.



6

When the game is in process (under [single player mode] only), press [left], [right], and [brake] at the same time to stop the game.

This function is not working under [multi-players mode].



Introduction of the game

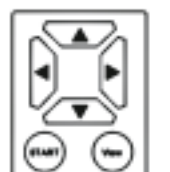
■ Instructions of the using the buttons



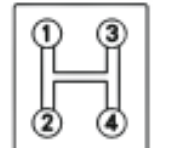
Steering wheel & horn
To control the direction and tools to be used



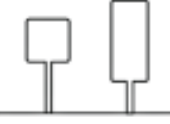
Controlling panel
Select by using the [UP], [DOWN], [LEFT] and [RIGHT] buttons; press the [Start] button to confirm and switch views by using the [View] button.



Shift lever
Use the four-speed long shift lever to switch gears.



Throttle & brake pedals
To control driving speed

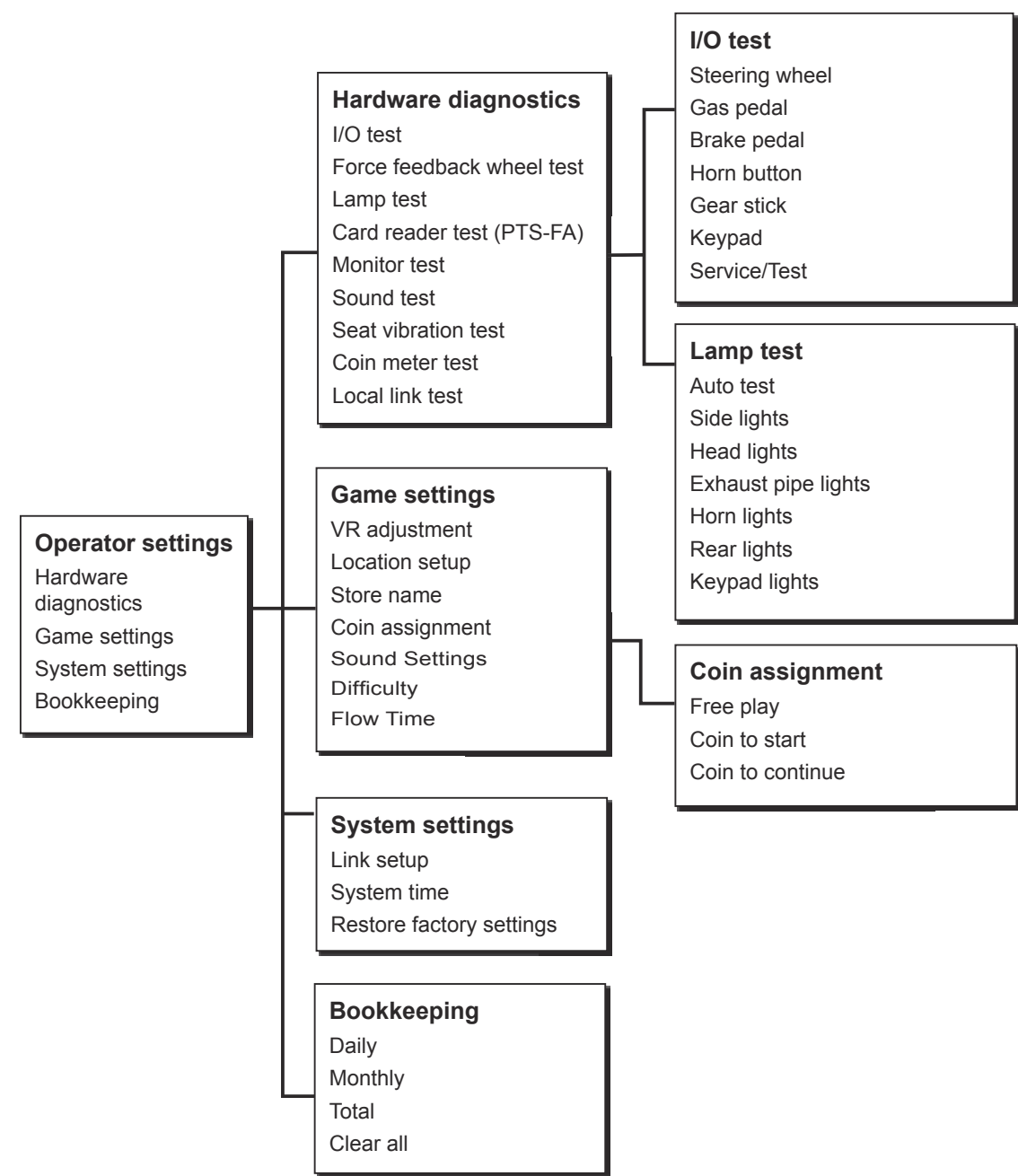


■ Instructions of the displayed screen



5 ■ Using Operator settings

5.1 Framework of the menu



5.2 Using Operator settings

To enter Operator settings:

- 1 Make sure the cabinet is on the standby mode.
(PTS-FA)

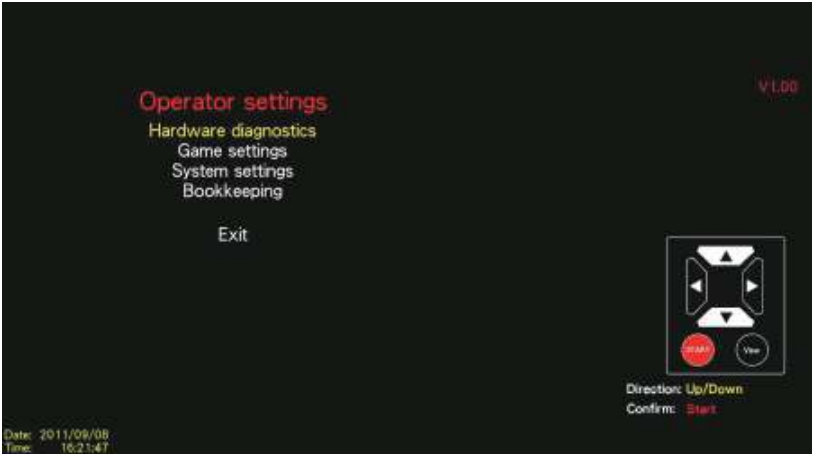


(PTS-FANC)



Note:
While the game is in process, and under the modes of **[Story]** / **[Race]** and **[Time Trial]**, you can press **[left]**, **[right]** and the **[brake]** at the same time to stop the game, and enter the standby mode.

Open the door of coin box, and press the **[Test]** button to enter **[Operator settings]** as shown below. The right section of the screen will display related information regarding the version of this program.



Enter the menu and do the following steps:

- 1 Use **[up]** and **[down]** buttons to move the cursor, and the item where the cursor is pointed to will appear in yellow.
- 2 Use the **[Start]** button to confirm or enter the sub menu.
- 3 After setup or testing is completed, return to **[Operator settings]**, and move the cursor to **[Exit]**. Then press the **[Start]** button to return to the previous page.

5.3 Hardware diagnostics

You can enter [Operator settings] to test if each software is normally functioning or not.

- 1 Enter [Operator settings] > [Hardware diagnostics], and the screen will display as follows:

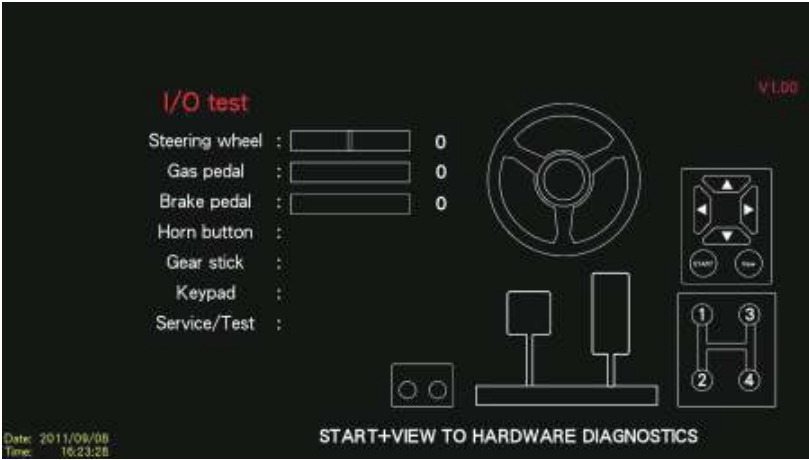


- 2 To enter the sub menu, use the [up] and [down] buttons to move the cursor and then press the button to confirm.
- 3 Regarding detailed descriptions of [Hardware diagnostics] in the sub menu, refer to the following instructions.
After testing is completed, move the cursor to [Back], and press the [Start] button to leave this page.

5.3.1 I/O test

In the page of [I/O test], you can run testing for specific I/O application to see if it is normally functioning. Normally-sensed devices will display in words or the sensed value.

- 1 Enter [Operator settings] > [Hardware diagnostics] > [I/O test].



- 2 Enter the page of [I/O test], you can run testing for a specific application as explained in the chart below:

I/O applications	Testing method	Testing results
steering wheel	Move the steering wheel to the left/ right	When moving to the left end, the value is around -1. When moving to the right end, the value is around 1.

throttle	Step on the throttle	When releasing the throttle, the value is around 0. When firmly stepping on the throttle, the value is around 1.
brake	To stop the truck, step on the brake.	When releasing the brake, the value is around 0. When stepping on the brake, the value is around 1.
horn	Press the corresponding button	Normally-sensed devices will display in words or the corresponding pictures
shift lever	Switch to each gear	Normally-sensed devices will display in words or the corresponding pictures
controlling panel	Press the corresponding button	Normally-sensed devices will display in words or the corresponding pictures
system button	Press the corresponding button	Normally-sensed devices will display in words or the corresponding pictures System button

- 3 After testing is completed, press the [Start] and [View] buttons at the same time to leave this page.
If the value of the throttle, brake or steering wheel is not normal, enter [Operator settings] > [Game settings] > [VR adjustment] to make adjustments.

5.3.2 Force feedback wheel test

In the page of [Force feedback wheel test], you can test whether force feedback of the steering wheel is normally functioning or not.

- 1 Enter [Operator settings] > [Hardware diagnostics] > [Force feedback wheel test].
- 2 Move the cursor to [Test30%], [Test70%], and [Test100%] each time and press the [Start] button to run individual testing for force feedback.



- 3 When testing is completed, move the cursor to [Back] to leave this page.

5.3.3 Lamp test

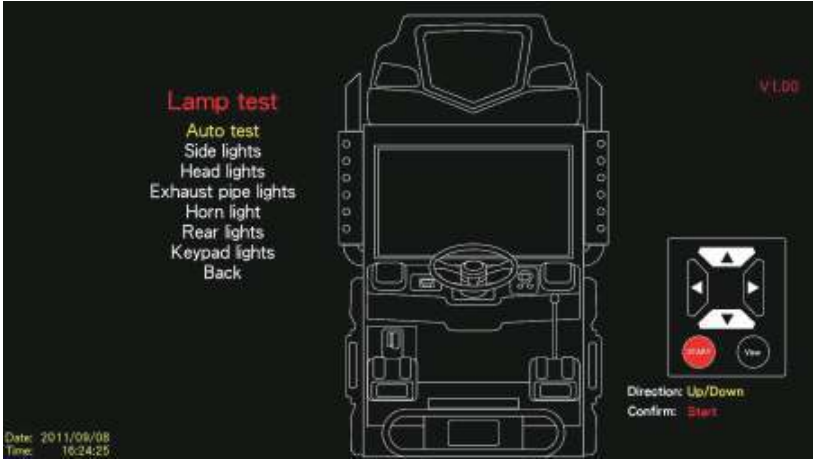
In the page of **[Lamp test]**, you can test whether each light is normally functioning or not.

- 1 Enter **[Operator settings]** > **[Hardware diagnostics]** > **[Lamp test]**.
- 2 To run automatic testing:

Choose **[Auto test]**, and press the **[Start]** button, then the system will test all lights in sequence. During the testing, lights will blink as follows:

- Lights of buttons: blink one time
- Light of the exhaust pipe: blink three colors
- Light of the horn button: blink three colors
- Lights of the brake and on the both sides: show the blinking modes in sequence

When testing is in process, the name of lights being tested will display in red. After testing is completed, a message of **[Completed]** will pop out. To discontinue automatic testing, press the **[Start]** button.



To test a certain light:

- 3 Move the cursor to the light to be tested, and press the **[Start]** button, then the tested light will start to blink. Press the **[Start]** button to discontinue the testing.
- 4 After testing is completed, move the cursor to **[Back]**, and press the **[Start]** button to leave this page.

5.3.4 Card reader test (PTS-FA)

In the page of **[Card reader test]**, you can test whether the card reader and its operation are normally functioning or not.

- 1 Enter **[Operator settings]** > **[Hardware diagnostics]** > **[Card reader test]**.
- 2 After you enter the page of **[Card reader test]**, the system will automatically test the card reader and card-reading status.



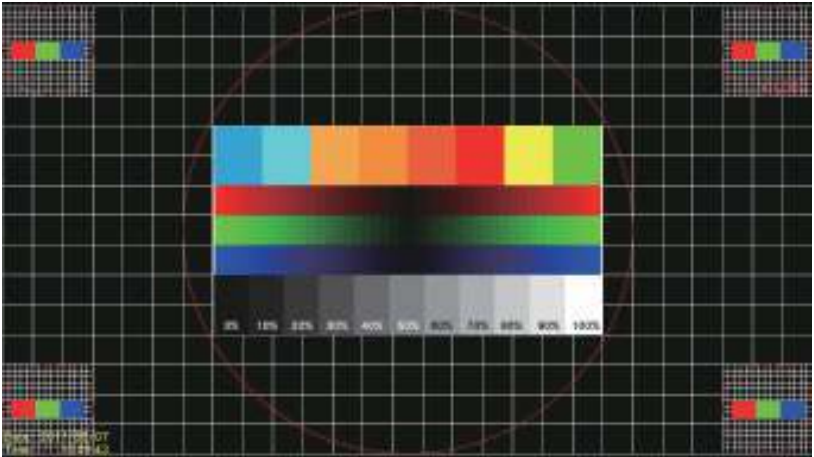
Then insert the card, and the machine will show if data can be read.

- 3 When the testing is completed, move the cursor to **[Back]**, and press the **[START]** button to leave this page.

5.3.5 Monitor test

In the page of **[Monitor test]**, you can test whether white balance, color level, and lattice are normally functioning or not.

- 1 Enter **[Operator settings]** > **[Hardware diagnostics]** > **[Monitor test]**.
- 2 After you enter the page of **[Monitor test]**, the system will soon complete the testing, and display the following picture for you to adjust white balance, color level, and lattice.



- 3 While the testing is in process, press the **[Start]** button to leave the testing page.

5.3.6 Sound test

In the page of [Sound test], you can test whether each sound track is normally functioning or not.

- 1 Enter [Operator settings] > [Hardware diagnostics] > [Sound test].
- 2 After you enter the page of [Sound test], move the cursor to [L Channel] and [R Channel], and press the [START] button to start testing.



- 3 The tested sound track will keep producing sound, and press the [START] button again to discontinue the testing.
- 4 After the testing is completed, move the cursor to [Back] and press the [START] button to leave this page.

5.3.7 Seat vibration test

In the page of [Seat vibration test], you can test whether the bass shaker is normally functioning or not.

- 1 Enter [Operator settings] > [Hardware diagnostics] > [Seat vibration test].
- 2 After you enter the page of [Seat vibration test], move the cursor to [Playback] and press the [START] button to start testing.

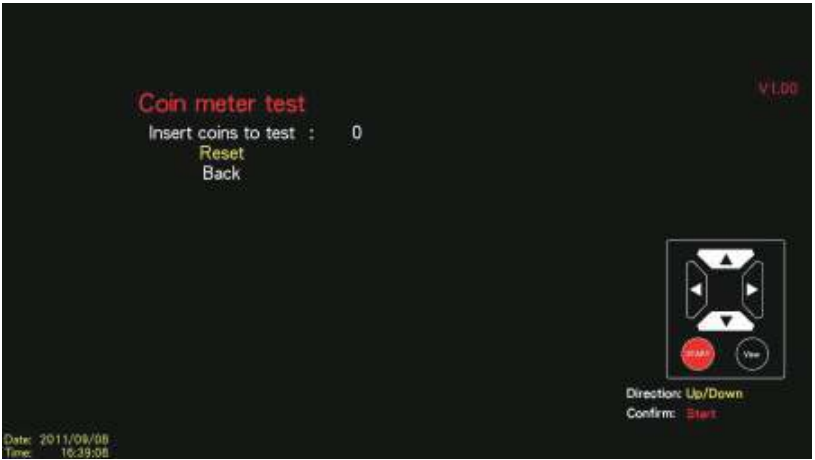


- 3 Then the vibrating testing will keep running, and press the [START] button again to discontinue the testing.
- 4 After the testing is completed, move the cursor to [Back] and press the [START] button to leave this page.

5.3.8 Coin meter test

In the page of [Coin meter test], you can test whether the coin-inserting function is normal or not.

- 1 Enter [Operator settings] > [Hardware diagnostics] > [Coin meter test].



- 2 After you enter the page of [Coin meter test], insert coins, and the digits on the right side will bounce accordingly.
- 3 Then move the cursor to [Reset], and press the [START] button to erase data.
- 4 After the testing is completed, move the cursor to [Back] and press the [START] button to leave this page.

5.3.9 Local link test

After the group number and player number have been assigned to the cabinets to be connected, you can run testing in the page of [Local link test].

To test whether the connection of cabinets assigned to the same group is normal or not (For detailed instructions, refer to <5.5.1 Link setup >).

- 1 Enter [Operator settings] > [Hardware diagnostics] > [Local link test].



- 2 After you enter the page of [Local link test], press the [START] button, and the system will start to sense the connection status of all cabinets. For those unconnected cabinets, the sign of * will appear.
- 3 After the testing is completed, press the [START] button again to return to the previous page.



Note
When connection fails...
1.Check if Network cables are well plugged.
2.For cabinets to be connected, enter **[Operator settings] > [System settings] > [Link setup]** to check if each cabinet is assigned with the same group number and different player number.

5.4 Game settings

Game settings			default
VR adjustment	[Steering wheel] -1~1		-1~1
	[Gas pedal] 0~1		0~1
	[Brake pedal] 0~1		0~1
Location setup	[Country]138country + Others		Others
Store name	[STORE NAME]Input name		-----
Coin assignment	[Free play]No, Yes		No
	[Coin to start]1, 2, 3, ~9 coins per credit		4 coins
	[Coin to continue]1, 2, 3, ~9 coins per credit		3 coins
Sound Settings	Bussiness Hours	[Start time]12-hour clock	AM 10:00
		[Engine Volume]1, 2, 3, ~10	10
		[Engine Volume]1, 2, 3, ~10	3
		[Horn Volume]1, 2, 3, ~10	10
		[Demo Volume]1, 2, 3, ~10	10
	Non-bussiness Hours	[Start time]12-hour clock	PM 09:40
		[Game Volume]1, 2, 3, ~10	10
		[Engine Volume]1, 2, 3, ~10	3
[Horn Volume]1, 2, 3, ~10		10	
Difficulty	[Starting Time]Easy, Normal, Hard, Very Hard		Easy
	[Checkpoint Time]Easy, Normal, Hard, Very Hard		Easy
	[A.I. Difficulty]Easy, Normal, Hard, Very Hard		Easy
Flow Time	[Select Car]1, 2, 3, ~ 30Sec		20 Sec
	[Select Versus]1, 2, 3, ~ 30Sec		5 Sec
	[Select Mode]1, 2, 3, ~ 30Sec		10 Sec
	[Select Stage]1, 2, 3, ~ 30Sec		15 Sec
	[Select Contine]1, 2, 3, ~ 30Sec		8 Sec

In the page of **[Game settings]**, you can set up all related features of the game.
❶ Enter **[Operator settings] > [Game settings]**, and the screen will display as below.



- ❷** To enter the sub menu, move the cursor by pressing the **[up]** and **[down]** buttons, and press the **[START]** button to confirm.
- ❸** Regarding detailed descriptions of each sub menu, refer to the following sections.
- When the testing is completed, move the cursor to **[Back]**, and press the **[START]** button to leave this page.

5.4.1 VR adjustment

- In the page of **[VR adjustment]**, you can adjust each operation of vehicles, and control the level of difficulty for players.
- ❶** Enter **[Operator settings] > [Game settings] > [VR adjustment]**.
- ❷** After you enter the page of **[VR adjustment]**, make sure the cursor is pointing to **[VR adjustment]**, then press the **[START]** button, and the system will start adjustments.



- Then a message of **[Turn the steering wheel to the middle, then press START button]** will be displayed, and after settings are completed, an icon of **[OK!!!]** will pop out.
- ❹** Later the screen will show **[Turn the steering wheel left to the end, then press START button]**, and after settings are completed, an icon of **[OK!!!]** will pop out.
- ❺** Repeat the above mentioned steps to continue adjusting other items.
- ❻** When the testing is completed, move the cursor to **[Back]**, and press the **[START]** button to leave this page.

5.4.2 Location setup

In the page of [Location setup], you can set up your location.

- 1 Enter [Operator settings] > [Game settings] > [Location setup].
- 2 Use the [up] and [down] buttons to choose among country and back.



- 3 In the menu of country, use the [left] and [right] buttons to choose among country.
- 4 When the setting is completed, move the cursor to [Back], and press the [START] button to leave this page.

5.4.3 Store name

In the option of [Store name], you can set up the name of your store which will be displayed in players' information of the ranking list.

- 1 Enter [Operator settings] > [Game settings] > [Store name].
- 2 When the cursor is pointing to [Store name], press the [Start] button and the screen will display a page for you to key in the name of your store.

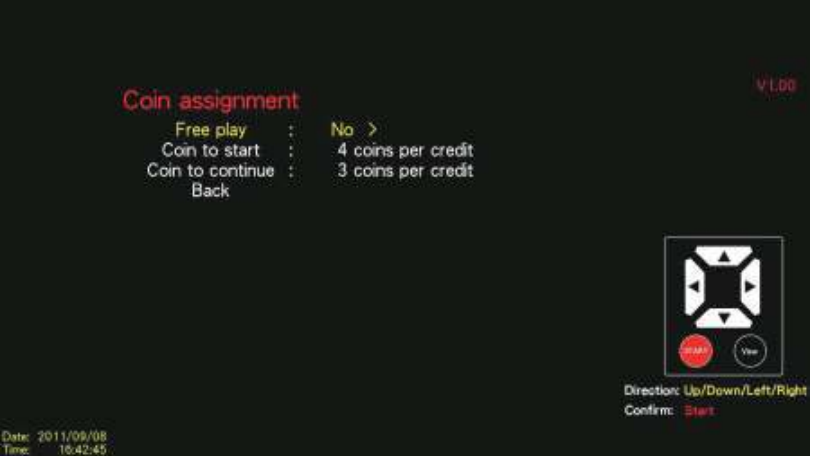


- 3 When the setting is completed, move the cursor and press the [START] button to confirm.

5.4.4 Coin assignment

In the page of [Coin assignment], you can determine if free games are offered, and set up the required number of coins to start or continue the game.

- 1 Enter [Operator settings] > [Game settings] > [Coin assignment].
- 2 Use the [up] and [down] buttons to choose among the items you want to set up, and press [left] and [right] buttons to change content.



- 3 When the setting is completed, move the cursor to [Back], and press the [Start] button to leave this page.

5.4.5 Sound Settings

In the page of [Sound Settings], you can determine the start time of Bussiness Hours and Non-bussiness Hours and the corresponding sound.

- 1 Enter [Operator settings] > [Game settings] > [Sound Settings].





- ② To enter the sub menu, move the cursor by pressing the [up] and [down] buttons, and press the [START] button to confirm.
- ③ After the settings is completed, move the cursor to [Back] and press the [START] button to leave this page.

5.4.6 Difficulty

In the page of [Difficulty], you can select the difficulty of NPC Truck, Start & Checkpoint Time in game.

- ① Enter [Operator settings] > [Game settings] > [Difficulty].

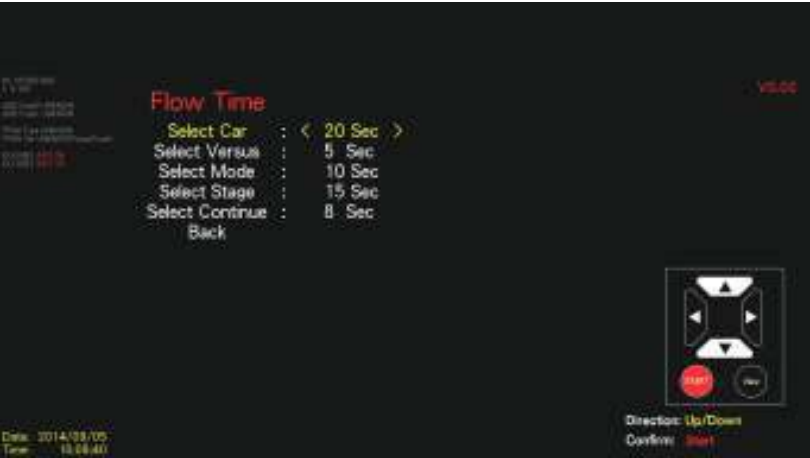


- ② After the settings is completed, move the cursor to [Back] and press the [START] button to leave this page.

5.4.7 Flow Time

In the page of [Flow Time], you can determine the duration of each process.

- ① Enter [Operator settings] > [Game settings] > [Flow Time].

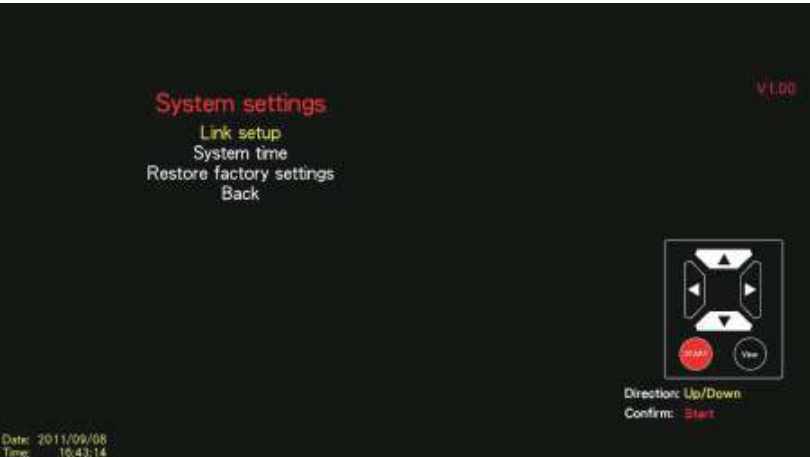


- ② After the settings is completed, move the cursor to [Back] and press the [START] button to leave this page.

5.5 System settings

In the page of [System settings], you can set up connection, system time, or reset the data of the system.

- ① Enter [Operator settings] > [System settings], and the screen will display as follows.



- ② To enter the sub menu, move the cursor by using [up] and [down] buttons, and press the [START] button to confirm.
- ③ For detailed descriptions of each sub menu, refer to the following sections. When the setting is completed, move the cursor to [Back], and press the [START] button to leave this page.

5.5.1 Link setup

To connect cabinets (a maximum of four cabinets are allowed), you need to complete the following settings:

- All cabinets to be connected should be appointed with the same group number and a different player number.
- As a group can consist of a maximum of four cabinets, if you have four cabinets to be connected, it is recommended to appoint their player number as 1P, 2P, 3P and 4P.
- Examples of connecting four cabinets:

cabinet (left)	cabinet (right)	cabinet (left)	cabinet (right)
Number of linked machines : 4 Player number of this machine : 1P Group number :1	Number of linked machines : 4 Player number of this machine : 2P Group number :1	Number of linked machines : 4 Player number of this machine : 3P Group number :1	Number of linked machines : 4 Player number of this machine : 4P Group number :1

Setup steps are as follows:

- 1 Enter [Operator settings] > [System settings] > [Link setup].



- 2 Determining the number of cabinets to be connected:
 - Move the cursor to [Number of linked machines] by using the [up] and [down] buttons.
 - Then press [left] and [right] buttons to choose among the digits.
- 3 Setting the player number of cabinets:
 - Move the cursor to [player number of this machine] by using [up] and [down] buttons.
 - Then press [left] and [right] buttons to choose among the digits.
- 4 Setting the group number
 - Move the cursor to [Group number] by using [up] and [down] buttons.
 - Then press [left] and [right] buttons to choose among the digits.
- 5 When the setting is completed, move the cursor to [Back], and press the [START] button to leave this page.

5.5.2 System time

In the page of [System time], you can set up the system time to serve as the time basis for each game.

Reminders:

- If store owner does not set the time, then the default time of the system will be based on the time of the board.
- During a multi-player game, time will be based on the time of the newest set cabinet.

- 1 Enter [Operator settings] > [System settings] > [System time].



- 2 To set up the date, press the [Start] button, and move the cursor to where you want to set up (year/month/day/hour/minute), then choose among the options by pressing [left] and [right] buttons. When this setting is completed, choose [Done], and press the [START] button to complete the testing.
- 3 To set up the time, press the [Start] button, and move the cursor to where you want to set up (time/minute/second), then choose among the options by pressing [left] and [right] buttons. When this setting is completed, choose [Done], and press the [START] button to complete the setting.
- 4 Then move the cursor to [Back], and press the [START] button to leave this page.



Note: After setting up the time, you must restart the cabinet to complete the changes.

5.5.3 Restore factory settings

In the page of **[Restore factory settings]**, you can set system data and auto reply to the default setting. Steps are as follows:

- 1 Enter **[Operator settings]** > **[System settings]**, and move the cursor to **[Restore factory settings]**, then press the **[START]** button.



- 2 In the page of system rest, move the cursor to **[Confirm to restore]**, and press the **[START]** button to start resetting.
- 3 When the setup process is completed, a message of **[Data cleared, reboot now]** will be displayed, and you can then restart the cabinet. After the resetting process, the retrieved data and settings will be as follows:

Category	Setup	Default settings
Link setup	Number of linked machines	1
	player number of this machine	1P
	Group number	37
Game settings	Location setup	Not set up
	Store name	Not set up
	Free play	No
	Coin to start	4 coins per credit
	Coin to continue	3 coins per credit

5.6 Bookkeeping

In the page of **[Bookkeeping]**, you can check the reports of your sales revenue.

- 1 Enter **[Operator settings]** > **[Bookkeeping]**, and the screen will display as follows:



- 2 To enter the sub menu, move the cursor by using **[up]** and **[down]** buttons, and press the **[START]** button to confirm.

5.6.1 Daily

In the page of **[Daily]**, you can check the daily reports of your sales revenue.

- 1 Enter **[Operator settings]** > **[Bookkeeping]**, **[Daily]**.



Descriptions of each item of the daily sales revenue:

Operator Settings

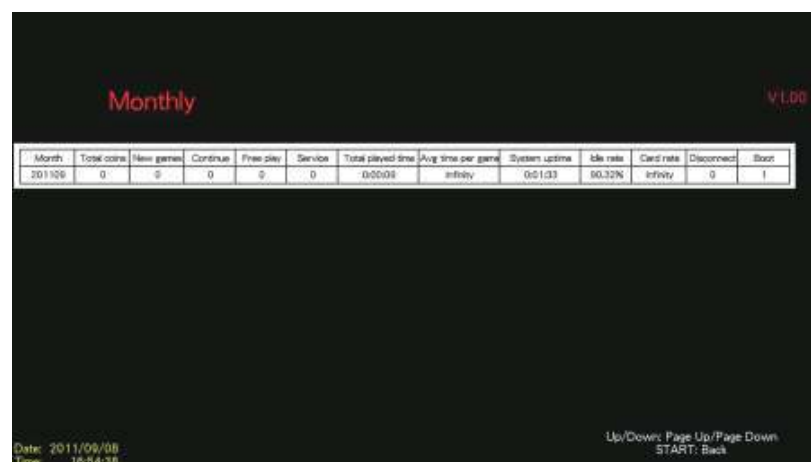
Category	Description
Date	Date of data written
Total coins	Total amount of coins inserted that day
New games	Number of new rounds created that day
Continue	Number of games continued that day
Free play	Number of free rounds offered that day
Service	Number of times of using the services button that day
Total played time	Total game time that day
Avg time per game	Average play time of each round that day
System uptime	Total business hours that day of operation
Idle rate	Total amount time when cabinets are not used that day
Card rate (PTS-FA)	Percentages of cards used that day
Disconnect	Number of times of connection failure encountered that day
Boot	Number of times of restarting the cabinet that day

- ② After you enter the page of **[Daily]**, you can press the **[Start]** button to leave this page.

