BARRON GAMES
INTERNATIONAL
Customizing Family Fun

SKU#: BG-DS007

Dolphin Star

Complete Instruction Manual

Assembly, Operation, and Care Instructions by Barron Games

Serial #: _____

Distributed By: _____

Sales Person: _____

Technical Service #: +1-716-866-0054

Inspect Immediately after Transporting the Product

After receiving the shipment, inspect the product thoroughly to ensure that it has been shipped with care. Before turning the power on, please check the following:

- Check the unit for any damage or shifting that may have occurred during shipping. Are there any dented portions or defects (cuts, etc.) on the external surfaces of the unit?

- Are the feet, base, and stand intact?

- Do the power supply voltage and frequency requirements meet with those of the location (110V/220V)?

- Are all wires linked correctly and securely connected to each other? If coupled in an incorrect manner, the connection will not be made accurately and it could cause not only irreparable damage to the machine, but also is a potential fire hazard. **DO NOT INSERT CONNECTORS FORCIBLY**.

- Check that the all the cables, including power cables, are undamaged. Do power cables or other wires have any splices, cuts, or dents?

- Have you been provided with all of the associated accessories?

- Can all doors/lids be opened with the accessory keys? Can doors/lids be firmly closed? Does the coin box key open the coin box(es)?

Safety Instructions

Danger
Electric
shock risk

- This equipment may contain hazardous voltage which can cause electrical shock. Only **qualified personnel*** should work inside the equipment.
  *Note: Keep reading for a list of qualified personnel.

- To maintain personal safety and the safe operation of this product, read the entire manual before using it. The following instructions are intended for the users, operators, and the personnel in charge of the operation of the machine. **Be sure to keep this manual close to the product or in a convenient place for future reference.**

IMPORTANT NOTICES

- This product is intended for indoor use only

- This is NOT a child's toy; adult supervision is required for children to play this game. Children under 88 cm (roughly 3 ft) in height should not approach the game while it is in use, as this could be hazardous.

- Do not climb, or lean on the unit. Riders may sit on the saddle seat and hold on to the handle bar or reins. Do not place anything, including beverages, on or around the moving unit.

- Do not drag the unit when moving it, as this could damage the legs or cabinet beyond repair.

Definition of Site Maintenance Personnel
or Other Qualified Individuals

⚠️ # WARNING

Servicing and maintenance work of the contents herein stated should be performed by the *SERVICEMAN* stipulated as per IEC Standard. Those who do not have technical expertise and knowledge other than the *SERVICEMAN* are not allowed to perform the work herein stated. Executing the aforementioned work by such non-technical personnel can cause serious accidents that may endanger life.

Replacing parts, maintenance inspections, and troubleshooting should be carried out by **Site Maintenance Personnel** or other **Qualified Professionals**. This manual includes directions for potentially dangerous procedures which should only be performed by professionals with appropriate and specialized knowledge.

The **Site Maintenance Personnel** or other **Qualified Professionals** mentioned in this manual are defined as follows:

- **Site Maintenance Personnel:** Individuals with experience in maintaining amusement equipment, vending machines, etc., working under the supervision of the owner and/or operator of this product. Maintenance Personnel frequently service machines within amusement facilities or similar premises by carrying out everyday procedures such as: assembly, maintenance inspections, and replacement of units or replaceable parts.

  - **Actions Approved for Site Maintenance Personnel:** Machine assembly, maintenance inspection, and replacement of units or replaceable parts.

- **Other Qualified Professionals:** Personnel employed by the amusement equipment manufacturer. Personnel may also have been involved in design, production, testing, or maintenance of said amusement equipment. This individual should have either graduated from a technical school or hold similar qualifications in electrical, electronics, or mechanical engineering.

  - **Actions Approved for Other Qualified Professionals:** Assembly, maintenance, inspection, and replacement of units or replaceable parts for amusement equipment and/or vending machines, including repair or adjustments of electrical, electronic, or mechanical parts.

Before Using This Product

Please be sure to read the following before using this machine, in order to ensure the safe operation of this product. The following instructions are intended for users, operators, and personnel in charge of the operation and maintenance of the machine. After carefully reading and sufficiently understanding the warning displays and cautions, please handle the machine appropriately. Be sure to keep this manual for future reference.

Qualified Personnel: Only personnel who have technical expertise should perform the work stated herein to avoid hazardous situations. The instructions state that site maintenance personnel should be the only personnel performing work. Please perform maintenance work in accordance with the stated instruction; provided instructions for maintenance work are to minimize risk and prevent accidents. Failing to perform work as stated within the Instruction Manual may potentially be dangerous to both maintenance personnel and users.

- **<u>Be sure to turn off the power before working on the machine</u>.** To prevent electric shock, be sure to turn the power off before carrying out any work that requires direct contact with the interior of the product. If the work is to be performed in the power-on status, the Instruction Manual will state to do so.

- **Be sure to ground the Earth Terminal.** This is not required in the case where a power cord with earth/ground is used.

- **Ensure the power supply used is equipped with an Earth Leakage Breaker.** This product does not incorporate an Earth Leakage Breaker. Using a power supply which is not equipped with an Earth Leakage Breaker can cause a fire when or if earth leakage occurs.

- **Before installing the product, check for electrical specifications; the product must meet the requirements.** Ensure the product is compatible with the power supply voltage and frequency requirements of the location. Using any electrical specifications that are different from the designated specifications can cause a fire and/or electric shock.

- **Install and operate the product where appropriate lighting is available, allowing warning and safety labels to be read clearly.** To ensure customer safety, labels and printed instructions describing potentially hazardous situations are applied to places where risk for potential accidents are increased.

If any label is peeled off, apply it again immediately. Please contact Barron Games Technical Support at 1+716-866-0054 or email service@barrongames.com if you are in need of new stickers or parts. Visit www.BarronGames.com for more information about Barron Games' Parts and Service Department.

INSTALLATION AND MAINTENANCE SAFETY

This product is an indoor game machine. **Do not install it outside.** Even indoors, avoid installing it in the places mentioned below, so as to avoid causing a fire, electric shock, machine malfunction, or even death. Do not install or maintain this product in/on/within/near:

- places subject to rain or water leakage, places subject to high humidity, or in the proximity of an indoor swimming pool, shower, steam room, etc.

- places subject to direct sunlight, places subject to high temperatures, or in the proximity of heat dispensing units or portable heating devices.

- places filled with inflammable gas, within the vicinity of highly flammable or volatile chemicals, or other hazardous materials.

- dusty places.

- sloped surfaces.

- places subject to any type of violent impact.

- the vicinity of anti-disaster solutions, such as fire exits and extinguishers.

- places where the operating (ambient) temperature range is not 5°C to 30°C (41°F to 86°F).

- places near water or spray from water (such as a jet wash, hot tub, or swimming pool).

To ensure maximum safety for the users and service personnel, ensure that where the product is operated has sufficient lighting to allow all safety labels to be read clearly. Operation under insufficient lighting is not advised.

⚠️ ASSEMBLY

Important Notes

1. Read the complete **Dolphin Star Instruction Manual** before assembling or playing

2. Ensure that there is sufficient space to place and shift the product prior to assembly

3. **Two adults** are recommended to assemble the product

4. Inspect and ensure all parts are securely attached before operating

5. Please Note: Children and pets should be kept away from assembly and internal pieces; this unit contains small parts that could be a potential choking hazard

⚠️ TOOLS NEEDED

- **Dolphin Star Instruction Manual**

- **Ratchet or Socket Wrench**

This machine is supplied with a full range of accessories to help you get started right away.

