



# Kiddie Firemen Operation manual

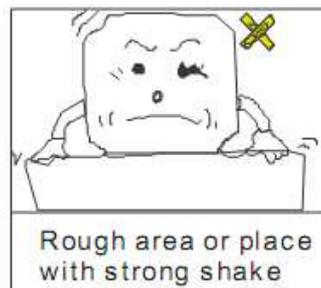
## Safety Attentions

- 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 equipment must be nearby the game.

## Installation

The game must be located properly to avoid damages.

Improper Locations:



## 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. The voltage must be correct; otherwise it would be difficult to repair the damage.
- 2) The plug must be plugged in tightly and keep the power cords not be too tight and damaged in order to prevent bodily injury, short-circuit and power leakage.
- 3) To put the machine to normal operating, please properly adjust the coin match and the game settings when use at the first time.
- 4) Please regularly check all the functions of the game when operate to prevent dysfunction.

## Notes of Maintenance

- 1) Be sure to check and maintain 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 cloth 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.

## **1. Game introduction**

- 1) Insert coin(s), press start button.
- 2) Move the squirt gun to choose scene, press start button to enter the game.
- 3) Aims at the target then squirt the fire. Player got extra playing time when reach the target score. There are some props can help in each scene, such as water cannons, water tank and fire extinguisher.
- 4) Game over when the playing time countdown to 0.

## **2. TECHNICAL PARAMETER**

VOLTAGE: AC 220V/110V (50/60HZ)

MAX. CURRENT: 8A/15A

(Note: please refer to the nameplate located on the back of the game to check actual usage of voltage.)

MAX. POWER: 980W

STANDBY POWER: 300W

COIN SIZE:  $\phi$  21mm ~  $\phi$  31mm (diameter)

1.2mm ~ 2.5mm (thickness)

CAPACITY OF COIN BOX: 2800pcs of coins with coin size  $\phi$ 25mm\*1.5mm

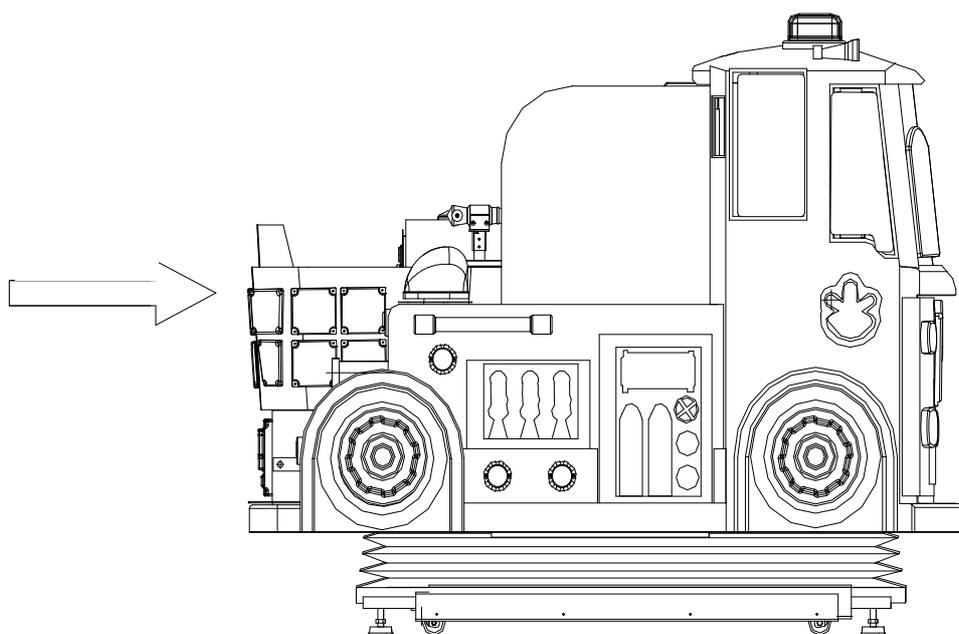
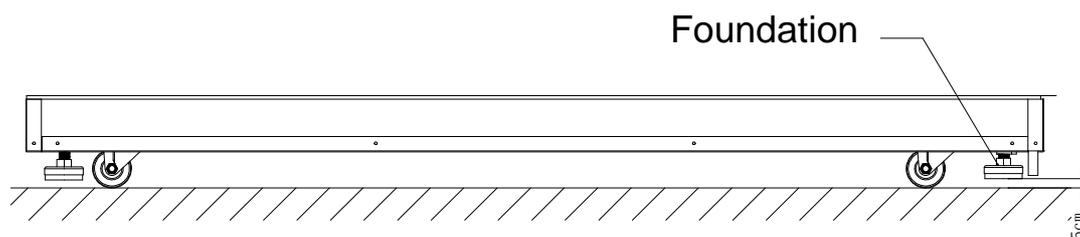
LOCATION REQUIRED: -5 ~ 40°C, humidity is less than 90%. No

contact with any corrosive liquid, no any greasiness and dirt.

