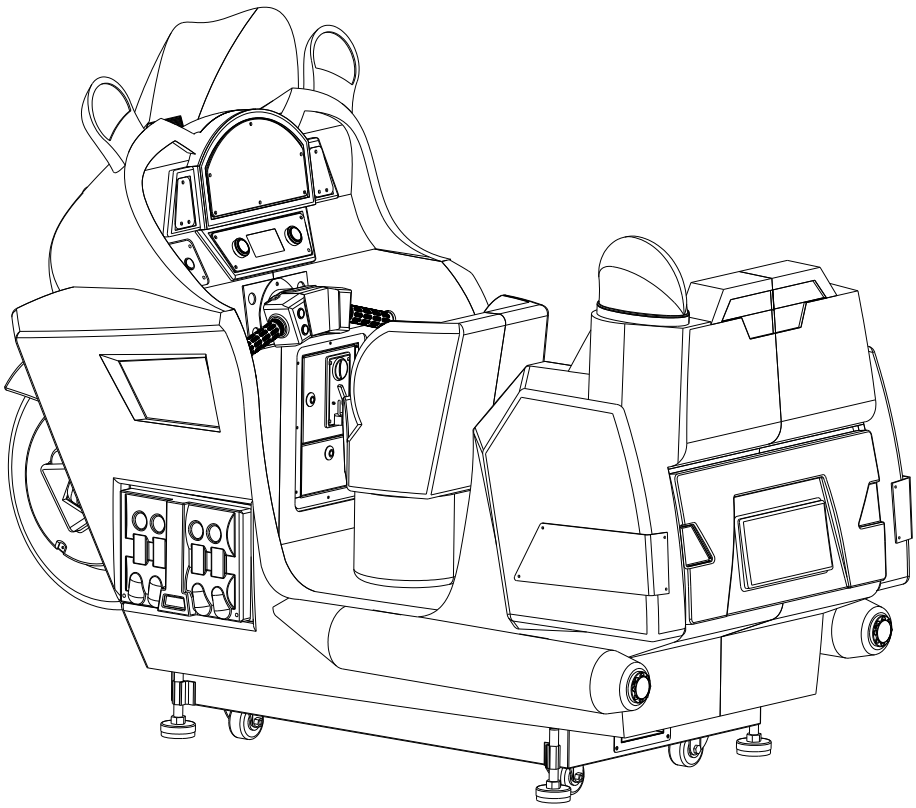

POLICE MOTO

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Tel:(CHINA):+8620-84851613 Fax(CHINA):+8620-84559322
www.tecway.com.tw www.mecpower.com.cn

ATTENTIONS

Please read the manual first before operating this machine.

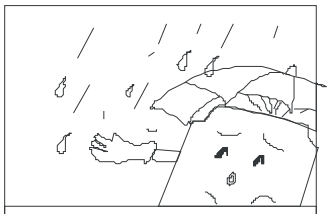
Please pay attention to the items marked in “note”.

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.

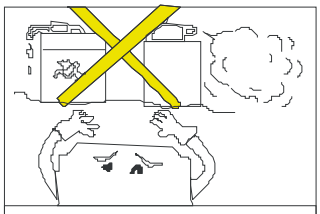
Improper Locations:

Place directly exposed to sunshine

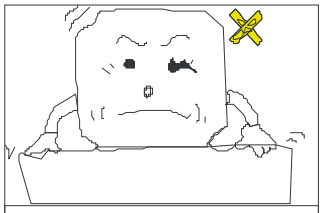


Humid area

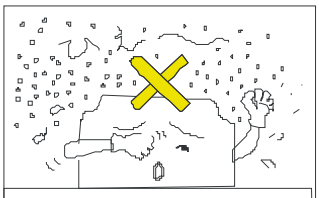
Place with high temperature



Place with corrossive 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.

TECHNICAL PARAMETERS

Voltage: AC 220V/110V（50/60HZ）

Max. current: 2.7A/5.5A

(Note: The proper voltage and current used accords to the nameplate at the back door of the game.)