5.6.2 Monthly

In the page of **[Monthly]**, you can check the monthly reports of your sales revenue.

- ① Enter **[Operator settings] > [Bookkeeping] > [Monthly]**.



The screenshot shows a screen titled "Monthly" with a table of monthly statistics. The table has 13 columns: Month, Total coins, New games, Continue, Free play, Service, Total played time, Avg time per game, System uptime, Idle rate, Card rate, Disconnect, and Boot. The data for the month of 201109 is displayed. At the bottom left, the date is 2011/09/08 and the time is 16:54:38. At the bottom right, there are instructions: Up/Down: Page Up/Page Down and START: Back.

Month	Total coins	New games	Continue	Free play	Service	Total played time	Avg time per game	System uptime	Idle rate	Card rate	Disconnect	Boot
201109	0	0	0	0	0	00:00	Infinity	00:03	90.32%	Infinity	0	1

Date: 2011/09/08
Time: 16:54:38

Up/Down: Page Up/Page Down
START: Back

Descriptions of each item of the monthly sales revenue:

Operator Settings

Category	Description
Month	Month of data written
Total coins	Total amount of coins inserted that month
New games	Number of new rounds created that month
Continue	Number of games continued that month
Free play	Number of free rounds offered that month
Service	Number of times of using the services button that month
Total played time	Total game time that month
Avg time per game	Average play time of each round that month
System uptime	Total business hours that month of operation
Idle rate	Total amount time when cabinets are not used that month
Card rate (PTS-FA)	Percentages of cards used that month
Disconnect	Number of times of connection failure encountered that month
Boot	Number of times of restarting the cabinet that month

- ② After you enter the page of **[Monthly]**, you can press the **[Start]** button to leave this page.

5.6.3 Total

In the page of [Total], you can check the reports of your total sales revenue.

- 1 Enter [Operator settings] > [Bookkeeping] > [Total].



Descriptions of each item of total sales revenue:

Category	Description
Date from	Start date of data written
Total coins	After previous resetting, the total amount of coins inserted
New games	After previous resetting, the number of new rounds created
Continue	After previous resetting, the number of games continued
Free play	After previous resetting, the number of free rounds offered
Service	After previous resetting, the number of times of using the services button
Total played time	After previous resetting, the total game time
Avg time per game	After previous resetting, the average play time of each round
System uptime	After previous resetting, the total business hours of operation
Idle rate	After previous resetting, the total amount time when cabinets are not used
Card rate (PTS-FA)	After previous resetting, the percentages of cards used
Disconnect	After previous resetting, the number of times of connection failure encountered
Boot	After previous resetting, the number of times of restarting the cabinet

- 2 After you enter the page of [Total], you can press the [Start] button to leave this page.

5.6.4 Clear all

In the page of [Clear all], you can set the data of sales revenue to the default setting. Steps are as follows:

- 1 Enter [Operator settings] > [Bookkeeping], and move the cursor to [Clear all], then press the [Start] button.



- 2 In the page of resetting the sales revenue, move the cursor to [Confirm to clear], and press the [Start] button to start the process.
- 3 When the resetting process is completed, a message of [Data cleared, reboot now] will be displayed, and you can then restart the cabinet.

6 Maintenance and repair

6.1 Daily inspection

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

Exterior inspection

- Check if warning labels are coming off, dirty or unrecognizable. If yes, replace them immediately.
- Check if the screws inside the horn and sound system are well fastened.
- Check if the bottom bolts are fastened or not.
- Check if the board of the light box is fastened or not.
- Check if the screws of each part are tightly fastened.
- Clean the coin slot machine.
- Check if each plug is coming off or not.

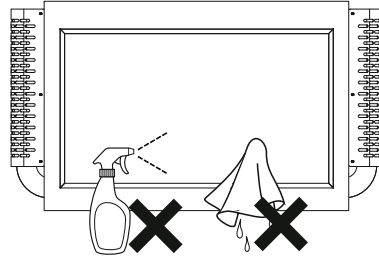
Checking the parts

- Check if the speaker is normally producing sound.
- Check if fluorescent lights and buttons are normal.
- Check if the display of the screen is clear enough.

6.2 Cleaning and maintenance

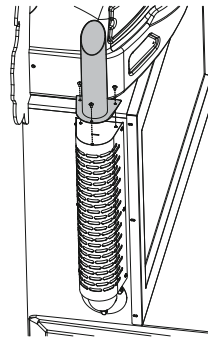
LCD screen

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



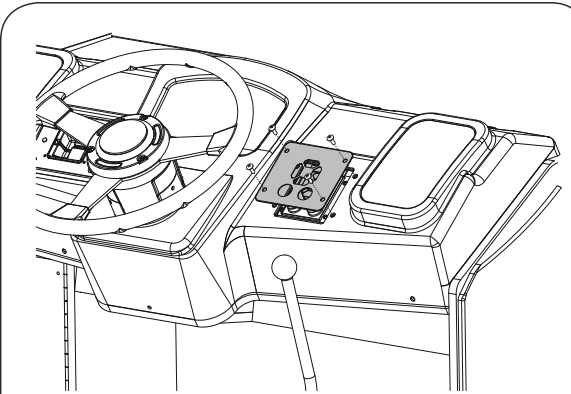
Cleaning the exhaust pipe

Loosen the three M5 cruciform screws to unload the pipe for cleaning. When completed, resemble according to the reversed assembly sequence.

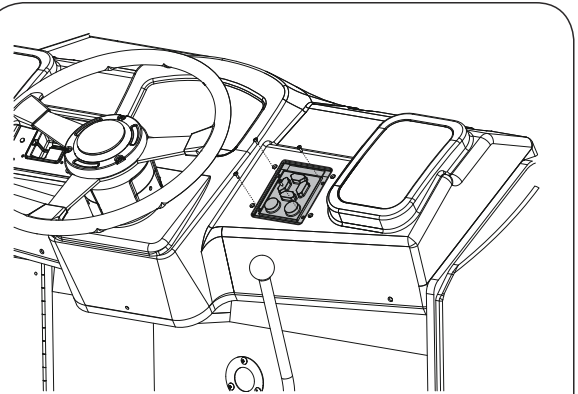


6.3 Replacing parts

6.3.1 Replacing the control pad

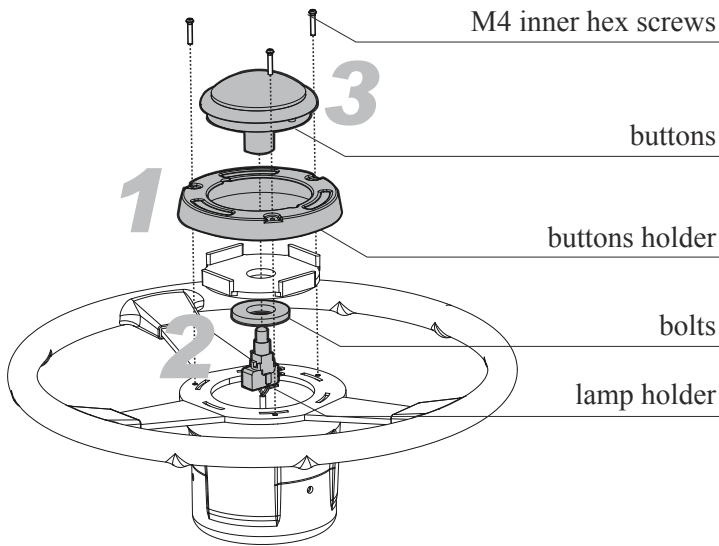


1 Loosen the four M5 inner hex screws to unload the cap.



2 Loosen the four M3 cruciform screws, and unload the connector by using the control pad. When completed, resemble according to the reversed assembly sequence.

6.3.2 Replacing the buttons of the steering wheel



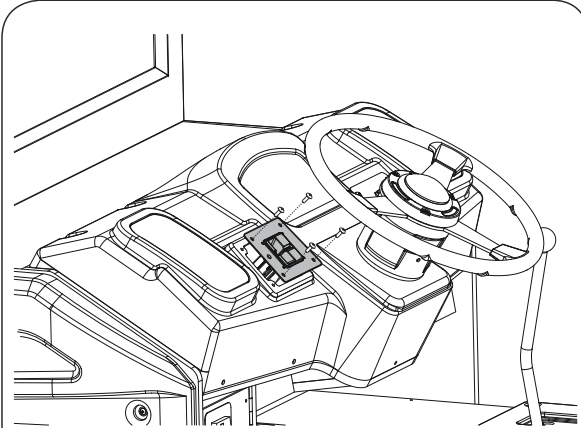
1 Loosen the three M4 inner hex screws to unload the holder.

2 After unloading the lamp hoder, loose the bolts.

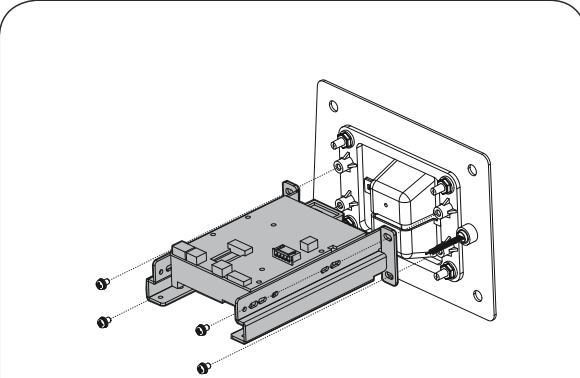
3 Replace the buttons.

4 When completed, resemble according to the reversed assembly sequence.

6.3.3 Replacing the card reader (PTS-FA)

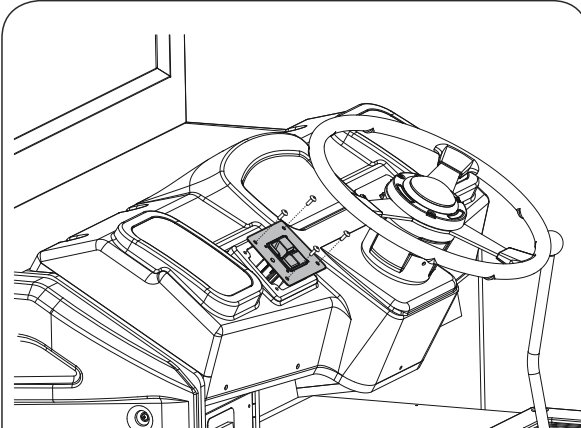


1 Loosen the four M5 inner hex screws to unload the holder and connector.

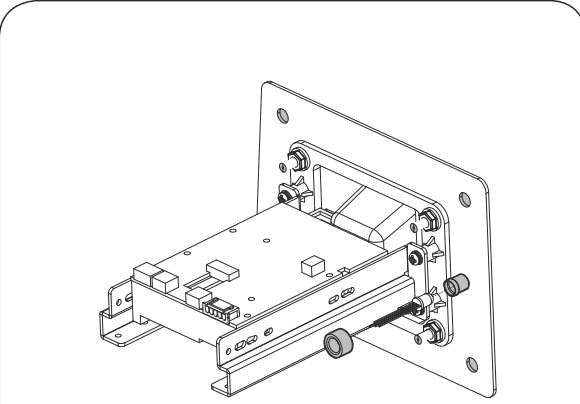


2 Then loosen the four M3 cruciform screws, and replace the card reader. When completed, resemble according to the reversed assembly sequence.

6.3.4 Replacing the LED light of the card reader (PTS-FA)

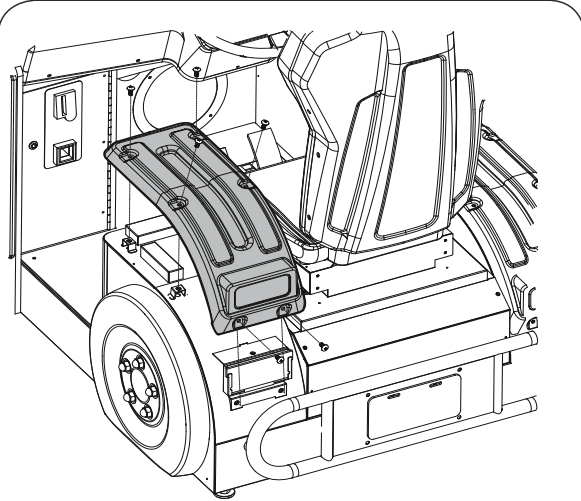


1 Loosen the four M5 inner hex screws to unload the holder and connector.

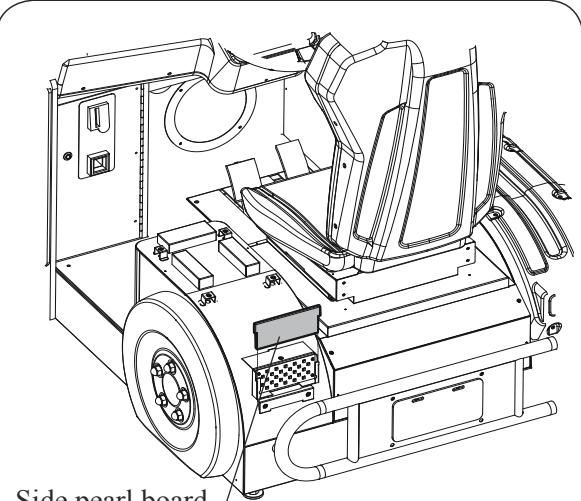


2 Then unload the LED holder, and replace the LED light. When completed, resemble according to the reversed assembly sequence.

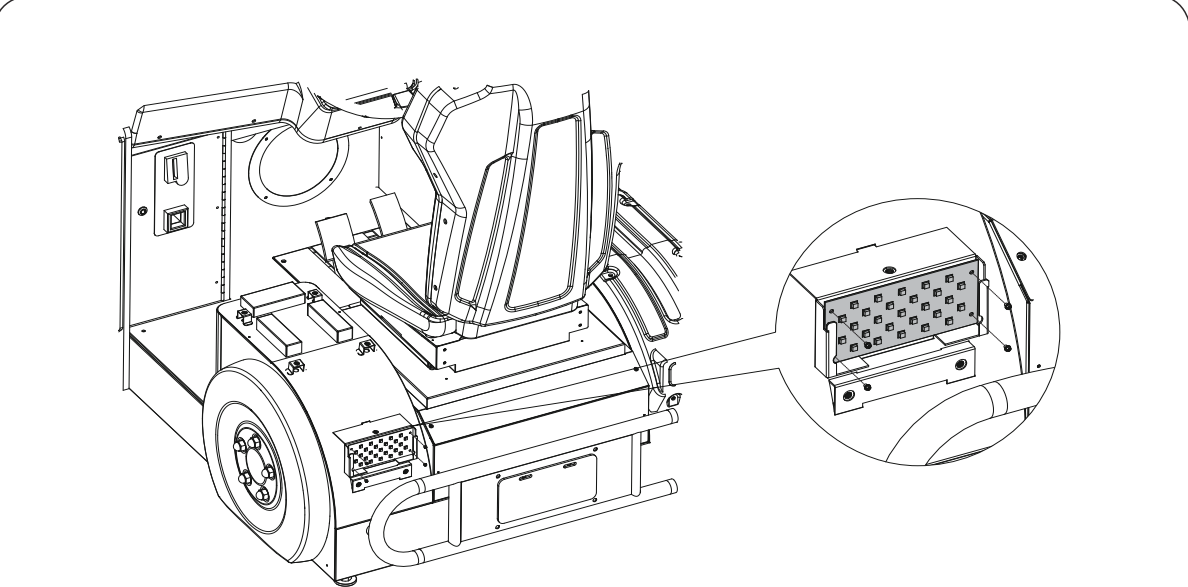
6.3.5 Replacing the rear light board



1 Loosen the six M8 inner hex screws to unload the plastic.

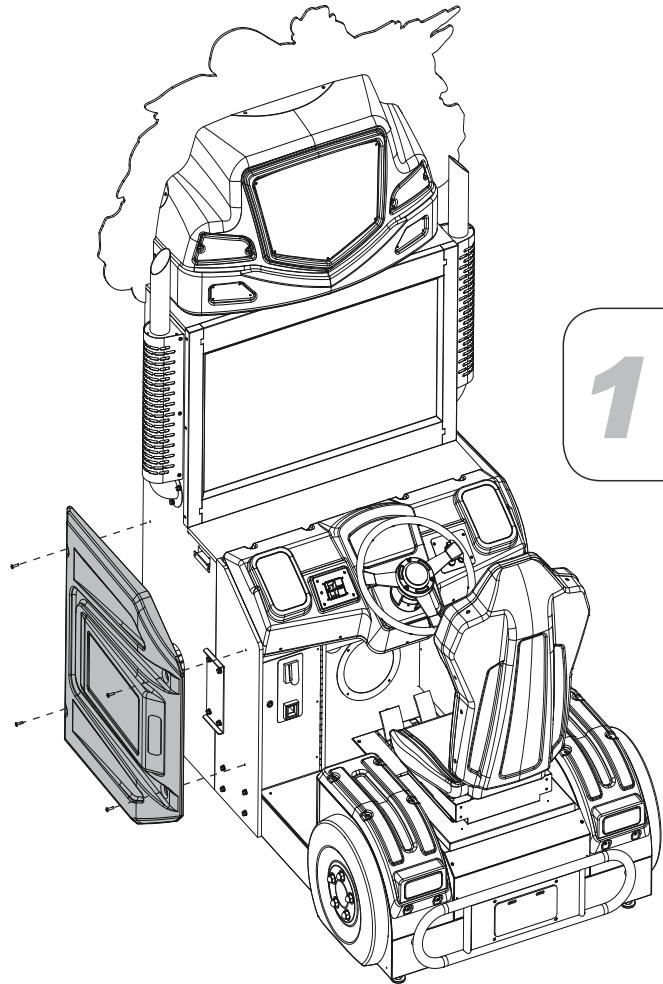


2 Hold the rear pearl board.

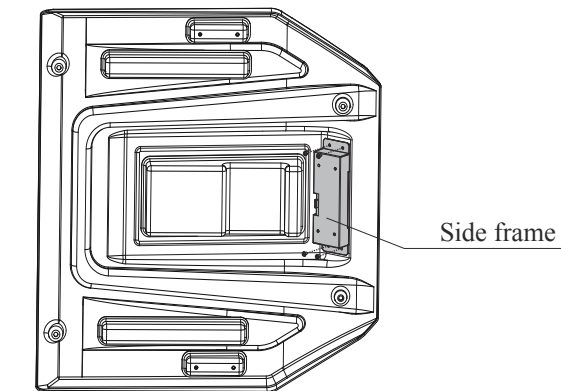


3 Then loosen the four M3 cruciform screws to unload the connector. After the LED light board is replaced, resemble according to the reversed assembly sequence.

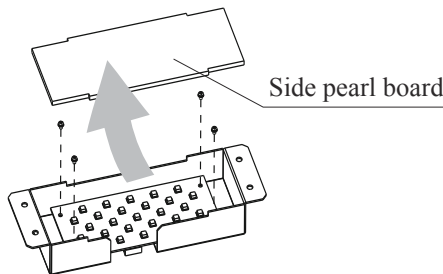
6.3.6 Replacing the side light board



1 Loosen the four M5 inner hex screws to unload the connector. Then hold the side plastic.

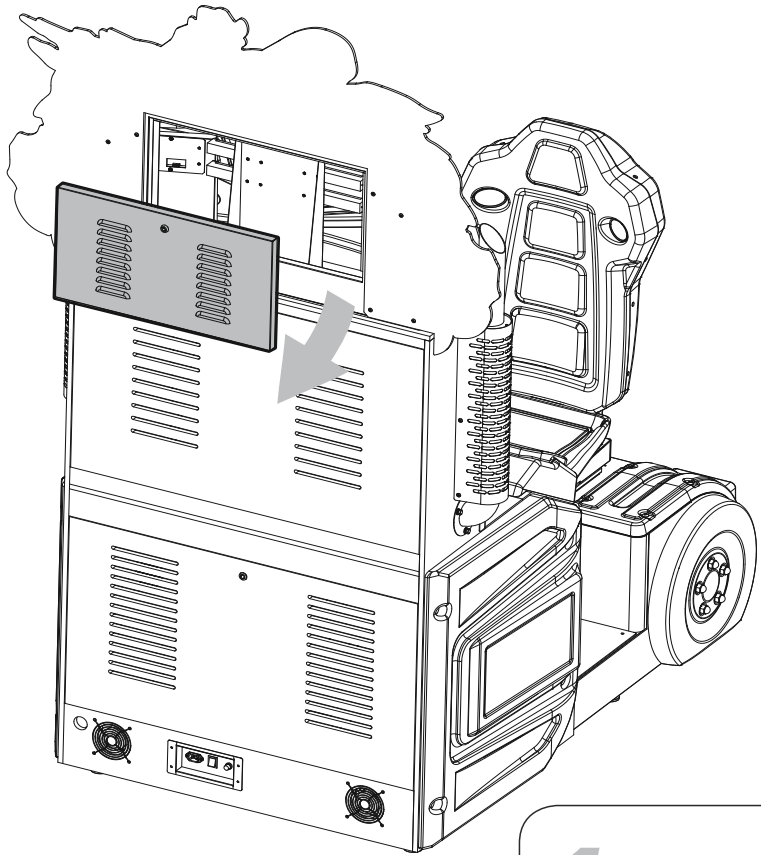


2 Then loosen the four M5 inner hex screws to unload the connector, and hold the side plastic.

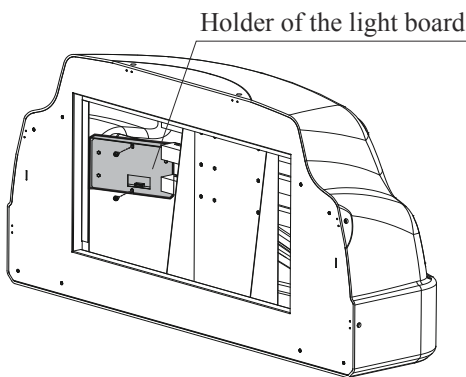


3 Hold the side pearl board to loosen the four M3 cruciform screws. After the LED light board is replaced, resemble according to the reversed assembly sequence.

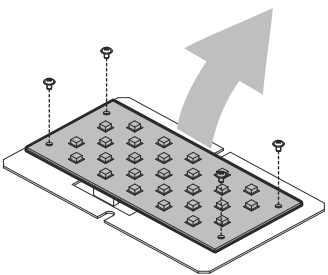
6.3.7 Replacing the light board of the head light



1 Use the key to open the maintenance door of the light box.

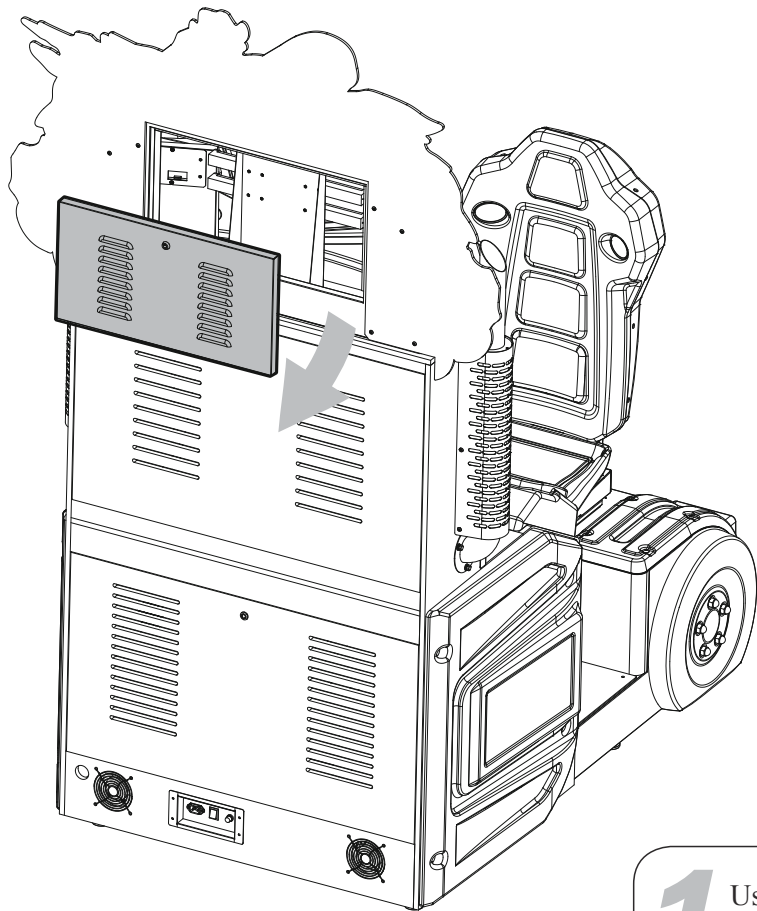


2 Loosen the two M5 cruciform screws to unload the connector, and then hold the light board.

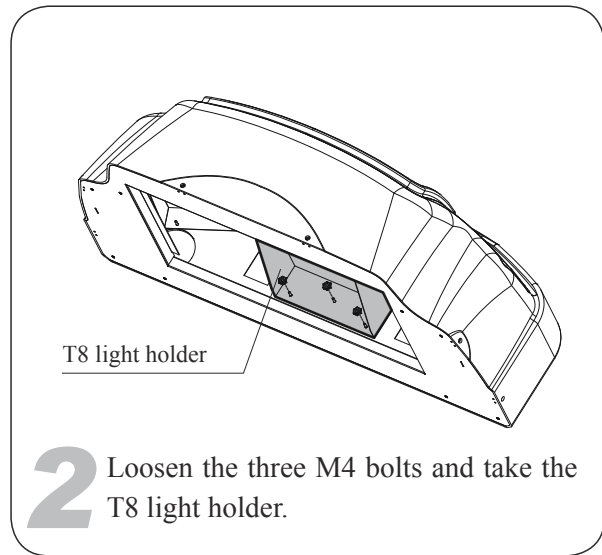


3 Loosen the four M3 cruciform screws, and replace the LED light board. When completed, resemble according to the reversed assembly sequence.

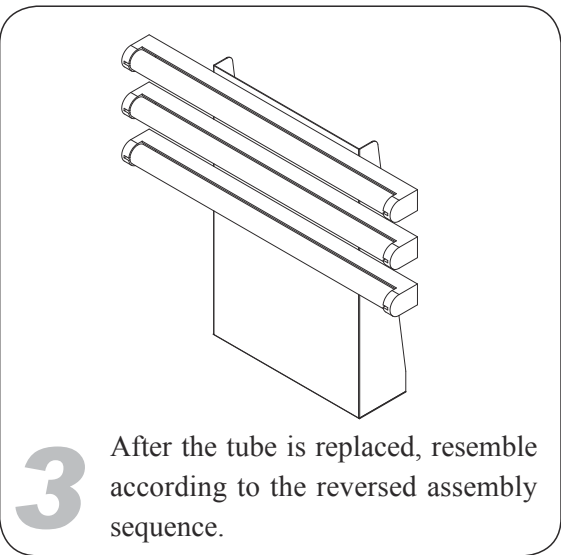
6.3.8 Replacing the tube of the light box



1 Use the key to open the maintenance door of the light box.

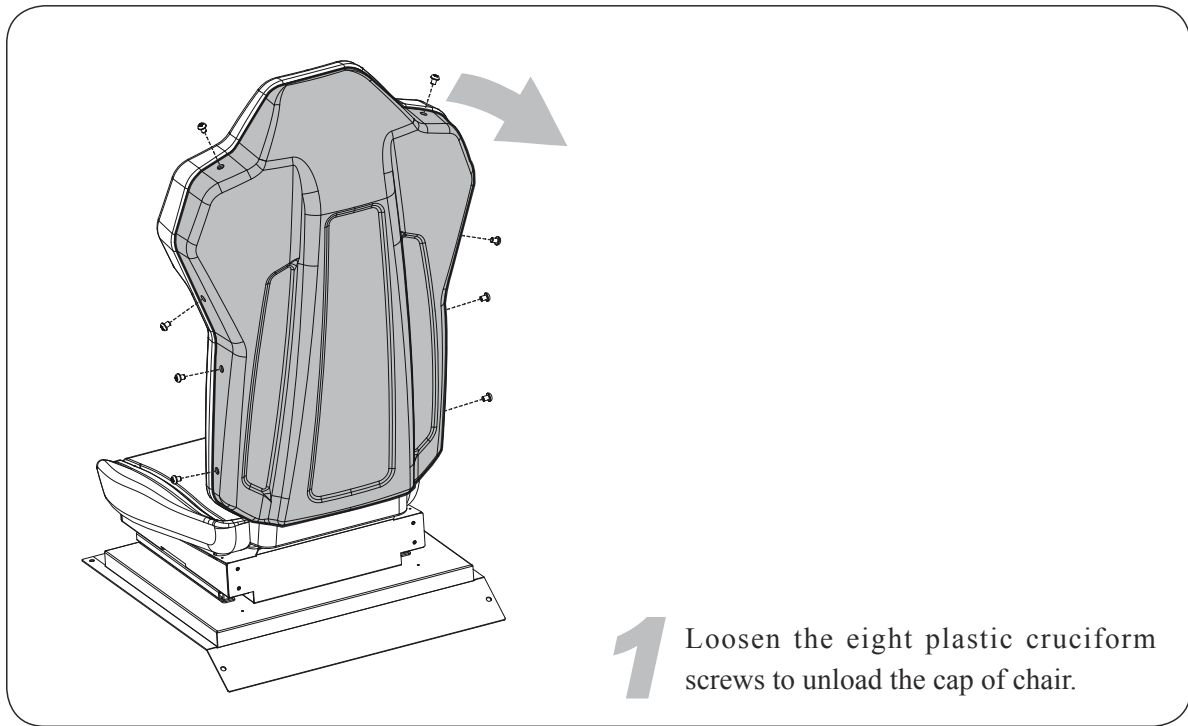


2 Loosen the three M4 bolts and take the T8 light holder.

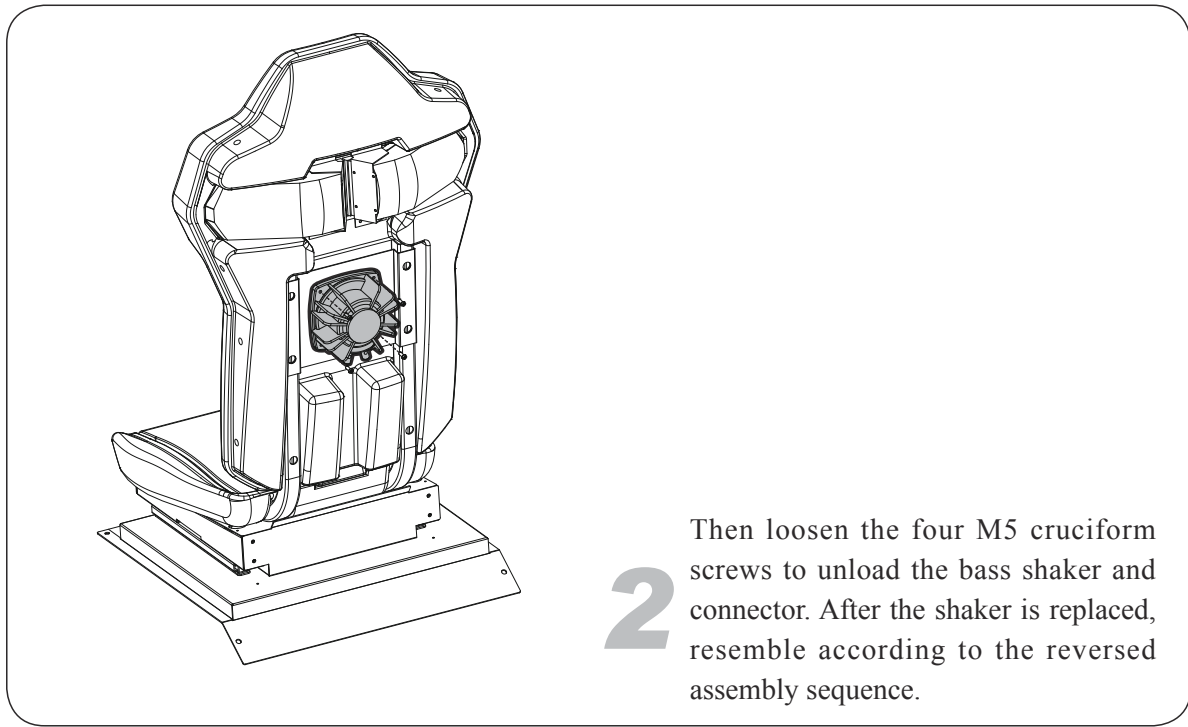


3 After the tube is replaced, reassemble according to the reversed assembly sequence.

6.3.9 Replacing upper bass shaker

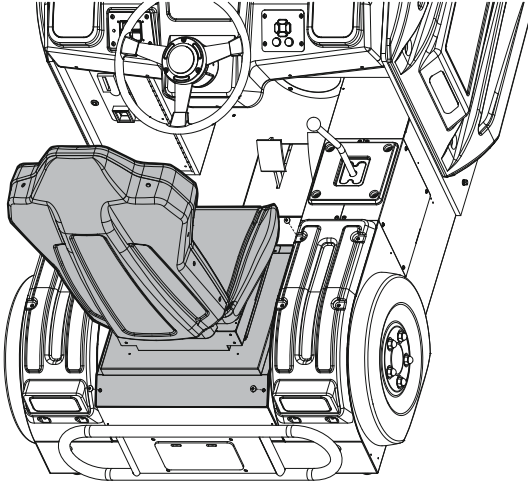


1 Loosen the eight plastic cruciform screws to unload the cap of chair.

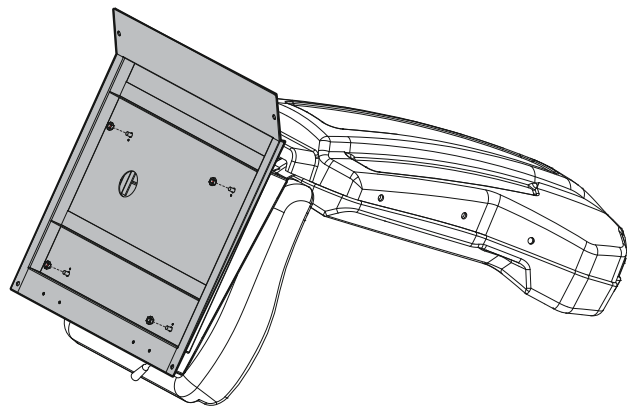


2 Then loosen the four M5 cruciform screws to unload the bass shaker and connector. After the shaker is replaced, reassemble according to the reversed assembly sequence.