- Allen Large Flat Head Screws (M4 x8 chrome)
- Hex Domed Cap Nuts (M4 chrome)
- Inner Hexagon Countersunk Head Screws (M4 x12 chrome)
- Master Keys (5555 Key)
- Power Cord – 3m (1.0㎡) 250V
- Three Combination Screws, Round Head (M6 x25 chrome)

*Note: Please retain the original packaging, so that it may be used for storage or transport later.

Unit Specifications

Monitor control panel
Power
Coin slot
Speaker

CON 12
CON 13
PWR

CON 11
CON 10

CON 4

Fan
Control panel
Main board
AMP board
Counter
Controling master volume

AUDIO

GND(+12V)
CON 6

VGA
USB 2
USB 1

Machine name board
Monitor
Speaker
Leg Poles
Saddle Cloth
Dolphin Base

Marquee Topper
"Let's Play with Dolphins" Sign
Coin Comparators
Confirm button
Handle
Dust-proof Bezzel
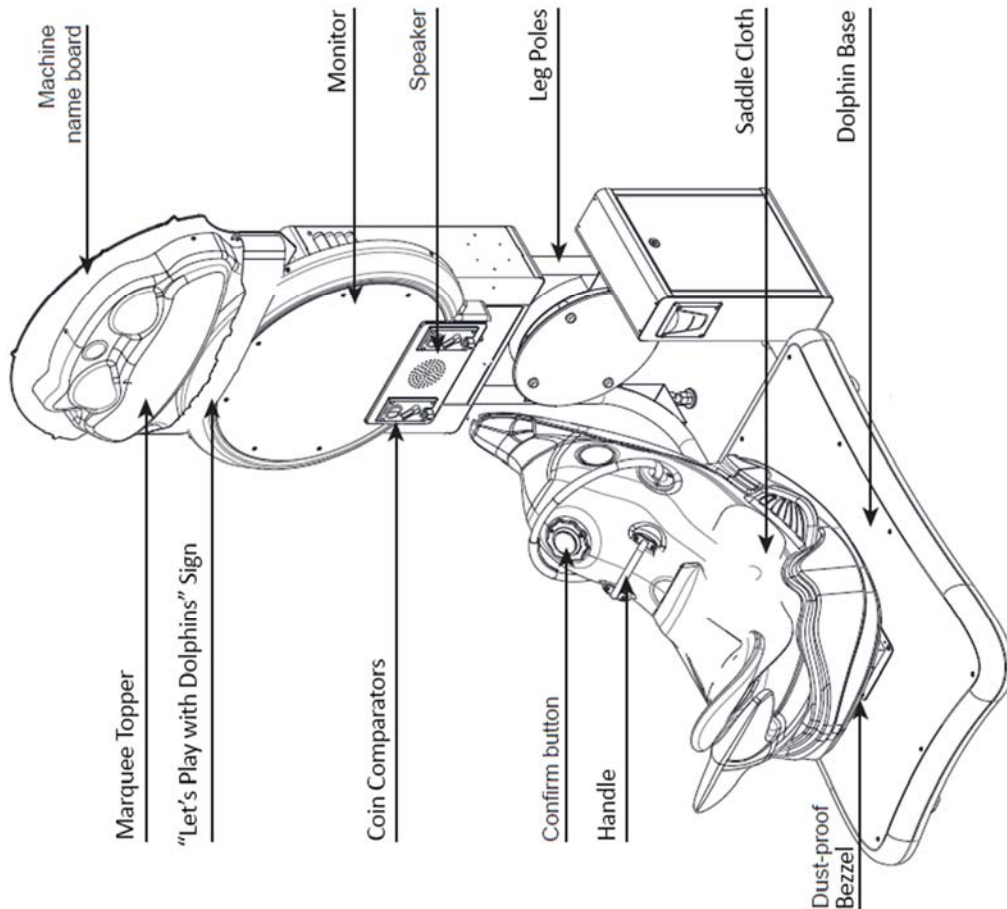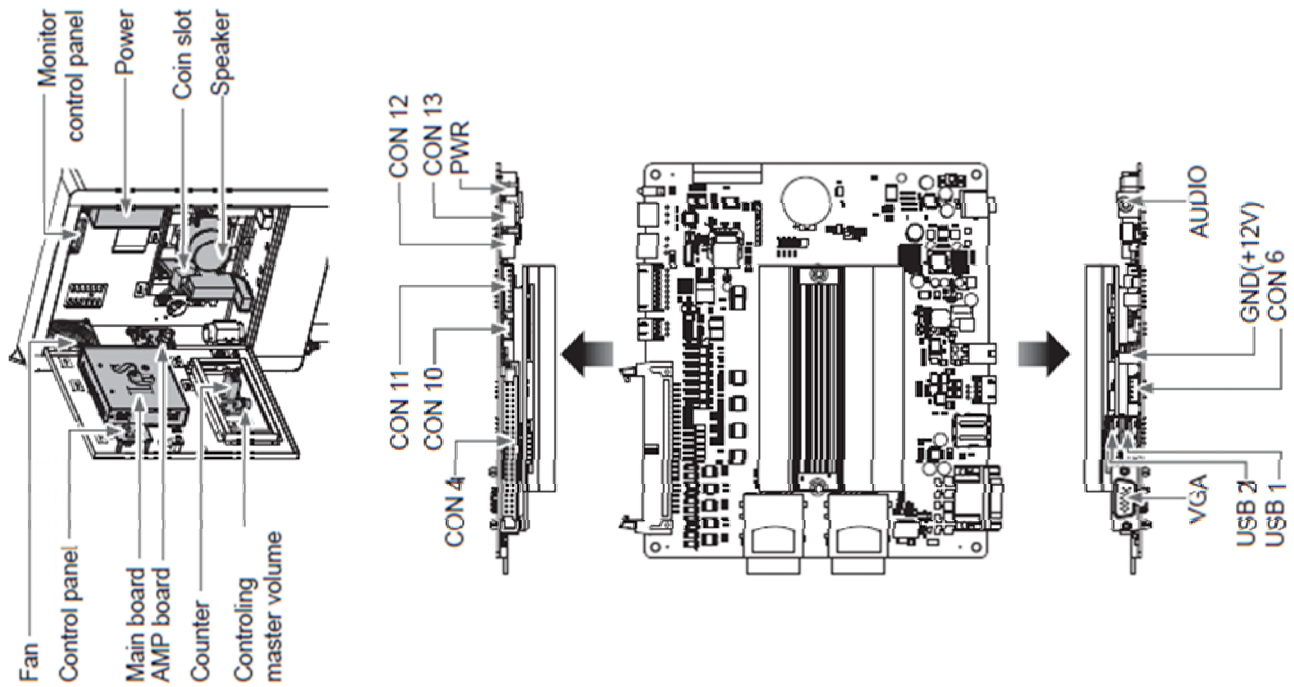
Unit Specifications
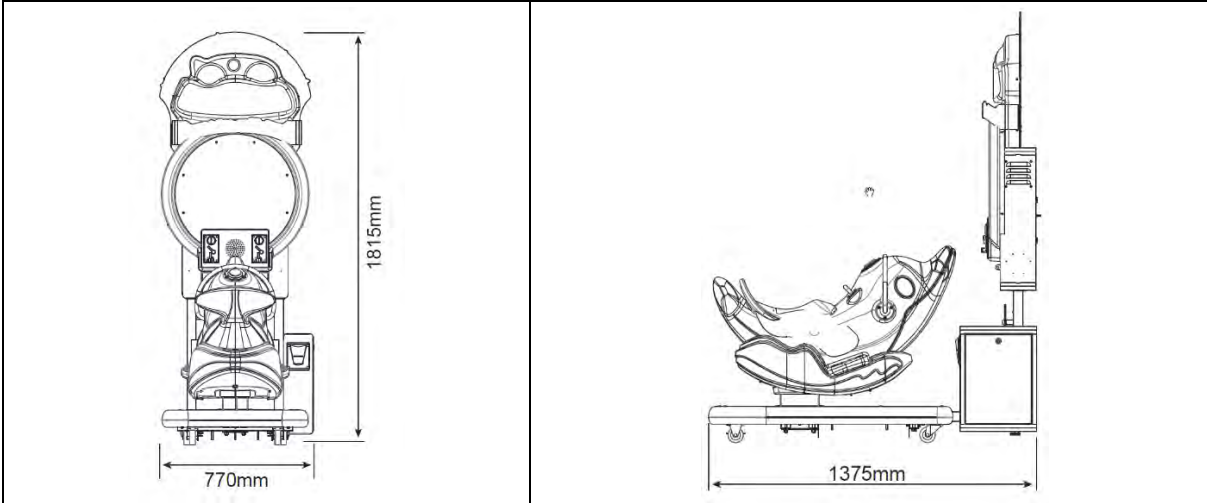
Indoor/Outdoor/Both	Indoor Only
Dimensions	**L 4.5ft x W 2.5ft x H 6ft** = 770mm W x 1375mm D x 1815mm H
Rated Voltage Frequency <	110V / 220V
	50 HZ / 60 HZ
Power Consumption	150 W
Weight	**210 lbs** = 95 kg
Temperature Range	**41°F ~ 104°F** = 5°C ~ 40°C