Max. power: 600W

Power (standby mode): 100W

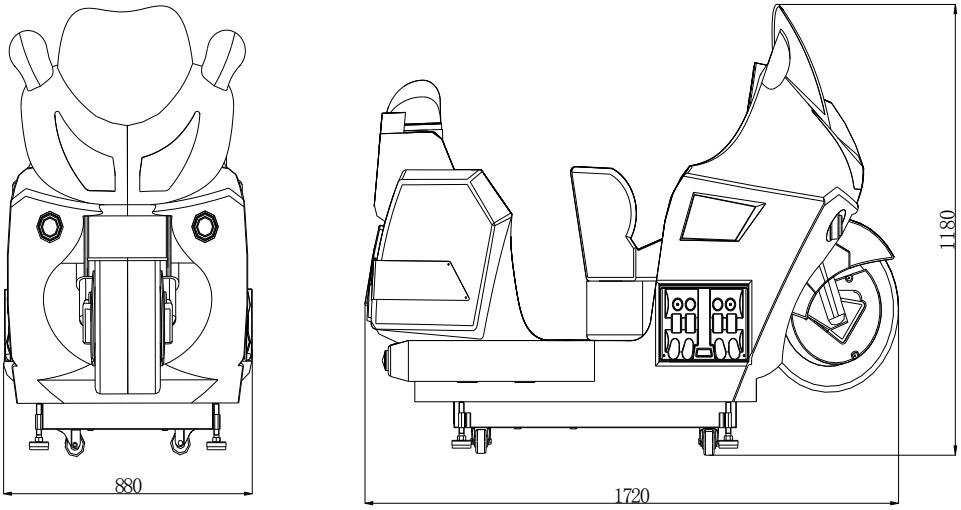
Coin size: φ21mm ~ φ31mm(diameter)

1.2mm ~ 2.5mm(thickness)

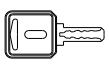
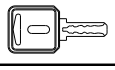
Capacity of coin box: about 1500 pcs with coin size φ25mm*1.5mm

Location required: indoor use; temperature: -5~40°C ; RH > 90%; no contact with any corrosive, greasiness and dirt.

Dimensions: L1720mm*D880mm*H1180mm

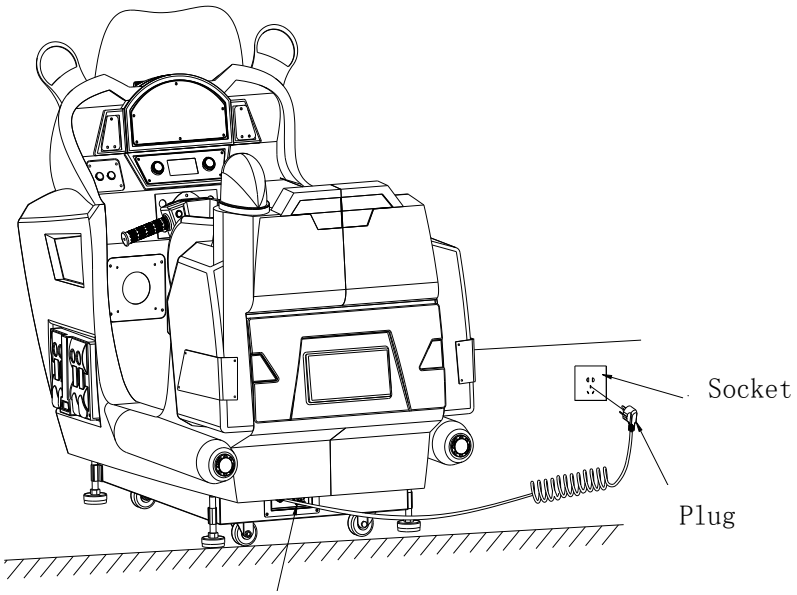


Free Parts:

#	DRAWING	NAME	SPEC./MODEL	QTY
1		bulb	10W	2
2		key	1285#	2
3		key	1396#	2
4		power cord		1
5		manual		1

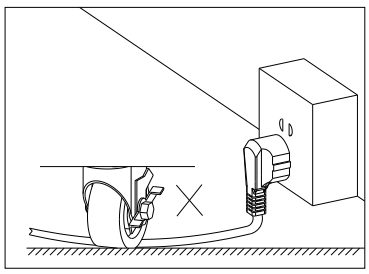
CHECK THE CONNECTION

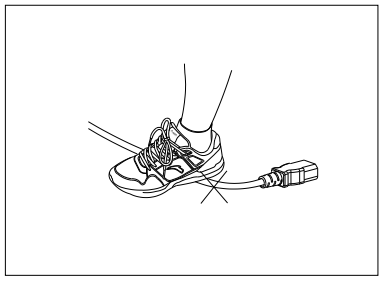
1. Check if the inner structure of the game is loose caused by transportation or the terminals drop.
2. Check if the game is grounded.
3. Check if the resistance of the GNDs is more than 100 megohm.
4. Connect the power cord.



