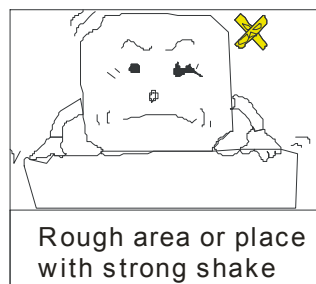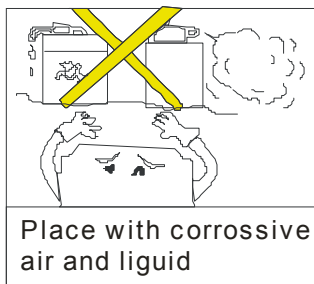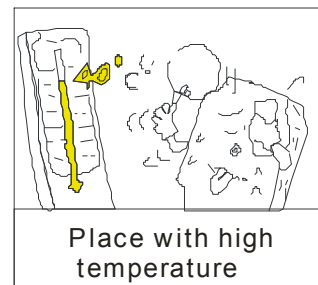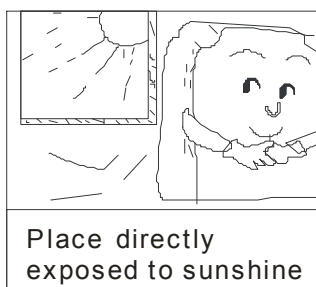Please read the manual first before operating this machine.

Please pay attention to the items marked in "note".

Safety Attentions

1) Certain part of the game is with high voltage. Adjust the game by technician. Do not open the game door unless maintenance or parts replacement is required.

2) Please switch off the power before checking and maintenance.

3) Please switch off the power before opening the game door.

4) Fire extinguisher equiment must be nearby the game.

5) The game must be located properly to avoid damages.

Improper Locations:

Place directly exposed to sunshine

Humid area

Place with high temperature

Place with corrosive air and liguid

Rough area or place with strong shake

Place with massive dust

Notes of Usage

1) The voltage range of the game should be 105V~115V or 215V~225V. The proper voltage should be 110V/220V. The specific voltage accords to the date plate on the back door of the game.

2) The plug must be plugged in tightly but keep the power cords not be too tight.

3) Please properly adjust the coin mech and the game settings when use at the first time.

4) Please regularly check all the functions of the game when operate.

Notes of Maintenance

1) Be sure to check and maintance the game regularly.

2) Switch off the power before replacing the parts of the game.

3) The parts for replacement should be the same model as the old one.

4) Please check the connection and voltage output after replacing the power supply.

5) The voltage range of the PCB should be 5.1V-5.4V.

6) Check whether the game has creepage and the voltage before repairing the PCB.

Notes of Clean

1) Please use clean and soft colth to clean the game.

2) Prevent damaging the surface of the game, please do not use the following cleanser:

- Alterative Cleanser;
- Acidic Cleanser;
- Insecticide, sterilized water, alcohol or other chemical cleanser.

Notes of Moving and Shipping

1) Properly disassemble the game for necessary moving and shipping.

2) Prevent the game from hitting or being attrite during movement.

3) Protecting the case when move the game.

CONTENT

1. GAME INTRODUCTION

FISHING HOUR is one of our latest kiddie rides, with unique, beautiful, comic appearance and funny fishing game! It is an interesting game for kids and will be very essential and popular in amusement center.
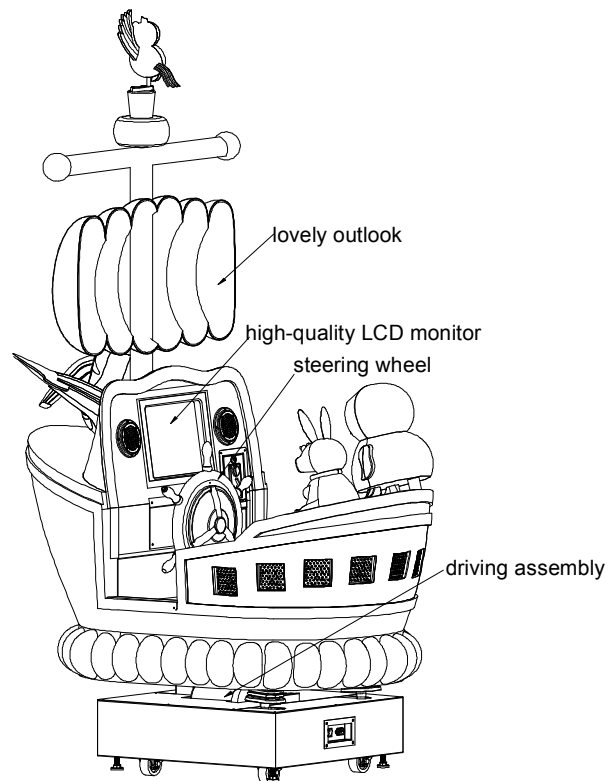
Features:

Lovely outlook.

Controlled by main board with programmed IC; Stable and reliable performance.

High-definition and hight-quality LCD monitor.

High-quality coin mech fits for various coins.

Funny games especially designed for kids.

2. PLAYING INSTRUCTIONS

Insert coin(s), the game starts to move. Move the steering wheel to control the boat to go forward or backward. When the hook is on the top of the fish, please press the button to release to hook to get the fish. If you get the fish successfully, you will get the corresponding points. Different fish carry different points.Try your best to get as many fish as possible.
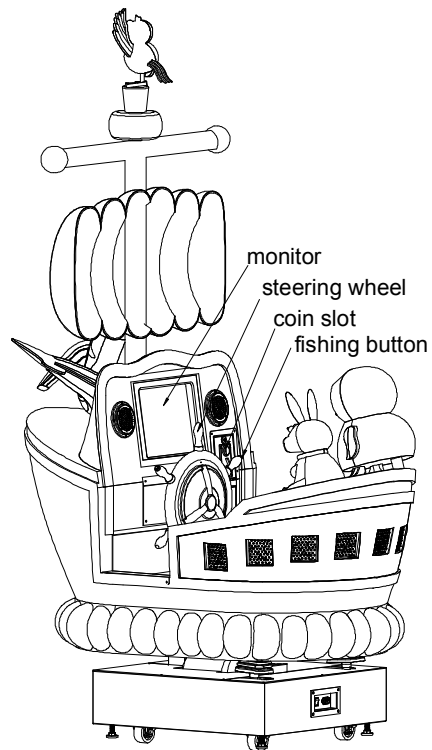
- Different fish carry different score:

	No. of Score
Red Fish	1 Point
Big yellow fish Jellyfish Yellow & Black fish	2 Points
Yellow & Blue fish	4 Points
Shrimp Tortoise	6 Points
Crab	8 Points
Eel	10 Points
Shark	0 Point

3. TECHNICAL PARAMETER

Voltage: AC 220V/110V（50/60HZ）

Max. Current: 5A/10A (Note: The proper voltage and current used accords to the nameplate at the back door of the game.)
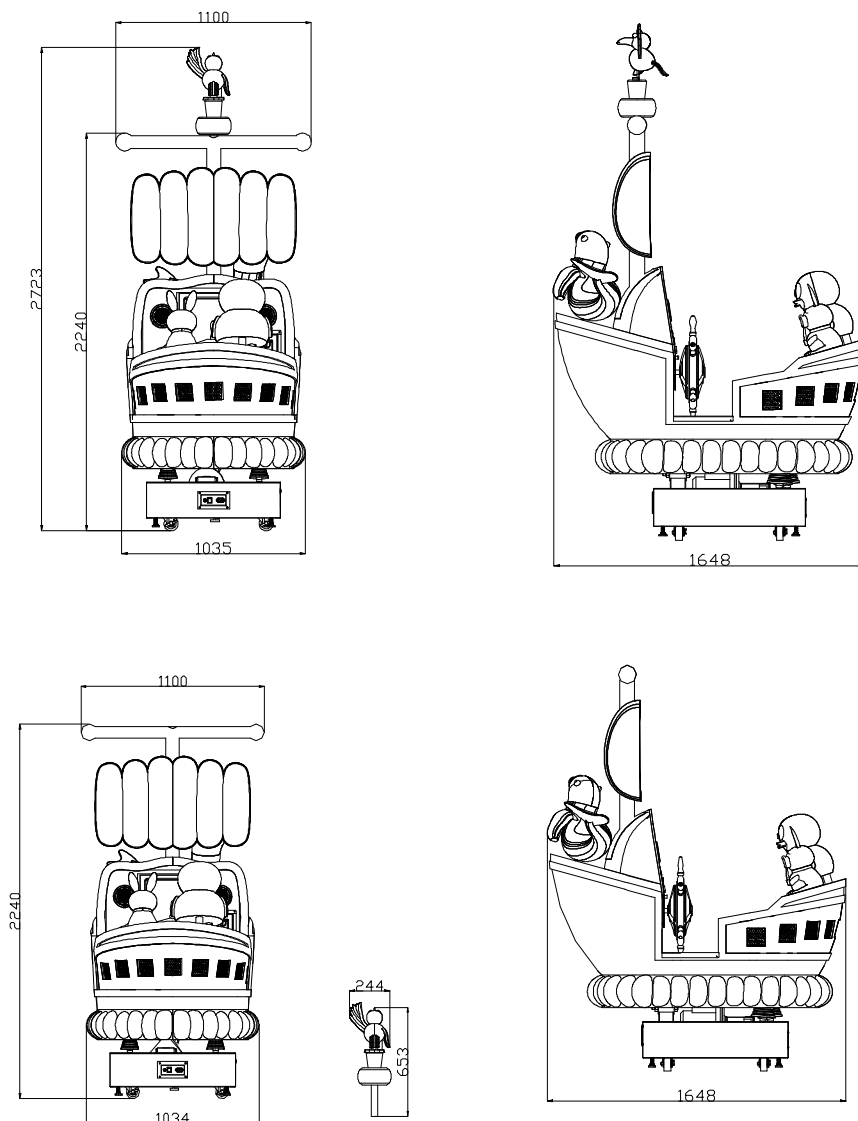
Max. Power: 1100W

Coin Size: φ21mm ~ φ31mm (diameter)

1.2mm ~ 2.5mm (thickness)
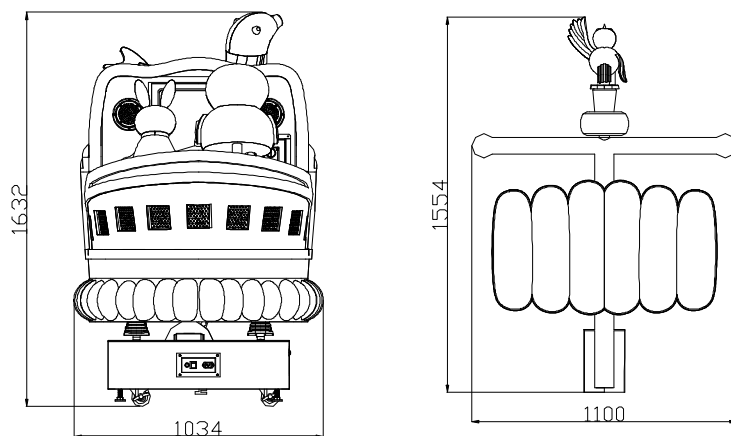
Capacity of coin box: about 520 pcs with coin size φ25mm*1.5mm

Location required: indoor use; temperature: -5~40°C ; no contact with any corrosive, greasiness and dirt.

Dimensions: L1648mm*W1100mm*H2723mm

Spare parts:

No.	Drawing	Descriptions	Spec./Model	QTY
1		FUSE	10A (large)	2 pcs
2		LED light	12V	5 pcs
3		KEY	1285＃	2 sets
4		KEY	1396＃	2 sets
5		POWER CORDS		1 pc
6		MENU		1 pc

4. INSTALLATION

Choose a proper location.