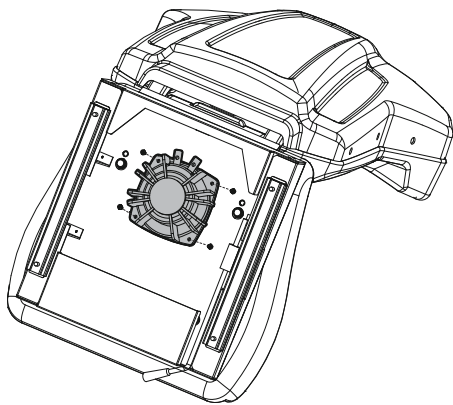
6.3.10 Replacing lower bass shaker



1 Loosen the four M5 cruciform screws to unload the chair holder and connector.

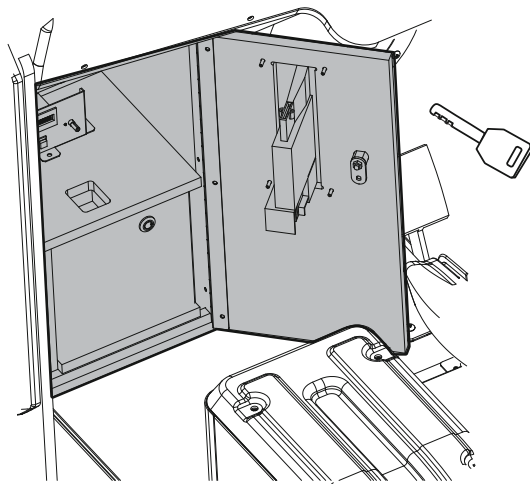


2 Then loosen the four M8 bolts to take the holder.

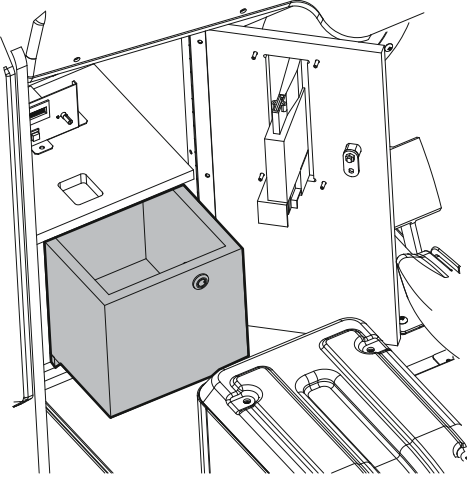


3 Later loosen the four M5 cruciform screws and unload the bass shaker and connector. When completed, resemble according to the reversed assembly sequence.

6.3.11 Replacing the coin box

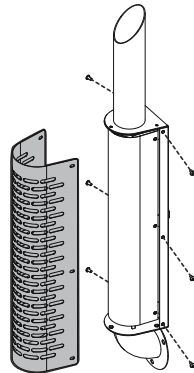


1 Use the key to open the door of coin box.

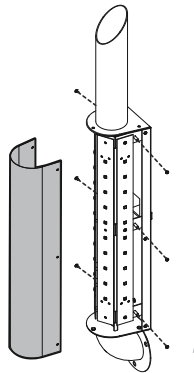


2 Then take out all coins in the box, and reassemble according to the reversed assembly sequence.

6.3.12 Replacing the light board of the exhaust pipe



1 Loosen the six M5 inner hex screws to unload the metal cap.

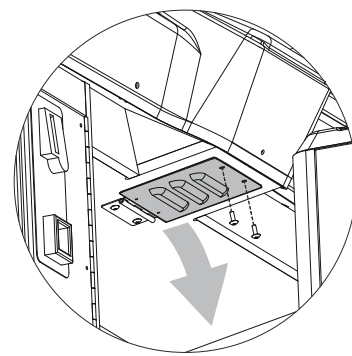
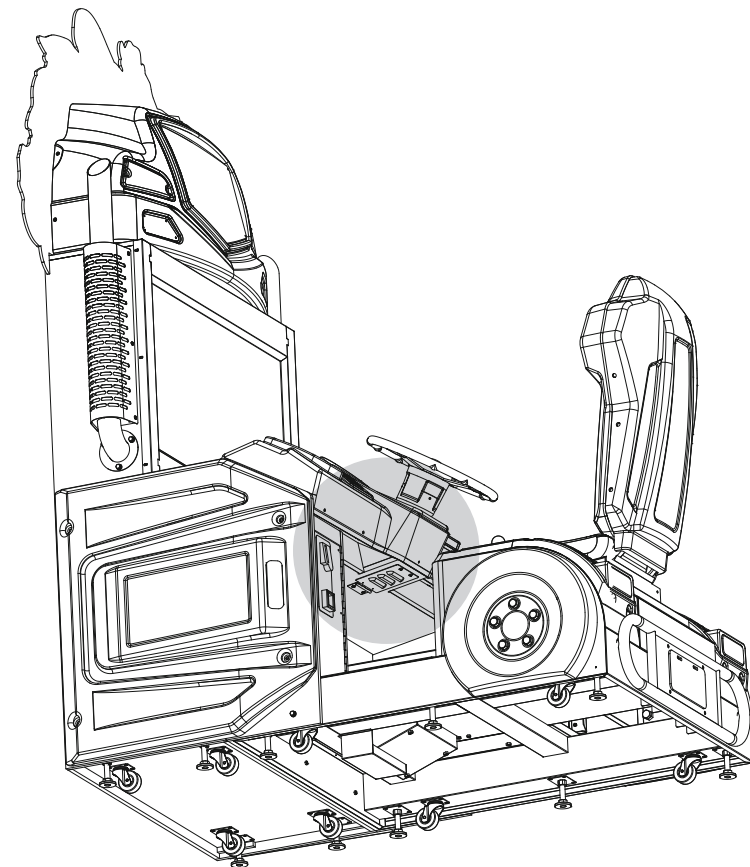


2 Then loosen the six M3 cruciform screws to unload the anti-light pieces.

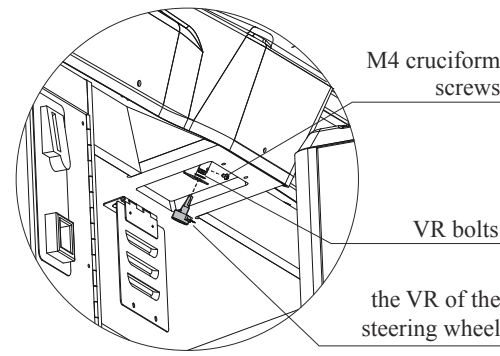


3 Later loosen the three M3 cruciform screws to replace the light board. When completed, resemble according to the reversed assembly sequence.

6.3.13 Replacing the VR of the steering wheel

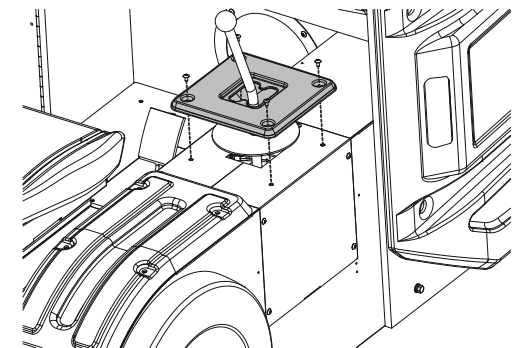


1 Loosen the two cruciform screws to open the maintenance door.

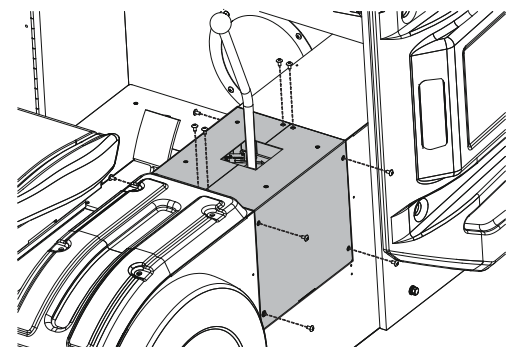


2 Then loosen the M4 cruciform screws and VR bolts. After the VR of the steering wheel is replaced, resemble according to the reversed assembly sequence.

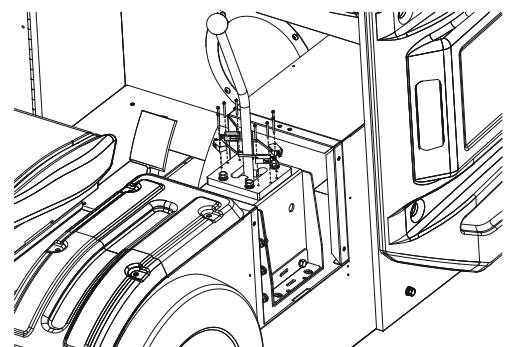
6.3.14 Replacing the switch of the gear



1 Loosen the four M5 inner hex screws to unload the cap.

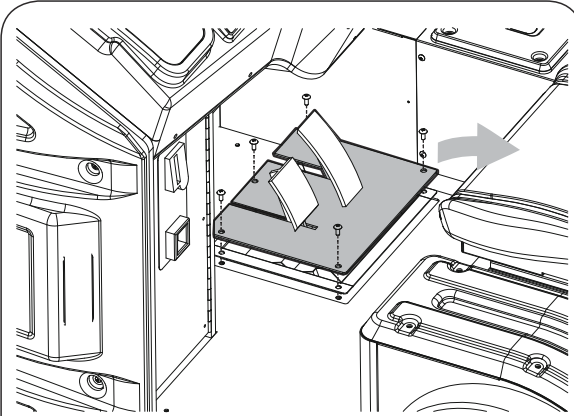


2 Then loosen the twelve M5 inner hex screws to open the maintenance door on both sides.

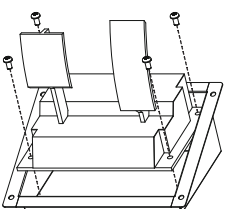


3 Later loosen the two cruciform screws to replace the connector and switch. When completed, resemble according to the reversed assembly sequence.

6.3.15 Replacing the throttle and brake



1 Loosen the five M6 cruciform screws to unload the cap, holder, and the connector.



2 Then loosen the four M8 cruciform screws, and replace the whole set. When completed, resemble according to the reversed assembly sequence.

7 Troubleshooting

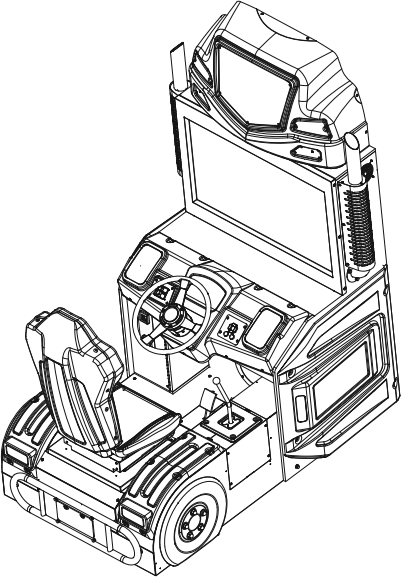
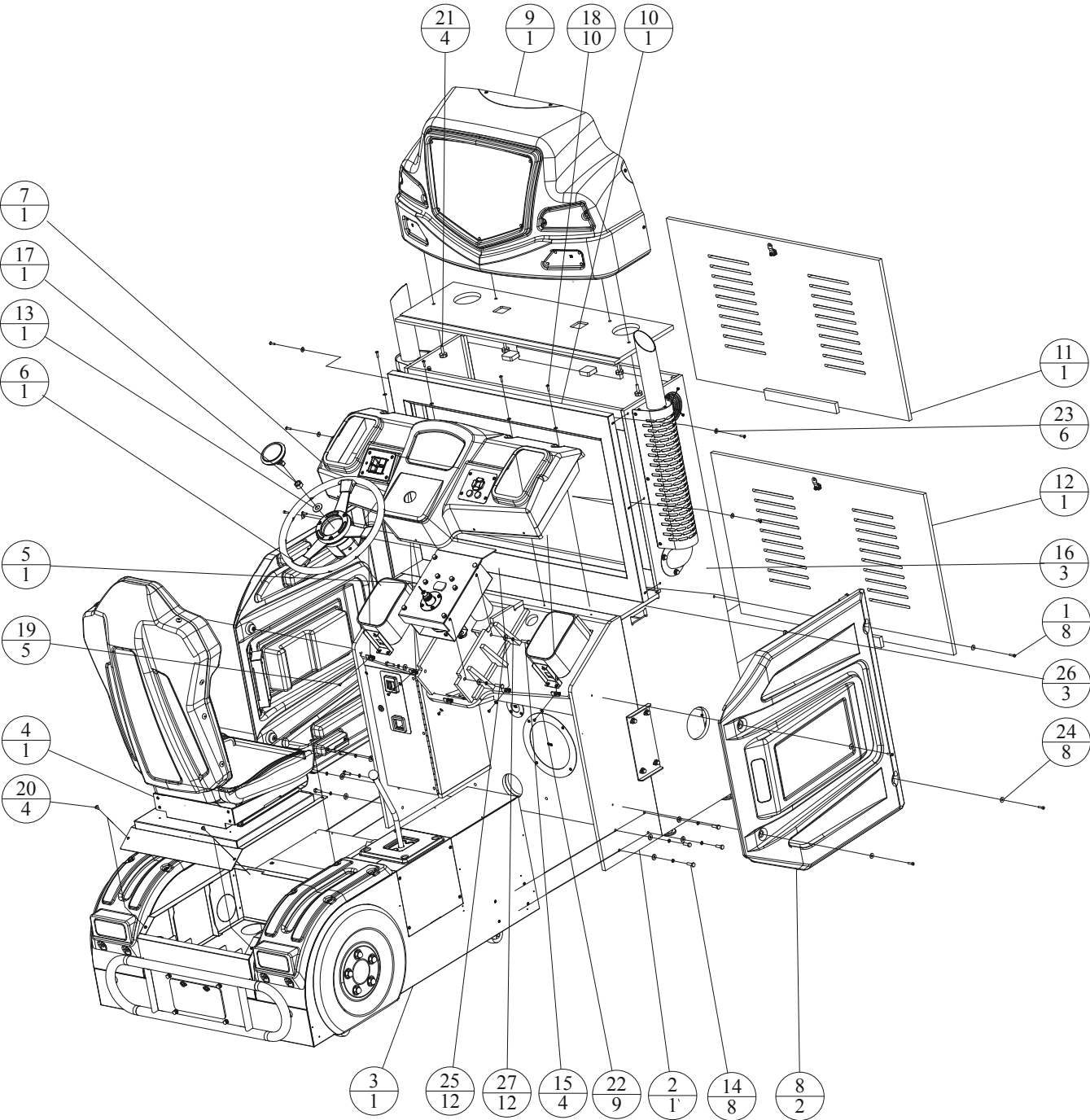
Problems	Solutions
The throttle, brake, and steering wheel is not working	<ul style="list-style-type: none">■ Enter [Operator settings] > [Hardware diagnostics] > [I/O test] to run testing for specific problem.■ If no testing results show up, contact your local distributor to replace the corresponding VR.
The button on the steering wheel is not working	<ul style="list-style-type: none">■ Enter [Operator settings] > [Hardware diagnostics] > [I/O test] to run testing.■ If no testing results show up, follow the instructions of <6.3.2 Replacing the buttons of the steering wheel > to disassemble the cap and check if plugs are coming off.■ If this problem persists, contact your local distributor to replace parts.
One of the speakers does not produce sound.	<ul style="list-style-type: none">■ Check if the plugs between speaker and power amplifier are coming off or not.■ If this problem persists, contact your local distributor to replace parts.
The button's lamp on the steering wheel is not working	<ul style="list-style-type: none">■ Enter [Operator settings] > [Hardware diagnostics] > [Lamp test] to run testing.■ If no testing results show up, follow the instructions of <6.3.2 Replacing the buttons of the steering wheel > to disassemble the cap and check if plugs are coming off.■ If this problem persists, contact your local distributor to replace parts.
The light of buttons is not on.	<ul style="list-style-type: none">■ Enter [Operator settings] > [Hardware diagnostics] > [Lamp test] to run testing for specific lights.■ If no testing results show up, follow the instructions of <6.3.1 Replacing the buttons of the control pad> to disassemble the cap and check if plugs are coming off.■ If this problem persists, contact your local distributor to replace parts.

The buttons of control pad are not working	<ul style="list-style-type: none">■ Enter [Operator settings] > [Hardware diagnostics] > [I/O test] to run testing for specific buttons.■ If no testing results show up, follow the instructions of <6.3.1 Replacing the buttons of the control pad> to disassemble the cap and check if plugs are coming off.■ If this problem persists, contact your local distributor to replace parts.
The rear light is not on	<ul style="list-style-type: none">■ Enter [Operator settings] > [Hardware diagnostics] > [Lamp test] run testing for specific lights.■ If no testing results show up, follow the instructions of <6.3.5 Replacing the rear light board> to disassemble the cap and check if plugs are coming off.■ If this problem persists, contact your local distributor to replace parts.
The gear is not working	<ul style="list-style-type: none">■ Enter [Operator settings] > [Hardware diagnostics] > [I/O test] to run testing for specific gear.■ If no testing results show up, follow the instructions of <6.3.14 Replacing the switch of gears> to disassemble the maintenance door of the gear and check if plugs are coming off.■ If this problem persists, contact your local distributor to replace parts.
The screen appears blank after power is being turned on.	<ul style="list-style-type: none">■ Check if the plugs between the cabinet and screen are well connected, and whether DVI connectors on both sides are coming off.■ Check if the cabinet is plugged into the port of the video card.■ If this problem persists, contact your local distributor to replace parts.
The speakers do not produce sound	<ul style="list-style-type: none">■ Open the maintenance door of the cash box, and check if the master volume is adjusted to its minimum value.■ Open the maintenance door of the cabinet, and check if the volume of the power amplifier is adjusted to its minimum value.■ Check if the power of power amplifier is turned on.■ Check if the audio cables connected the power amplifier and cabinet are coming off.

*If this problem persists, contact your local distributor.

Appendix: Assembly illustration

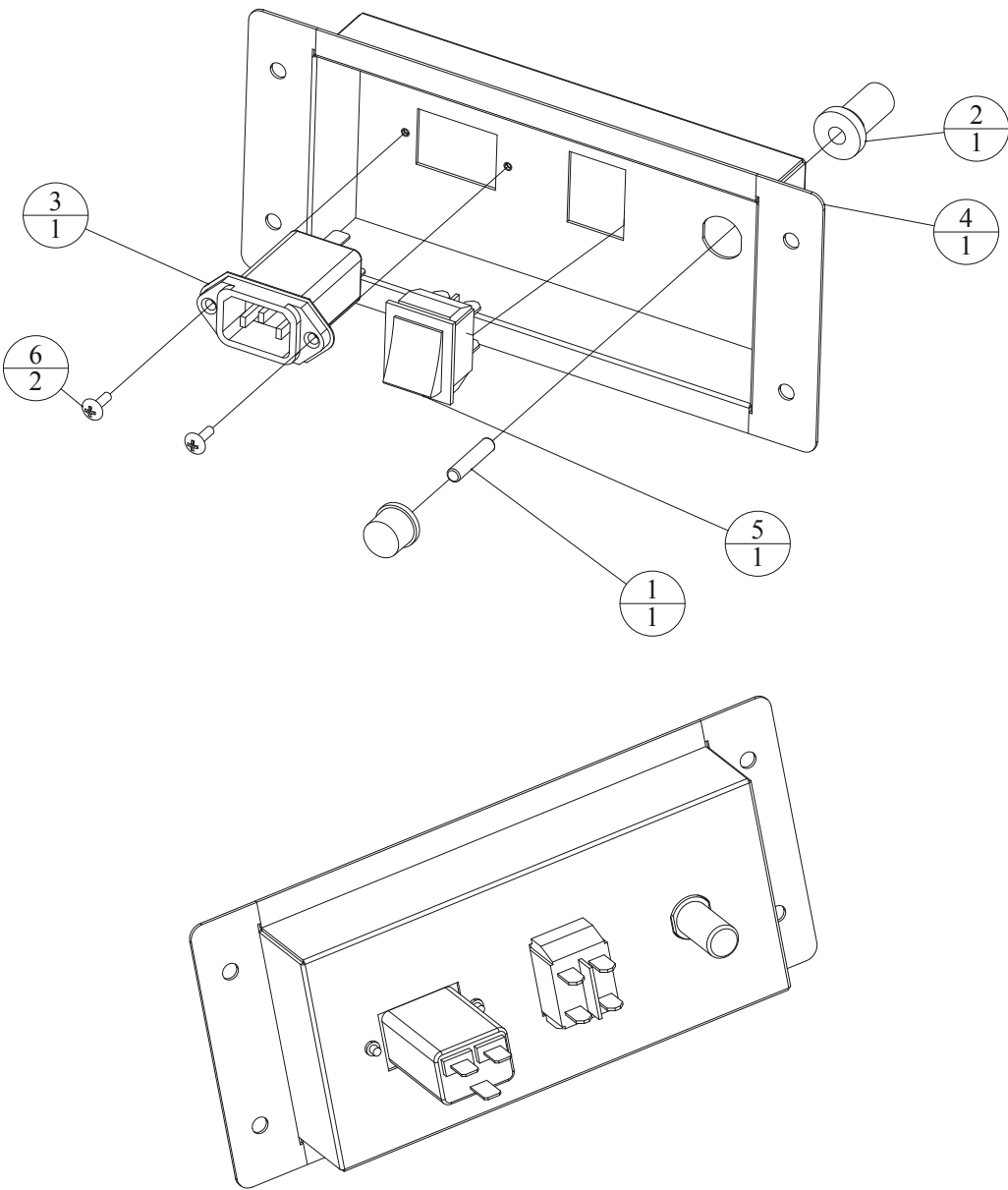
1.Power Truck Main Cabinet



27	Spring washers	Ø8.2(BL)	12	
26	Plain washers	Ø8*Ø22*2.0(Cr)	3	
25	Plain washers	Ø8*Ø20*2.0(BL)	12	
24	Plain washers	Ø5*Ø18*1.0	8	
23	Plain washers	Ø5*Ø16*1.0(BL)	6	
22	Plain washers	Ø5*Ø12*1.0	9	
21	Nylon screws	M8*30(Cr)	4	
20	Hex socket truss head machine screws	M6*12(BL)	4	
19	Hex socket truss head machine screws	M5*8(BL)	5	
18	Hex socket truss head machine screws	M5*20(BL)	10	
17	Hex nuts	M16(Zn)	1	
16	Hex head screws	M8*40(Cr)	3	
15	Hex head screws	M8*30(BL)	4	
14	Hex head screws	M8*25(BL)	8	
13	Plain washers	Ø18xØ36x2(Zn)	1	
12	Lower rear board assembly		1	
11	Upper rear board		1	
10	LCD Cover		1	
9	Billboard assembly		1	
8	Side plastic cover assembly		2	
7	Instrument pane cover assembly		1	
6	Steering wheel base assembly		1	
5	Steering wheel assembly		1	
4	Seat assembly		1	
3	Seat base assembly		1	
2	Cabinet assembly		1	
1	Hex socket head cap screws	M5*20(stainless steel)	8	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

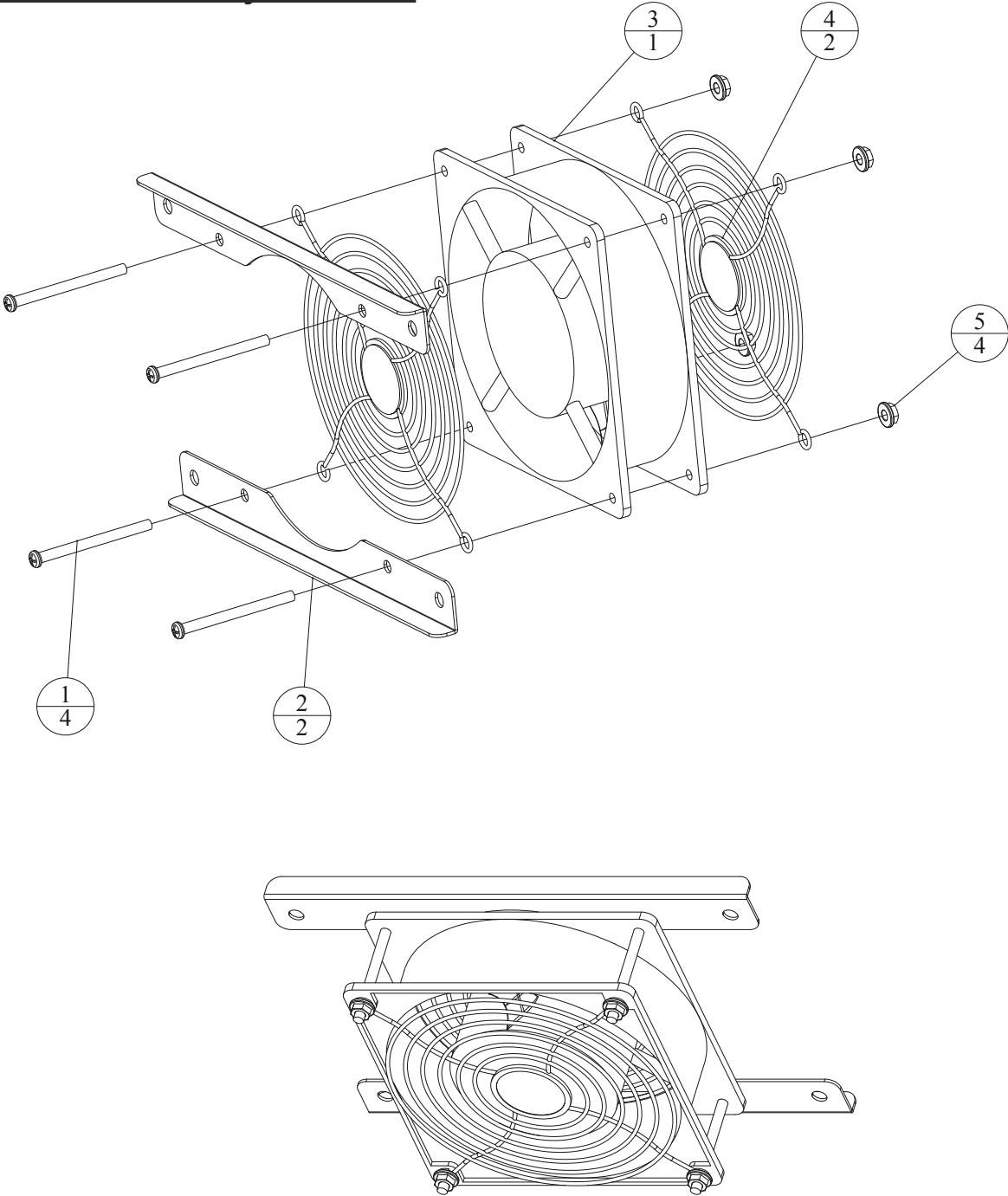
2.Power switch assembly



6	Cross recessed truss head machine screw	M3-10(Cr)	2	
5	Illuminated Power Rocker Switch		1	
4	Bracket of the power supply	SPCC T=1.2	1	
3	Outlet		1	
2	Fuses Socket		1	
1	Fuse		1	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

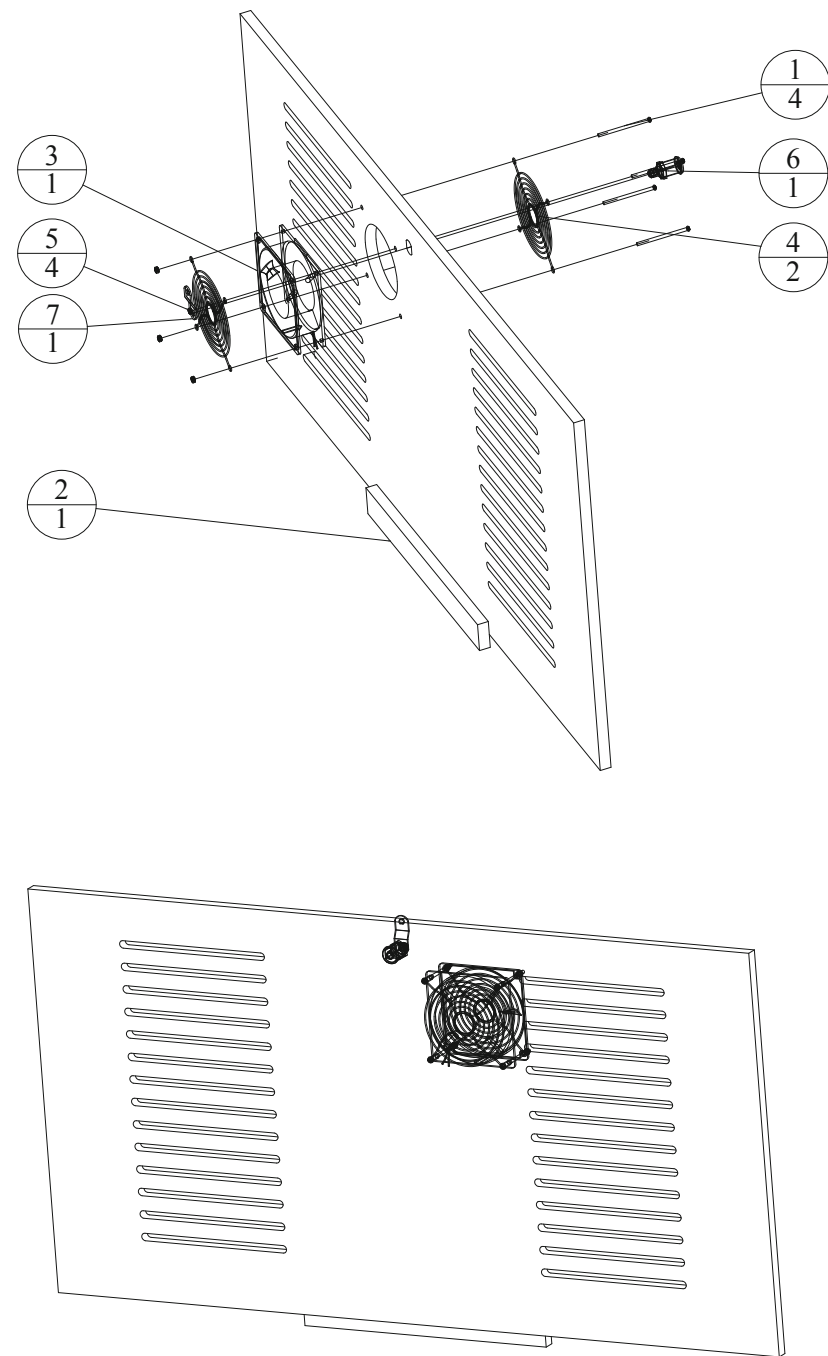
3.Bracket assembly of the fan



5	Hex flange nut	M4(Zn)	4	
4	Fan Gaurd	12cm*12cm	2	
3	AC Axial Fan	12cm*12cm/AC110V	1	
2	Bracket assembly of the fan	SECC T-1.2	2	
1	Cross recessed round head machine screw	M4*50	4	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