Assembly – Step Ⓐ (Unpack the Game)

After your purchase of the product, first move the cabinet to the designated location for installation, then connect the wires. When you transport, move, or consider where to install, make sure the following guidelines are followed:

Reminders for Transporting

- When transporting this product with vehicles, use the casters rather than tail to avoid damage to the cabinet.
- The monitor of the cabinet is fragile and should be transported with care; avoid bumping, hitting or dropping.

Reminders for Moving

- Before moving the cabinet, unplug the electric cord to avoid accidental electrocution.
- When moving this product, be aware of surrounding obstacles and make sure the floor is level and stable to avoid accidents and irreparable damage to the unit. Unit must operate on a level floor.
- When moving this product, at least two personnel should work together so as to avoid accidents or injuries.

Reminders for Installation

- The vent located in the side of this product is for the cabinet and screen to emit warm air. Do not place any items or other machinery close to the vent or malfunction may occur. Also, the screen is not equipped with an additional vent.
- About a foot (30 cm) or more should be kept between the cabinet and: walls, another cabinet, or a hallway.

Assembly – Step Ⓑ (Assemble the Unit)

Follow these instructions if unit shipped *partially assembled*:

General Assembly Diagram

❶	**Dolphin Base**
❷	**Dolphin Body** • Spring Washer (x2) • Hexagon Nut (x2) • Flat Washer (x2) • Hex Socket Fillister Head Screw(x2)
❸	**Ticket Box** • Fixed Retaining Ring (x2) • Hexagon Nut with Flange (x4) • Ticket & Bill Fixed Frame (x1) • Hex Socket Countersunk Screw (x2) • Hexagon Nut with Flange M6 (x2)
❹	**Ticket Box Door with Lock**
❺	**Cabinet Legs/Poles** • Decorative Star (x1) • Hex Screw (x2) • Spring Washer M12 (x4) • Flat Washer (x2)
❻	**Monitor Cabinet** • Hex Screw M8 (x4) • Spring Washer M10 (x4) • Flat Washer (x4)

❼	**Marquee Topper** • Cross-Recessed Fillister Head Three Combination Screws (x4) • Marquee Topper Metal Bracket (x1)
❽	**Marquee Door** • Hex Socket Countersunk Screw M4 (x7)
❾	**Machine Name Board** • Acorn Nuts M4 (x4) • Hex Socket Countersunk Screw M4 (x8) • Decorative Acrylic Machine Name Board (x1)

Quick Installation Guide

*Note: For a stand-alone version of this Quick Installation Guide, visit www.BarronGames.com (specifically http://barrongames.com/product/games/kiddie-rides/dolphin-star))

1. **Unbox the Dolphin Star Unit.** Cut the straps and pull the cardboard off the pallet. Remove all parts and boxes from the package. Unit will contain 3 boxes, dolphin body, dolphin base, monitor cabinet, and a decorative star.

Contents:

Small Box – screws and other hardware for assembly

Medium Box – ticket box & brackets

Large Box – marquee topper & machine name board

Small Box with Hardware
and Power Cord

Packaged Seperately:
Dolphin, Base, Monitor

2. **Install the Leg Poles.** Attach the white metal cabinet legs to the dolphin base. Secure with bolts using a socket wrech/rachet.

3. **Connect cabinet wires to base.** Tip the unit onto its side and gently feed the wires from the cabinet leg poles (inside the pole). *Note:* The connectors may be tucked deep in the poles; if needed, gently pull them completely through with a hook.

Connect the dolphin to the base using the three connectors on right side and one connector on the left side.
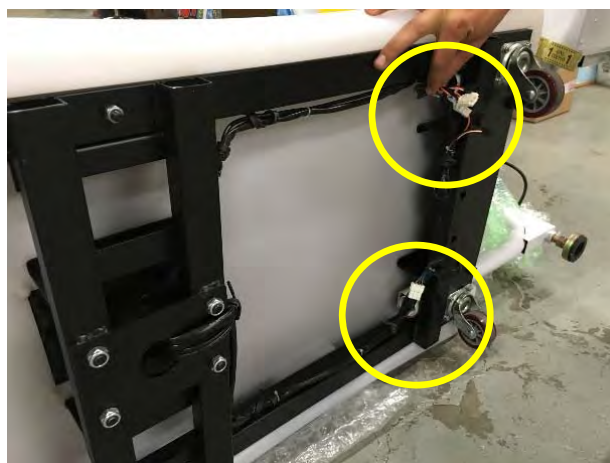
Quick Installation Guide

4. **Bolt the dolphin to the base.** Find the 2 long bolts, caps, and washers for the dolphin body. Both adults should lift up the dolphin so you can see through the holes; line it up with both sides. Place the washer onto the bolt and feed the bolt through one side first. Secure the bolt and repeat for the second hole.

   Note: Line up the holes in the motor mount with the dolphin body.
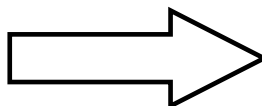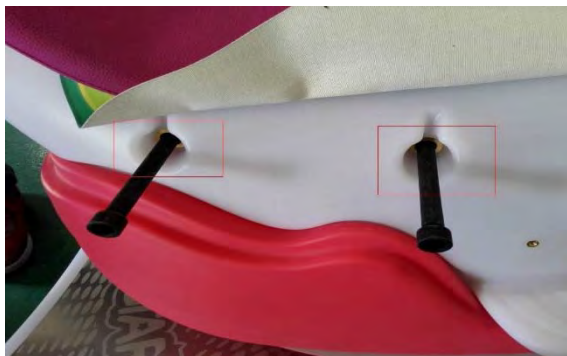
*Note: For the purposes of this installation guide, the color of the dolphin is irrellevant.