DIMENSIONS: L1990mm\*W1100mm\*H1580mm

### 3. Movement

Screw the foundation to leave the ground (about 5mm).



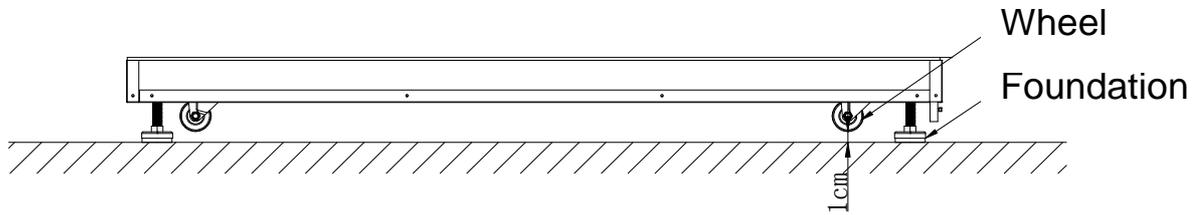
#### **WARNING**

- Please power off the game first and pull out the cord, then move the game.
- Please do not carelessly move, turnover, transport the game; otherwise it will destroy the game.
- Prevent hitting, rubbing the games when move the games, otherwise it will damage the appearance of the game.



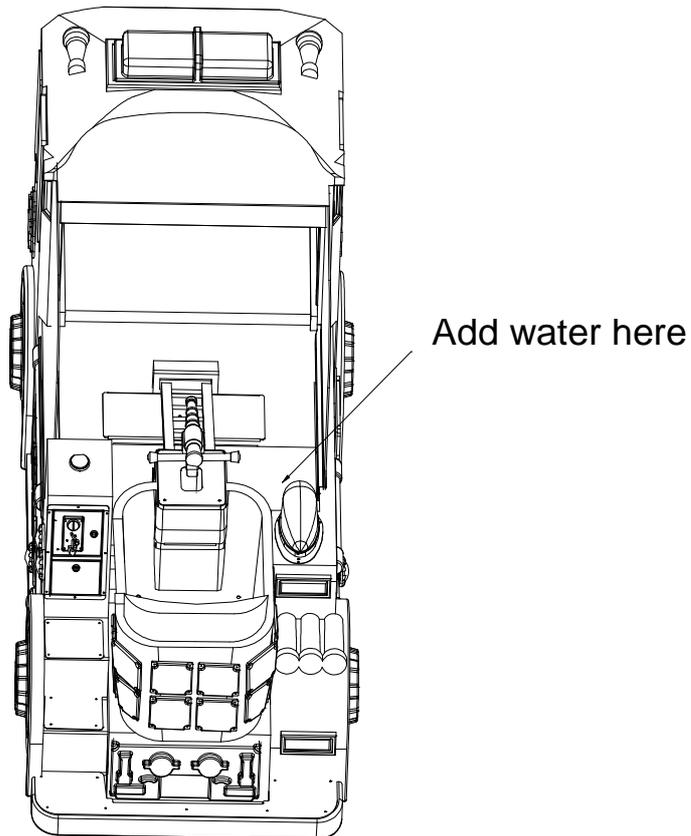
#### 4.2 FIX THE FOUNDATION

Screw the foundation down to hold the game, distance between ground and wheel is 1cm.



#### 4.3 ADD WATER

As shown below. Add about 50L clean water.