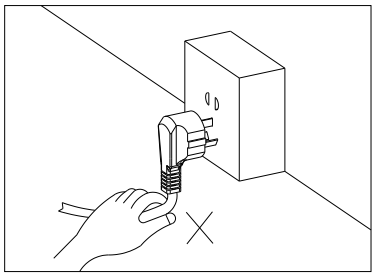
Attentions:

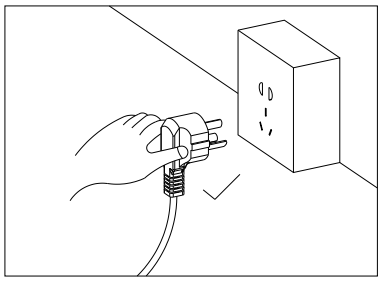
a) Please make sure the power cord is not pressed by wheel, foundation, etc. Otherwise, the wire will be damaged to cause short circuit, even fire. Do not use strong power to extend and wring the wires. Do not make the wire be near to the high temperature object. Properly put the wire to avoid any kicking or treading.



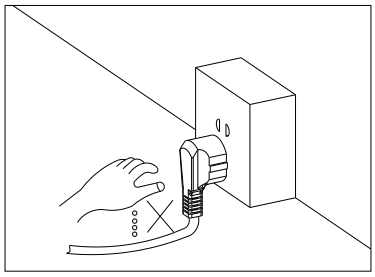


b) Hold the plug to pull it out from the socket.





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.

Connect the power:

1. Confirm the value of voltage input is same as the one stated on the nameplate on the back of the game.
2. Swith on the power switch.
3. Properly adjusted the coin mech and confirm it can work properly.
4. Check and confirm all the flash lights and display boards can work properly.
5. Open the back door of the game to find out the main board. Adjust the DIP switch according to the game setting chart.
6. Test the game and confirm it can work properly.
7. Check and confirm the sound is ok.

CHECK BEFORE OPERATION

1. Confirm the power cord is properly plugged and without any damages.
2. Confirm the game is properly fixed.
3. Confirm the cabinet of game is without damages and burrs.
4. Confirm the surface of game is clean and with proper marks.

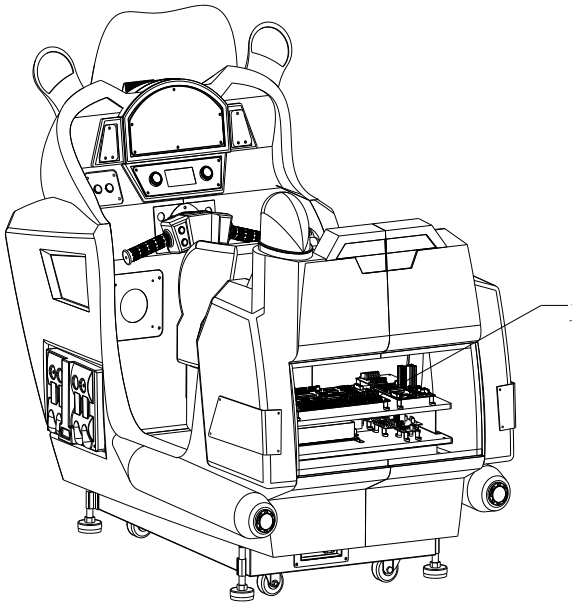
DAILY OPERATION

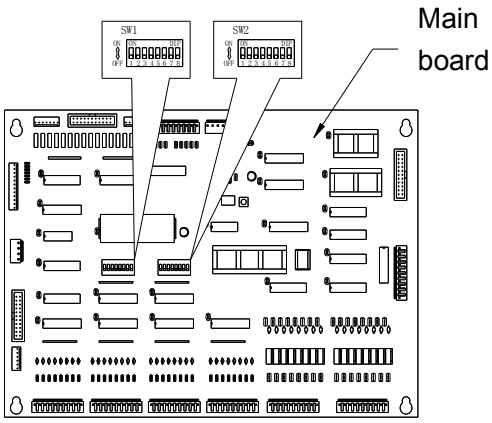
Please properly refer to the instructions above to check the game before operation.

After operation, please collect the coins and keep record of the coin meter.

GAME SETTINGS

Open the door of chassis to find the DIP switches SW1, SW2 on the main board.