Please make sure there is enough space around the game, as the drawing shown below:
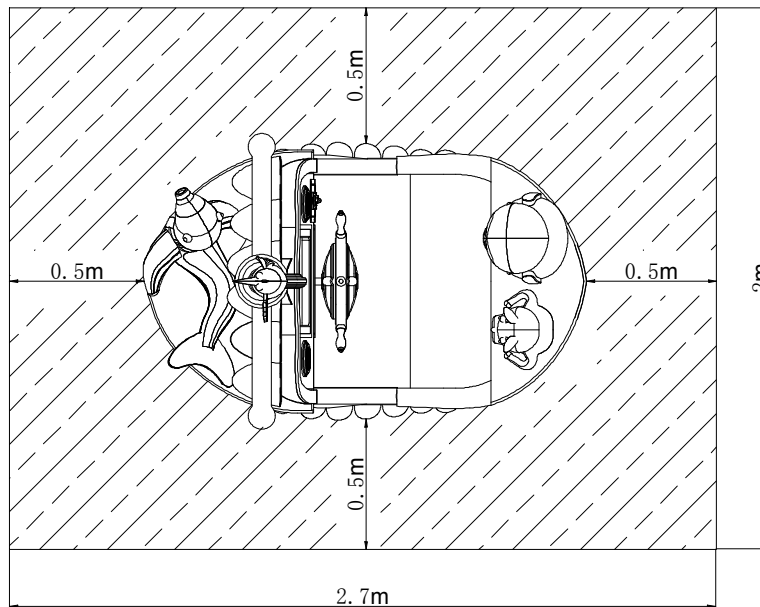
Installation 1

As the picture shown below, insert the decoration into the shaft and then fix it with screw.
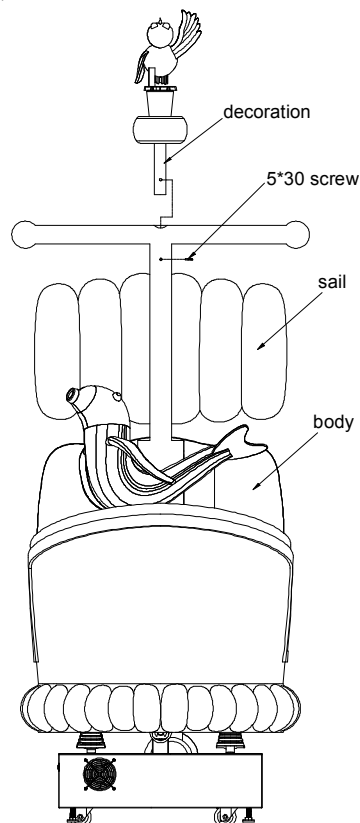
Installation 2

Step 1: remove the screws for cover of monitor, take out the cover. Then remove the screws of motor assembly.
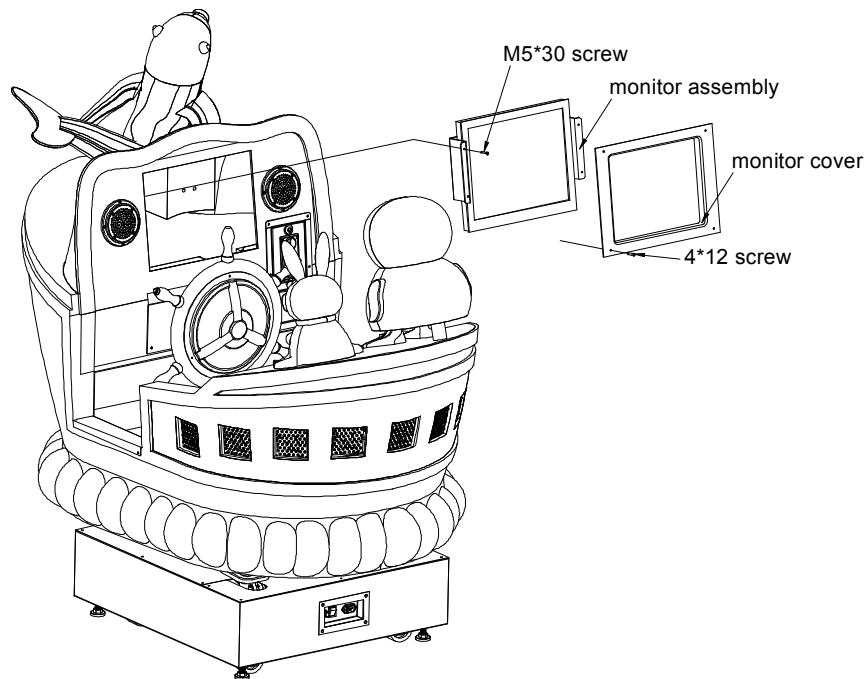
Step 2: As the picture shown below, insert the decoration sail into the boat and fix with screws.
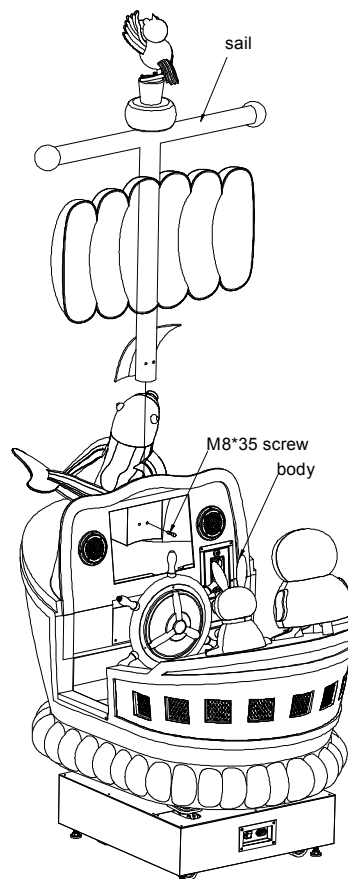
Step 3: Fix the monitor assembly into the boat with screws. Then fix the cover of monitor on the monitor assembly with screws.