5. **Attach the saddle.** Using the small hex socket counter-sunk screws (M4) and counter-sunk washers (M4); secure the saddle cloth at two points on both sides.
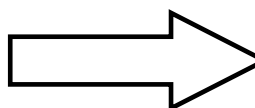
Quick Installation Guide

6. **Install the Monitor Cabinet.** Open the back of the monitor cabinet and loosen the side brackets that hold the leg poles. Slide the cabinet onto the leg poles. Using the <u>two bolts</u> provided, secure the bolt into the middle hole on each side and then tighten all the bolts on the brackets snugly to lock the cabinet into place. <u>Connect all the wires</u> that feed through the leg poles.

Please Note: The monitor cabinet must rest all the way down on the stoppers. If the legs get stuck, they may be getting caught up on wires inside. Twist the wires or cut the zip ties in order to feed the legs through the cabinet all the way down until it rests comfortable on its own.

<u>WARNING - PINCH POINT:</u> Becareful of your fingers on the bottom of the cabinet, they could get pinched if the poles slide down too fast. Two people are needed to assemble.
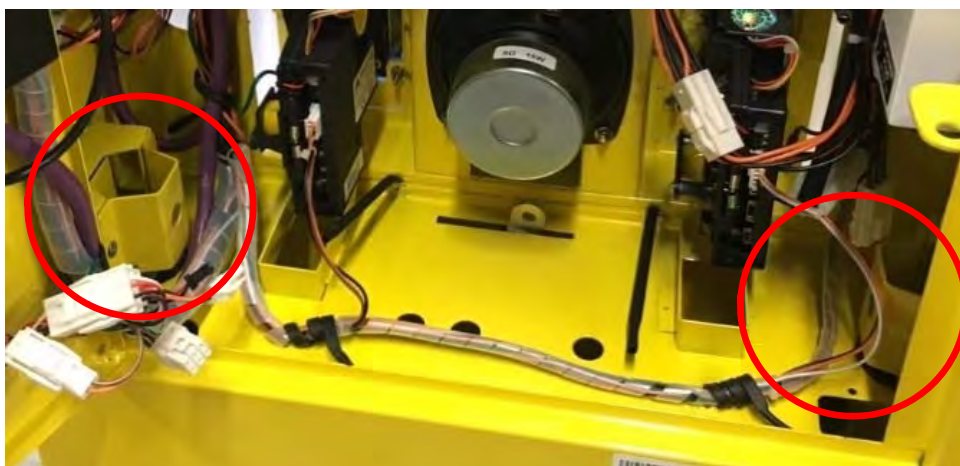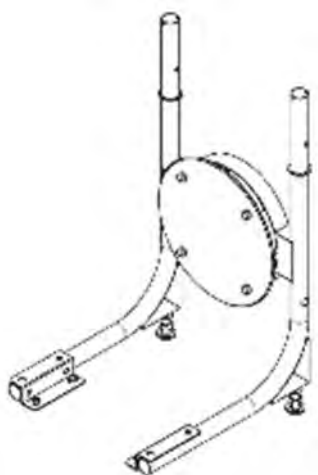
Press cabinet down until it hits the stopper.

Quick Installation Guide

7. **Power Supply.** Locate the A/C Power Plug inside the cabinet to the right side. Temporarily loosen the silver bracket at its base to plug the cord into to the internal A/C Power Plug box. Temporarily remove the small yellow faceplate from the underside of the cabinet. Feed the power cord through the bottom of the cabinet and plug into the wall. Reaffix the bracket and plate.

8. **Install Ticket Box.** Use two C-clamps (curved white metal brackets) to hold the ticket box around the poles, affix the two clamps from inside the box. Affix the outer corner bracket that connects the ticket box to the leg pole and gently tighten. Carefully feed the connection wires through the hole at the back of the ticket box (may need finessing). Connect all the wires and fill with tickets.

Ticket Box

Ticket Dispenser

Ticket Stacker

C-CLAMPS

CORNER BRACKET
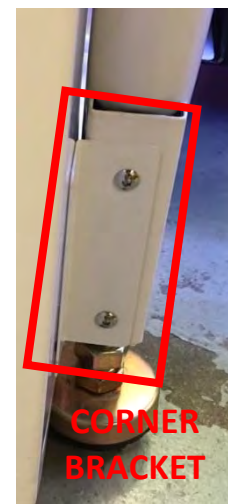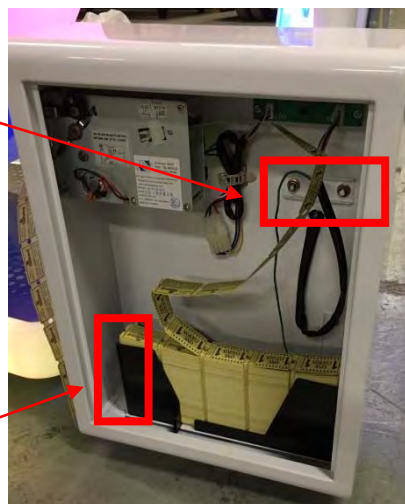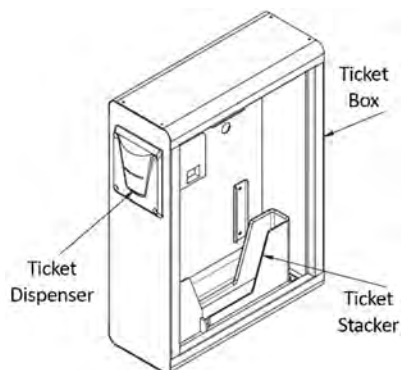
9. **Install Marquee Topper.** Unwrap the marquee topper and peel off the protective cover. Open the back panel door of the marquee. Attach white marquee bracket and secure onto the cabinet with four cross round-head screws [M6].

   *Note:* Two of the four screws are used to attach the marquee bracket onto the back of the marquee.
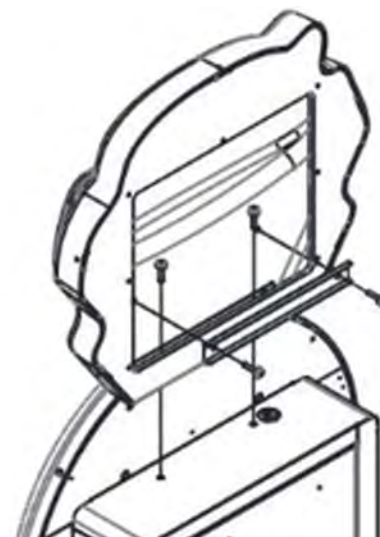
Quick Installation Guide