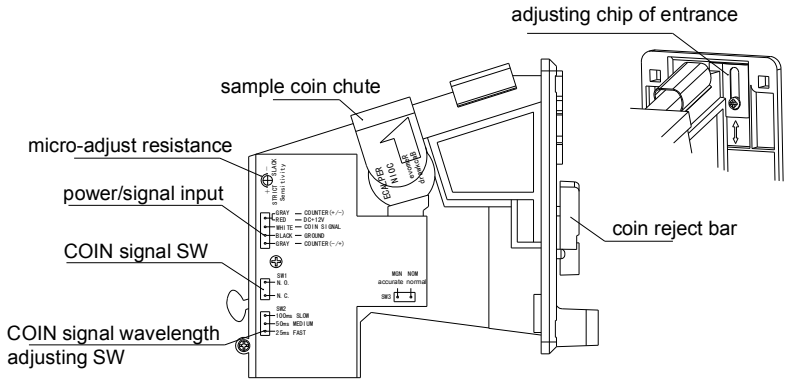
Game settings chart:

SETTING ITEMS \ DIP SW1		1	2	3	4	5	6	7	8
NO. OF COIN PER GAME	1 COIN	OFF	OFF						
	2 COINS	ON	OFF						
	3 COINS	OFF	ON						
	FREE PLAY	ON	ON						
GAME TIME	60 SECONDS			OFF	OFF				
	90 SECONDS			ON	OFF				
	120 SECONDS			OFF	ON				
	150 SECONDS			ON	ON				
DEMO MUSIC	ENABLE							OFF	
	DISABLE							ON	
DEMO MOVEMENT	ENABLE								OFF
	DISABLE								ON

SETTING ITMES \ DIP SW2		1	2	3	4	5	6	7	8
ODOMETER	ENABLE	OFF							
	DISABLE	ON							
TACHOMETER	ENABLE		OFF						
	DISABLE		ON						

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”.

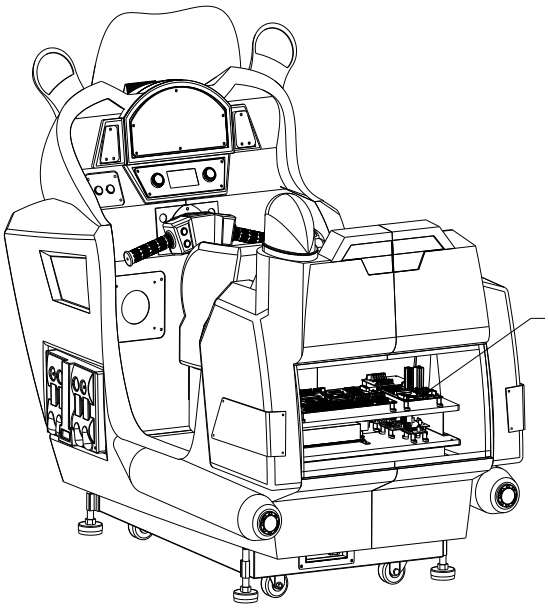
D. set the pulse of COIN signal to “50MS”.

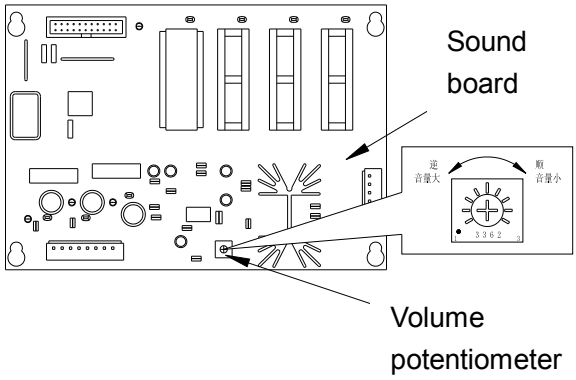
E. following the drawing to adjust the resistance for sensitivity of coin acceptance, turn colckwise for increasing and counterclockwise for decreasing.

Adjust the volume:

Descriptions:

Open the back door to find the volume potentiometer on the sound board.





Twist the potentiometer to adjust the vlume. Counterclockwisely to increase the volume, clockwisely to decrease the volume.

CHECK AND MAINTENANCE

Daily check

ITEMS	DESCRIPTIONS
Coin mech	Check if the coin mech can work properly.
START button	Check if the START button can work properly.
Accelerator	Check if the accelerator can work properly.
Sound	Check if the sound is proper.
Motor	Check if the motor can work properly.
Temperature, humidity	Check if the temperature and humidity is proper.