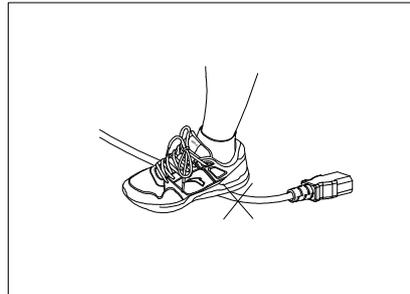
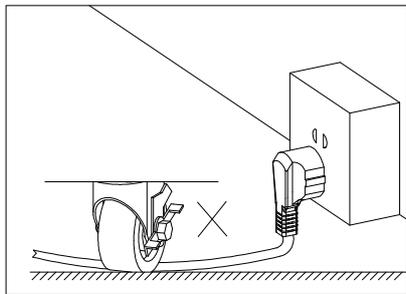
#### 4.4 CHECK AND SET BEFORE CONNECTING THE POWER

- 1) Please check whether the parts of cabinet are loose caused by moving, and the wire terminal should not drop out from the port.
- 2) Check whether the GND is connected.
- 3) Please check whether the resistance of power input at the both ends for GND is more than 100 megohm.
- 4) Connect the wires.

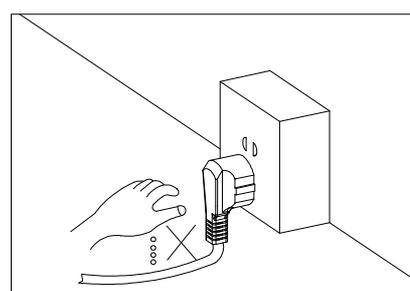
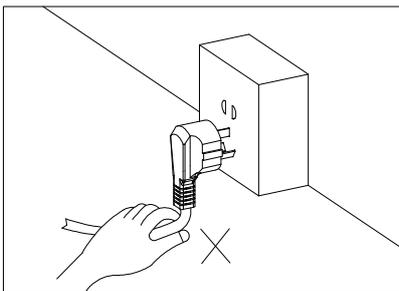
##### Attention

**A** Please make sure the power cord is not pressed by wheel, foundation, etc. Otherwise, it will damage the wire 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. Do not touch the plug with wet hands.



#### 4.5 CHECK AND ADJUST AFTER CONNECTING THE POWER

- 1) Make sure the input voltage is same as the one stated on nameplate on the back door of the game.
- 2) After connecting the power, please switch on the game.
- 3) Inserting coin to check if the coin machine cans work properly.
- 4) Visually check the game and confirm the display and light can work properly.
- 5) Enter into the setting program and set the game settings (include coin, game time, game levels, etc.)
- 6) Insert coin to play the game, confirm the squirt and the machine movement is normal
- 7) Check the sound if it is ok.

## **5. CHECK BEFORE OPERATION**

Check the game before operation to prevent the game from working improperly when operated.

Checking item:

- 1) Check if the cord is securely plugged in and without defects.
- 2) Check the location of game.
- 3) Check if the game case is without defects or burrs.
- 4) Check if the game without dirt and properly stuck on with marks.

## **6. DAILY OPERATION**

### **6.1 INPUT POWER TO OPERATE :**

- 1) Turn on the machine power switch.
- 2) Visually check the game and confirm the display can work properly.
- 3) Check the sound if it is ok.
- 4) Confirm the coin mech, button and the squirt is working properly.

Warning: Before operation, please confirm all the items above are ok.

### **6.2 CHECK AFTER OPERATION :**

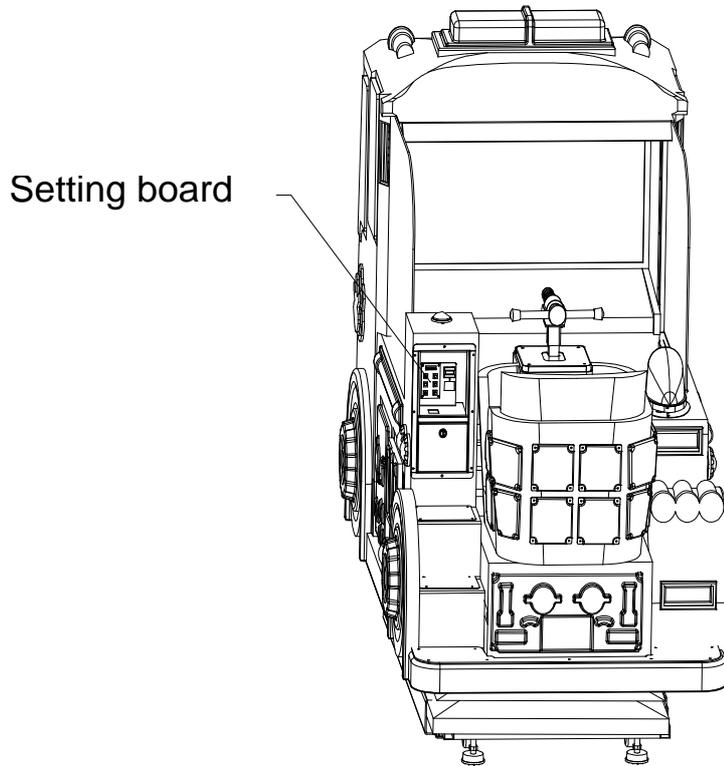
- 1) Check the display of the game and confirm it is proper.
- 2) Double check the coin mech, button and the squirt is working properly. If there is any problem, please solve the problem as soon as possible.