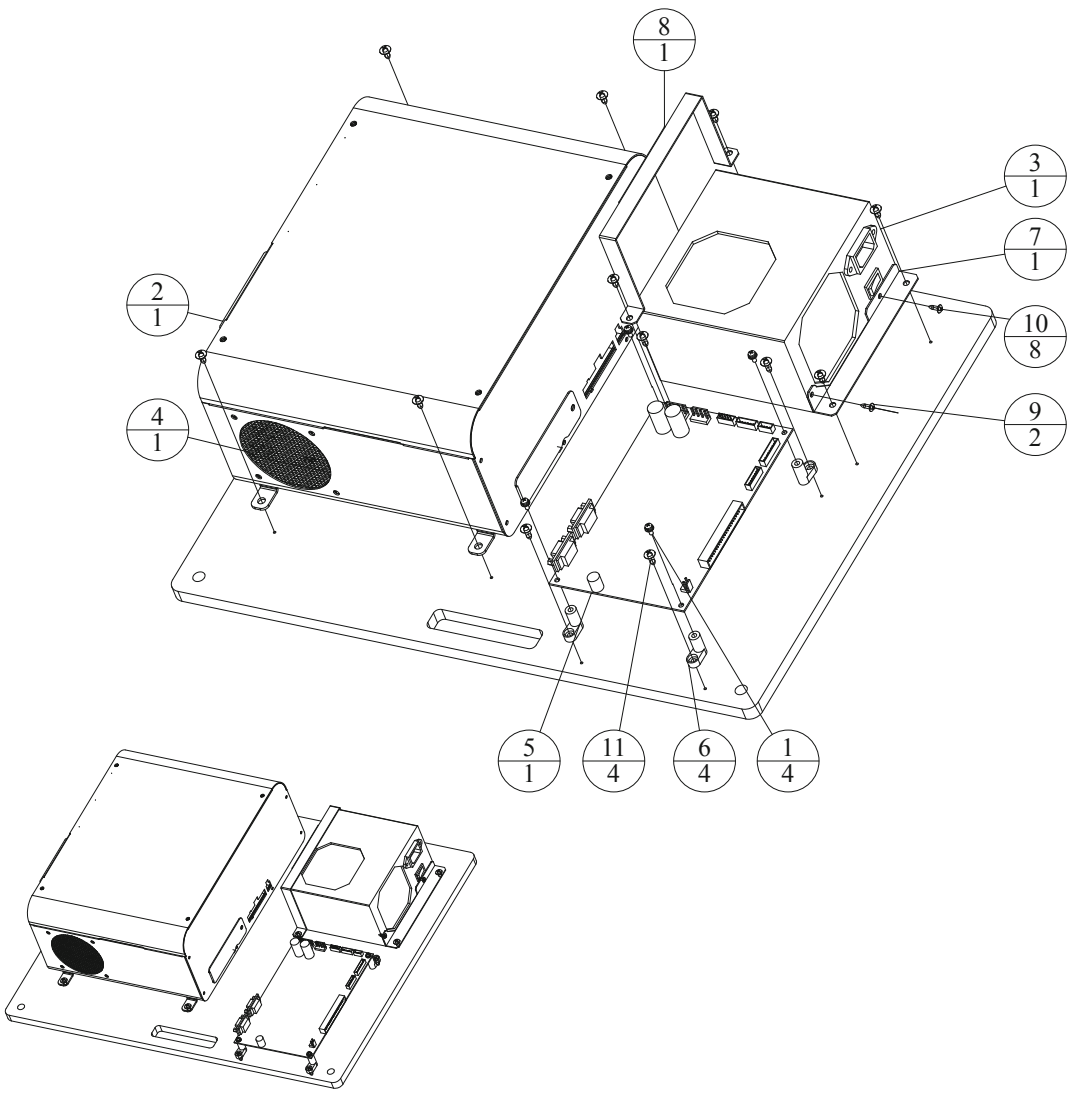
4.Lower rear board assembly



7	Offset cam		1	
6	Cam lock		1	
5	Hex nut	M4(Zn)	4	
4	Fan Gaurd	12cm*12cm	2	
3	AC Axial Fan	12cm*12cm/AC110V	1	
2	Lower rear board	MDF T=15mm	1	
1	Cross recessed round head machine screw	M4*70(BL)	4	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

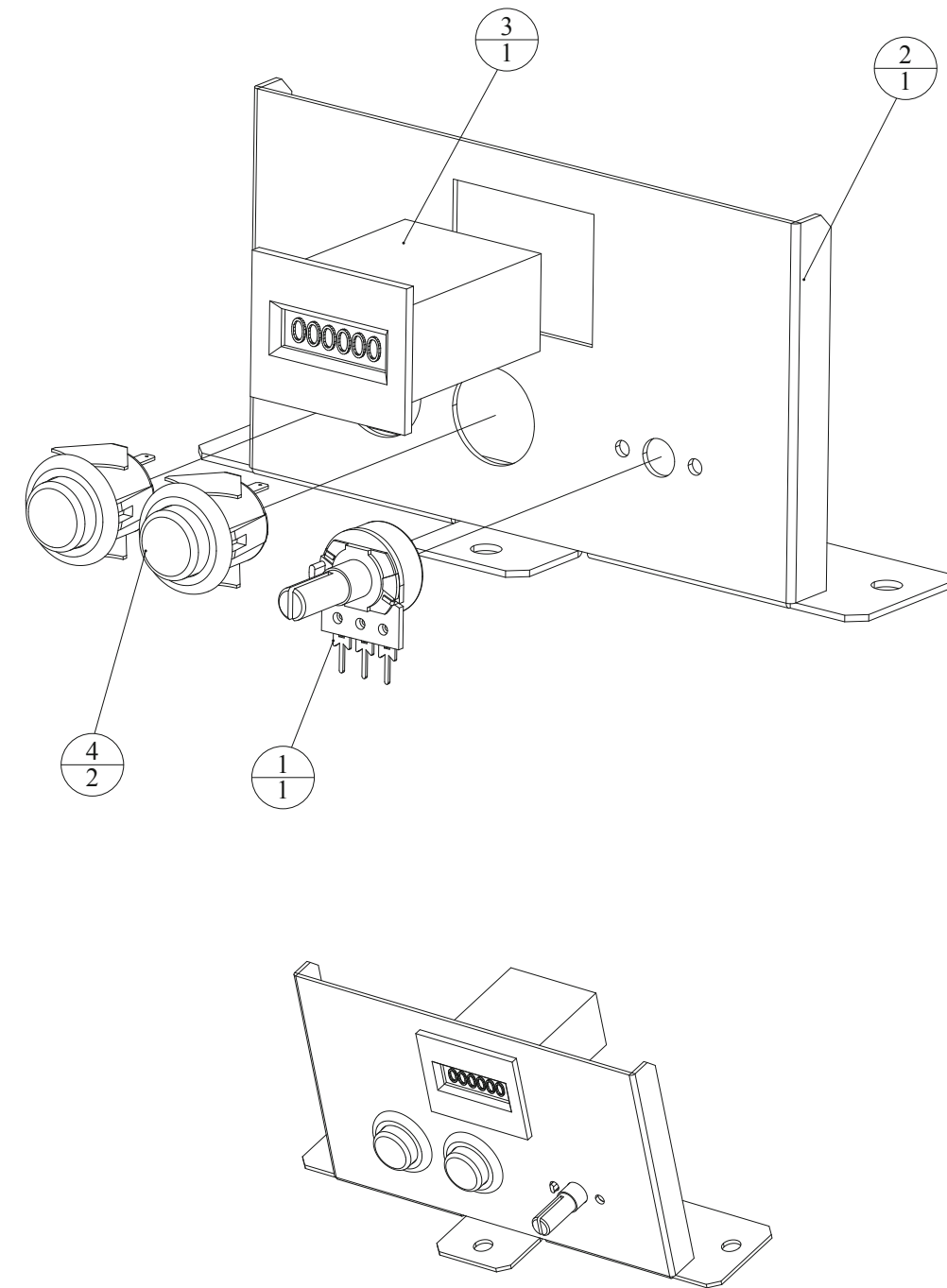
5.Bracket assembly of the case



11	Cross recessed truss head self tapping screw	M4*12 (Zn)	4	
10	Cross recessed truss head self tapping screw	M4*10 (Zn)	8	
9	Cross recessed truss head self tapping screw	M3*10 (Zn)	2	
8	Holder of the power supply -2	SECC T=1.2	1	
7	Holder of the power supply -1	SECC T=1.2	1	
6	PCB mount	M3mm	4	
5	Motor and I/O control board		1	
4	Wooden panel	MDF T=12.0	1	
3	ATX power supply		1	
2	E3000		1	
1	Cross recessed round head machine screws and washers assemblie	M3*8(Cr)	4	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

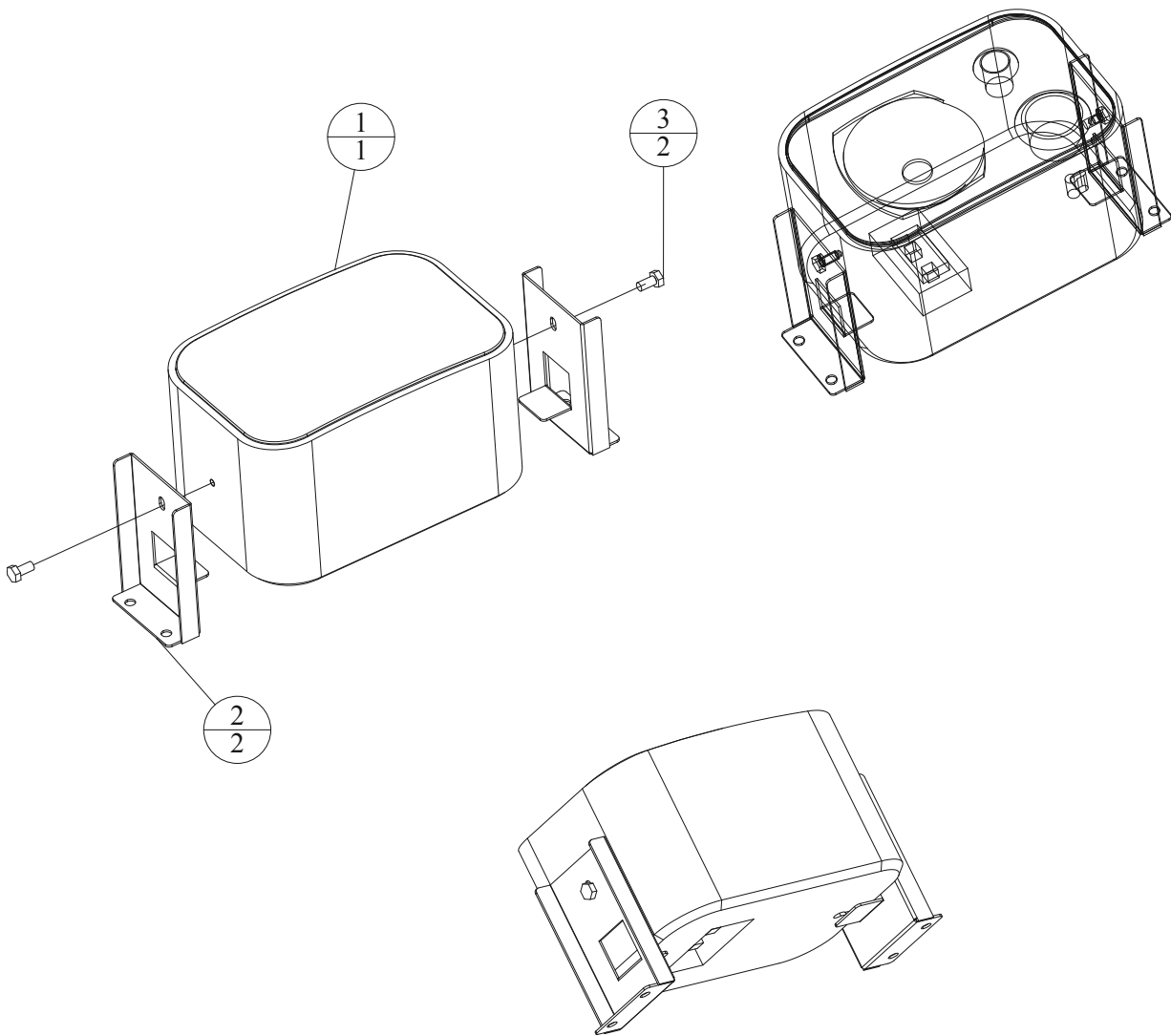
6.Control tower assembly



4	Button		2	
3	Compact pulse counter	DC 12V	1	
2	Holder of control tower	SECC T=1.2	1	
1	Carbon Potentiometers	C10KΩ	1	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

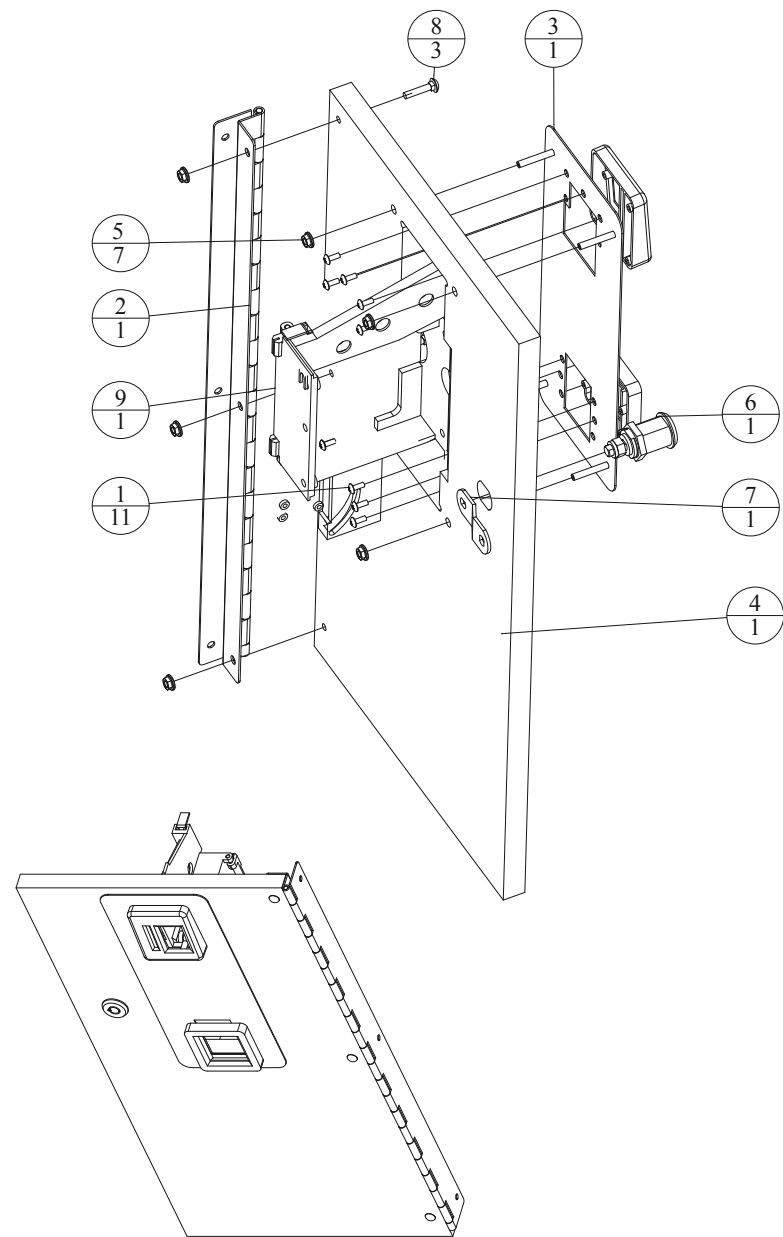
7.Bracket assembly of sound box



3	Hex head screws	M6*12	2	
2	Holder of the sound box	SPCC T-1.5	2	
1	Sound box	4"4Ω/25W (210*140*120)	1	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

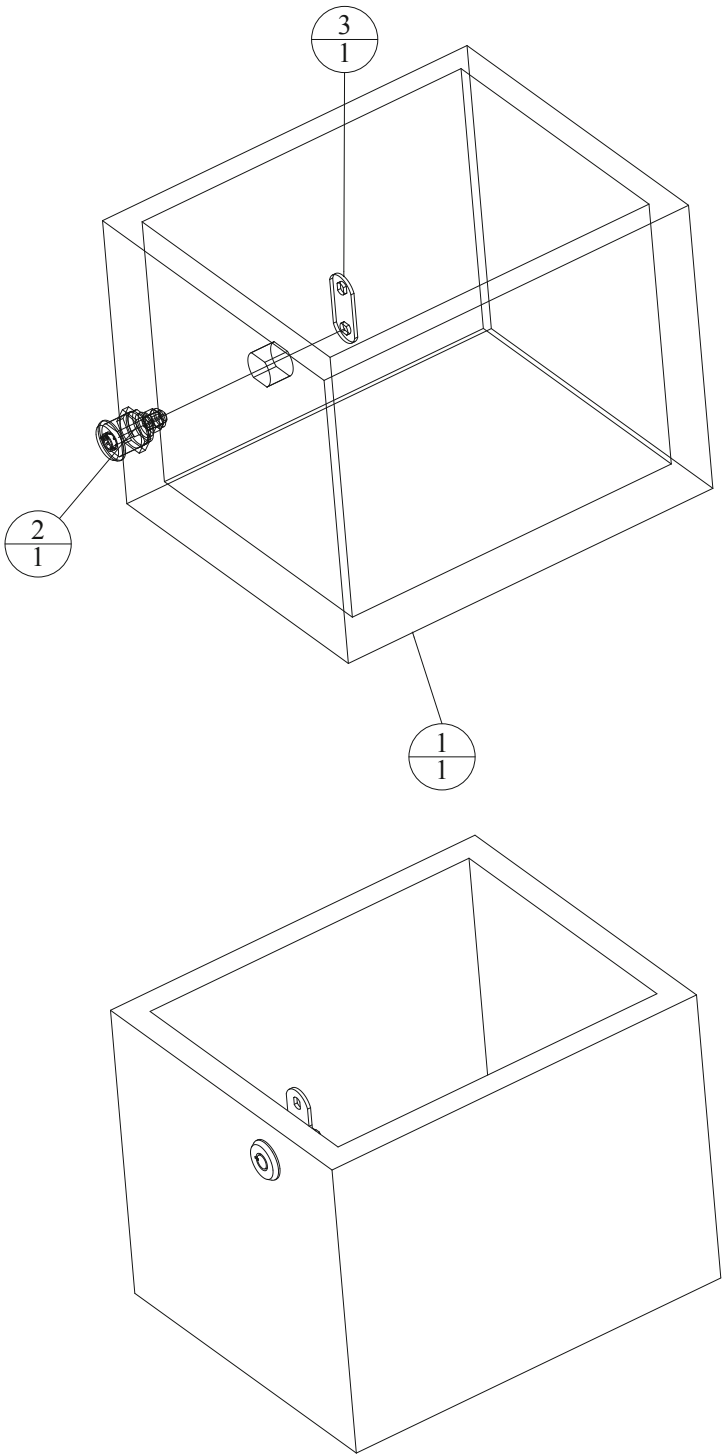
8.Door of the coin selector



9	Bracket of the coin selector		1	
8	Round head square neck carriage bolts	M4*20(BL)	3	
7	Offset cam		1	
6	Cam lock	5555-K	1	
5	Hex flange nut	M4(Zn)	7	
4	Coin selector door	MDF T=15	1	
3	Base of the coin selector	SPCC T=1.0	1	
2	Door hinge of the coin selector		1	
1	Cross recessed truss head machine screw	M3*8(Cr)	11	
No.	Name	Specification/Material	Quantity	Notes

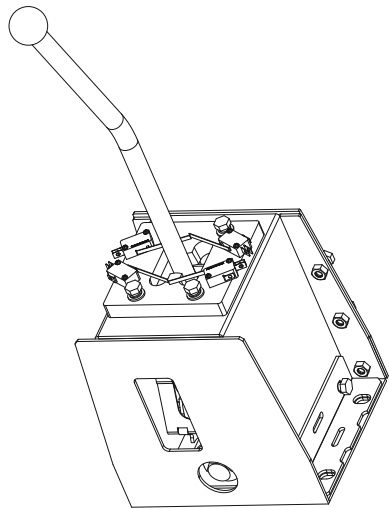
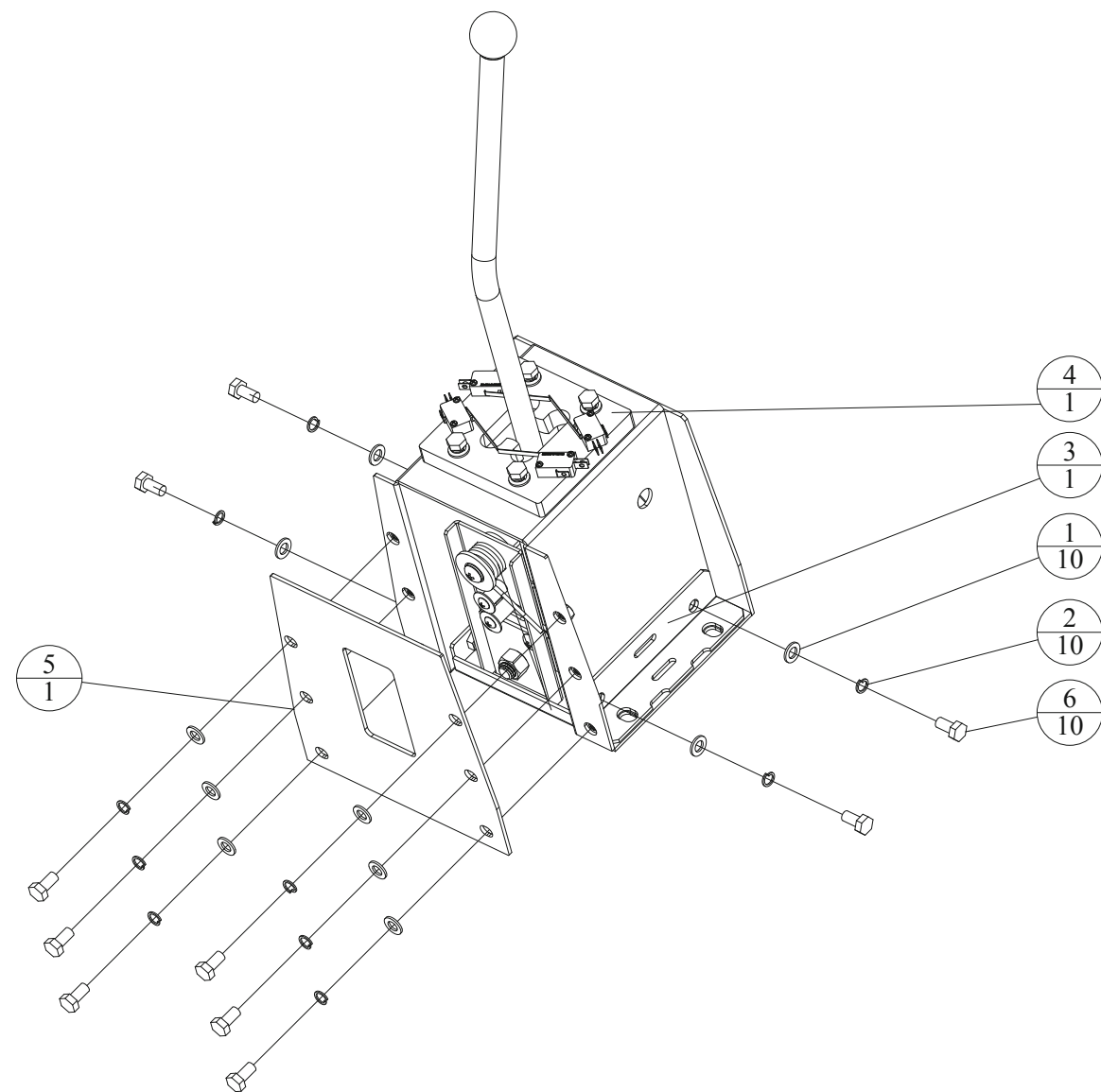
Assembly illustration

9.Cashbox assembly



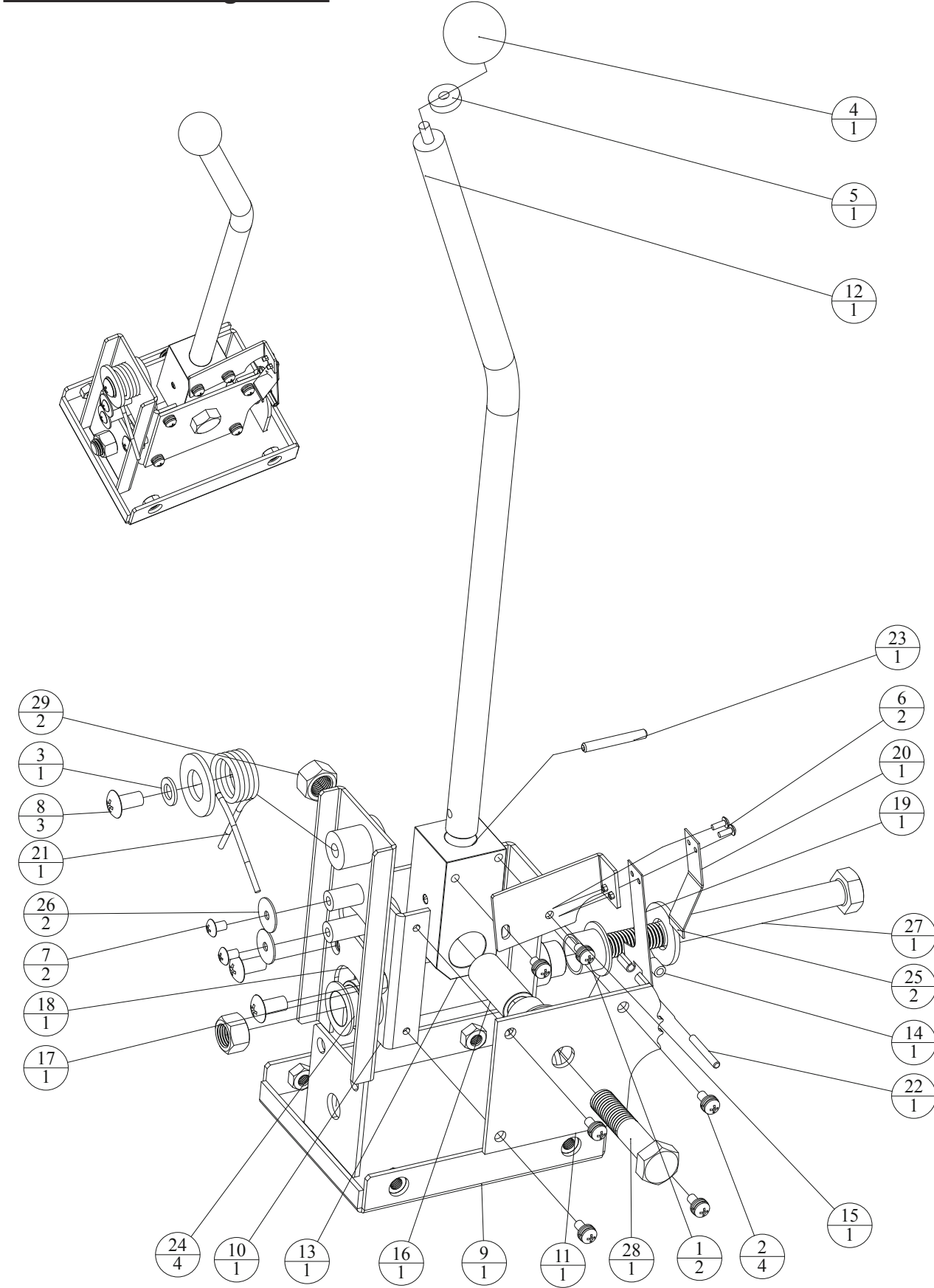
3	Straight cam - short	4cm	1	
2	Cam lock	M7-S	1	
1	Cashbox		1	
No.	Name	Specification/Material	Quantity	Notes

10.Mechanism assembly of the gearbox



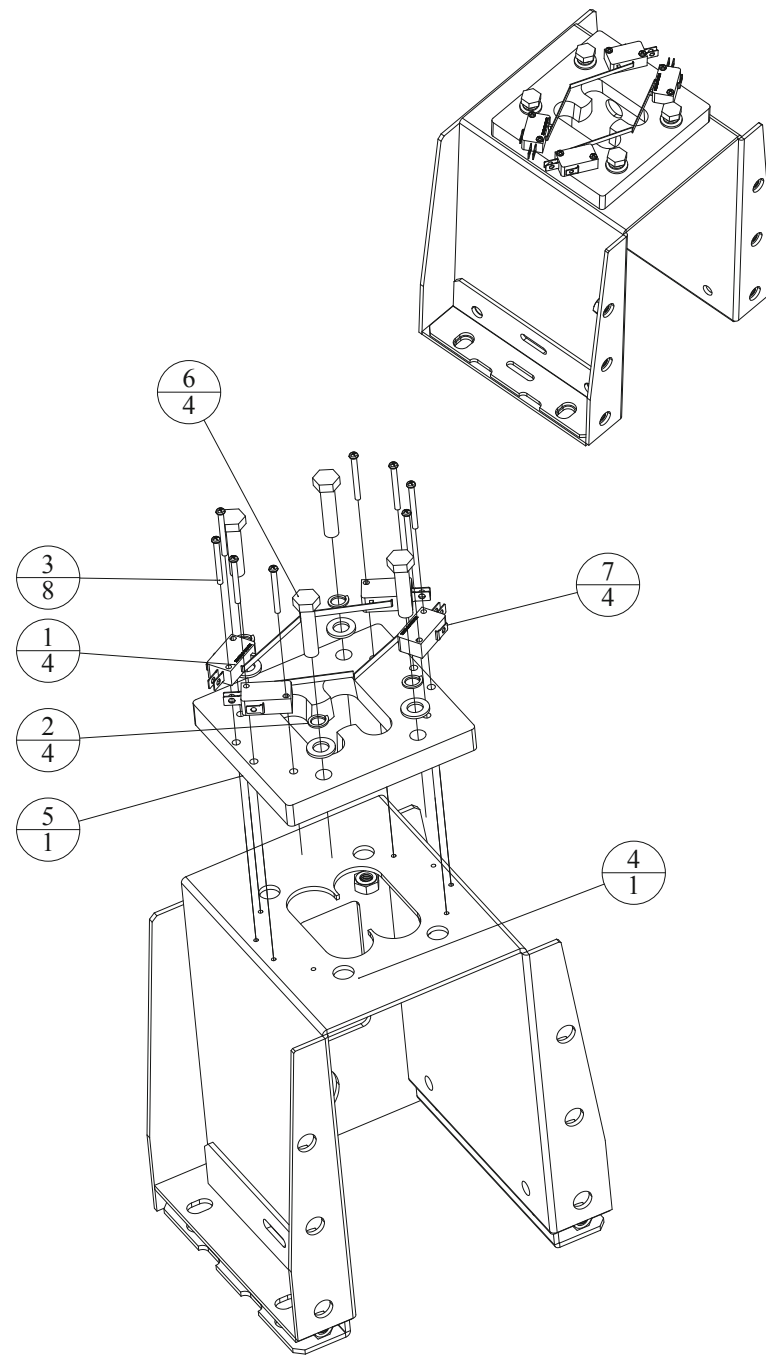
6	Hex head screw	M8*16(Cr)	10	
5	Side cover of the gearbox	SPCC T=3.0	1	
4	Limit switch assembly of the gearbox		1	
3	Base of the gearbox		1	
2	Spring washer	Ø8.2(Cr)	10	
1	Plain washer	Ø8x16x2.0(Cr)	10	
No.	Name	Specification/Material	Quantity	Notes