10. Open the back panel of the cabinet. Feed the connectors for the marquee topper up through the top of the cabinet. Similarly, pull the connector wires down through the hole from inside the marquee.
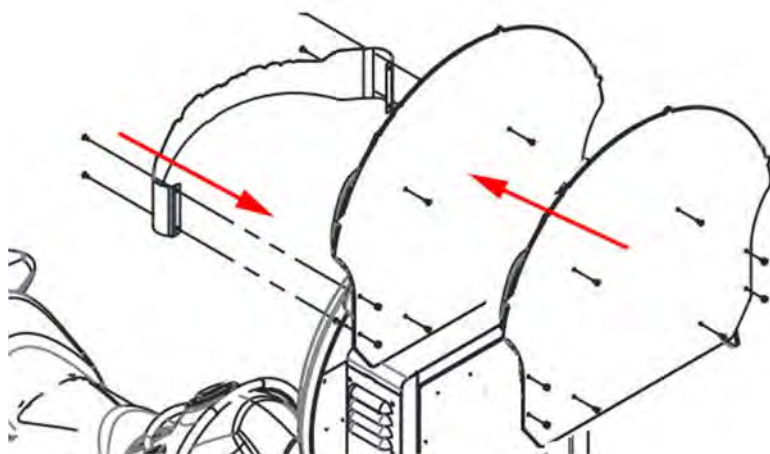
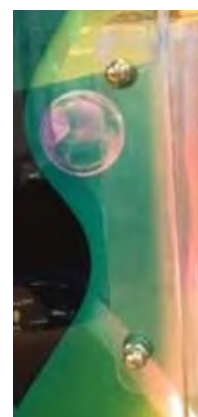   Attach the two connectors through their respective holes.

11. **Install Marquee Topper Cover**. Cover the marquee topper with the door and secure with seven (x7) allen countersunk-head screws [M4].
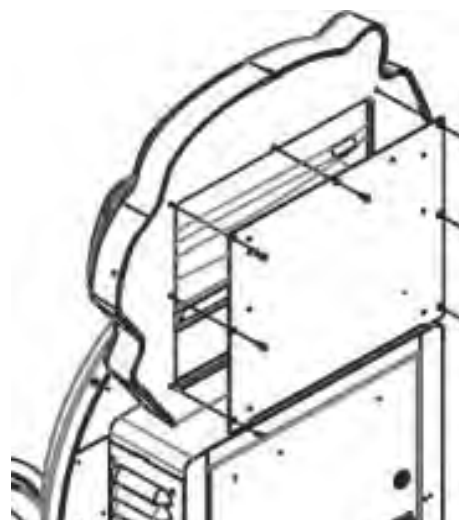
12. **Secure the Machine Name Board and "Let's Play with Dolphins" Signs** onto the cabinet with four (x4) allen flat-head screws [M4] and 4 cap nuts [M4], respectively.

FRONT   BACK

Quick Installation Guide

13. Attach the Decorative Star by unscrewing the silver-capped screw. Once removed, place plastic washers in between the caps; affix the star with the existing screws.

14. Plug the machine into an outlet and turn the power switch to the "on" position (it's located at the bottom of the A/C Power Plug inside the cabinet).

Please be patient; it may take a few minutes for the game demo mode to load and LEDs to activate inside the machine (light up base and dolphin).

*Note: For a stand-alone version of this Quick Installation Guide, visit www.BarronGames.com (specifically http://barrongames.com/product/games/kiddie-rides/dolphin-star)

For a more detailed instruction on each subassembly, see Troubleshooting section.

Assembly – Step ⓒ   (Place or Locate Prints & Stickers)

DS-P0009E
1. 7. IG25A00130

DS-P0006E
1. 7. IG25A00100

DS-P0007E
1. 7. IG25A00110

DS-P0005E
1. 7. IG25A00090

DS-P0011E
1. 7. IG25A00150

JUMP
L   R

DS-P0012E
1. 7. IG25A00160

DS-P0008E
1. 7. IG25A00120

DS-P0003E
1. 7. IG25A00070

DS-P0013E
1. 7. IG25B00160

DS-P0002E
1. 8. IG25A120

DS-P0004E
1. 7. IG25A00080

DS-P0010E
1. 7. IG25A00140

DS-P0001E   1. 1. IG25A00130

Assembly – Step ⒞   (Place or Locate Prints & Stickers)

AC POWER PLUG AC 220V / 5A
AC POWER PLUG AC 110V / 8A

COUNTER

SOUND

SELECT ▼

TEST ▼

SERVICE / ENTER

DS-P0015E
1. 7. IG25A00180

WHAP TECH
Name	DOLPHIN STAR
Voltage	AC220V 50HZ /60HZ
Power	150 W
Weight	95 kg

Manufacturer: Guangzhou Wahap Technology Limited
Address: NO.55, Industrial Road, Zhuatian Village,
Dakong Street, Panyu, Guangzhou, China
Service Hotline: +86-20-39226222   400-697-6222
MADE IN CHINA
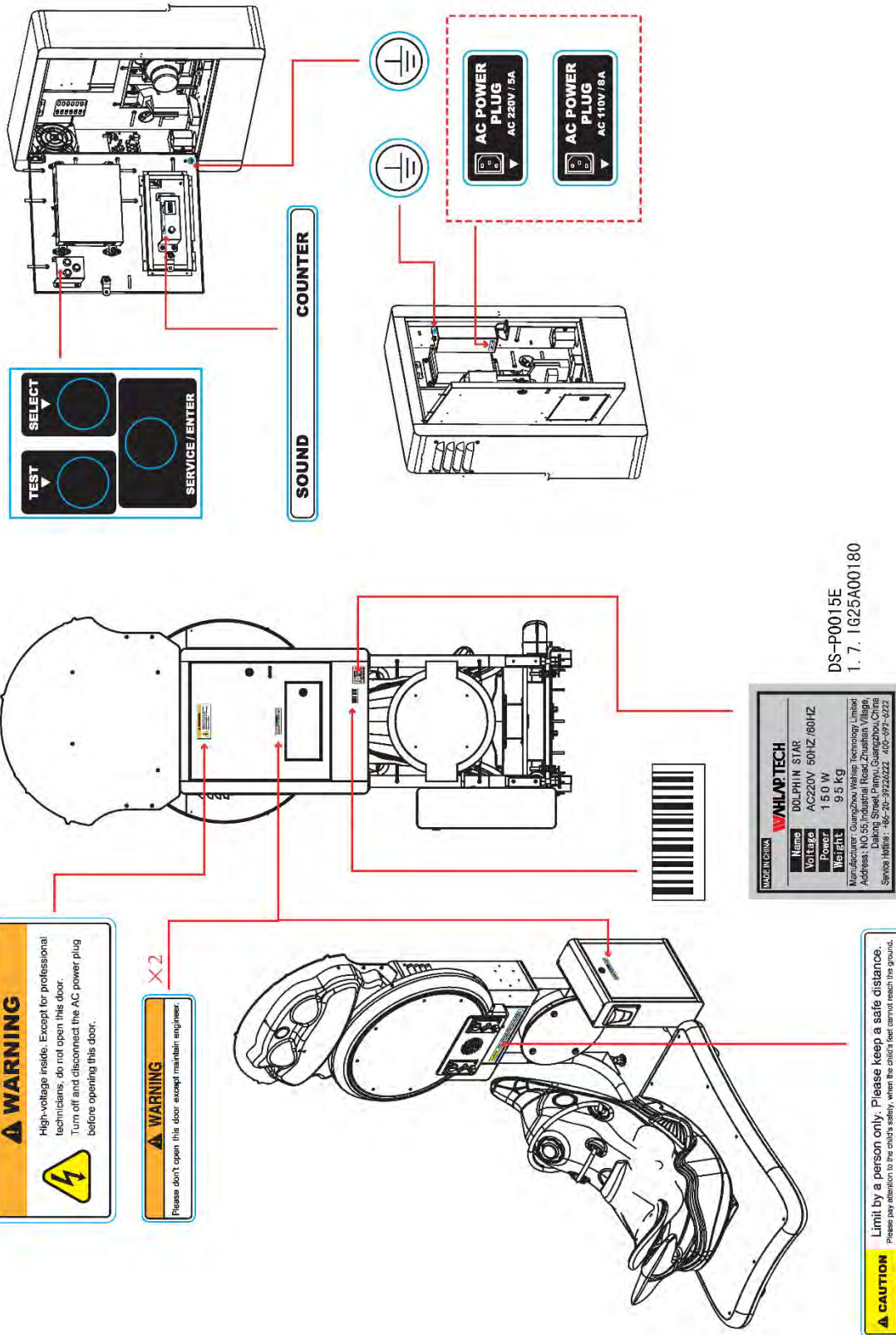
⚠ **WARNING**
High-voltage inside. Except for professional technicians, do not open this door. Turn off and disconnect the AC power plug before opening this door.