### **6.3 COLLECT COINS AND KEEP RECORD**

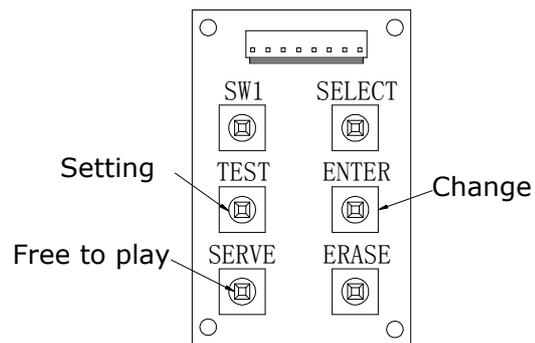
Switch off the power and open the door of the coin box to take out the coins. Then open the door of the coin mech to keep a record of the coins' quantity.

## 7. GAME SETTING

1. Find out the setting board



KEYS FOR SETTING:



TEST: Enter into the setting menu or skip to the next menu.

ENTER: Change the setting.

SERVE: 1 free play.

## 2. SETTING METHOD

Setting method: press "TEST" to enter into the game setting menu → press the "TEST" to choose the setting item → press "ENTER" to change the setting.

Setting			
Language:	English	Ticket-out:	ON
Game Time:	60	Volume:	30
Number of Coins:	1	Reset:	YES
Scores per ticket:	1	Potentiometer Test:	YES
Standby Music:	ON	Exit:	YES

Descriptions:

Language: This setting decides which language will be displayed in screen, Chinese or English.

Game Time: this setting decides how many seconds for one game.

Number of Coins: this setting can decide how many coins player should insert for one game.

Scores per Ticket: this setting can decide how many scores to get 1 ticket.

Standby music: this setting decides if play music when the game is standby.

Ticket-out: this setting can decide if to payout ticket (not opened yet).

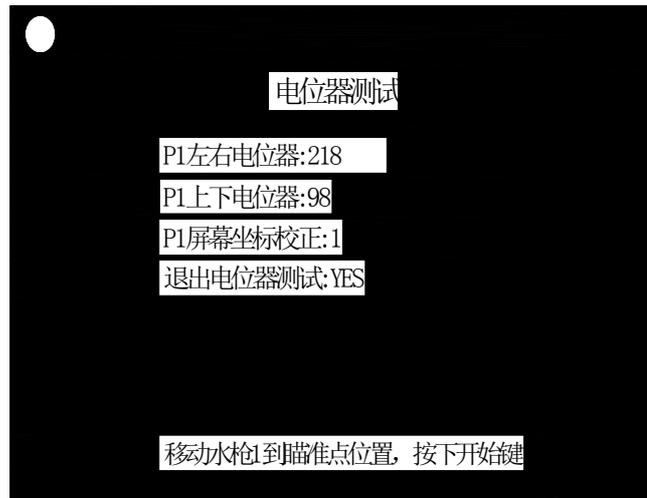
Volume: this setting is to set the volume, the higher value the louder sound.

(Note: the volume can be adjusted by adjusting the volume potentiometer on the amplifier board).

Reset: this setting is to reset the factory setting.

Potentiometer Test: can get into the text interface to test the potentiometer and adjust the squirt position.

Test the potentiometer and adjust the squirt position:



P1 left and right potentiometer: this item is to test the left and right potentiometer. When move the squirt gun left and right, the value will change, if it is not change, it means the left and right potentiometer is not working properly.

P1 up and down potentiometer: this item is to test the up and down potentiometer. When move the squirt gun up and down, the value will change, if it is not change, it means the up and down potentiometer is not working properly.