10-1.Base of the gearbox



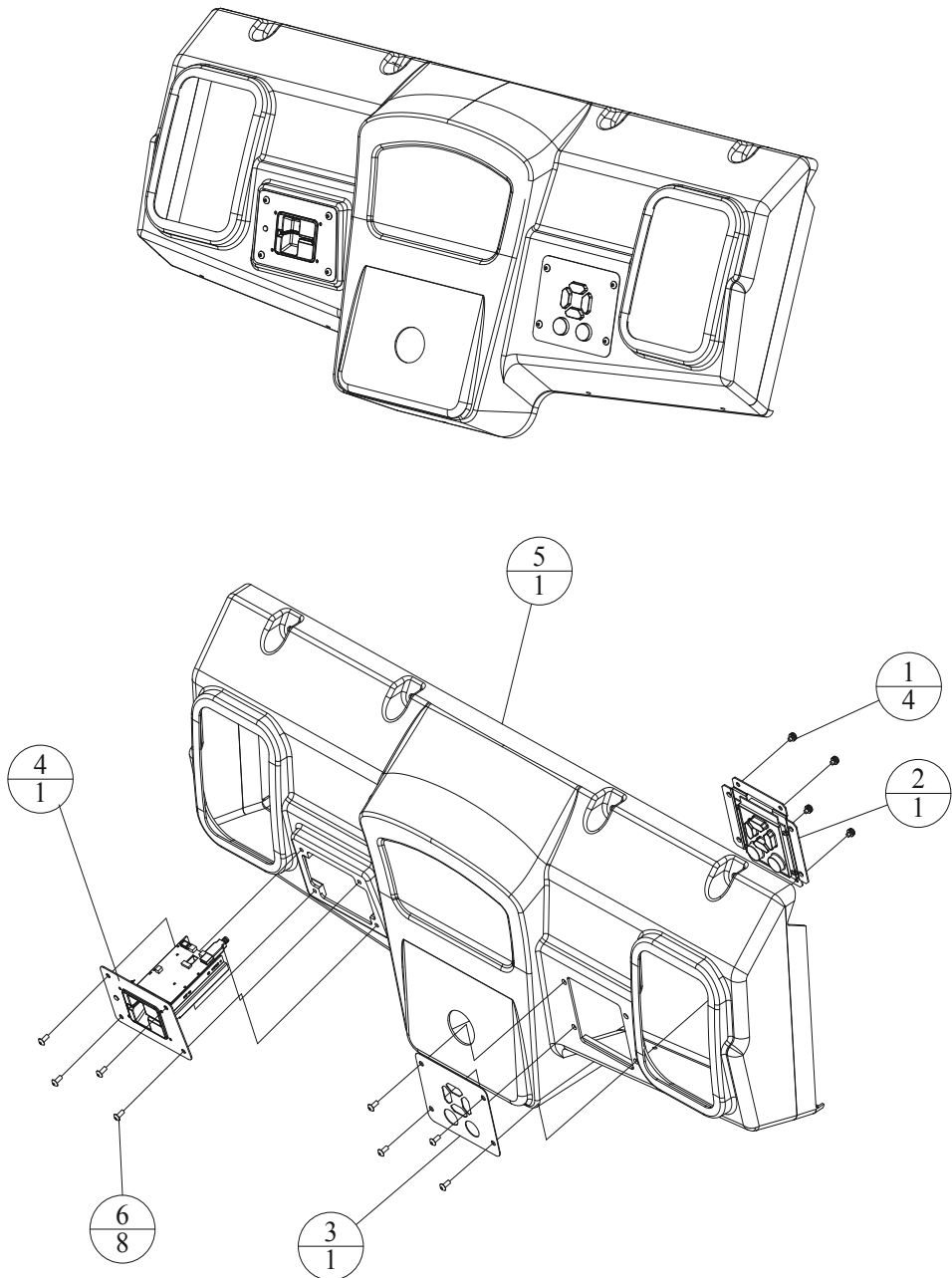
29	Hex nuts	M14(Zn)	12	
28	Hex head screws	m14x65(Zn)		
27	Hex head screws	m14x150(Zn)		
26	Plain washers	Ø5xØ20x1(Cr)	3	
25	Plain washers	Ø18xØ36x2(Zn)	12	
24	Self-lubricating bearings	D20 D23 H16	8	
23	Spring-type Straight Pin	GB/T879.1 5X40	6	
22	Spring hinge	S45C	9	
21	Torsional spring	Spring steel d=3.0	4	
20	Spring steel - small	Spring steel T=1.0	4	
19	Spring steel - large	Spring steel T=0.8	5	
18	Bracket of the spring	Zn	10	
17	Bushing - 2	S45C	1	
16	Bushing - 1	S45C	3	
15	Holder of the spring	SPCC T=2.0	4	
14	Roller	Brass	8	
13	Revolution block	S45C	1	
12	Gear stick	S45C	1	
11	Holder of the gearbox	SPCC T=3.0	1	
10	Revolution mechanism assembly of the gearbox	Zn	1	
9	Bracket of the gearbox	Zn	1	
8	Cross recessed truss head machine screws	M8*16(Cr)	2	
7	Cross recessed truss head machine screws	M5*8(Cr)	1	
6	Cross recessed truss head machine screws	M3*8(Cr)	1	
5	Foam pad	Ø18xØ6x5	1	
4	Gear stick head	Ø40mm(BL)	1	
3	Plain washers	Ø5xØ20x1.0(Cr)	1	
2	Cross recessed round head machine screws and washers assemblies	M5*12(Zn)	1	
1	Cross recessed round head machine screws and washers assemblies	M5*10(Cr)	8	
No.	Name	Specification/Material	Quantity	Notes

10-2.Limit switch assembly of the gearbox



7	microswitch	50mm	4	
6	Hex head screw	M8*35(Cr)	4	
5	POM Board	POM T=15.0	1	
4	Bracket of the gearbox	SPCC T=3.0	1	
3	Cross recessed round head machine screw	M3*30(Cr)	8	
2	Spring washer	Ø8.2(Cr)	4	
1	Plain washer	Ø8x16x2.0(Cr)	4	
No.	Name	Specification/Material	Quantity	Notes

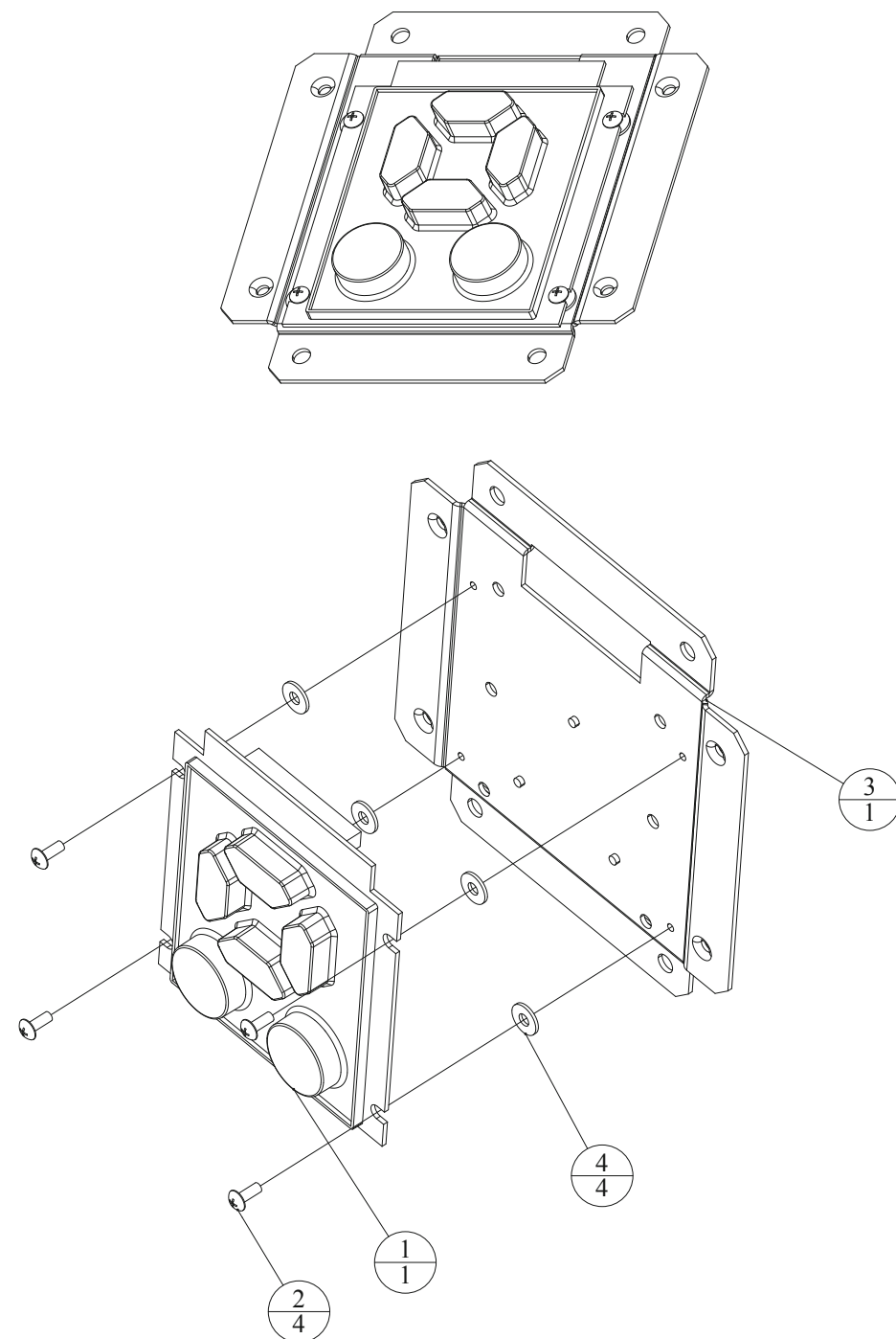
11.Instrument pane cover assembly



6	Hex socket truss head machine screw	M5*12(Cr)	8	
5	Instrument panel	ABS T=3.0	1	
4	Card reader assembly		1	
3	Cover of the Button	SUS T=1.0	1	
2	Bracket of the membrane switch		1	
1	Cross recessed round head machine screws and washers assemble	M5*8(Cr)	4	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

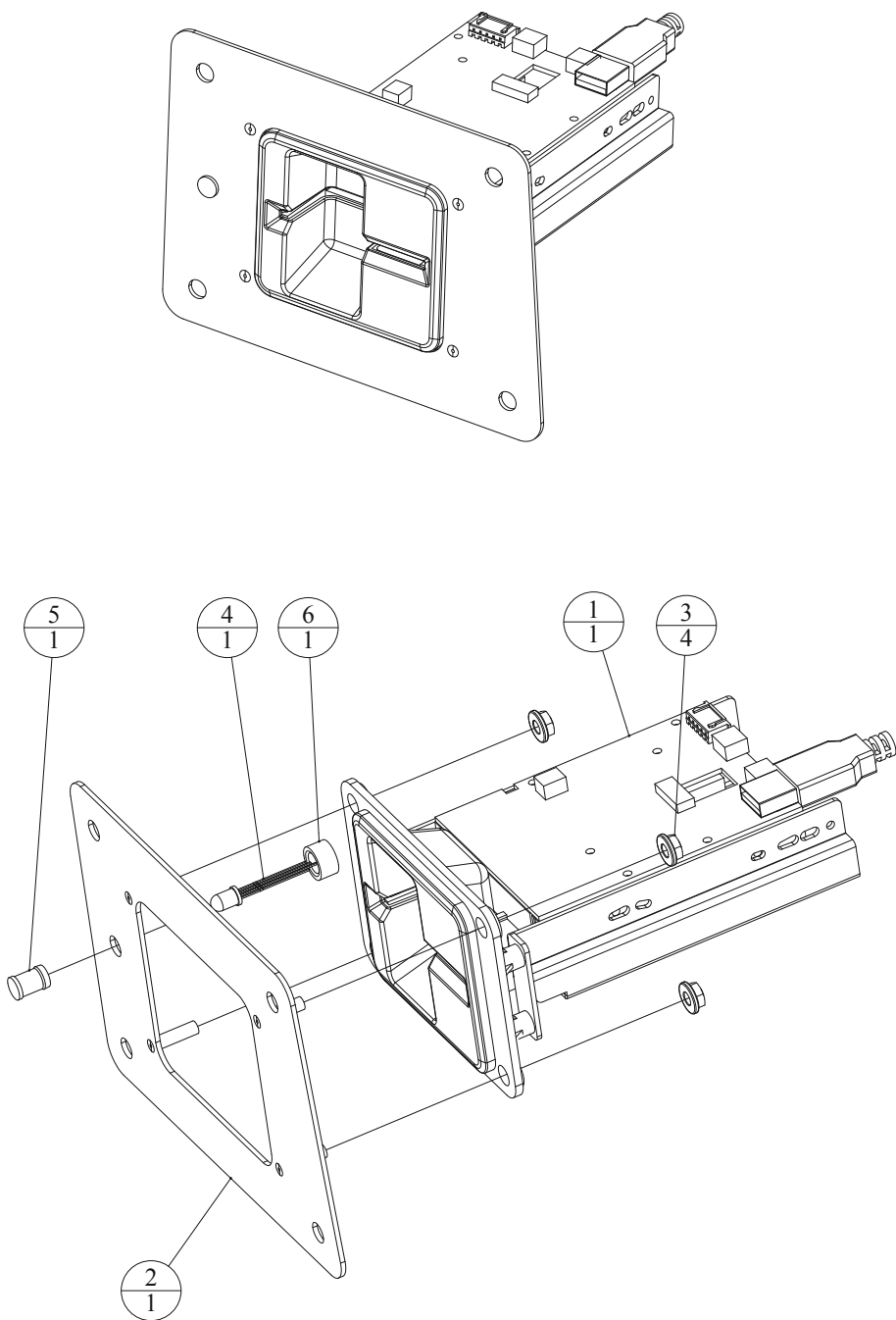
11-1.Bracket of the membrane switch



4	Plain washer	Ø4*Ø10*1.0(Zn)	4	
3	Bracket of the membrane switch	SPCC T=1.5	1	
2	Cross recessed truss head machine screw	M3*8(Cr)	4	
1	Membrane switch		1	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

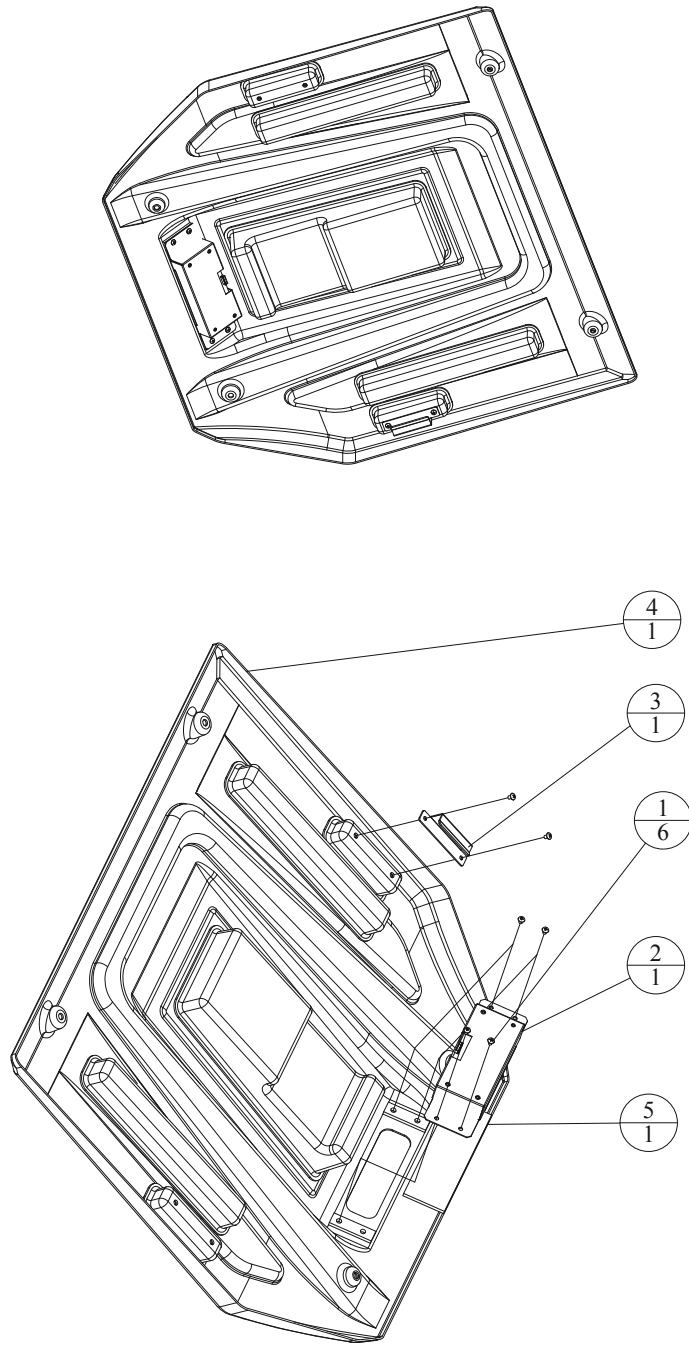
11-2.Card reader assembly



6	LED Holder	UW-06A-N2B	1	
5	LED Cap	EDK-01-PCW	1	
4	LED		1	
3	Hex flange nuts	M4(Zn)	4	
2	Cover of the card reader	SUS T=1.5	1	
1	Card Reader		1	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

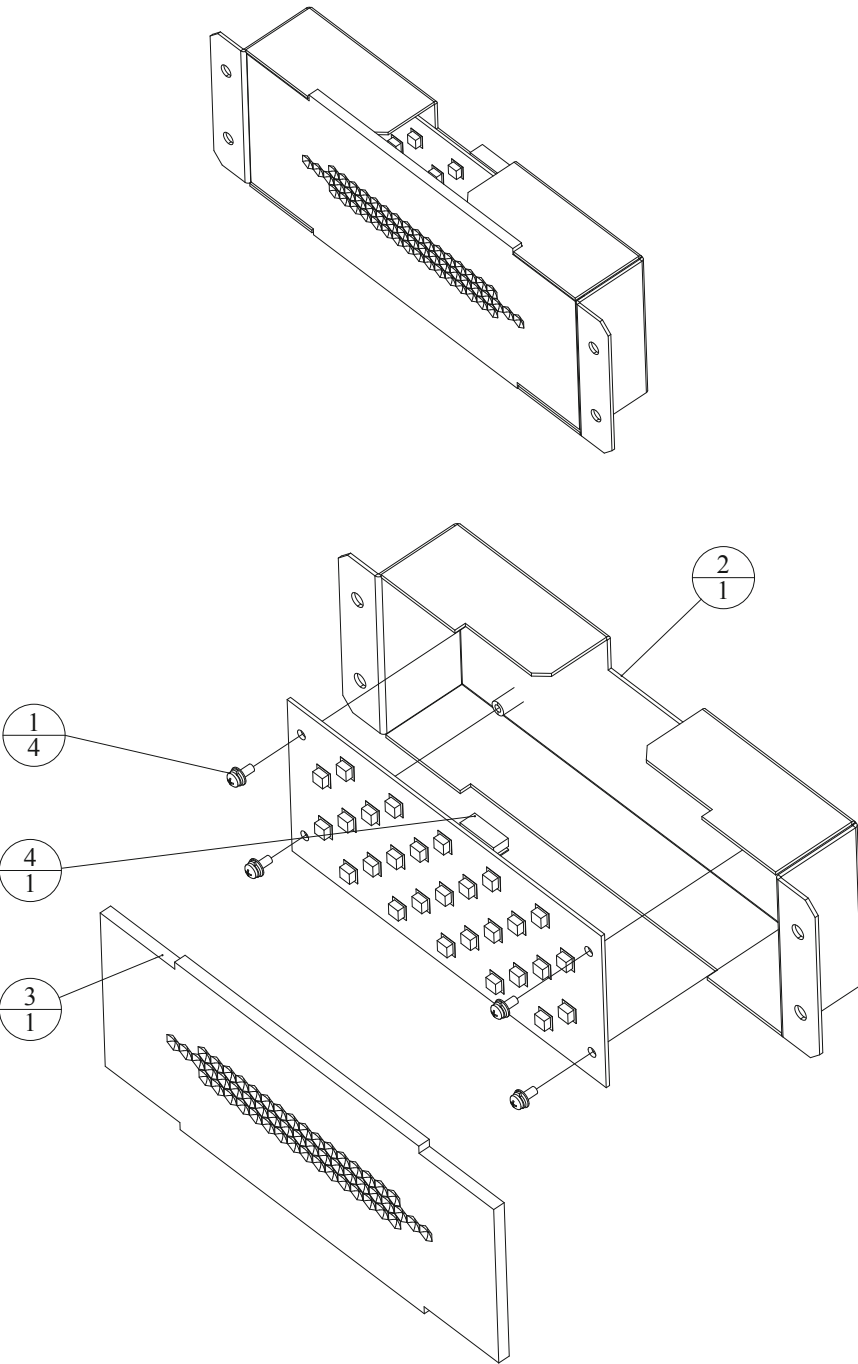
12.Side plastic cover assembly



5	PMMA board of the side light	PMMA T=10.0	1	
4	Side cover of the cabinet	ABS T=3.0	1	
3	Hook of the side cover	SECC T=2.0	1	
2	Bracket assembly of the side light		1	
1	Cross recessed truss head machine screw	M5*8(Cr)	6	
No.	Name	Specification/Material	Quantity	Notes

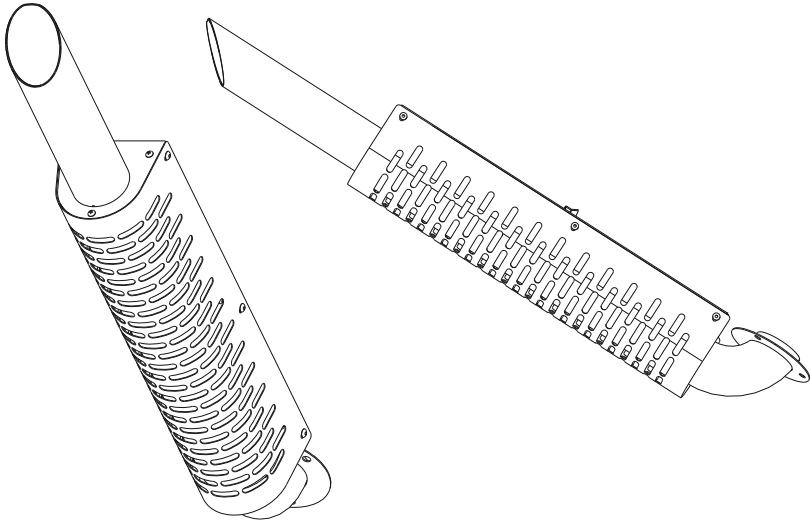
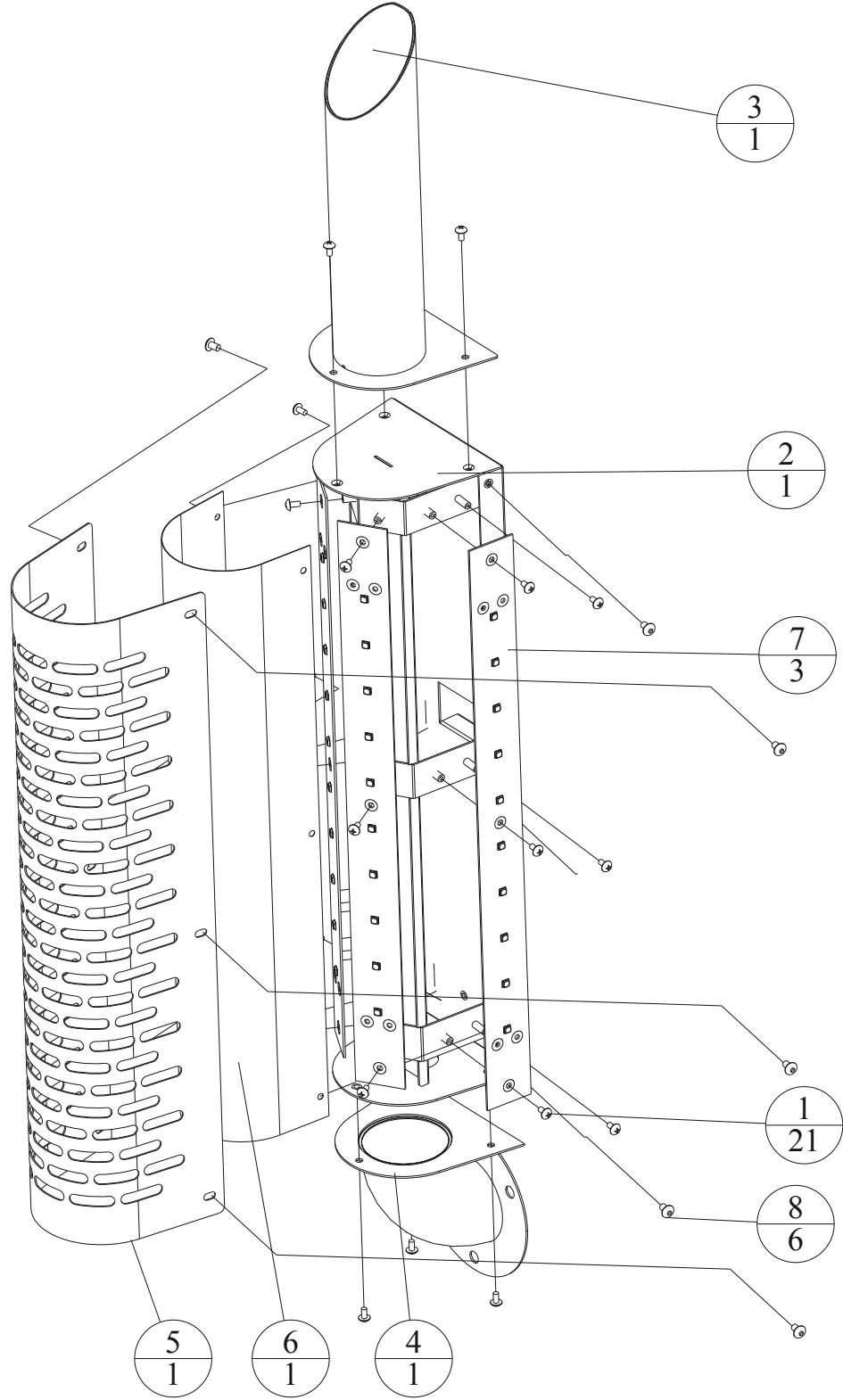
Assembly illustration

12-1.Bracket assembly of the side light



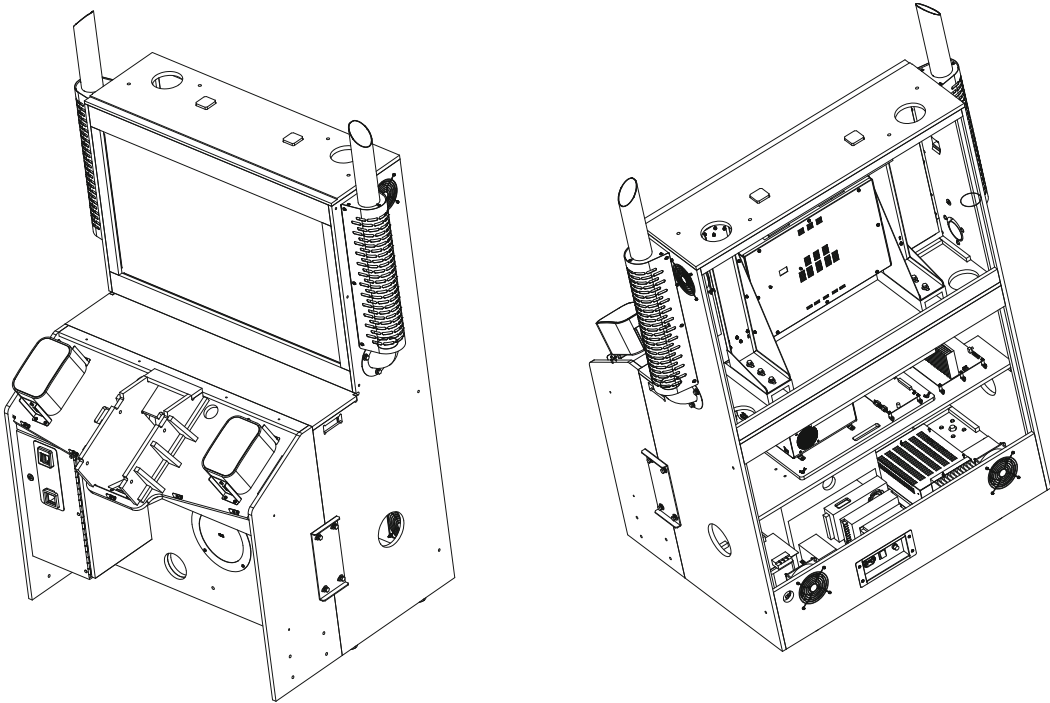
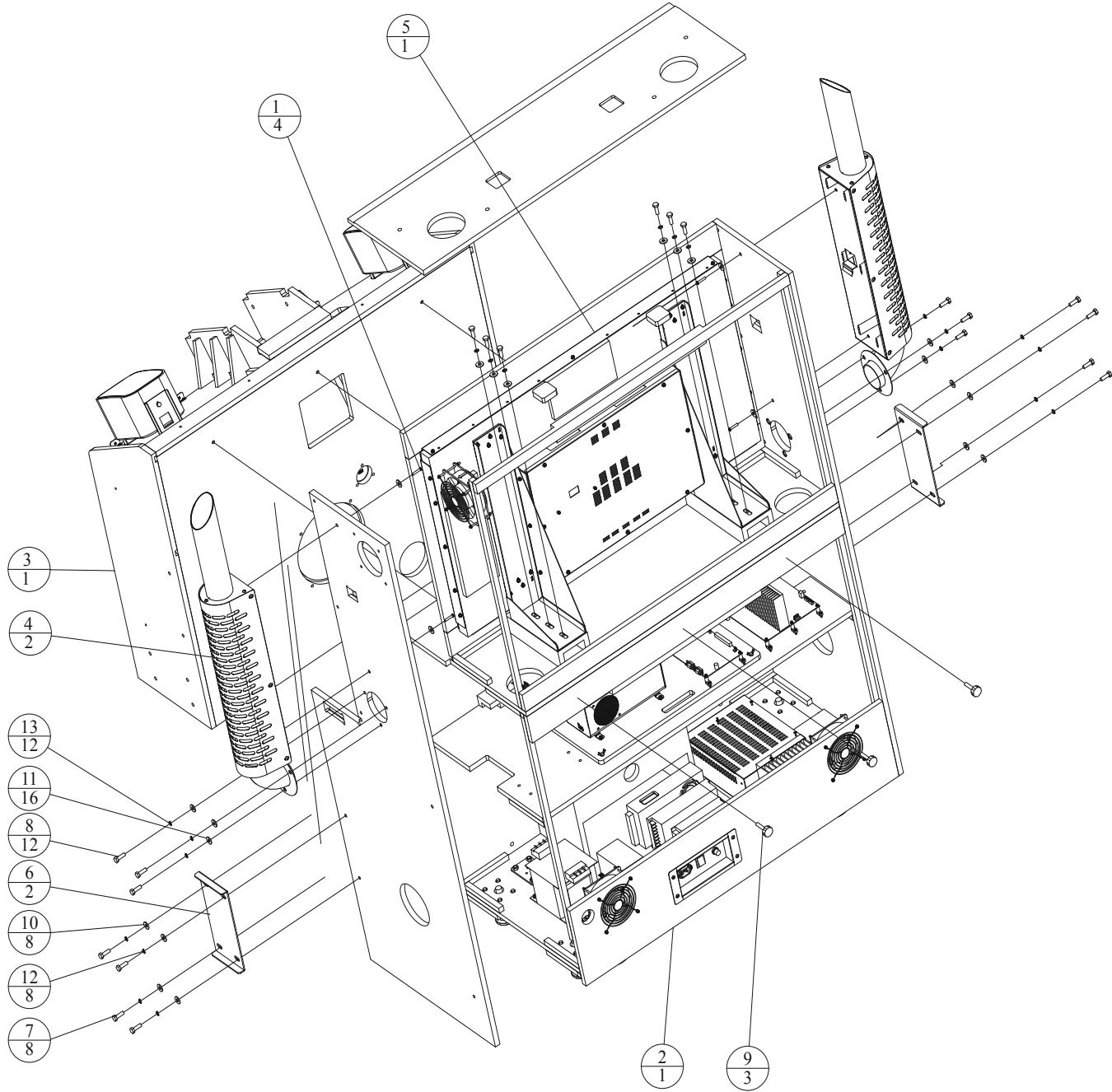
4	LED light board		1	
3	Prism Embossed Sheet PlasticBuilding Material	T=5.0	1	
2	Bracket of the side light	SPCC T=1.5	1	
1	Cross recessed round head machine screws and washers assemble	M3*8(Cr)	4	
No.	Name	Specification/Material	Quantity	Notes