×2

⚠ **WARNING**
Please don't open this door except maintain engineer.

⚠ **CAUTION**
Limit by a person only. Please keep a safe distance.
Please pay attention to the child's safety, when the child's feet cannot reach the ground.

Dolphin Star
Complete Instruction Manual

Assembly – Step Ⓓ   (Operator Settings)

Framework of the Menu

Hardware Test
Hardware Auto Test
I/O Test
Motor Test
Lamp Test
Speaker Test
Screen Test
Counter Test
Ticket Machine Test

I/O Test
Coin
Test
Select
Service / Enter
Rein Left
Rein Right
Confirm /Act

Flow Time Settings
Coin Voice Prompts
Player Select
Area Select
Each Game Time
Boss Battle Time
Continue Time
Aditional Time on Item

Operator Settings
Hardware Test
Game Settings
Income Data

Game Settings
Flow Time Settings
Coin Settings
Volume Settings
Lamp Settings
Ticket Machine Settings
Weight Limit Settings
Time Settings
Password Settings
Restore Default Settings
Reset Ranking

Coin Settings
Free Play
Start Game
Continue Game

Income Data
Daily Income
Monthly Income
Total Income
Reset Income Data

Ticket Machine Settings
Ticket(s) Provided

Assembly – Step ❻ (Operator Settings)

Game Settings			Default
Flow Settings	**[Coin voice prompts]** 5, 10, 15 seconds		10 seconds
	[Player select] 0: off, 5, 10, 15, 20 seconds		15 seconds
	[Area elect] 0: off, 5, 10, 15, 20 seconds		10 seconds
	[Each game time] 1, 2, 3, 4 min.; 0, 5, 10, ~55 seconds		1 min 50 sec
	[Boss battle time] 10, 15, 20, ~60 seconds		40 seconds
	[Continue time] 0: off, 5, 10, 15, 20 seconds		15 seconds
	[Additional time on item] 0: off, 1, 2, ~10 seconds		3 seconds
Coin Settings	**[Free play]** Off, On		OFF
	[Start game] 1, 2, 3, ~9 coin(s)		2 coins
	[Continue] 1, 2, 3, ~9 coin(s)		2 coins
Volume Settings	**[Daytime start]** On the hour 8 : 00		8:00
	[Master volume] 00, 10, 20, ~100%		100%
	[Evening start] On the hour 20 : 00		20:00
	[Master volume] On, Off, ~100%		60%
	[Idle Volume] On, Off		ON
	[Speech] English & Chinese or English Only		EN + CH
Lamp Settings	**Daytime lamp settings**	**[Daytime start]** On the hour 8: 00	8:00
		[Screen lamp] Off, On	On
		[Dolphinbody lamp] Off, On	On
		[Base lamp] Off, On	On
	Evening lamp settings	**[Evening start]** On the hour 20:00	20:00
		[Screen lamp] Off, On	ON
		[Dolphinbody lamp] Off, On	ON
		[Base lamp] Off, On	On
Ticket Machine Settings	**[Ticket(s) provided]** 0, 1, 2, -15 Ticket(s)		0 Ticket(s)
Weight Limit Settings	**[Weight limit]** 50, 60, -90 KG		50KG
Time Settings	**Set local time** year/month/day/hour/minute		Ex-factory date
Password Settings	**[Password change]** ->Enter old password -> Enter new password -> New password confirm		000000
Restore Default Settings	**[Restore default Settings]** Yes / No		
Reset Rank	**[Reset ranking]** Yes / No		

Assembly – Step ❸ (Operator Settings)

Using the Operator Settings	**Key** *Green* = Page Option *Red* = Button to Click

❶ | **Make sure the unit is turned on and the game is displayed on the screen**. Open the interior parts door and press the *[TEST]* button to enter the password page; the screen will display:


*Please note the labels on the buttons. Your model may vary.
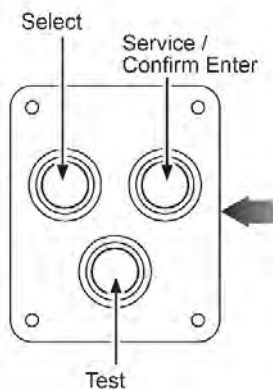
Enter the password page and follow the on screen and manual instructions:

❷ | On the *[Enter Password] page*, press the *[Service/Enter] button* and use the *[Select] button* to change the number. Use the *[Service/Enter] button* to confirm the next number and select the next number. **Default password is 000000.**

❸ | After the password is correct, you will be able to enter the *[Operator Settings] page* and the screen will display as depicted below:
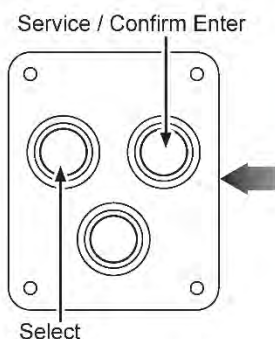
❹ | Use the *[Select] button* to move the cursor and the item selected will appear in RED.

❺ | Use the *[Service/Enter] button* to confirm or enter the sub-menu.

❻ | After setup or testing is completed, return to *[Operator Settings] page* and move the cursor to *[Exit]*. Then, press the *[Service/Enter] button* to return to the game.