Daily maintenance

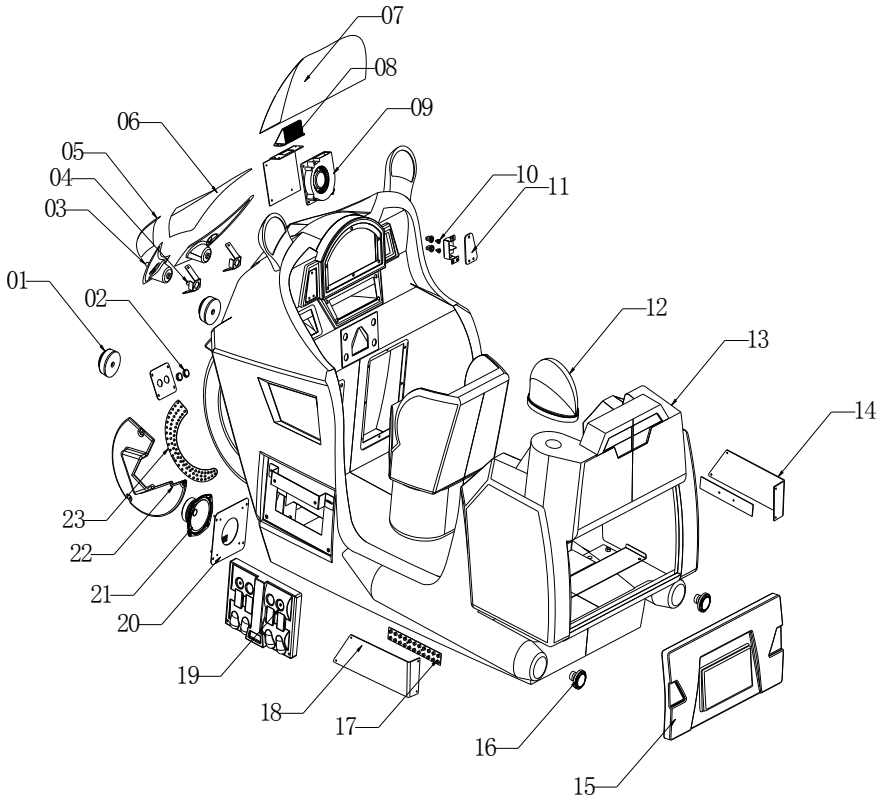
ITEMS	DESCRIPTIONS
Cabinet	Clean the cabinet with water.
Acrylic panel	Clean the panel with water.
PCB	Clean the PCB with brush.

TROUBLESHOOTING

PARTS	PROBLEM	CAUSES	SOLUTIONS
COIN MECH	Can not insert coin	The coin mech need to be adjusted.	Adjust the coin mech.
		Fake coin in coin mech.	Take out the fake coin.
	Coin in coin box is invalid.	The wire of coin signal is loose.	Check the connection of coin mech.
		The coin mech is bad.	Repair or replace the coin mech.
START BUTTON	Pressing the button is nvalid	Wire of button is loose.	Check the connection.
		Micro switch of button is bad.	Replace the micro switch.
ACCELERATOR SENSOR	No scoring.	Bad connection.	Check the connection of sensor.
		Sensor is bad.	Replace the sensor.
MICRO SWITCH	The micro switch is invalid.	Micro switch is bad.	Replace the micro switch.
		Bad connection.	Check the connection of micro switch.
DISPLAY BOARD	No display.	Bad connection of display board.	Check the connection of display board.
		Port of display board is bad.	Repair or replace the main board.
LIGHTS	The light can nor work.	Bad connection.	Check the connection of lights.
		The light is bad.	Replace the light.
SPEAKER	No Sound.	The speaker is bad.	Replace the speaker.
		Wire of audio signal is loose.	Check the connection of audio signal wire.
		The volume is too low.	Adjust the volume.
MOTOR	No movement.	Motor drive board is bad.	Repair or replace the drive board.
		Bad connection	Check the connection of motor.
POWER	No movement after powering on the game.	No AC110V/220V voltage input.	Check the connect and 110V/220V voltage input.
		The fuse is burnt.	Replace the fuse.
		No voltage output in power supply.	Repair or replace the power supply.
		The output voltage of power supply is too low.	Adjust the output voltage of power supply to 5.2V.
		The main board is bad.	Replace the main board.