monitor assembly

monitor cover

M4*12 screw

M5*30 screw
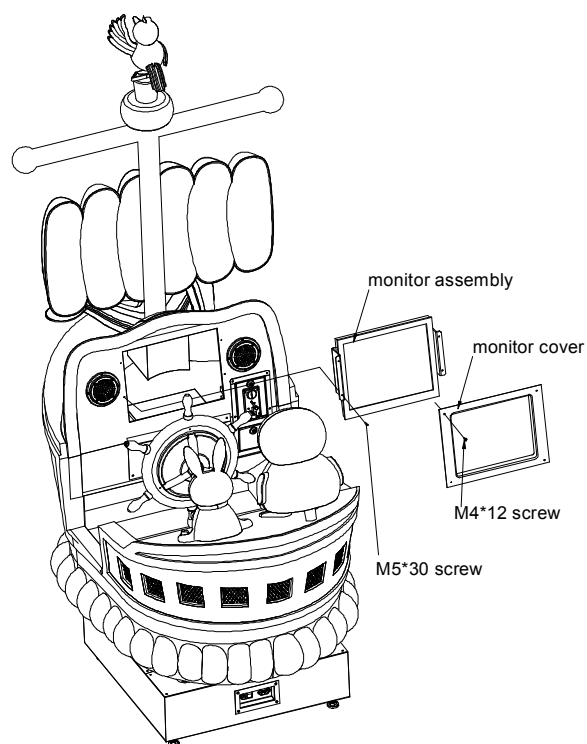
5. CHECK THE CONNECTION

1. Check if the inner structure of the game is loose caused by transportation or the terminals drop.

1. Check if the game is grounded.

2. Check if the resistance of the GNDs is more than 100 megohm.

3. Set the playing instructions. (Please refer to "GAME SETTINGS".)

4. Properly adjust the coin mech.

5. Connect the power cord.

fuse base
power switch
plug
socket
socket
plug
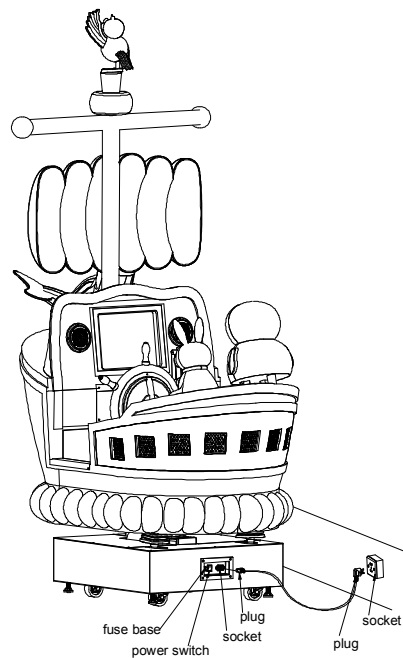
Attentions:

a) Please make sure the power cord is not pressed by wheel, foundation, etc. Otherwise, the wire will be damaged to cause short circuit, even fire. Do not use strong power to extend and wring the wires. Do not make the wire be near to the high temperature object. Properly put the wire to avoid any kicking or treading.
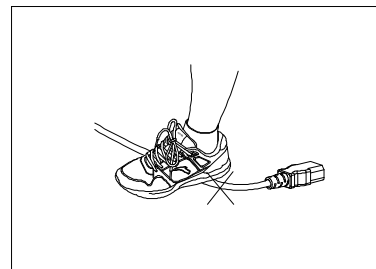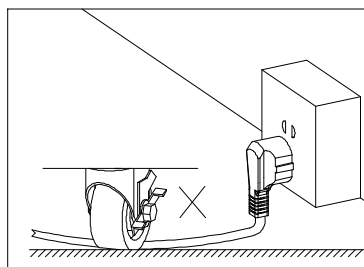
b) Hold the plug to pull it out from the socket.
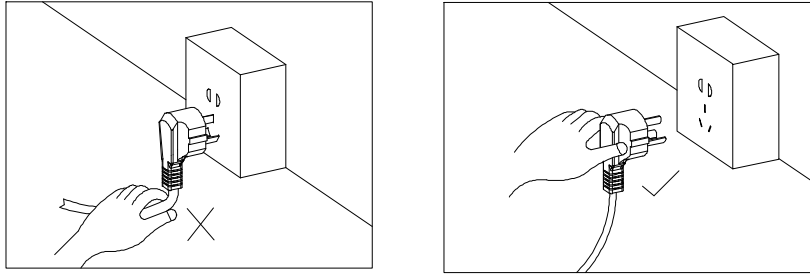
c) Do not touch the plug with wet hands.
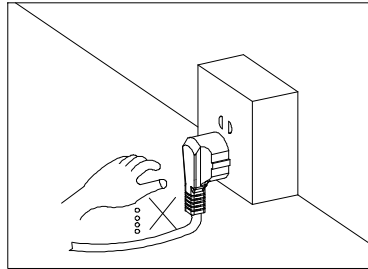
d) Make sure the voltage and fuse used are proper.

⚠ warning
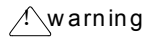
Before inputing the power, please check the resistance between input port and GND. Make sure the connection is proper.

6. ADJUST BEFORE OPERATION

1. Adjust the coin mech according to the coin size and confirm the coin mech can work properly.

2. Press TEST button on setting board to enter into setting menu to adjust the game settings.

monitor

coin mech

setting board
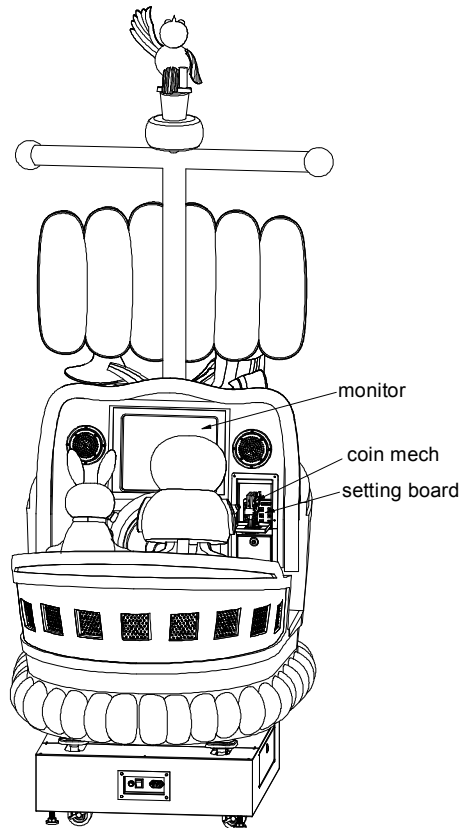
7. DAILY OPERATION

Check before operation

1. Check if the monitor, all the lights, steering wheel, fishing button, coin mech can work properly.

2. Check if the volume is properly adjusted.

3. Check if the game can properly shake.

Collect coins and keep record

There are a coin box, a coin meter and a ticket meter inside the cabinet. Switch off the power and open the coin door to take out the coins. Then open the door of the coin mech to keep a record of the coin and ticket meters.

8. SET AND TEST

Keys for Setting

setting board
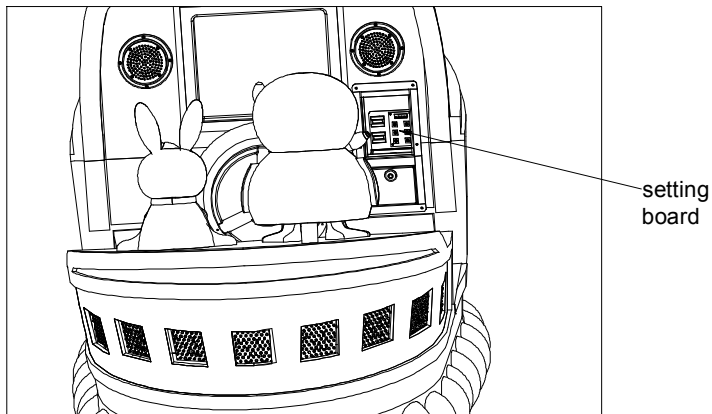
TEST key: Enter or exit the Test menu.