Assembly – Step ❸ (Operator Settings)

Hardware Test

❶	You can enter the option *[Hardware Test] page* to test if all hardware is functioning normal or not. Enter *[Operator Settings]* -> *[Hardware Test]* and the screen will display as below:
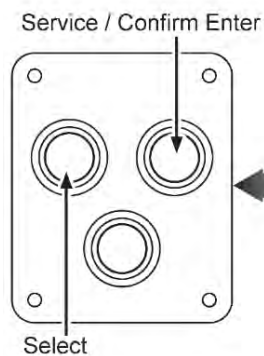
❷	Use the *[Select] button* to move the cursor; each item will turn RED when it is selected.
❸	After the testing is conducted, move the cursor to *[Exit]*, then press the *[Service/Enter] button* to leave this page and return to the *[Operator Settings]*.
❹	Regarding detailed descriptions of the submenu in *[Hardware Test]*, refer below:

Hardware Auto Test

On the *[Hardware Auto Test] page*, the motor and the LED lamp will be auto testing, to determine whether or not all the hardware is functioning correctly. To perform this diagnostic:

❶	Enter *[Operator Settings]* -> *[Hardware Test]* and the display should look like the attached
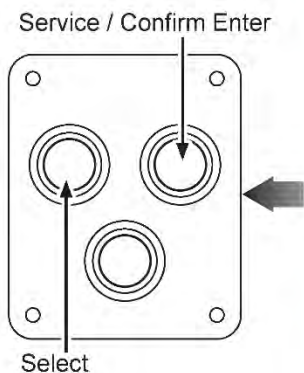
Assembly – Step ❸ (Operator Settings)

❷ Enter *[Hardware Auto Test]*, you can test a specific application as explained in the accompanying chart:

Application	Testing Method	Results	
Coin	Insert Coin(s)	OFF became ON	**Coin has been inserted**
Test	Press the Button	OFF became ON	
Select	Press the Button	OFF became ON	
Service / Enter Button	Press the Button	OFF became ON	
Rein Left	Pull the Rein Left	OFF became ON	
Rein Right	Pull the Rein Right	OFF became ON	
Confirm / Act	Press the Button	OFF became ON	
Motor	Auto Test	The dolphin body moves correctly.	
Lamp	Auto Test	RGB Appear Right	

❸ After test is completed, press the *[Select]* and *[Service/Enter] buttons* together to return to the *[Hardware Test]*.

I/O Test

On the *[I/O Test] page*, you can test a specific application to see if it is performing normally or malfunctioning. Well-sensed devices will be shown with a corresponding "ON." To perform this diagnostic:

❶ Enter *[Operator Settings] -> [Hardware Test] -> [I/O Test]* and the display should look like this:

❷ Enter *[I/O Test]*, you can test a specific application as explained in the accompanying chart.

Application	Testing Method	Results	
Coin	Insert Coin(s)	OFF became ON	**Coin has been inserted**
Test	Press the Button	OFF became ON	
Select	Press the Button	OFF became ON	
Service / Enter Button	Press the Button	OFF became ON	
Rein Left	Pull the Rein Left	OFF became ON	
Rein Right	Pull the Rein Right	OFF became ON	
Confirm / Act	Press the Button	OFF became ON	

❸ After test is complete, press the *[Select]* and *[Service/Enter] buttons* together to return to the *[Hardware Test]*.

Assembly – Step ❻ (Operator Settings)

Motor Test

This test allows you to test the swing motor function.

❶ Enter *[Operator Settings]* -> *[Hardware Test]* -> *[Motor Test]* and the display should look like this:

❷ Enter *[I/O Test]*, you can test a specific application as explained in the accompanying chart.

Application	Testing Method	Results	
Coin	Insert Coin(s)	OFF became ON	**Coin has been inserted**
Test	Press the Button	OFF became ON	
Select	Press the Button	OFF became ON	
Service / Enter Button	Press the Button	OFF became ON	
Rein Left	Pull the Rein Left	OFF became ON	
Rein Right	Pull the Rein Right	OFF became ON	
Confirm / Act	Press the Button	OFF became ON	

❸ During testing, you may press the [Service/Enter] button again to stop the test.

Lamp Test

This test allows you to test the lamp work in function.

❶ Enter *[Operator Settings]* -> *[Hardware Test]* -> *[Lamp Test]* and the display should look like this:
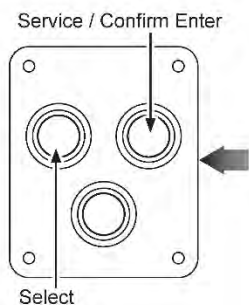
Assembly – Step ❺ (Operator Settings)

❷	When the lamp test starts: the screen, interactive lamp, dolphin body, and base will cycle through three colors of RGB light. The order is Red -> Green -> Blue.
❸	When the test is operating, you can press the [Service/Enter] button again to stop the test.

Speaker Test

This test allows you to test the speaker function.

❶	Enter *[Operator Settings]* -> *[Hardware Test]* -> *[Speaker Test]* and press [Service/Enter] button to start the test. The display should look like this:
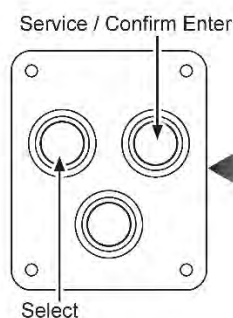
❷	When the speaker is being tested, it will produce a continuous sound.
❸	When the test is operating, you can press the *[Service/Enter] button* again to stop the test.

Screen Test

On the *[Screen Test] page*, you can test whether if the white balance, color level, and lattice are correctly functioning.

❶	Enter *[Operator Settings]* -> *[Hardware Test]* -> *[Screen Test]*
❷	After you enter the page of *[Screen Test]*, the system will process the test and the following six pictures will be displayed for you to adjust the white balance, color level, and lattice.
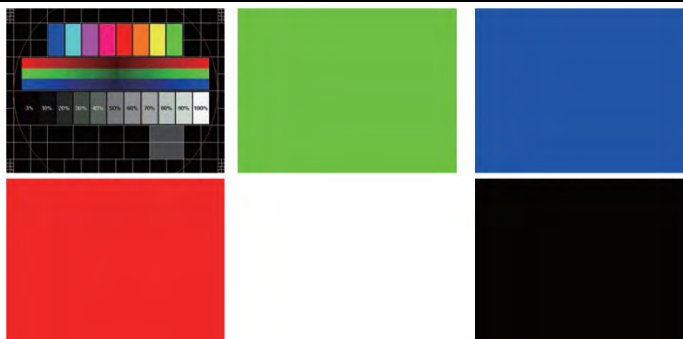
❸	On the *[Screen Test] page*, press the *[Service/Enter] button* to change the displayed picture. After the testing is completed, leave this page and return to the *[Hardware Test]*.

Assembly – Step ❸   (Operator Settings)

Counter Test

On the *[Counter Test] page*, you can test whether or not the counter is correctly functioning.

❶	Enter *[Operator Settings]* -> *[Hardware Test]* -> *[Counter Test]* and the display should look like this:
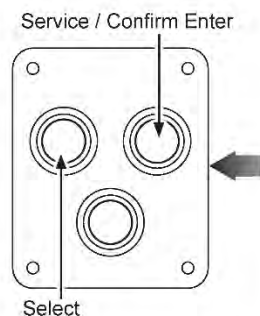
❷	After entering the *[Counter Test] page*, insert coins into the coin slot. The number on the right of the screen will increase as more coins are inserted. Also, the counter inside the coin mechanism will indicate the number also.
❸	After testing is completed, press the *[Service/Enter] button* to return to *[Hardware Test]*.

Ticket Machine Test

On the *[Ticket Machine Test] page*, you can test whether or not the ticket machine is correctly functioning.

❶	Enter *[Operator Settings]* -> *[Hardware Test]* -> *[Test]* and the display should look like this:
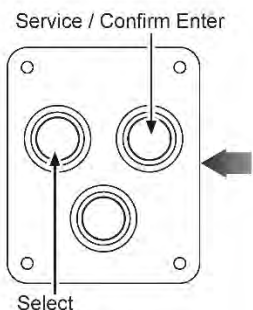
❷	Press the *[Service/Enter] button* to start the test.
❸	When the test is complete, move the cursor to the *[Exit] option* and press the *[Select/Enter] button* to return to the *[Hardware Test] page*. **Note:** This test is only available on machines that have the ticket mechanism(s) installed.