PARTS DRAWING AND PARTS LIST

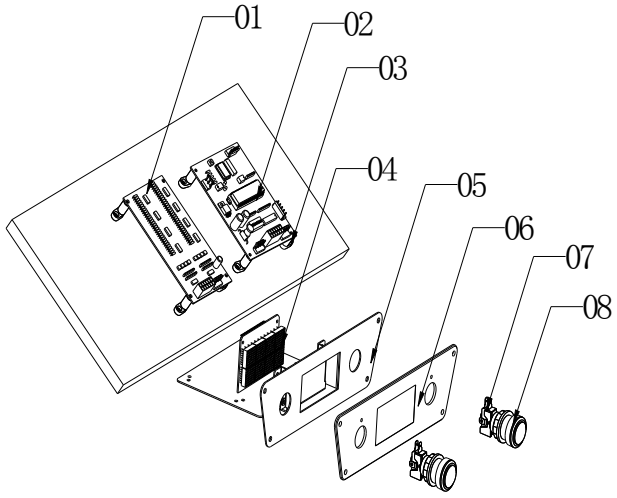
Main Cabinet:



#	NAME	QTY
01	Waring light	2
02	Black switch	2
03	Yellow LED light 5W	2
04	Bulb 10W	2
05	Left head light lens	1
06	Right head light lens	1
07	Windshield	1
08	Air outlet	1
09	Blower	1
10	LEG light white	4
11	Right meter's acrylic	1
12	Rotation warining light	1
13	Fiberglass body	1

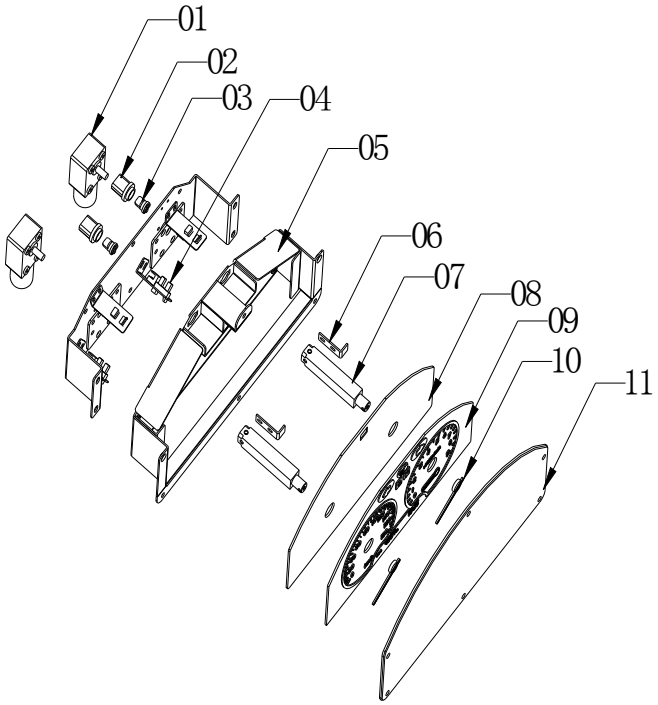
#	NAME	QTY
14	Rear right acrylic	1
15	Service door	1
16	Red light	2
17	LED light board	2
18	Rear left acrylic	1
19	ABS	1
20	Speaker mesh	1
21	Speaker	1
22	Left wheel blister	1
23	Right wheel blister	1

Matrix Assembly:



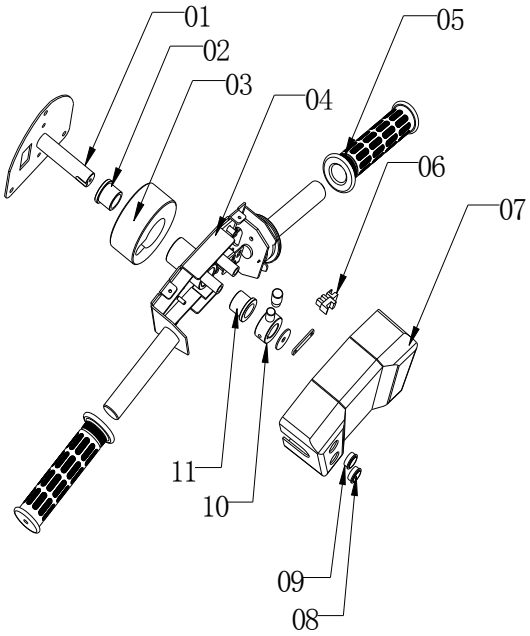
#	NAME	QTY
01	Matrix drive board	1
02	Matrix control board	1
03	PCB holder	8
04	Matrix display board	1
05	Matrix holder	1
06	Display board acrylic	1
07	Micro switch	2
08	Small round button	2

Panel for Meters:



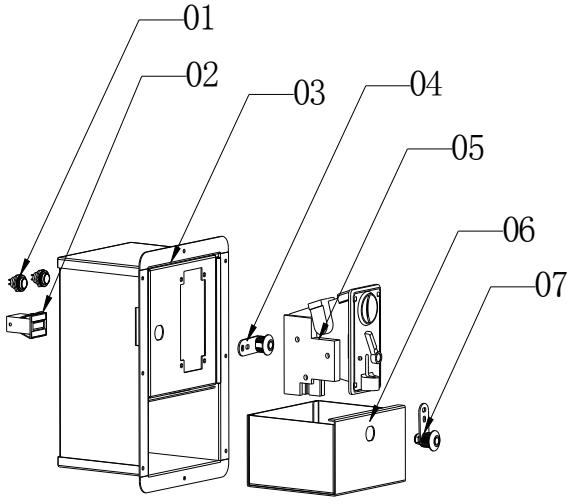
#	NAME	QTY
01	Motor	2
02	Light holder	2
03	LED light	2
04	Optical swich	4
05	Meter panel	1
06	Shade	2
07	Rotation pole	2
08	Meter panel	1
09	Meter acrylic	1
10	Indicator	2
11	Transparent acrylic	1

Handle:



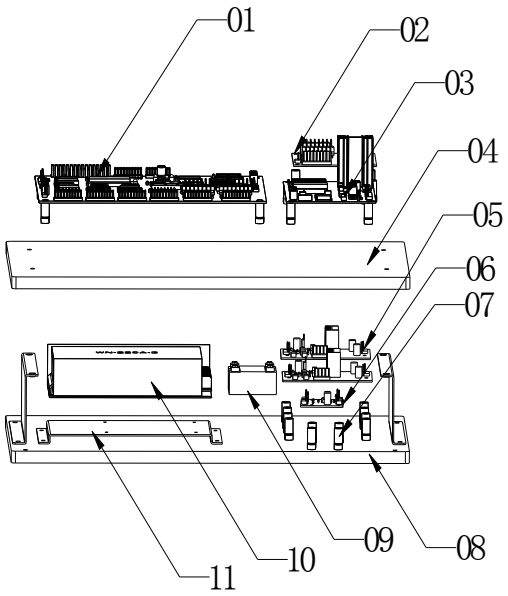
#	NAME	QTY
01	Handle base	1
02	Handle sleeve	1
03	Big handle sleeve	1
04	Handle assembly	1
05	Handle	2
06	Optical switch	1
07	Handle cover ABS	1
08	Green button	1
09	Red buton	1
10	Handle button sleeve	1
11	Handle sleeve	1

Coin Door:



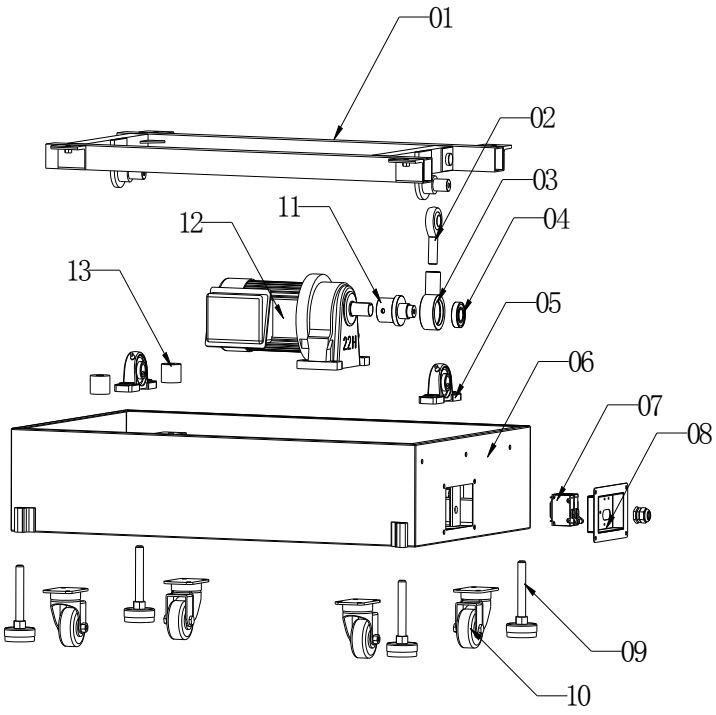
#	NAME	QTY
01	Button switch	2
02	Meter	1
03	Coin door assembly	1
04	Lock 1285	1
05	Coin mech	1
06	Coin box	1
07	Lock 1396	2