ENTER key: Choose the item you would like to change.

SELECT key: Change the setting.

Game Settings

Descriptions: press TEST key to enter into setting menu. ENTER key to change the item and SELECT key to change the setting.


```
                    SETUP  1

1 COIN [S] /1CREDIT [S]
GAME TIME 60 SECONDS
FISH DIFFICULTY ADJUS 4
LANGUAGE SELECT CHINESE
SOUND SELECT ON




        PRESS MENU SW. TO NEXT
```
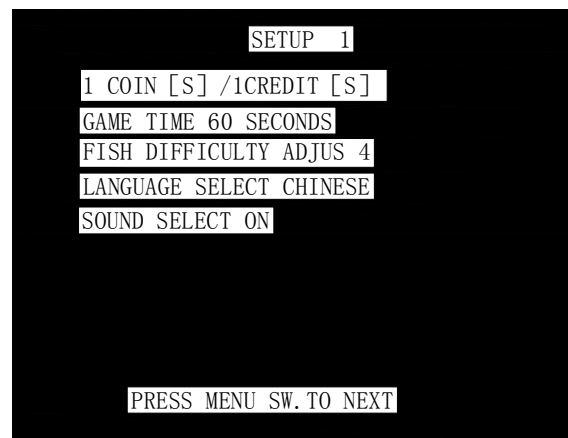
Descriptions:

ITEM	SETTING
1COIN［S］/1CREDIT［S］	0-10 coin(s) for 0-10 game(s) (1 - default setting)
GAME TIME 60 SECONDS	60,90,120,180,240 seconds (60 sec – default setting)
FISH DIFFICULTY ADJUS 4	2-6 (4 – default setting)
LANGUAGE SELECT CHINESE	Chinese or English
SOUND SELECT ON	ON: Turn on the background music. OFF: Turn off the background music.

Test the displayed color.
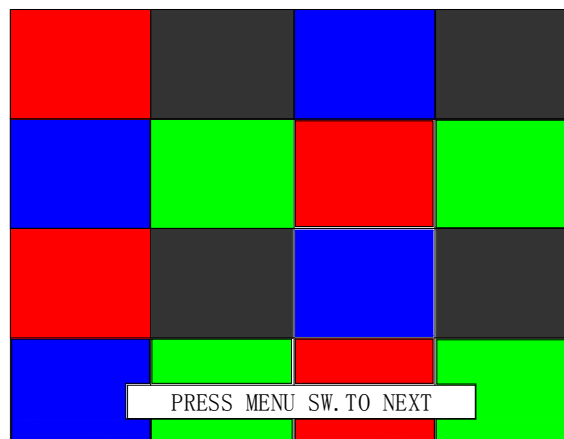
Volume adjustment: adjust the volume value from 50 to 250.
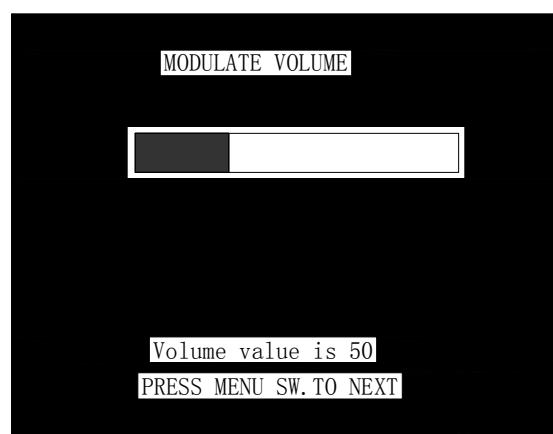
9. ADJUSTMENT

Adjust the coin mech
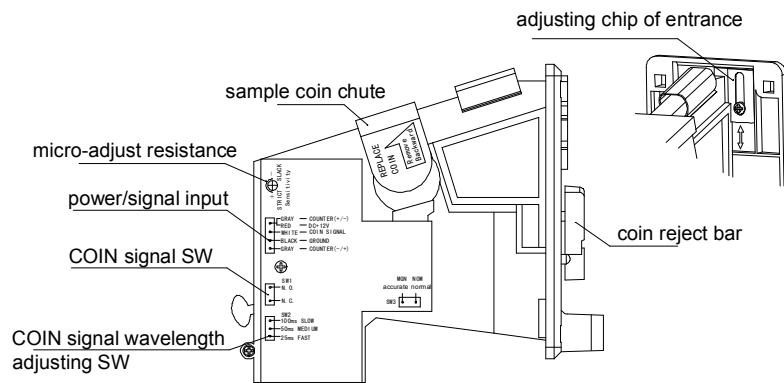
Descriptions:

A. remove the plastic coin from the coin sample chute and put a proper coin in it.

B. remove the screws on the back of coin entrance. Adjust the the fix chip of back of coin entrance according to the diameter of coin you will use so that it will prevent the large coin blocking the coin mech.

C. set the COIN SW to "ON".

D. set the pulse of COIN signal to "50MS".

E. following the drawing to adjust the resistance for sensitivity of coin acceptance, turn colckwise for increasing and counterclockwise for decreasing.

Adjust the main board

Descriptions:

main board

memory battery

reset

volume potentiometer
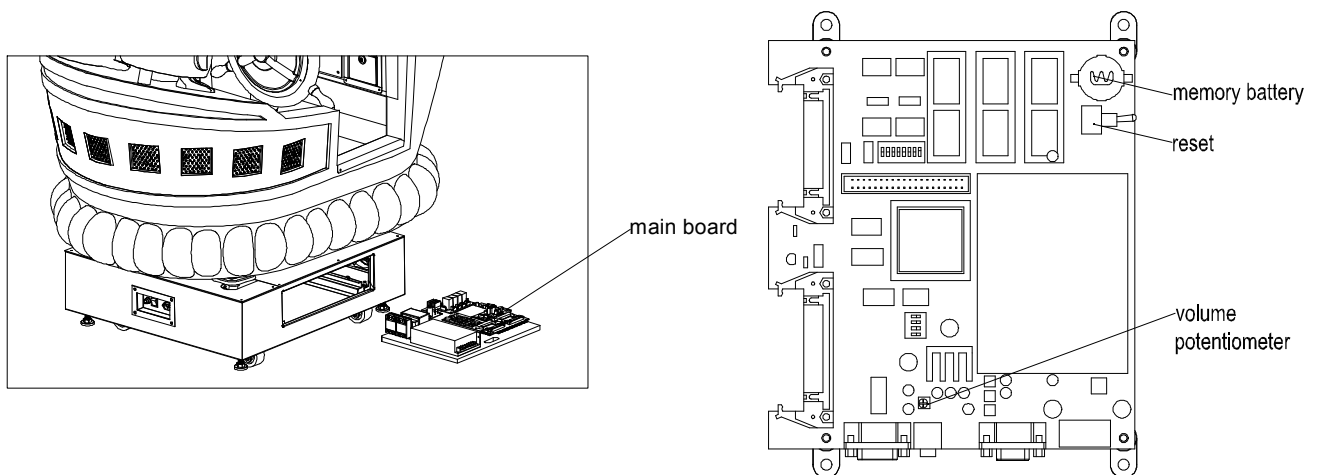
Clear the data: press clear key to clear the data of coin saved in the main board and the game settings will change to default setting.

Adjust the volume: twist the potentiometer with screw driver to adjust the volume. Twist clockwisely to increase the volume; counterclockwisely to decrease the volume.

Note: You can also adjust the volume through the setting menu.

The memory battery can provide power to save the data of game settings and coin in main board when the power of the game is cut off. If the game can not save the data, please replace the memory battery.

Adjust the volume:

Adjustment 1: open the coin door to find out the setting board. Press TEST for 4 times to enter into volume adjustment menu. Press ENTER to enter into value adjustment. Press SELECT to adjust the value. The value should be between 50 to 250. As the drawings shown below:

setting board

MODULATE VOLUME

Volume value is 50

PRESS MENU SW. TO NEXT
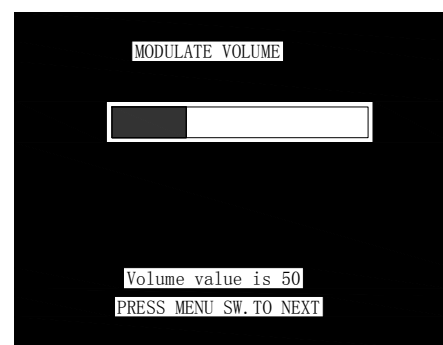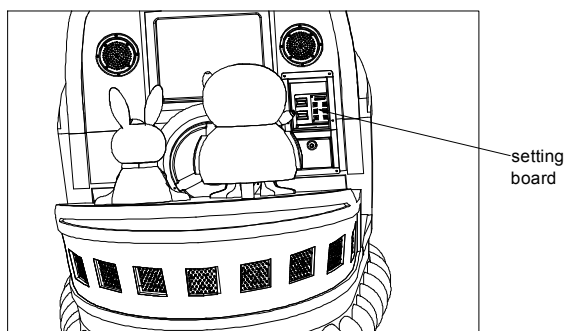
10. CHECK AND MAINTENANCE

Daily check

ITEM	DESCRIPTION
Coin mech	Check if the coin mech can work properly.
Fish button	Check if the fish button can work properly.
Sound	Check if the sound is proper.
Screen	Check if the displayed color is proper.
Chasing light board	Check if all the chasing light boards work properly.
Temperature, humidity	Check if the temperature and hummidity is proper.

Daily maintenance:

ITEM	DESCRIPTION
Cabinet	Clean the cabinet.
Monitor	Clean the monitor.
PCB	Clean the PCB with brush.

11. TROUBLESHOOTING

| NO.	PROBLEM	CUASES	SOLUTIONS
1	Can not insert coin	There is a coin blocked in the coin slot.	Take out the blocked coin and adjust the coin slot.
		The wire of coin signal is loose.	Check the connection of signal wire.
		The port of coin signal on main board is bad.	Replace the main board.
2	Can not control the boat.	The wire of direction detecting sensor is loose.	Check the connection of the sensor.
		The direction detecting sensor is bad.	Replace the sensor switch.
3	No innervation for the steering wheel	Bad connection of the DC motor.	Check the connection of DC motor.
		DC motor is bad.	Replace the DC motor.
		Control relay of DC motor is bad.	Replace the relay.
		No control signal of DC motor.	Check the connection of control signal for solenoid.
		The rectifier board of DC motor is bad.	Replace the rectifier board.
4	The shaking motor does not work.	Bad connection of the motor.	Check the connection of motor.
		The motor is bad.	Replace the motor.
		The control relay of motor is bad.	Replace the relay.
		No control signal of motor.	Check the connection of ouput signal wires of main board for the motor.
5	No display	No signal.	Check the connection of output VGA signal wire of main board.
		The main board is bad.	Replace the main board.
		The LCD monitor is bad.	Replace the LCD monitor.
		The wire for monitor is loose.	Poperly connect the wire of monitor.
6	No sound.	The wire of speaker is loose.	Check the connection of speaker.
		The speaker is bad.	Replace the speaker.
		The volume is too low.	Increase the volume.
		The PA board is bad.	Replace the PA board.
7	No movement after powering on the game.	No AC110V/220V voltage input.	Check the 110V/220V voltage input and the connection.
		No voltage output in power supply.	Repair or replace the power supply.
		The main board does not start.	Repair or replace the main board.