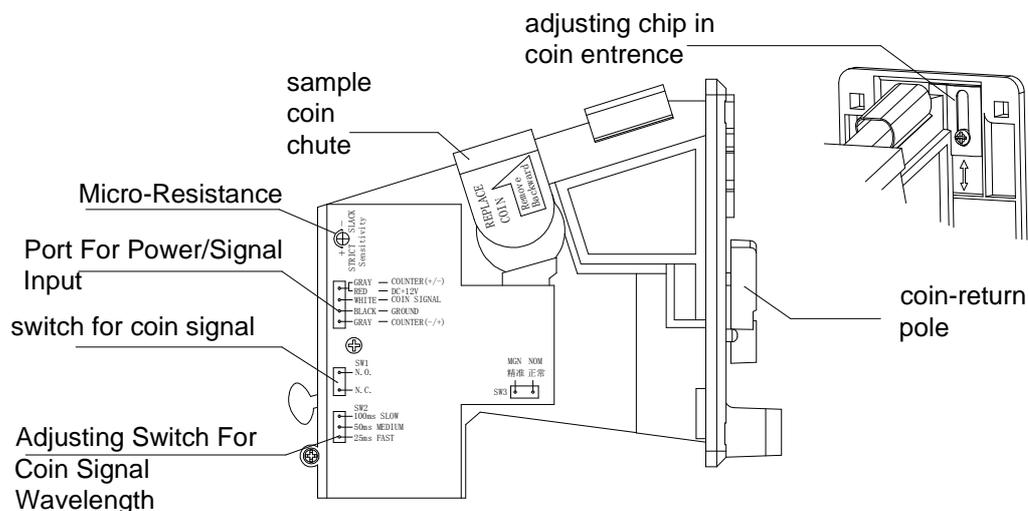
P1 coordinate correction: this item is to correct the coordinate when it is not accurate.

Exit: Exit potentiometer setting.

Move the squirt gun to the aiming point, press the start button.

## 8. ADJUSTMENT

### 8.1 ADJUST THE COIN MECH

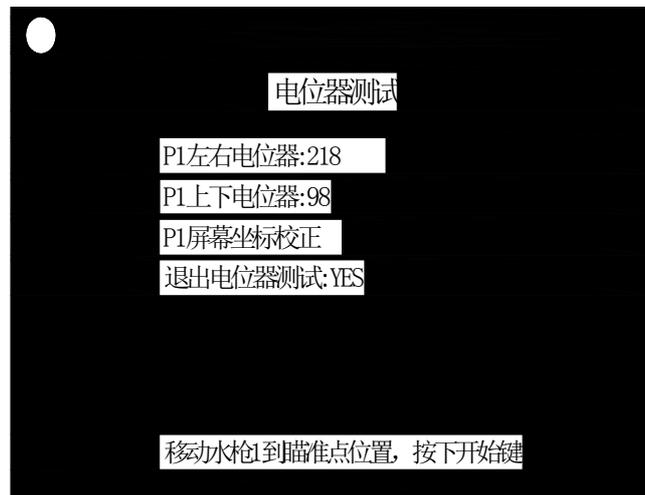


Descriptions:

- 1): Please take out the plastic coin from sample coin chute and replace it with token.
- 2): Remove the screws on back of coin entrance. Adjust the fixing chip on back of coin entrance according to the token's diameter, which prevent blocking the coin mech as inserting the large coin in by mistake.
- 3): Turn the COIN Switch to "NO" (COIN Signal wire and GND should be disconnected at usual time). Turning switch can be used as the coin mech switch when the game is power on.
- 4): Adjust the adjusting switch of COIN Signal wave length to 50MS.
- 5): Adjust the micro-adjusting resistance of token tolerance. Clockwise: increasing the sensitivity of token tolerance, that is, the range of accepting the token tolerance will be larger. Counter clockwise: decrease the sensitivity, that is, the range will be smaller and choose the token more strictly.

## 8.2 ADJUST THE SQUIRT COORDINATE

- 1) Press “TEST” on the setting board to enter into the game setting menu → press the “TEST” to select “Potentiometer Test” →press “ENTER” to enter setting.
- 2) Test if the left and right potentiometer and up and down potentiometer is working properly. (refer to above setting descriptions)
- 3) If all potentiometers are working properly but the squirt coordinate is not accurate, please select “P1 coordinate correction” to correct it.
- 4) When the coordinate at the upper left corner, move the squirt gun to the far left and topside, then press start button to confirm the upper left corner’s correction. Then it will skip to bottom left corner’s correction.
- 5) Bottom left corner’s correction method is the same as upper left corner’s correction. When the squirt coordinates is adjusted accurate, press “TEST” button to exit.