13.Exhaust pipe assembly



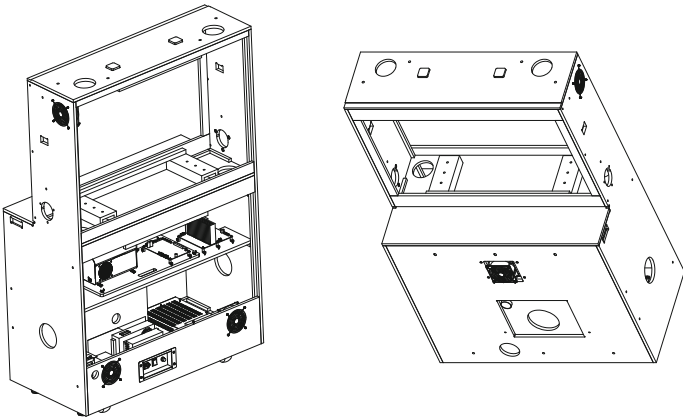
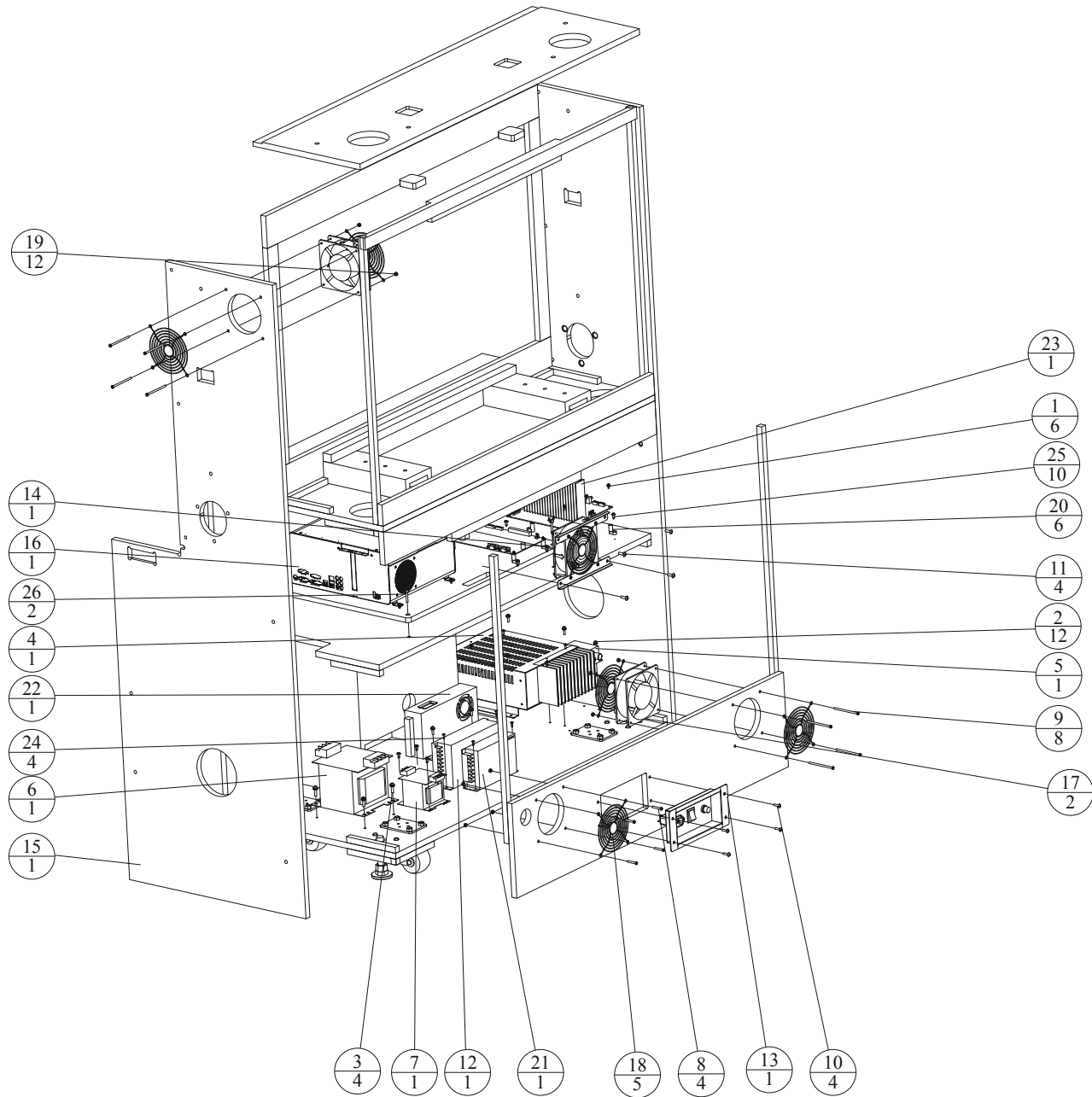
8	Hex socket truss head machine screw	M5*8(BL)	6	
7	LED light board		3	
6	Plastic sheet of the exhaust pipe	PVC T=0.5	1	
5	Cover of the exhaust pipe		1	
4	Components of the exhaust pipe -1		1	
3	Components of the exhaust pipe -2		1	
2	Base of the exhaust pipe		1	
1	Cross recessed truss head machine screw	M4*8(Cr)	21	
No.	Name	Specification/Material	Quantity	Notes

14.Cabinet assembly



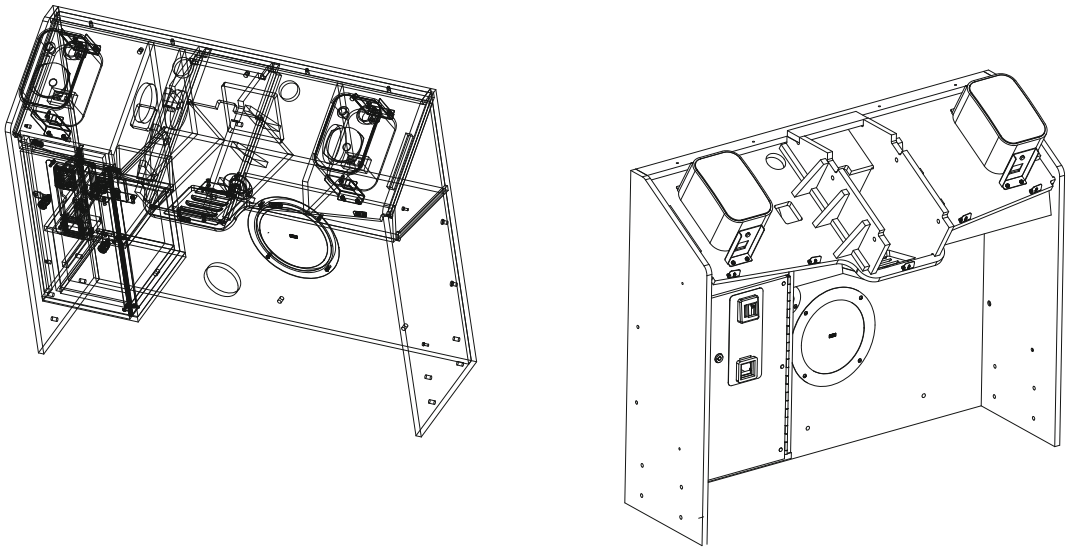
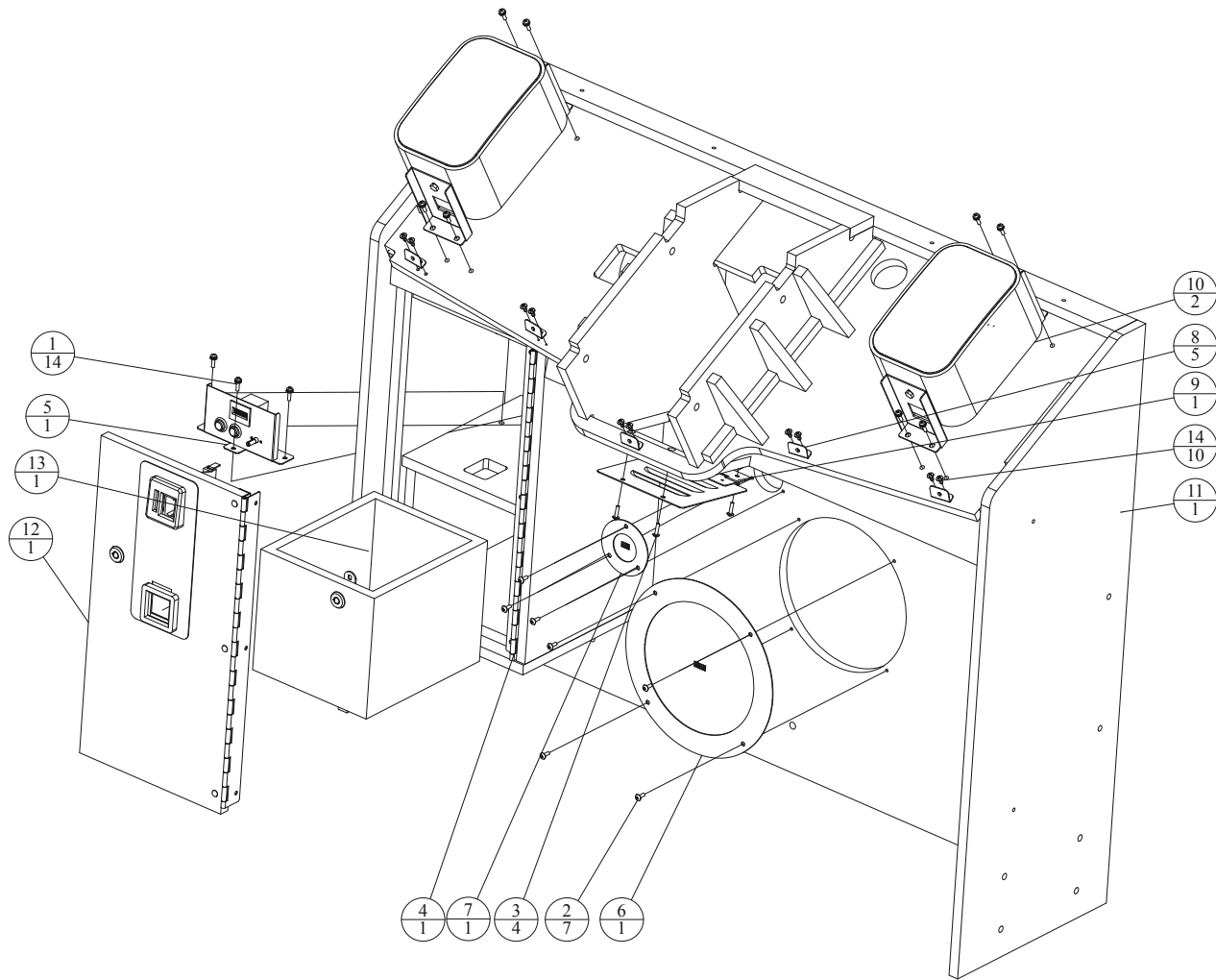
13	Hex head screw	Ø8.2(Cr)	12	
12	Hex head screw	Ø8.2(BL)	8	
11	Hex head screw	Ø8*Ø20*2.0(Cr)	16	
10	Plain washer	Ø8*Ø20*2.0(BL)	8	
9	Plain washer	Ø8*Ø	3	
8	Hex head screw	M8*25(stainless steel)	12	
7	Hex head screw	M8*25(BL)	8	
6	Holder of the cabinet	SPCC T=3.0	2	
5	Bracket assembly of the LCD		1	
4	Exhaust pipe assembly		2	
3	Instrument panel assembly of the cabinet		1	
2	Cabinet assembly of the LCD		1	
1	Cross recessed round head machine screw	M5*25(stainless steel)	4	
No.	Name	Specification/Material	Quantity	Notes

14-1.Cabinet assembly of the LCD



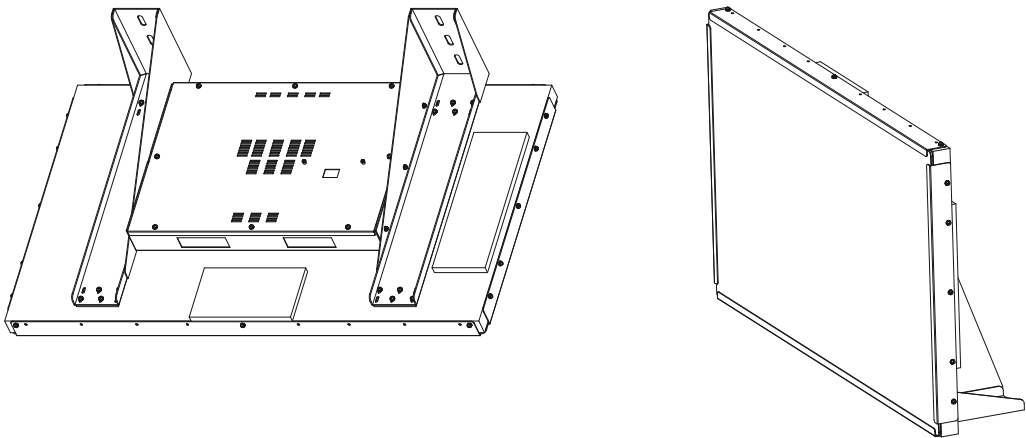
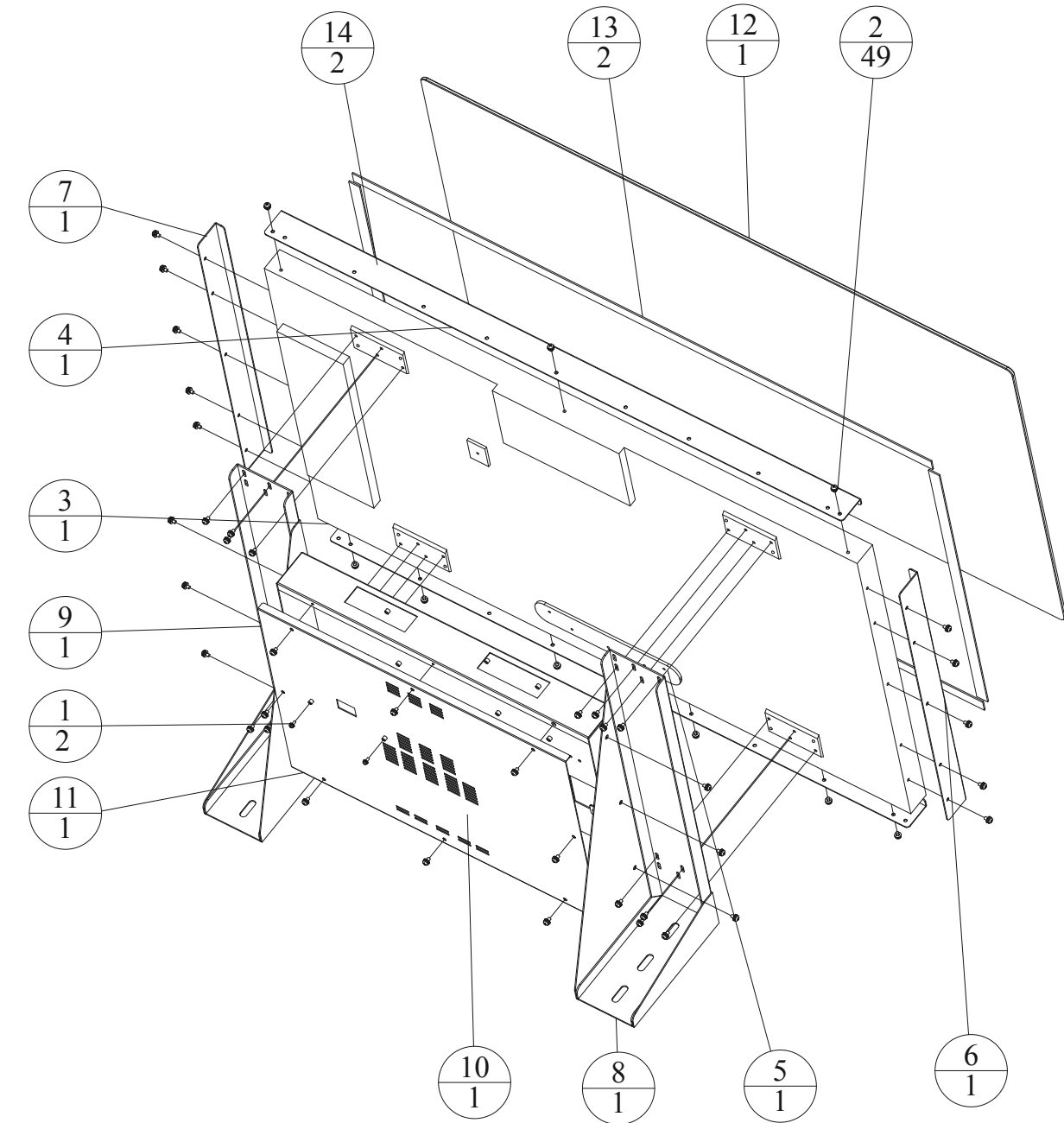
26	Wing screw	M4*25(Zn)	2	
25	Cross recessed truss head self tapping screw	M4*12(Zn)	10	
24	Cross recessed truss head self tapping screw	M3*12(Cr)	4	
23	Bass shaker AMP	HDF T-2	1	
22	Power supply	36V 4.3A	1	
21	Power supply	12V 5A	1	
20	PCB mount	M3mm	6	
19	Hex nut	M4(Zn)	12	
18	Fan Gaurd	12cm*12cm	5	
17	AC Axial Fan	12cm*12cm/AC110V	2	
16	Bracket assembly of the case		1	
15	Cabinet assembly		1	
14	Bracket assembly of the fan		1	
13	Power switch assembly		1	
12	Power supply	12V 5A	1	
11	Cross recessed truss head machine screw	12V 5A	4	
10	Cross recessed truss head machine screw	M4*16(BL)	4	
9	Cross recessed round head machine screw	M4*70(BL)	8	
8	Cross recessed round head machine screw	M4*70(BL)	4	
7	Transformer	200W-AC220/110V 16V-0V-16V	1	
6	Transformer	HL1100W 220V/110V	1	
5	AMP	DX-A3 DC12V 200W	1	
4	AMP	AC115V/AC230V	1	
3	Cross recessed round head machine screws and washers assemblie	M5*20(C)	4	
2	Cross recessed round head machine screws and washers assemblies	M4*16(Cr)	12	
1	Cross recessed round head machine screws and washers assemblies	M3*8(Cr)	6	
No.	Name	Specification/Material	Quantity	Notes

14-2.Instrument panel assembly of the cabinet



14	Cross recessed truss head self tapping screw	M4*12(Zn)	10	
13	Cashbox assembly		1	
12	Door of the coin selector		1	
11	Instrument panel assembly of the cabinet		1	
10	Bracket assembly of sound box		2	
9	Maintaining door of the carbon potentiometers		1	
8	Holder of the instrument panel	SPCC T=1.0	5	
7	Woofer mesh - small	SPCC T=1.2	1	
6	Woofer mesh - large	SPCC T=1.2	1	
5	Control tower assembly		1	
4	Door hinge of the instrument panel		1	
3	Cross recessed truss head machine screw	M4*16(BL)	4	
2	Cross recessed truss head machine screw	M4*12(BL)	7	
1	Cross recessed round head machine screws and washers assemble	M4*16(Cr)	14	
No.	Name	Specification/Material	Quantity	Notes

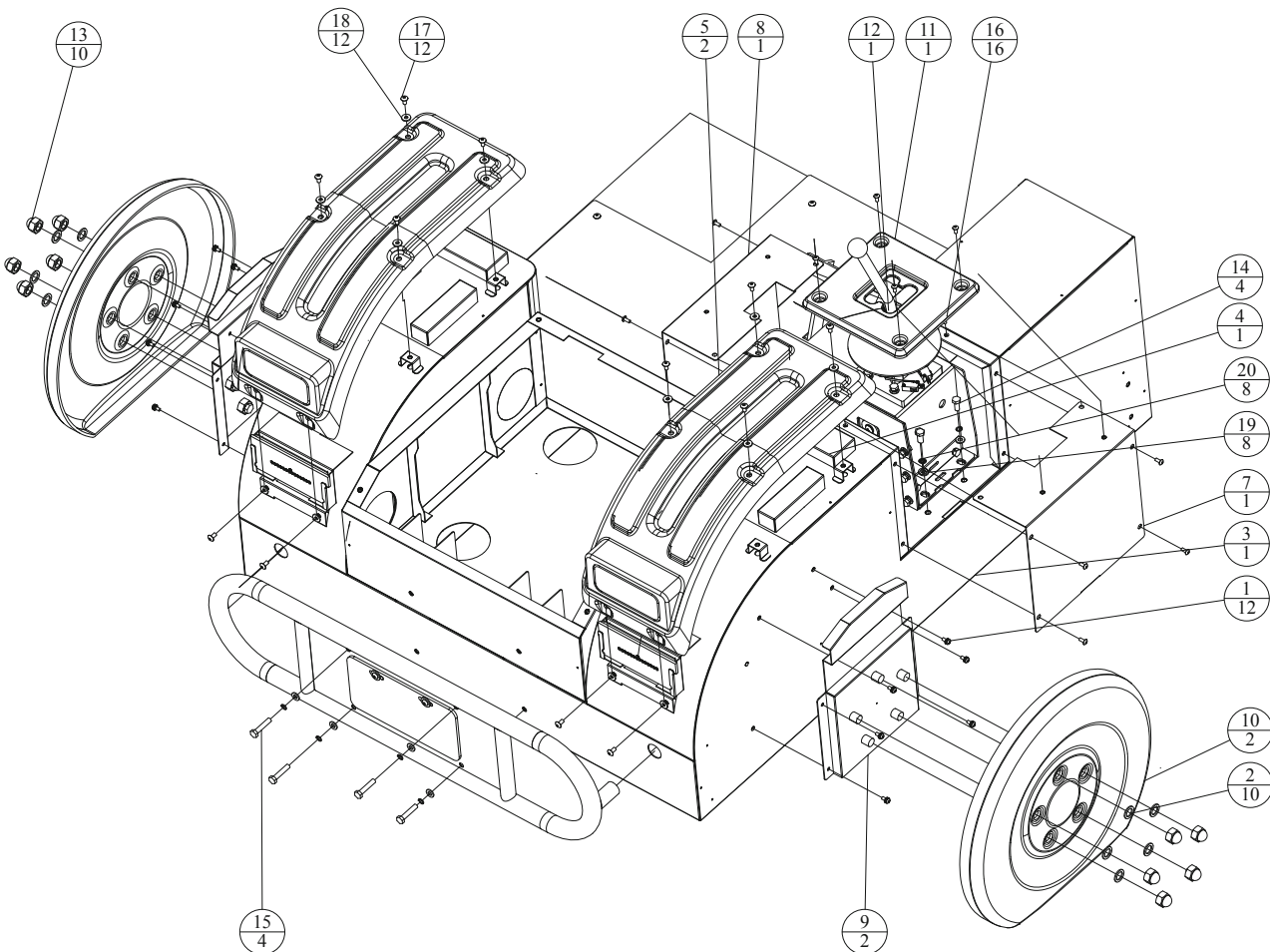
15.Bracket assembly of the LCD



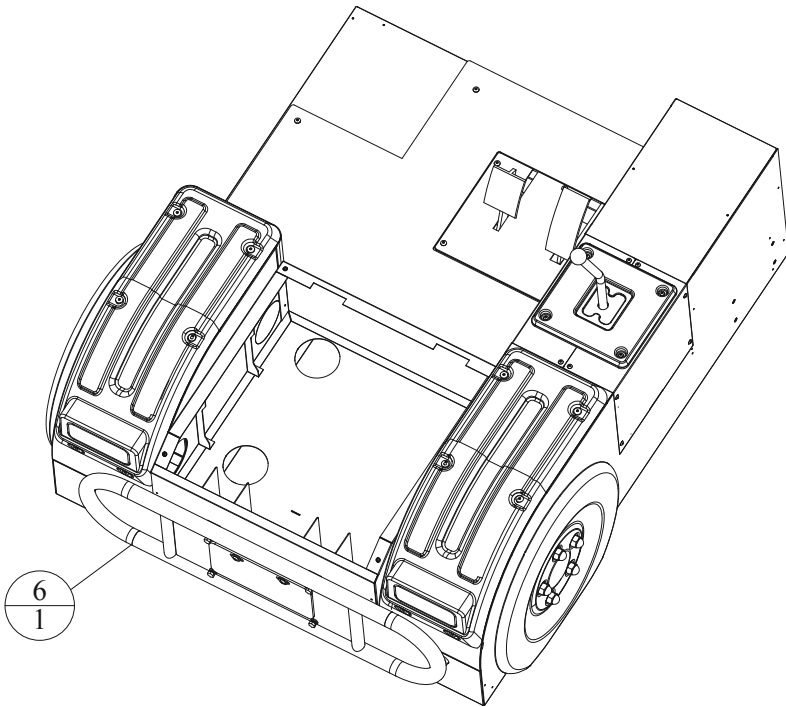
14	EVA sponge - side	2*18mm	2	
13	EVA sponge - upper and lower	2*18mm	2	
12	Tempered glass of the LCD	Glass T=5.0	1	
11	Cover of the PCB board	SPCC T=1.2	1	
10	Bracket of the PCB board	SPCC T=1.5	1	
9	Bracket of the LCD - right	SPCC T=1.5	1	
8	Bracket of the LCD - left	SPCC T=1.5	1	
7	Bracket of the tempered glass - right	SPCC T=1.5	1	
6	Bracket of the tempered glass - left	SPCC T=1.5	1	
5	Bracket of the tempered glass - lower	SPCC T=1.5	1	
4	Bracket of the tempered glass - upper	SPCC T=1.5	1	
3	42"LCD	42" DVI in	1	
2	Cross recessed round head machine screws and washers assemblies	M4*8(Cr)	49	
1	Cross recessed round head machine screws and washers assemblies	M3*8(Cr)	2	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

16.Seat base assembly

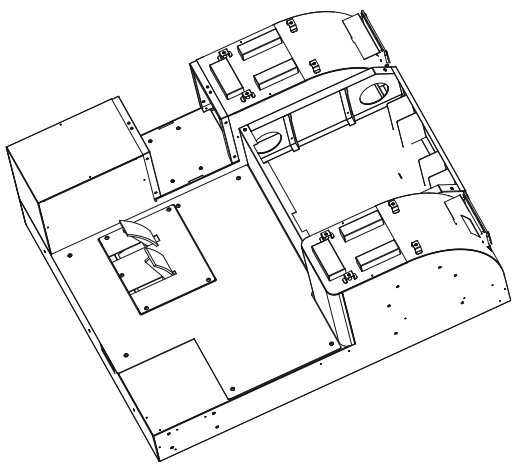
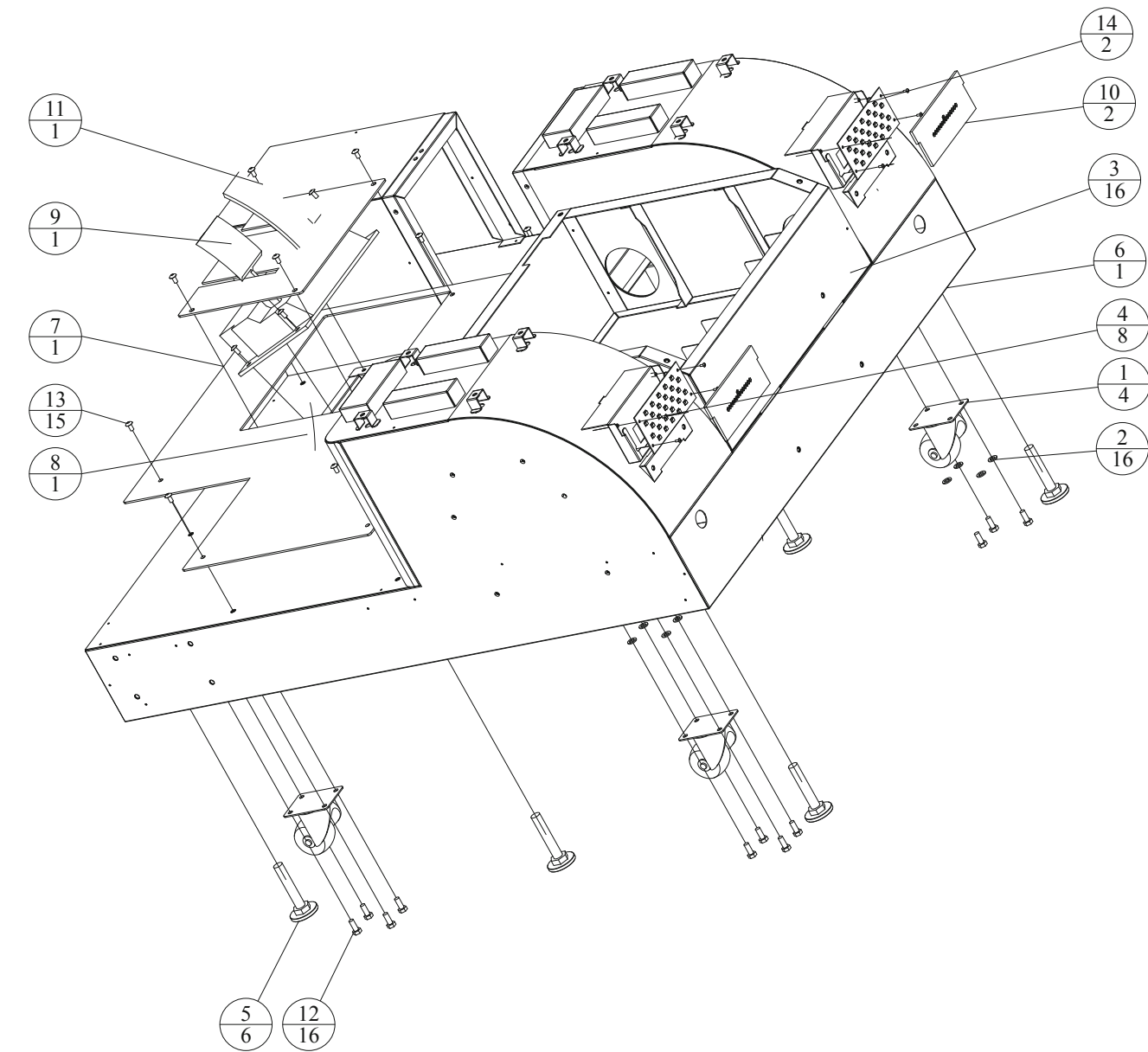