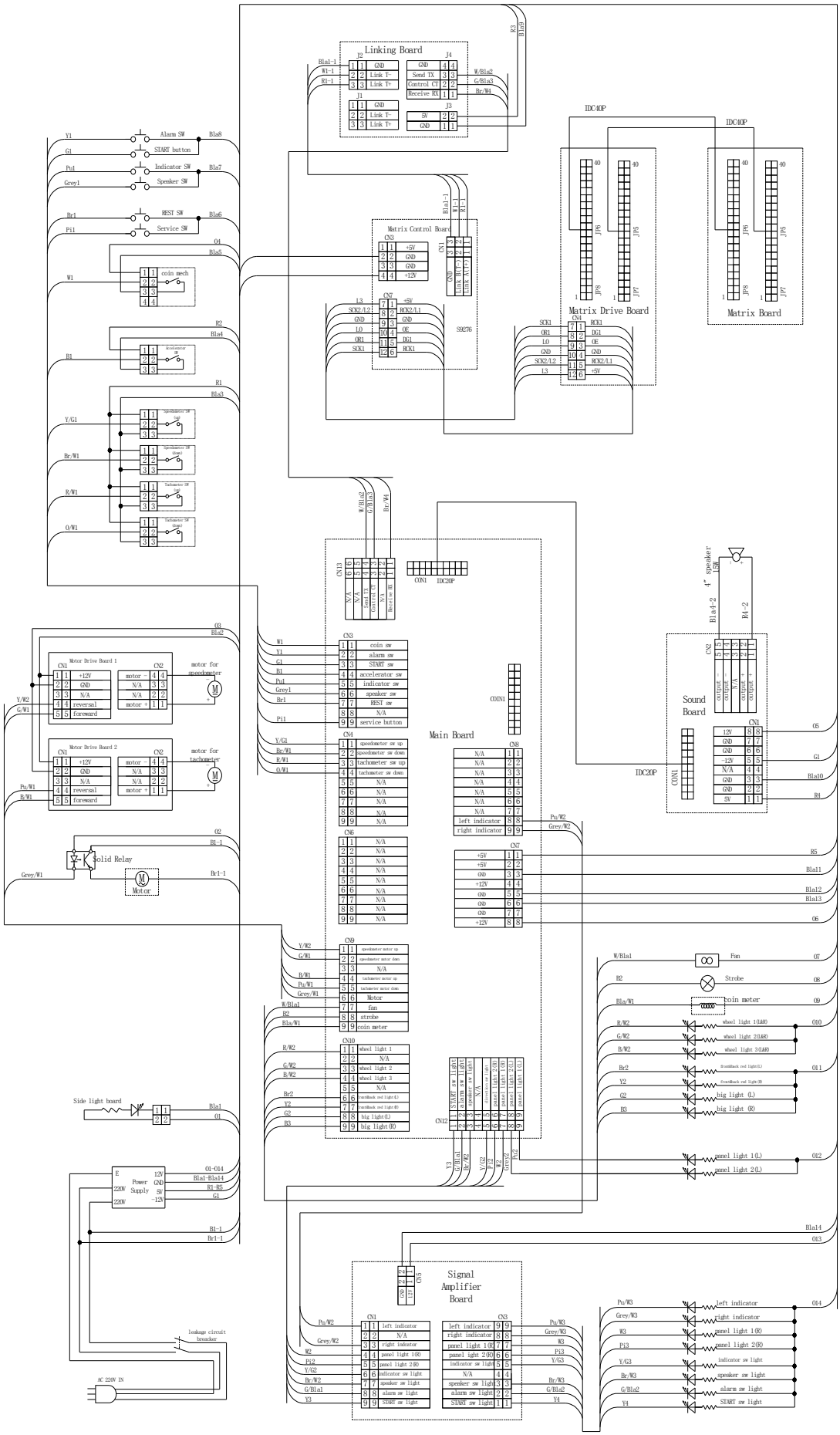
PCB Assembly:



#	NAME	QTY
01	Main board	1
02	LED drive board	1
03	Computer host board	1
04	Wooden board	1
05	Motor drive board	2
06	Linking board	1
07	PCB holder	24
08	Power supply holder board	1
09	Solid relay 25A	1
10	Power supply	1
11	Power supply holder	1

Chassis:



#	NAME	QTY
01	Frame	1
02	Bearing with pole	1
03	Bearing base	1
04	Bearing 6004	4
05	Bearing with base	2
06	Chassis	1
07	Air switch 10A	1
08	Power switch box	1
09	Foundation	4
10	Wheel	4
11	Motor shaft	1
12	Motor CH-22	1
13	Limit rubber	2

SHEMATIC DIAGRAM