## 9. CHECK AND MAINTAIN

### ! Warning

Check and maintain the game by technicians.

Please power off the game when check and maintain.

Please do not put any tools into cabinet, otherwise it will cause problem.

After checking, please tightly screw the screws and close the door.

### Daily Check

ITEM	DESCRIPTION
COIN MECH	Check whether the coin mech work properly.
MONITOR	Check if the monitor works properly.
SOUND	Check whether the sound and volume are ok.
PUMP	Check if the pump works properly.
TEMPERATURE HUMIDITY	Check if the temperature and humidity is proper

ITEM	DESCRIPTION	Periodically check
PUMP INTERFACE	Check all the interfaces of the pump to see if there is water leakage	Every 3 months
WATER	Check if the water is clean, if not, please change the water.	Every 2 weeks

### Daily Maintenance

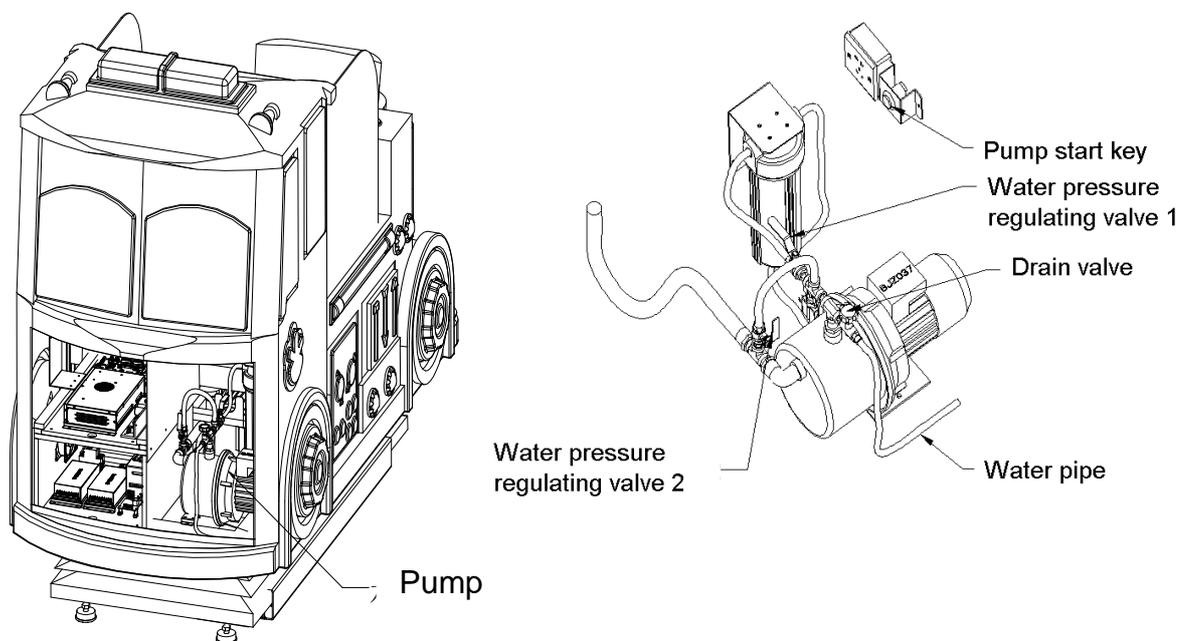
ITEM	DESCRIPTION
THE CABINET	Clean the cabinet with water and soft paper.
MONITOR GLASS	Clean the monitor and glass with water and soft paper.
PCB	Sweep the dust and dirty in the board with small brush

## Clean up wastewater

Please change the water every 2 weeks and clean the glass regularly.

Change water:

- 1) Open the maintenance door, put the water pipe in a bucket.



- 2) Open the drain valve and close the water pressure regulating valve 1, then the pump is energized and run and drain the water to the bucket.
- 3) After drained the water, please close the drain value and add clean water (50 L) to the game.
- 4) Open the water pressure regulating valve 1, press the pump start key and adjust the water pressure regulating valve 1 to adjust the water pressure of squirt gun.
- 5) After adjust the water pressure of squirt gun, please close the maintenance door.