12. PARTS DRAWING AND PARTS LIST

Body Assembly:
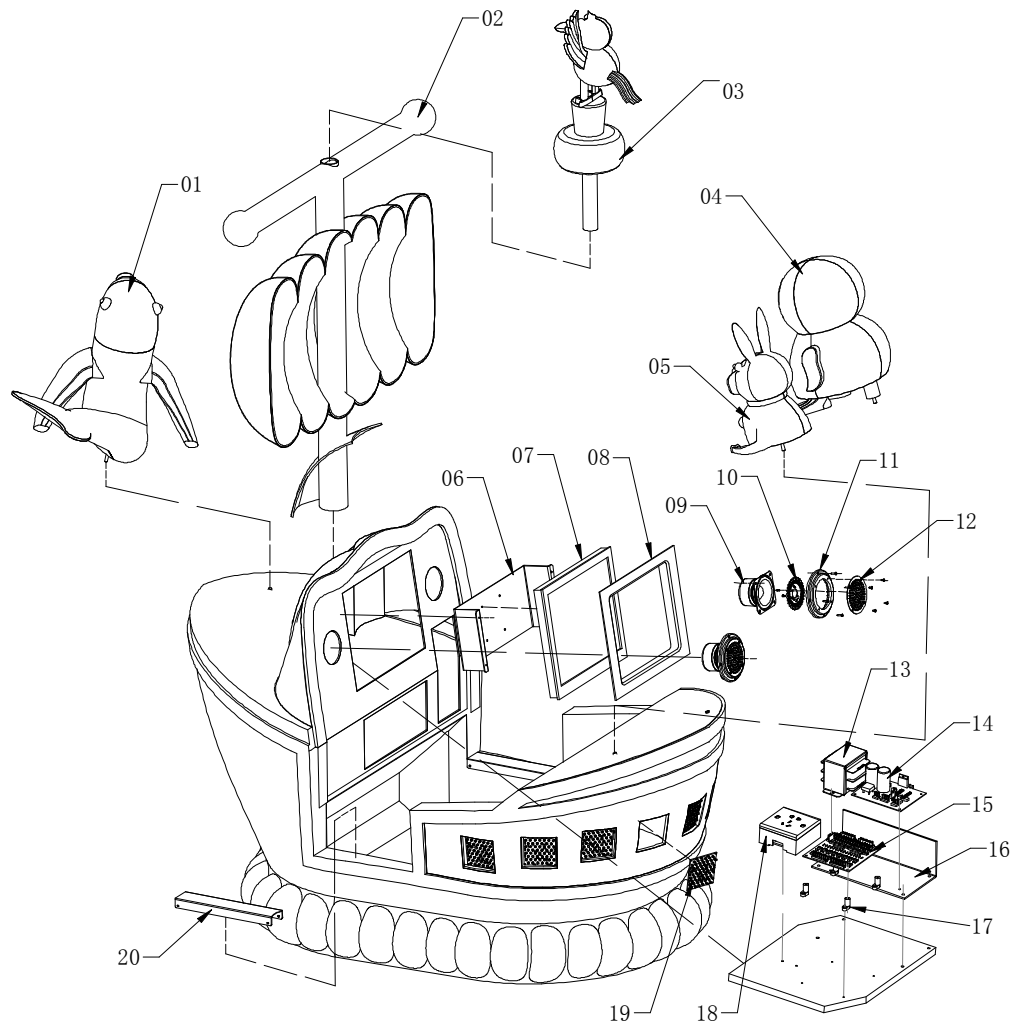
NO.	NAME	QTY
01	dolphin	1
02	sail	1
03	bird	1
04	penguin	1
05	rabbit	1
06	17″ monitor base	1
07	17″ LCD monitor	1
08	17″ monitor cover	1
09	speaker (4″)	2
10	speaker chasing light board	2

NO.	NAME	QTY
11	acrylic ring	2
12	speaker mesh	2
13	transformer 220V/18V	1
14	PA board MP91A)	1
15	drive board (MP140B)	1
16	base board for PA board	1
17	PCB plastic port	4
18	socket	1
19	chasing light board (MP142)	9
20	fiberglass protection parts	2

Coin Box Assembly:
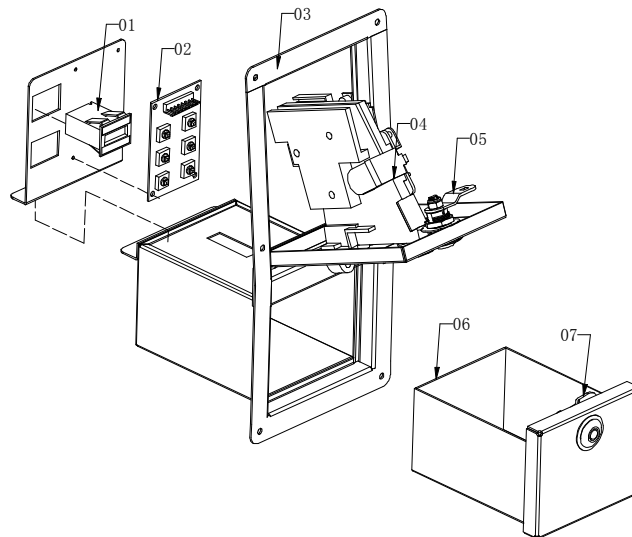
NO.	NAME	QTY
01	meter	1
02	test/set board	1
03	coin door frame	1
04	coin mech	1
05	lock (1285)	1
06	coin box	1
07	lock (1396)	1

Steering Wheel Assembly:
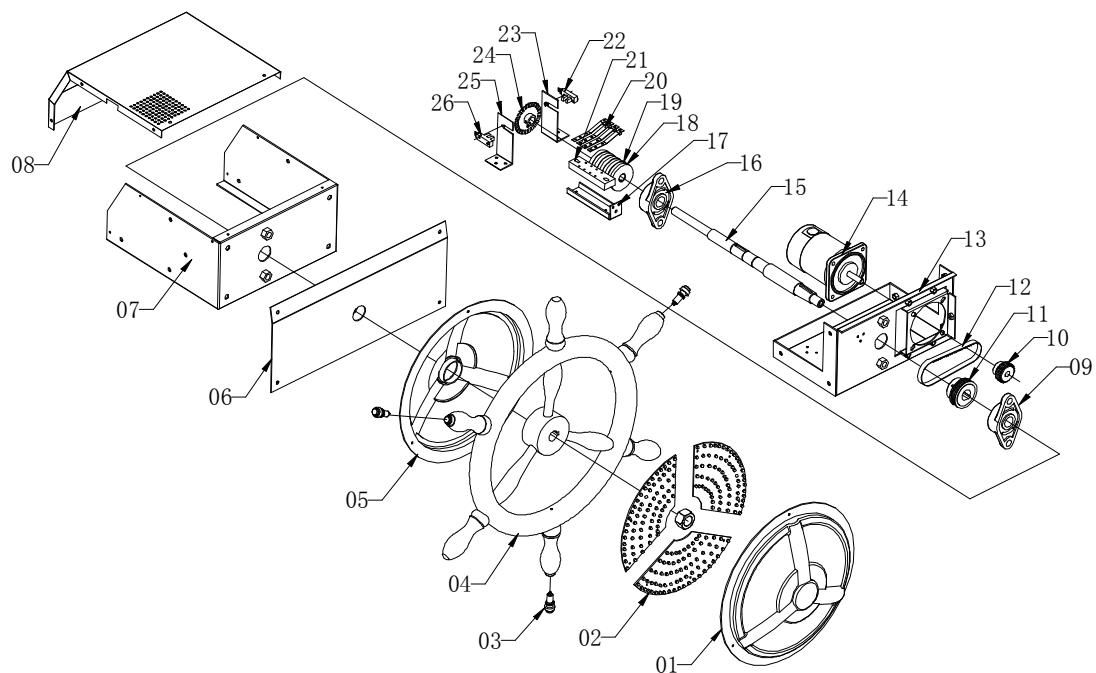
NO.	NAME	QTY
01	up cover	1
02	chasing light board (MP132)	3
03	green small button	3
04	steering wheel	1
05	down cover	1
06	panel	1
07	main frame	1
08	main cover	1
09	line bearing LBP162430	1
10	driving wheel	1
11	driven wheel	1
12	synchronous belt	1
13	bearing installation frame	1