Assembly illustration



20	Spring washer	M4*12(Zn)	8	
19	Plain washer	Ø8*Ø16*2.0(Cr)	8	
18	Plain washer	Ø6*Ø16*2.0(Cr)	12	
17	Hex socket truss head machine screw	M6*12(Cr)	12	
16	Hex socket truss head machine screw	M5*12(BL)	16	
15	Hex head screw	M8*40(Cr)	4	
14	Hex head screw	M8*20	4	
13	Dome nut	M16	10	
12	Cover POM	POM T=3.0	1	
11	Cover of the gearbox	ABS T=3.0	1	
10	Plastic tire	ABS T=5.0	2	
9	Bracket assembly of the plastic tire		2	
8	Mudguard - left	SPCC T=1.5	1	
7	Mudguard - right	SPCC T=1.5	1	
6	Rear bumper assembly		1	
5	Mudguard assembly		2	
4	Mechanism assembly of the gearbox		1	
3	Base assembly of the cabinet		1	
2	Rubber	Ø16*Ø24*2.0(L)	10	
1	Cross recessed round head machine screws and washers assemble	M5*12(BL)	12	
No.	Name	Specification/Material	Quantity	Notes

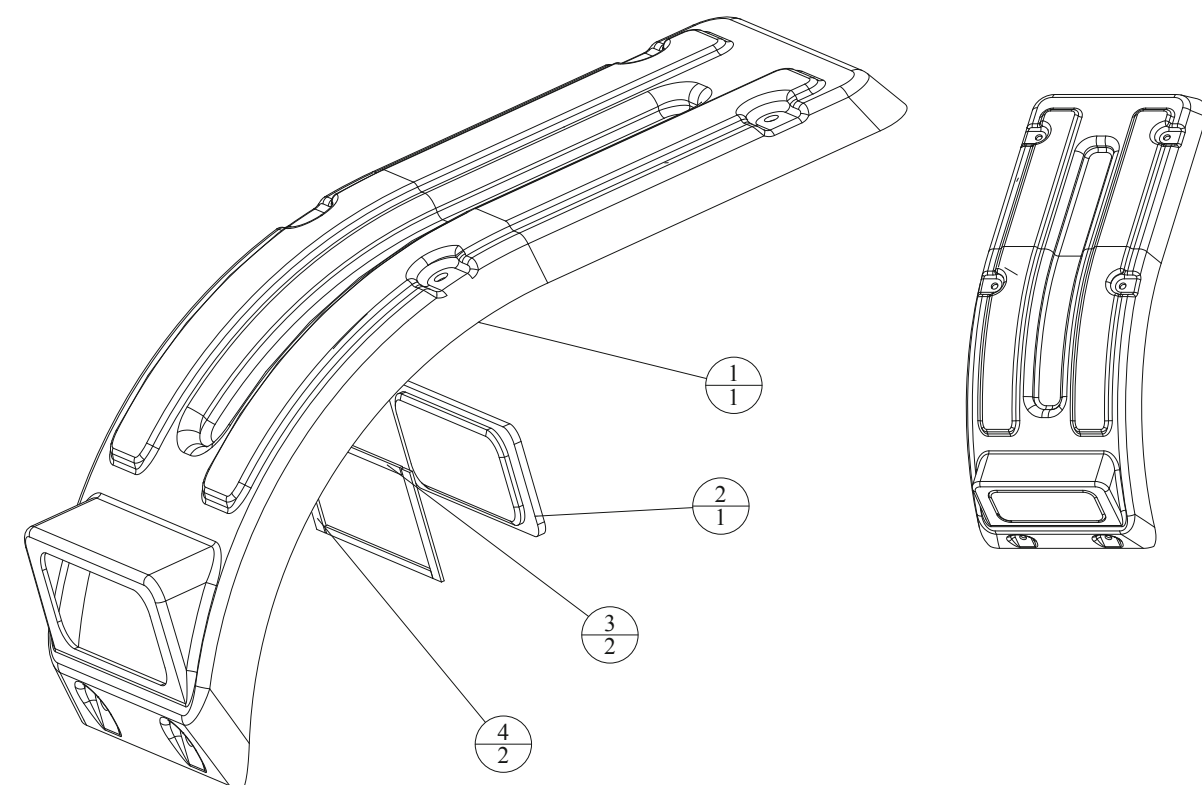
16-1.Base assembly of the cabinet



14	LED light board		2	
13	Hex socket truss head machine screw	M6*12(Cr)	15	
12	Hex head screw	M8*20(BL)	16	
11	Gas and brake pedals assembly		1	
10	Prism Embossed Sheet Plastic Building Material	T=5.0	2	
9	Cover of the gas and brake pedals	SUS T=3.0	1	
8	Gas and brake holder	SPCC T=1.5	1	
7	Embossed aluminum sheet		1	
6	Base assembly of the cabinet		1	
5	Adjusters	M16*Y100(Zn)	6	
4	Cross recessed truss head machine screw	M3*8(Cr)	8	
3	Spring washer	Ø8.2(Cr)	16	
2	Plain washer	Ø8*Ø16*2.0(Cr)	16	
1	Casters		4	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

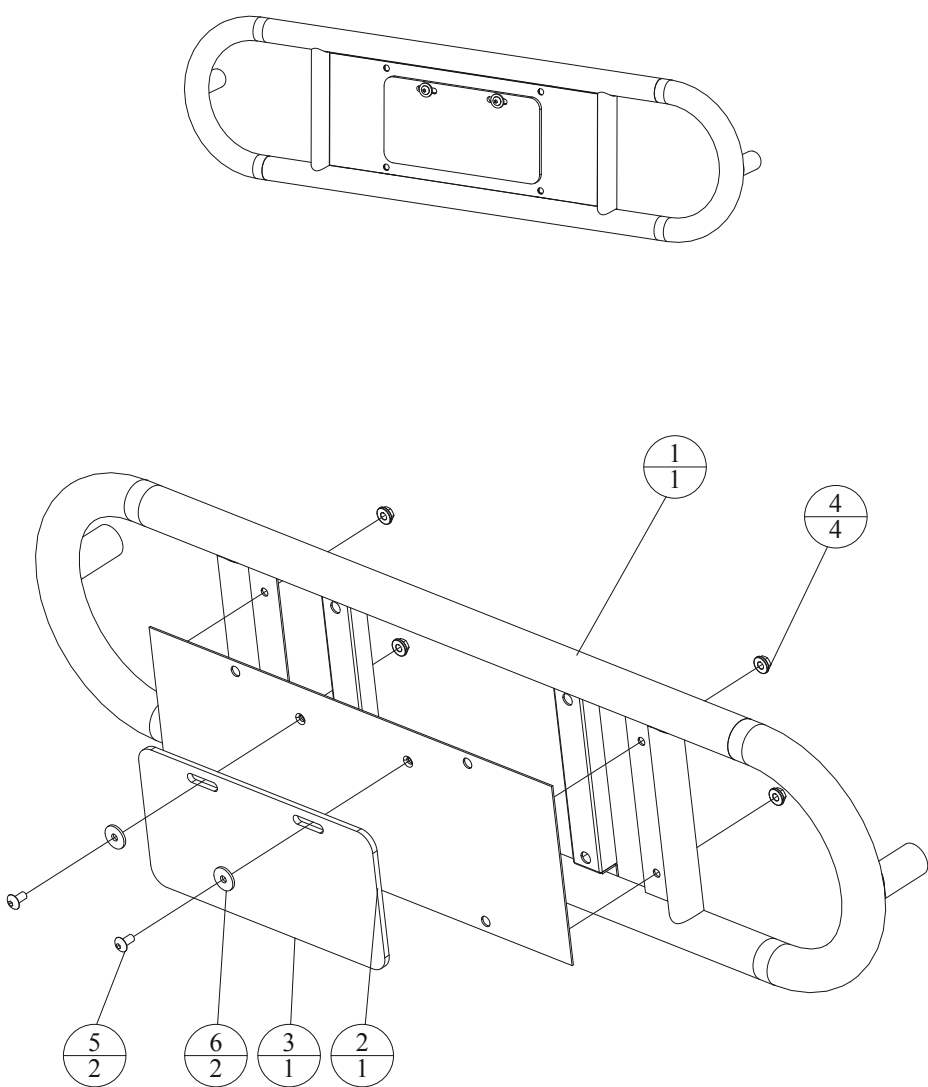
16-2.Mudguard assembly



4	EVA sponge of the tail light - side	12*2*75	2	
3	EVA sponge of the tail light - upper and lower	5*2*150	2	
2	PMMA board of the tail light	PMMA T=10.0	1	
1	Mudguard	(Cr)	1	
No.	Name	Specification/Material	Quantity	Notes

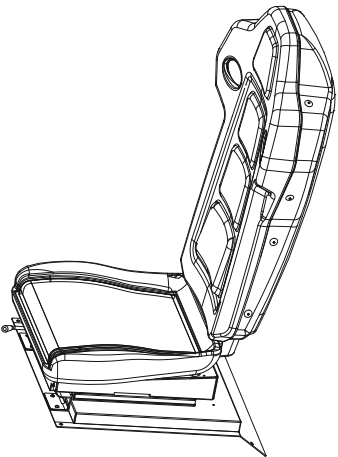
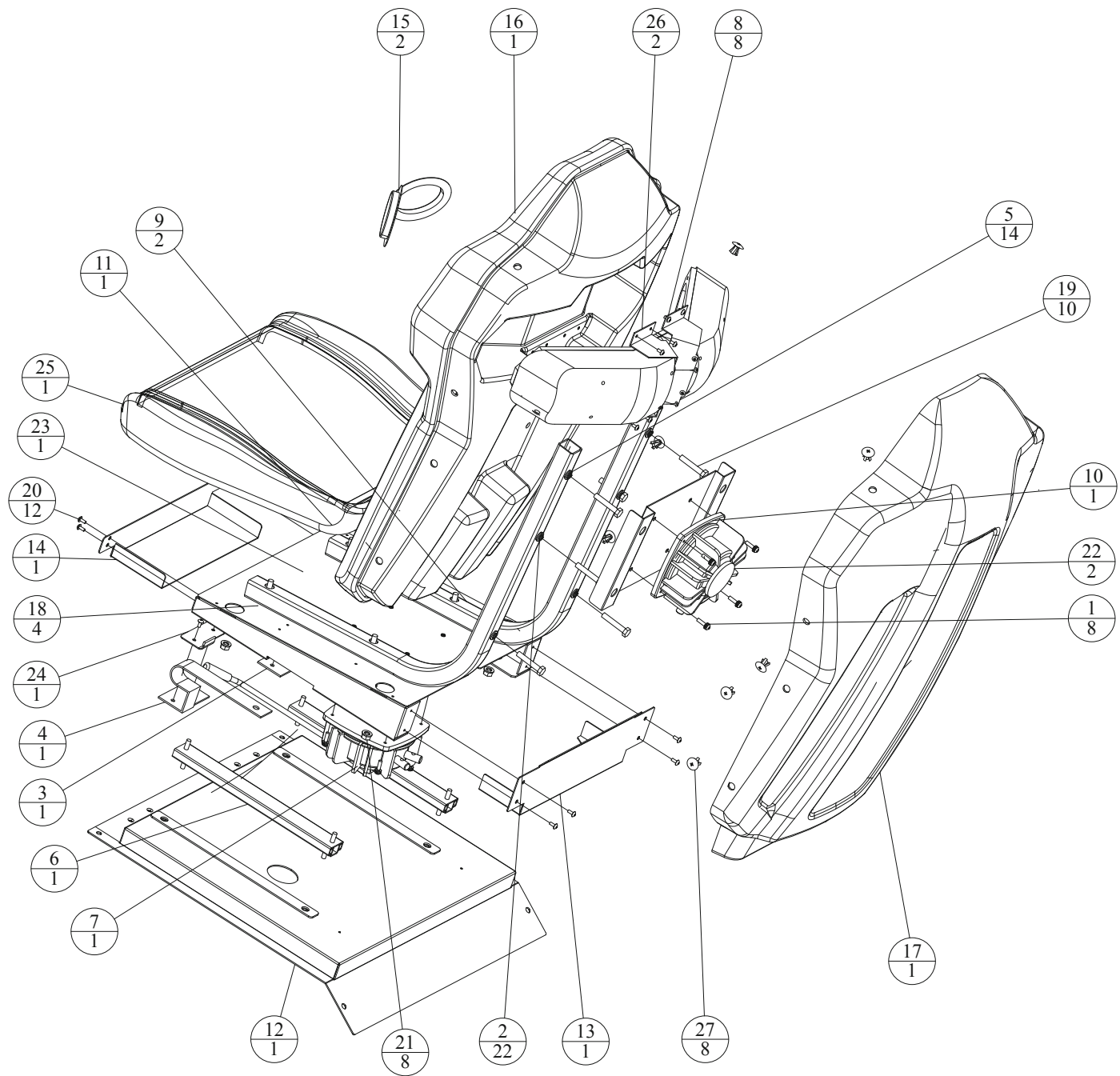
Assembly illustration

16-3.Rear bumper assembly



6	Plain washer	Ø6*Ø20*2.0	2	
5	Hex socket truss head machine screw	M6*12(Cr)	2	
4	Hex flange nut	M6	4	
3	License plate	PMMA T=5.0	1	
2	Bracket of the license plate	SUS T=1.5	1	
1	Rear bumper		1	
No.	Name	Specification/Material	Quantity	Notes

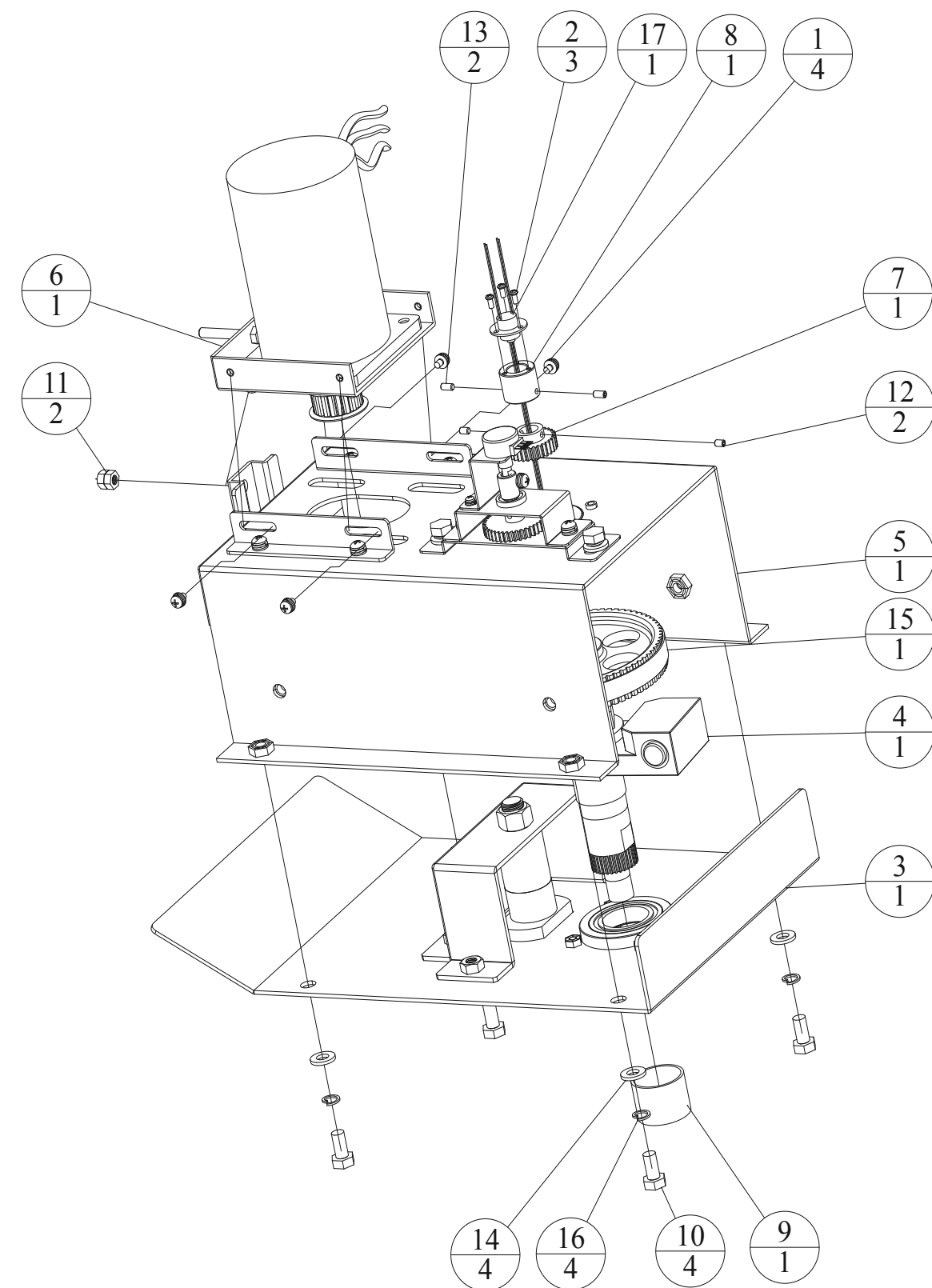
17.Seat assembly



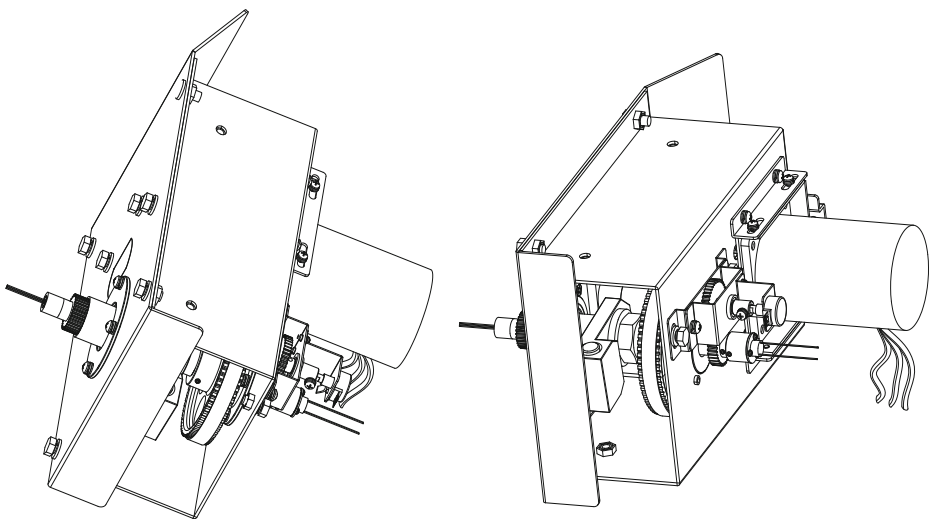
27	Nylon screw		8	
26	Speaker of the seat		2	
25	Cushion		1	
24	Rubber Holder-Right		1	
23	Rubber Holder-Left		1	
22	Bass shaker		2	
21	Hex nut	M8(BL)	8	
20	Hex socket truss head machine screw	M4*10(BL)	12	
19	Hex head screw	M8*45(BL)	10	
18	Hex head screw	M8*20(BL)	4	
17	Plastic cover of the seat	ABS T=3.0	1	
16	Seatback	ABS(BL)	1	
15	Speaker mesh of the seat	(BL)	2	
14	Front holder of the seat	SPCC T-1.5	1	
13	Back holder of the seat	SPCC T-1.5	1	
12	Base of the seat		1	
11	Bracket of the seat	SPCC	1	
10	Bracket of the bass shaker	SPCC T=1.5SPCC	1	
9	Square tube of the seat	30*30 T=2.0	2	
8	Cross recessed truss head machine screw	M4*8(Cr)	8	
7	Right Guideway		1	
6	Left Guideway		1	
5	Spring washers	Ø8.2(Cr)	14	
4	Rubber		1	
3	Rubber		1	
2	Plain washers	Ø8x16(Cr)	22	
1	Cross recessed round head machine screws and washers assemble	M5*20(Cr)	8	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

18.Steering wheel base assembly



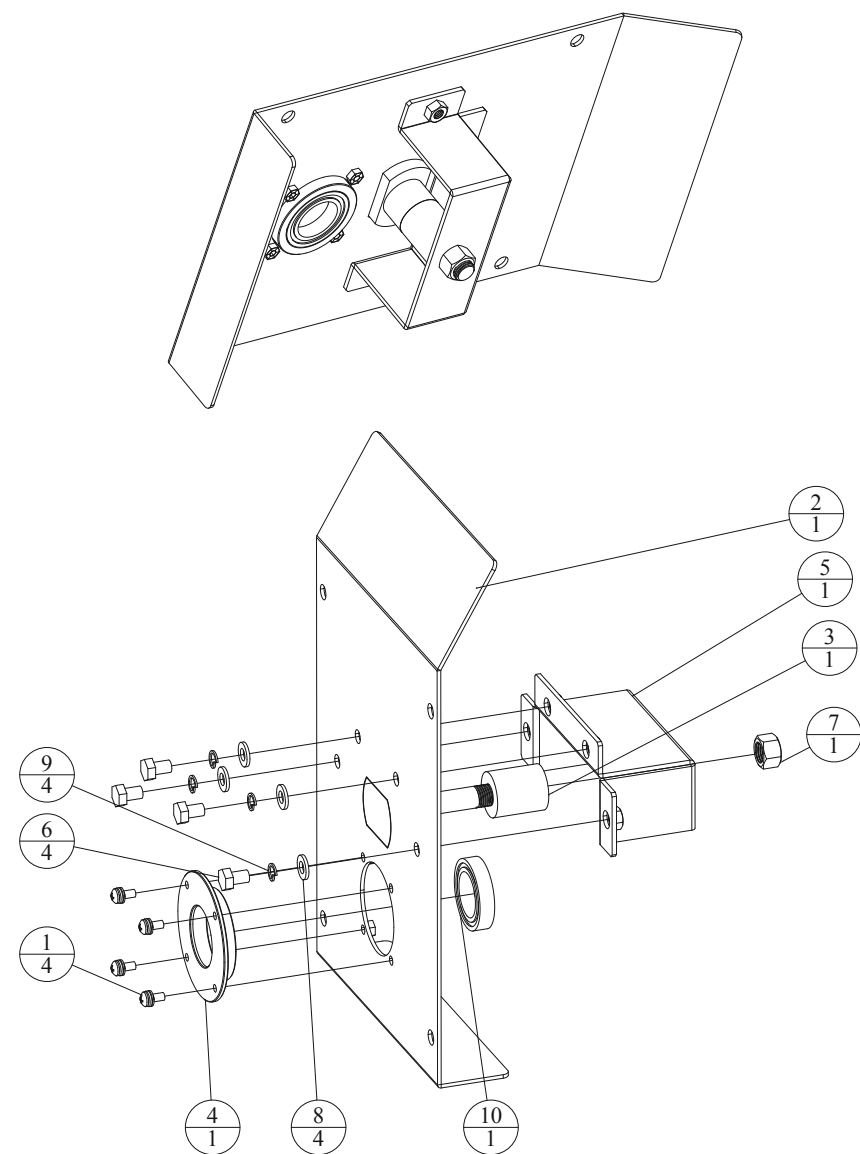
Assembly illustration



17	Electrical Slip Ring		1	
16	Spring washer	Ø8.2(BL)	4	
15	Typical timing belt	210XL-12	1	
14	Plain washer	Ø8*Ø16*2.0(BL)	1	
13	Hex socket set screw	M4*8(BL)	2	
12	Hex socket set screw	M4*6(BL)	2	
11	Hex nut	M6(Zn)	2	
10	Hex head screw	M8*16(BL)	4	
9	Bushing of the steering wheel	steel tube	1	
8	Bracket of the miniature slip ring	S45C	1	
7	Small gear	S45C	1	
6	Bracket of the motor		1	
5	Bracket assembly of the revolution mechanism		1	
4	Revolution mechanism assembly		1	
3	Cover assembly of the revolution mechanism		1	
2	Cross recessed round head machine screw	M3*6(Zn)	3	
1	Cross recessed round head machine screws and washers assemble	M4*8(Zn)	4	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

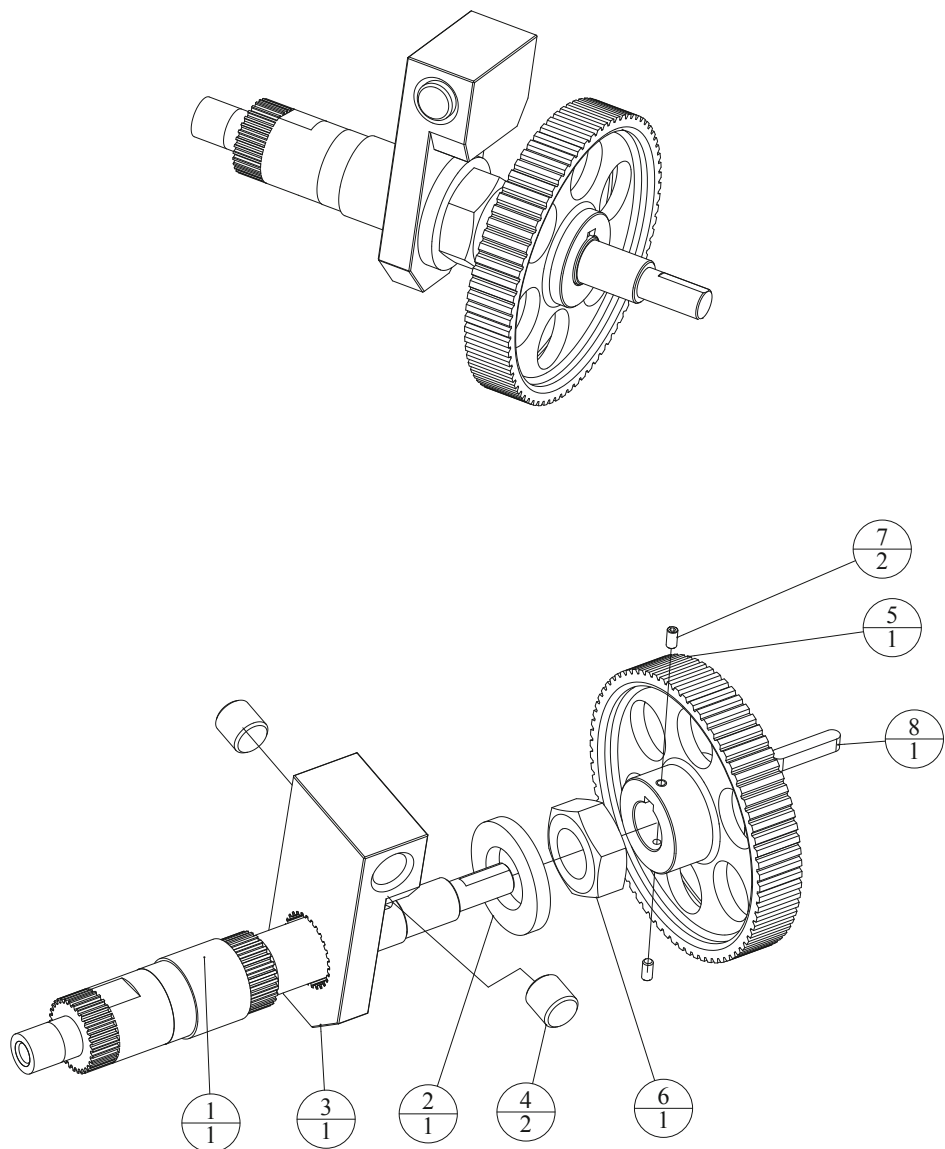
18-1.Cover assembly of the revolution mechanism



10	bearing	61906-Z	1	
9	Spring washer	Ø8.2(BL)	4	
8	Plain washer	Ø8*Ø16*2.0(BL)	4	
7	Hex nut	M14(Zn)	1	
6	Hex head screw	M8*12(BL)	4	
5	Cover of the revolution mechanism	SPCC T=3.0	1	
4	Bearing- large	S45C(BL)	1	
3	PIC block	PIC	1	
2	Cover of the revolution mechanism	SPCC	1	
1	Cross recessed round head machine screws and washers assemble	M5*12(BL)	4	
No.	Name	Specification/Material	Quantity	Notes

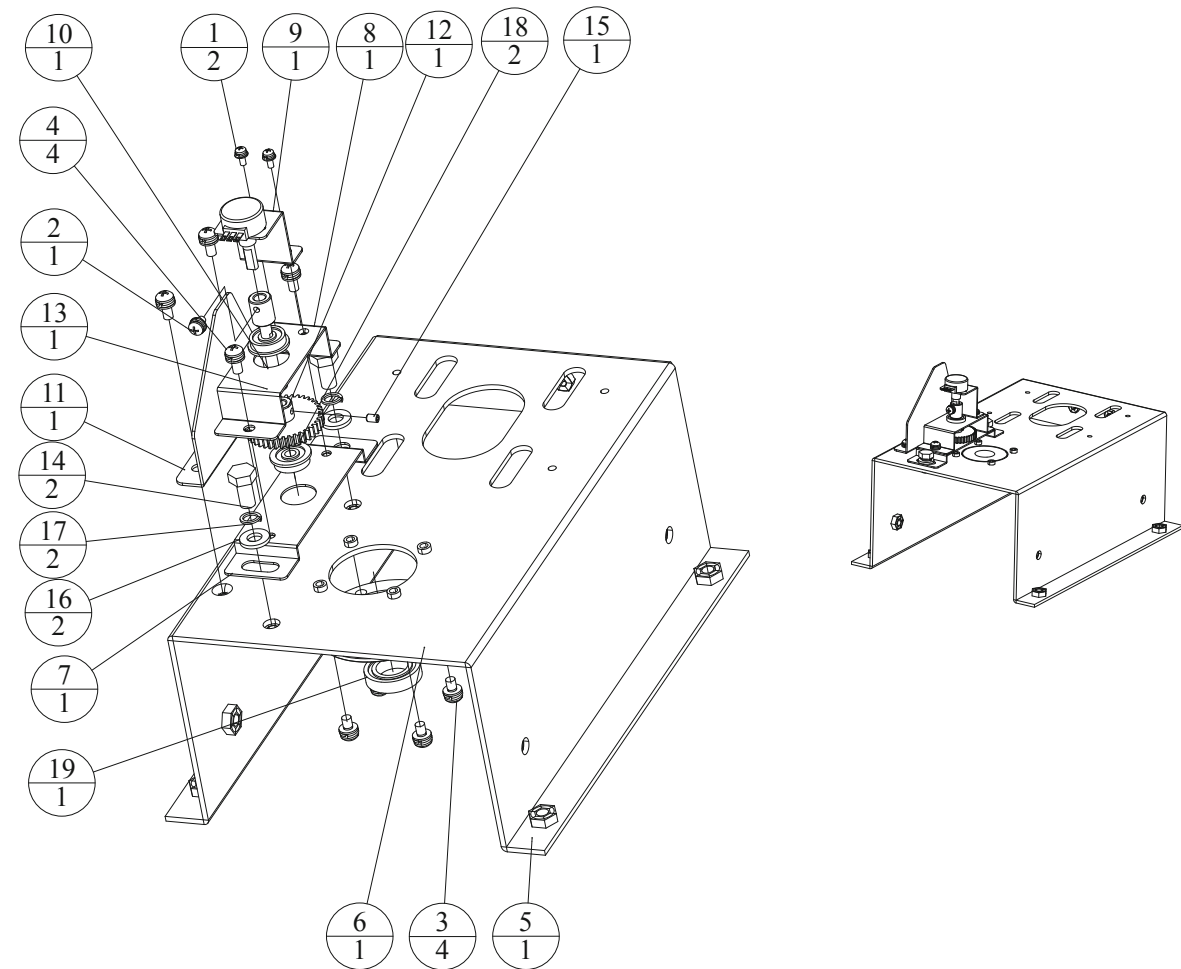
Assembly illustration

18-2.Revolution mechanism assembly



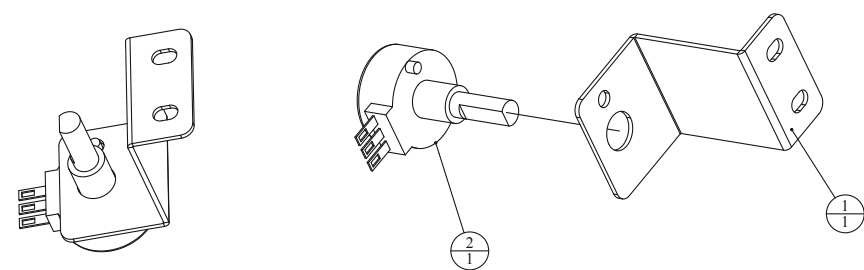
8	Parallel key		1	
7	Hex socket set screw	M4*8(BL)	2	
6	Hex nut	M24(Zn)	1	
5	Pulley - large	AL	1	
4	PIC cylinder	PIC	2	
3	Block of the revolution mechanism	S45C	1	
2	Plain washer	S45C(BL)	1	
1	Revolution axis	S45C	1	
No.	Name	Specification/Material	Quantity	Notes

18-3.Bracket assembly of the revolution mechanism



19	Bearing	61903	1	
18	Flanged bearings	1960Z	2	
17	Spring washers	Ø8.2(Cr)	2	
16	Plain washers	Ø8xØ16x2.0(Cr)	2	
15	Hex socket set screws	M4*6(BL)	1	
14	Hex head screws	M8*16(Cr)	2	
13	E-shaped ring	Ø5	1	
12	Gear - large	S45C	1	
11	Protection Sheet of the carbon potentiometer	SPCC T=1.5	1	
10	Revolution axis of the carbon potentiometer	Steel bar	1	
9	Bracket assembly of the carbon potentiometer		1	
8	Bracket of the revolution axis	SECC T=1.2	1	
7	Bracket of the gear	SECC T=1.2	1	
6	Bearing box	S45C	1	
5	Bracket of the revolution mechanism	SPCC T=3.0	1	
4	Cross recessed round head machine screws and washers assemble	M5*12(Zn)	4	
3	Cross recessed round head machine screws and washers assemble	M5*10(Cr)	4	
2	Cross recessed round head machine screws and washers assemble	M4*8(Cr)	1	
1	Cross recessed round head machine screws and washers assemble	M3*8(Cr)	2	
No.	Name	Specification/Material	Quantity	Notes

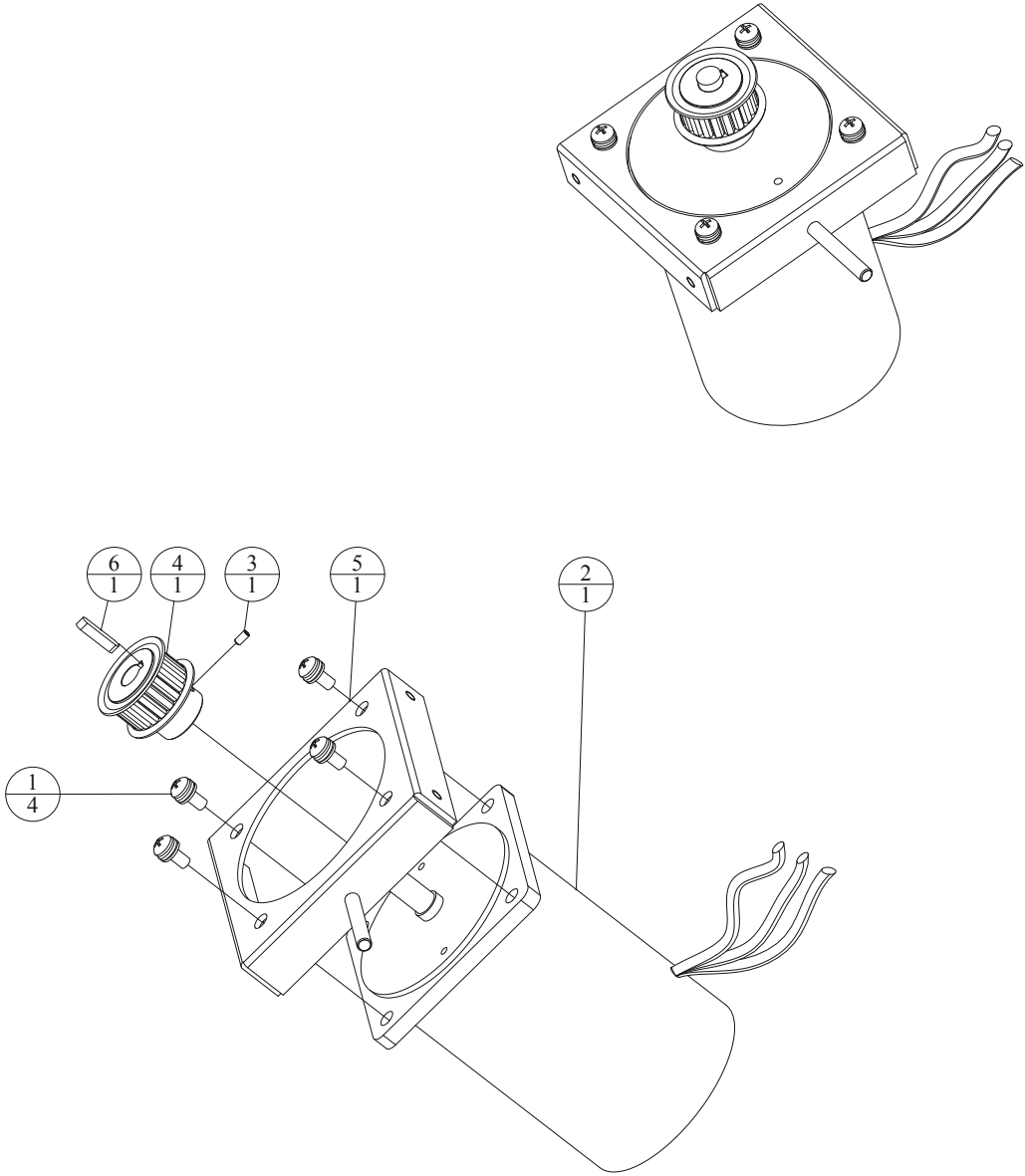
18-3-1.Bracket assembly of the carbon potentiometer



2	Carbon potentiometer	B-5KΩ	1	
1	Bracket of the carbon potentiometer	SECC T=1.2	1	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

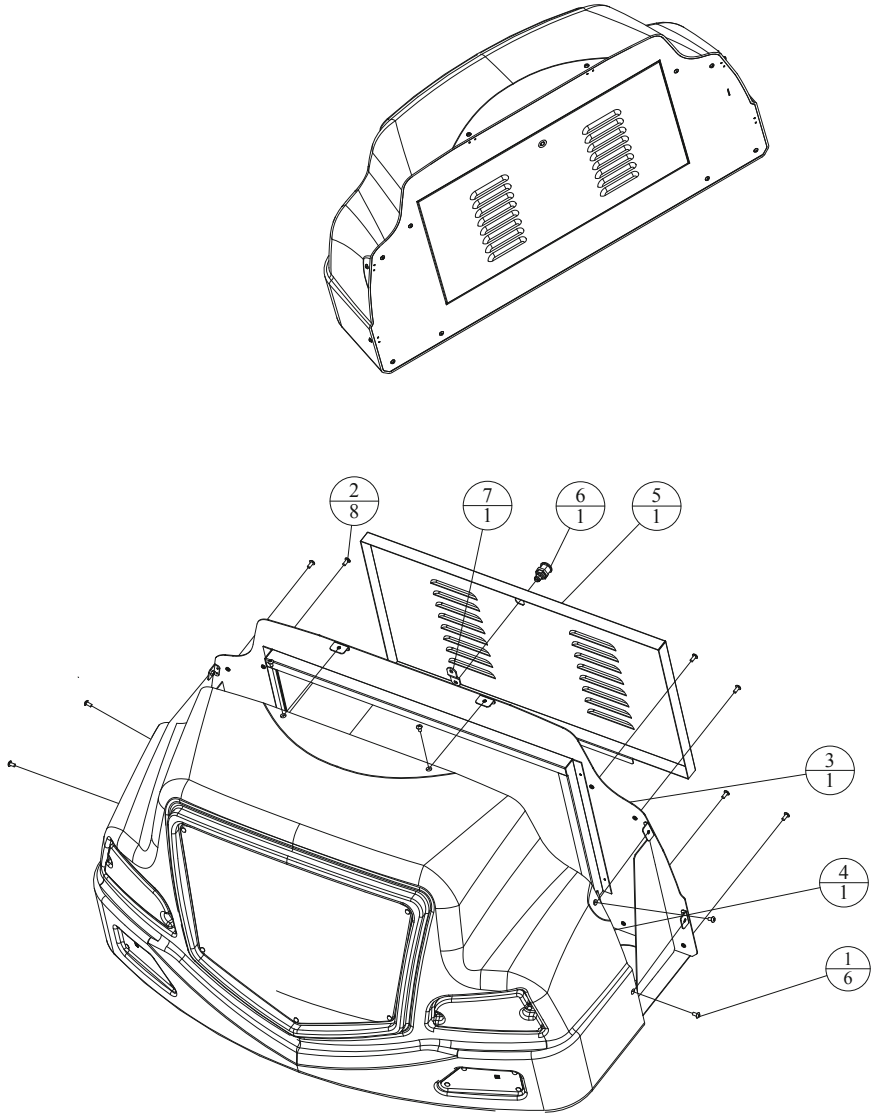
18-4.Bracket of the motor



6	Parallel key		1	
5	Cover of the motor		1	
4	Pulley - small		1	
3	Hex socket set screw	M3*6(BL)	1	
2	DC motor		1	
1	Cross recessed round head machine screws and washers assemble	M5*12(Zn)	4	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

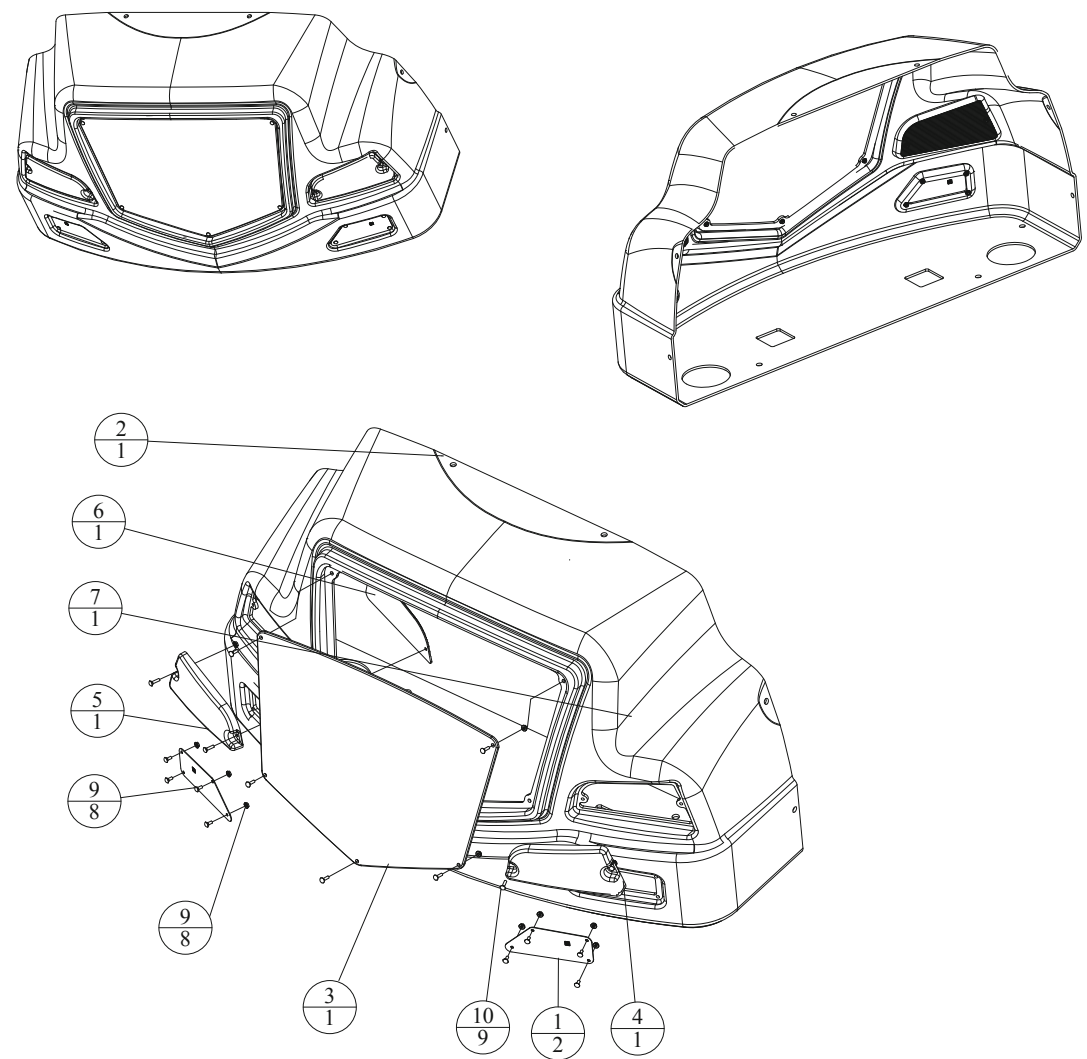
19.Billboard assembly



7	Offset cam		1	
6	Cam lock		1	
5	Door of the billboard	SPCC T=1.2	1	
4	Plastic assembly of the Billboard		1	
3	Bracket assembly of the billboard		1	
2	Cross recessed truss head machine screw	M5*12(BL)	8	
1	Cross recessed truss head machine screw	M5*10(Cr)	6	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

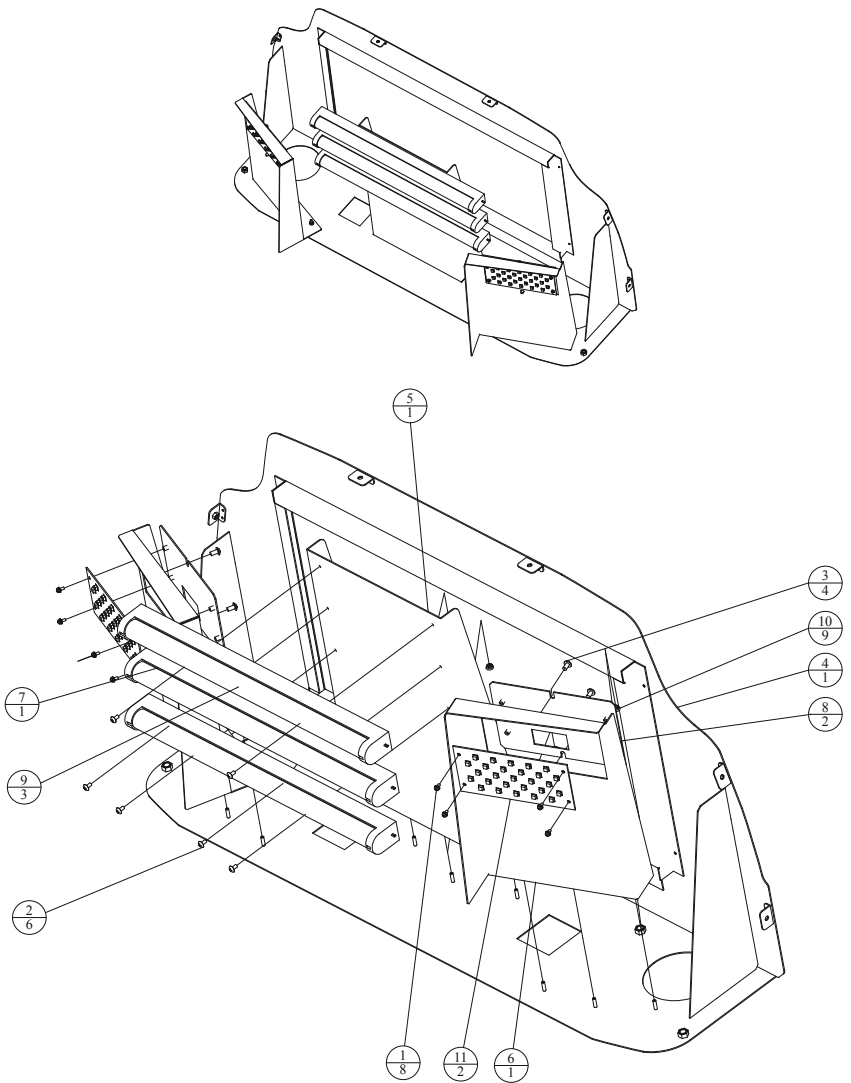
19-1.Plastic assembly of the Billboard



10	Round head square neck carriage bolt	M4*16(Cr)	9	
9	Round head square neck carriage bolt	M4*10(BL)	8	
8	Hex flange nut	M4(Zn)	17	
7	Light guide plate of the headlight - left	PMMA T=2.5	1	
6	Light guide plate of the headlight -right	PMMA T=2.5	1	
5	PMMA cover of the headlight - left	PMMA T=2.0	1	
4	PMMA cover of the headlight -right	PMMA T=2.0	1	
3	PMMA board of the logo plate	PMMA T=5.0	1	
2	Plastic cover of the billboard	ABS T=5.0	1	
1	Mesh of the billboard	SPCC T=1.0	2	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

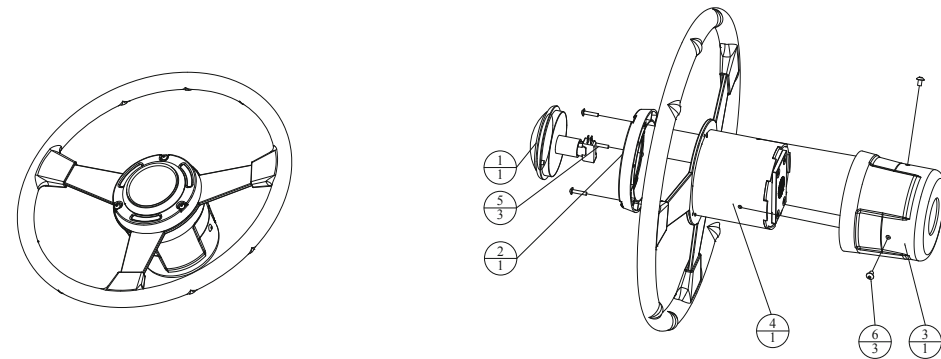
19-2.Bracket assembly of the billboard



11	LED light board		2	
10	Hex flange nuts	M4(Zn)	9	
9	Fluorescent tube	T8 15W/AC220V	3	
8	HolderLED light board	SPCC T=1.5	2	
7	Bracket of the LED - left	SPCC T=1.5	1	
6	Bracket of the LED - right	SPCC T=1.5	1	
5	Bracket of the fluorescent tube	SPCC T=1.5	1	
4	Base of Billboard		1	
3	Cross recessed truss head machine screw	M5*10(Cr)	4	
2	Cross recessed truss head machine screw	M4*8(Cr)	6	
1	Cross recessed round head machine screws and washers assemblies	M3*8(Cr)	8	
No.	Name	Specification/Material	Quantity	Notes

Assembly illustration

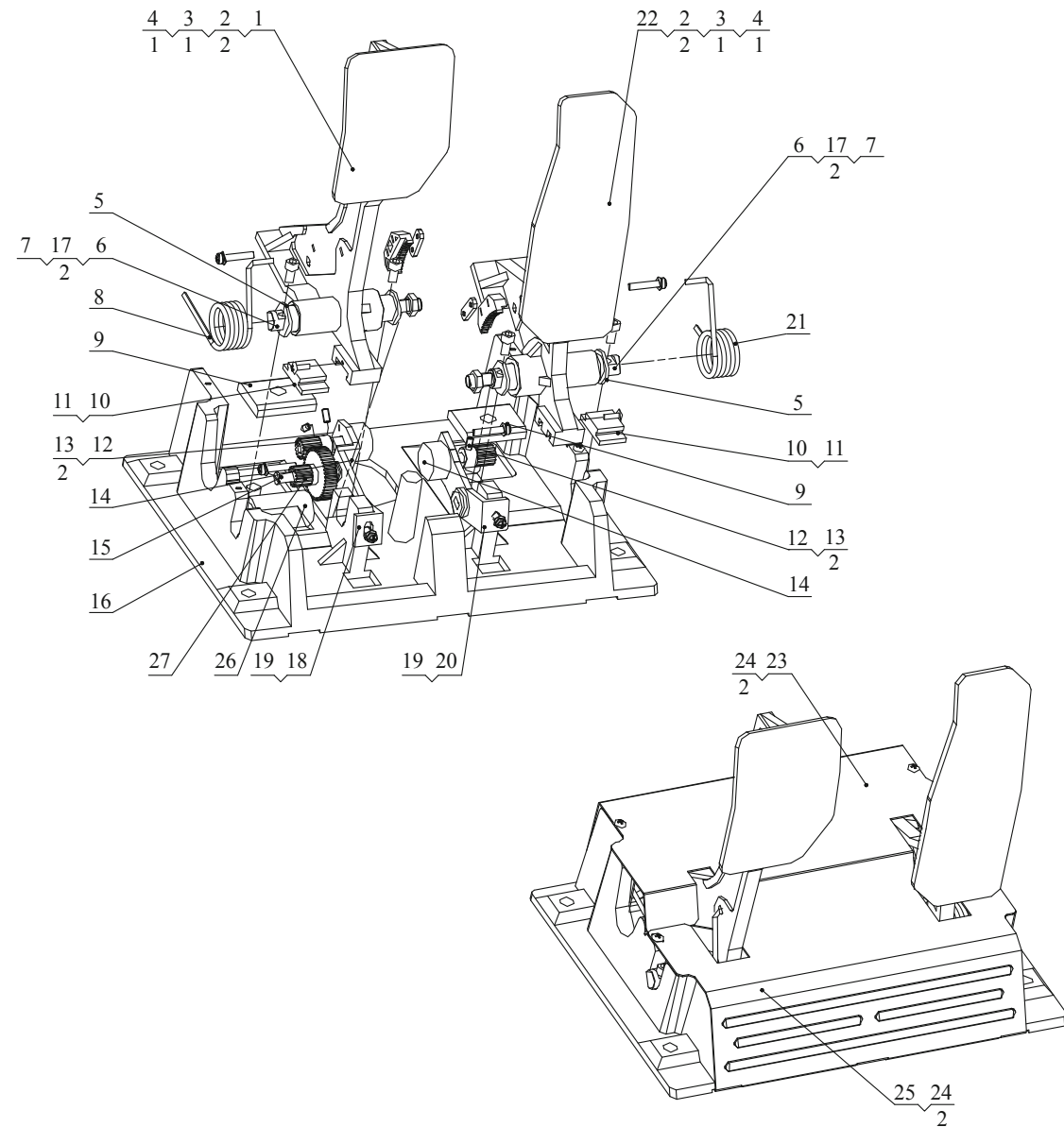
20.Steering wheel assembly



Assembly illustration

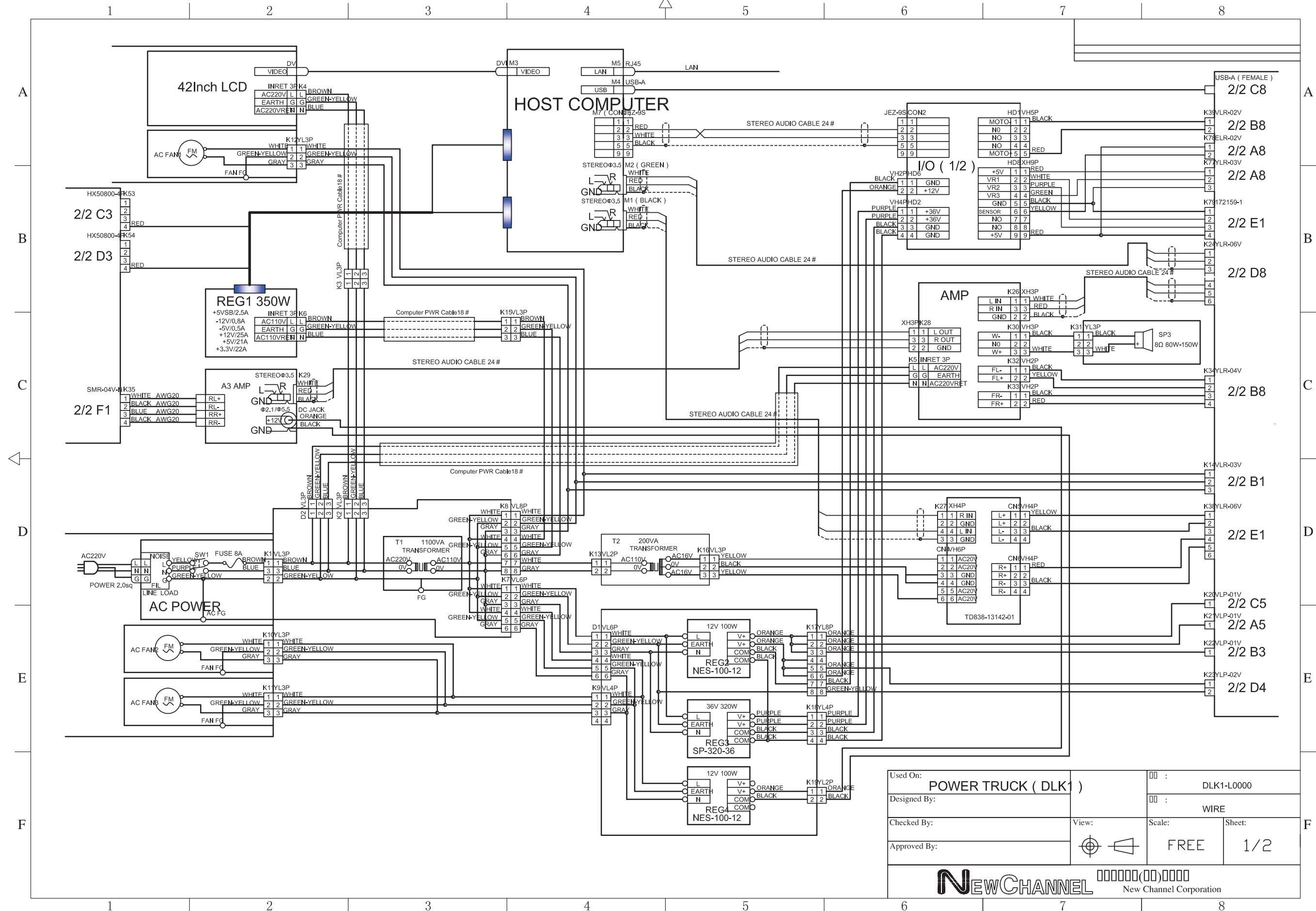
6	Hex socket truss head machine screw	M5*8(Cr)	3	
5	Hex socket truss head machine screw	M4*20(Cr)	3	
4	Steering wheel	Cr+Rubber	1	
3	Plastic cover of the steering wheel	T=3.0(BL)ABS	1	
2	button holder	ABS	1	
1	button	Ø100	1	
No.	Name	Specification/Material	Quantity	Notes

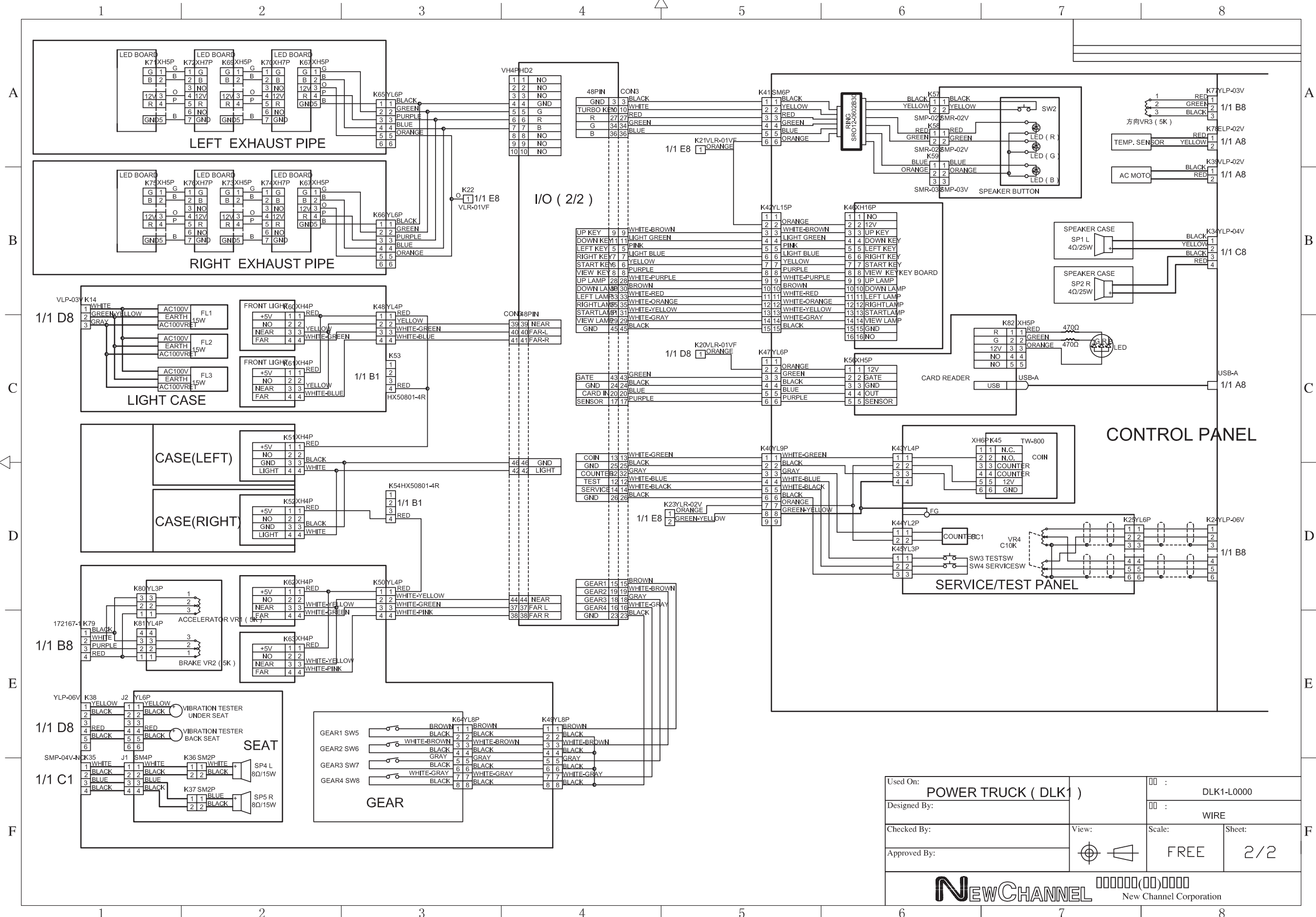
21.Gas and brake pedals assembly



27	Large wheel	Grey POM	1	
26	PU bushing	PU bushing	1	
25	Front cap	SUS304 T=1.0	1	
24	Phillips flat-head screw	M4 X 6 (chromium coating)	4	
23	Back cap	SUS430 T=1.0	1	
22	Gas pedal	Aluminum	1	
21	Brake spring left	SWB spring steel	1	
20	Right-sided rotation part	Aluminum	1	
19	Phillips flat-head screw	M5 X 8 (chromium coating)	2	
18	Left-sided rotation part	Aluminum	1	
17	Hex socket circular-head screw	M5 X 16 (Stainless steel)	4	
16	Fixed support frame	Aluminum	1	
15	Installing axis for wheel	Stainless steel	1	
14	Rotary potentiometer	B-5KΩ 270 degrees (extra purchase)	2	
13	Hex socket screw	(black coating)M3 X 6	4	
12	Potentiometer wheel	Aluminum	3	
11	Phillips head screw	M3 X 10 (chromium coating)	2	
10	Rubber gasket 1	Natural rubber	2	
9	Rubber gasket 2	Natural rubber	2	
8	Brake spring right	SWB spring steel	1	
7	Hex nut	M8 (chromium coating)	2	
6	Rotation axis	S45C	2	
5	Bushing	Black POM	4	
4	Rack fastening	SPCC T=2.5	2	
3	Outer rack part	POM (grey)	2	
2	AssemblyPhillips screw & washer	M4 X 20 (chromium coating)	4	
1	Left brake pedal	Aluminum	1	
No.	Name	Specification/Material	Quantity	Notes

Appendix2: Wiring diagram of the cabinet







Software Developers

INTERNATIONAL GAMES SYSTEM CO., LTD.

TEL:+886-2-2299-5048

FAX:+886-2-2290-1394

<http://www.igs.com.tw>

IGS[®]