NO.	NAME	QTY
14	motor 24V 60W	1
15	main shaft	1
16	line bearing LBP 162430	1
17	brush chip holder	1
18	commutating ring	4
19	insulator B	4
20	contact	4
21	installation block for brush chip	1
22	sensor 1A22LC	1
23	sensor bracket (right)	1
24	board	1
25	sensor bracket (left)	1
26	sensor 1A22LC	1

Chassis Assembly:
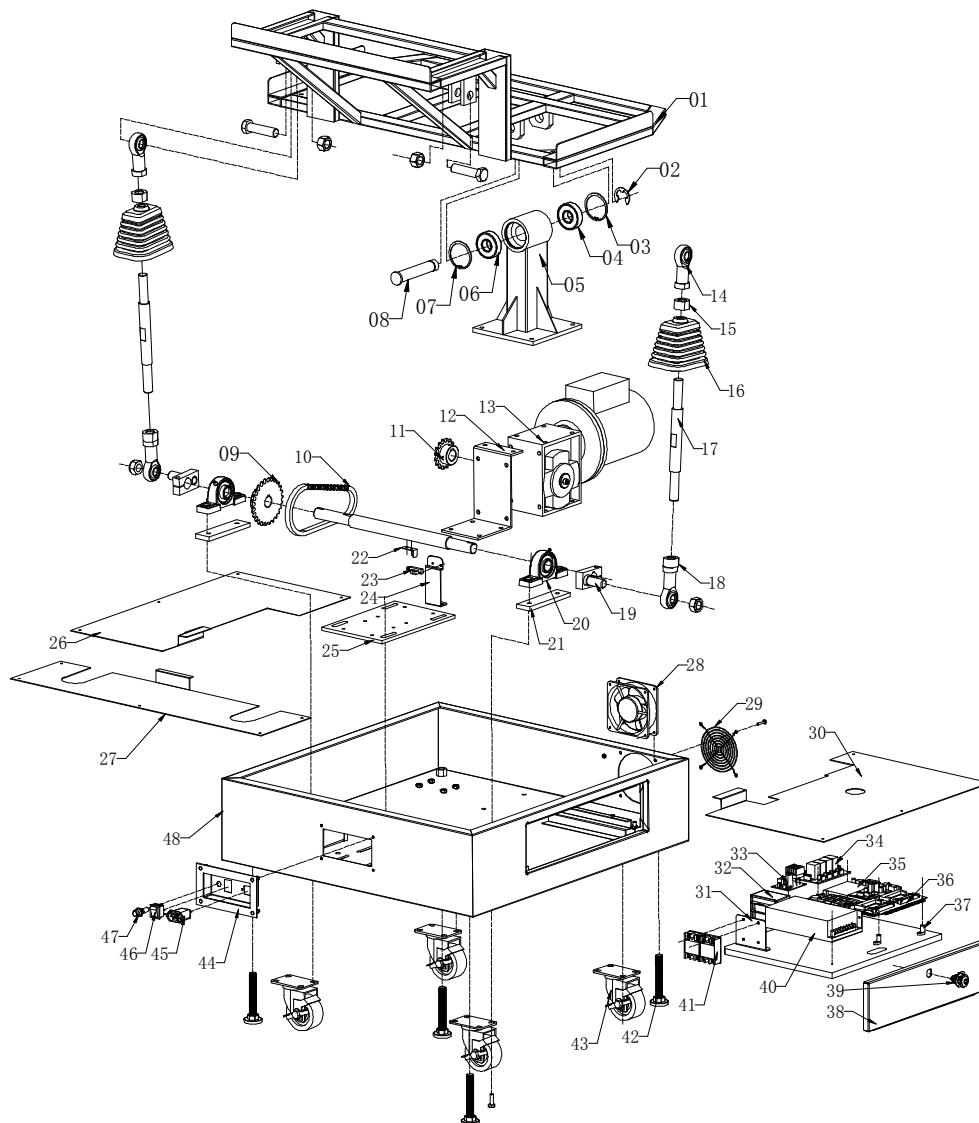
NO.	NAME	QTY
01	moving frame	1
02	outer spring 24*44*2	1
03	inner spring 65*56*2	1
04	bearing	1
05	bearing base	1
06	bearing	1
07	inner spring 65*56*2	1
08	shaft for bearing base	1
09	driven wheel	1
10	chain	1
11	driving wheel	1
12	motor frame	1
13	AC motor YY6024	1
14	joint bearing SI20T/K	2
15	nut B	2
16	plastic boots	2
17	connecting shaft	2
18	joint bearing SI20T/K	2
19	eccentric block	2
20	bearing with base LKP205	2
21	bearing pad	2
22	induction chip	1
23	sensor 1A22LC	1
24	sensor frame	1
25	motor installation board	1

NO.	NAME	QTY
26	cover A	1
27	cover C	1
28	fan UF-12A11	1
29	fan mesh	1
30	cover B	1
31	relay base	1
32	transformer 220V/18V	1
33	rectifier baord MP107	1
34	relay board MP101	1
35	TCW02 main board	1
36	I/O board MP62C	1
37	PCB plastic port	12
38	left door	1
39	lock 1285	1
40	power supply 5V5A, 12V8A	1
41	solid relay 220V 25A	2
42	foundation M16*100	4
43	wheel with skid 3″	4
44	socket	1
45	filter	1
46	boat switch	1
47	round fuse base	1
48	base	1

13. SCHEMATIC DIAGRAM