Assembly – Step ❸   (Operator Settings)

Using the Game Settings	**Key** *Green* = Page Option *Red* = Button to Click

On the *[Game Settings] page*, you can configure all related features of the game.

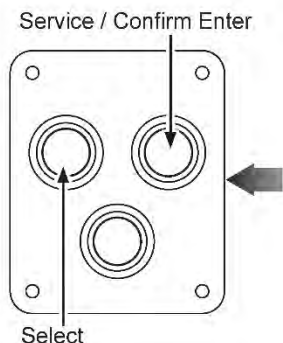❶ | Enter *[Operator Settings]* -> *[Game Settings]* and the screen display will look like this:
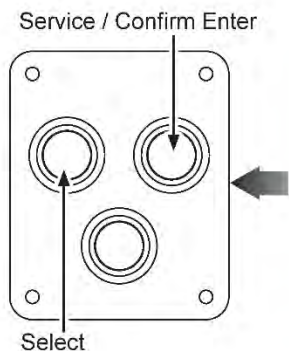
❷ | Use the *[Select] button* to move the cursor and the item highlighted in **RED** is the selected item.

❸ | Use the *[Service/Enter] button* to confirm or enter a sub-menu.

❹ | After setup is completed, return to **[Game Settings]** and move the cursor to *[Exit]*, then press the *[Service/Enter] button* to return to the *[Operator Settings]*.

❺ | For detailed descriptions of the submenus within *[Game Settings]*, refer to the content below.

Flow Settings

On the *[Flow Settings] page*, you can configure the length of the duration of each process.

❶ | Enter *[Operator Settings]* -> *[Game Settings]* -> *[Flow Settings]* and the screen display will look like this:
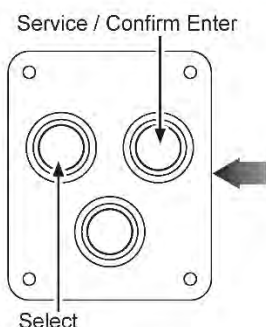
❷ | Use the *[Select] button* to move the cursor and the item highlighted in **RED** is the selected item. Use the *[Service/Enter] button* to confirm or enter a sub-menu.

❸ | When done, move the cursor to *[Exit]* and return to the *[Game Settings] page*.
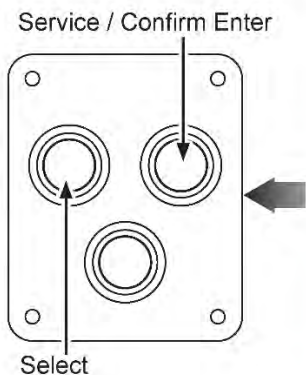
Assembly – Step ❸ (Operator Settings)

Coin Settings

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

| ❶ | Enter *[Operator Settings]* -> *[Game Settings]* -> *[Coin Settings]* and the screen display will look like this: |

| ❷ | Use the *[Select] button* to choose the menu item and press the *[Service/Enter] button* to start setup. |
| ❸ | When done, move the cursor to *[Exit]* and return to the *[Game Settings] page*. |

Volume Settings

On the *[Volume Settings] page*, you can determine the start of "daytime" and "evening" and the corresponding volume, respectively.

| ❶ | Enter *[Operator Settings]* -> *[Game Settings]* -> *[Volume Settings]* and this screen display will appear: |

| ❷ | Use the *[Select] button* to choose the menu item and press the *[Service/Enter] button* to start setup. |
| ❸ | When done, move the cursor to *[Exit]* and return to the *[Game Settings] page*. |
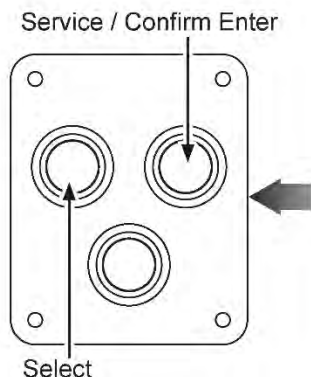
Assembly – Step ❺ (Operator Settings)

Lamp Settings

From the *[Lamp Settings] page*, configure the start time of daytime/evening and the lamp settings for each.

❶	Enter *[Operator Settings]* -> *[Game Settings]* -> *[Lamp Settings]* and the screen will display as below:
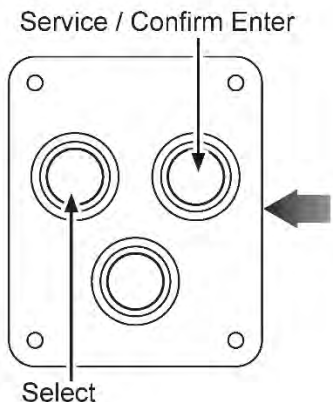
❷	Use the *[Select] button* to choose an item.

❸	Then press the *[Service/Enter] button* to enter the *[Daytime(Evening) Lamp Settings] page*.
❹	Use the *[Select] button* to choose each menu option.
❺	When the setting is complete, move the cursor to *[Exit]* to leave the page.

Assembly – Step ❸   (Operator Settings)

Ticket Machine Settings

On the *[Ticket Machine Settings] page*, you can configure how many tickets are provided each game.

❶   Enter *[Operator Settings]* -> *[Game Settings]* -> *[Ticket Machine Settings]* and the screen will display:
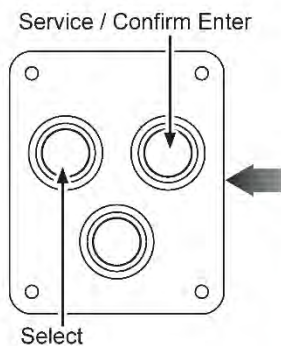
❷   Press the *[Service/Enter] button* and use the *[Select] button* to choose number of tickets to be dispensed.

❸   When finished, move the cursor to *[Exit]* and return to the *[Game Settings] page*.

Weight Limit Settings

On the *[Weight Limit Settings] page*, you can set the weight limit warning that shows in game.

❶   Enter *[Operator Settings]* -> *[Game Settings]* -> *[Weight Limit Settings]* and the screen will display:
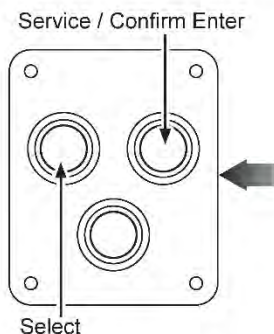
❷   Press *[Service/Enter]* and use the *[Select] button* function to choose the items to be adjusted.

❸   When finished, move the cursor to *[Exit]* and return to the **[Game Settings] page**.

Assembly – Step ❸   (Operator Settings)

Time Settings

On the *[Time Settings] page*, you can set the local time.

❶   Enter the *[Operator Settings] page* -> *[Game Settings]* -> *[Time Settings]* and the screen will display:
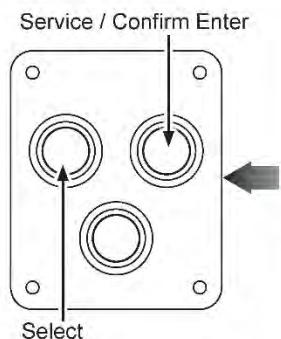
❷   Press *[Service/Enter]* and use the *[Select] button* function to choose the items to be adjusted.

❸   When finished, move the cursor to *[Exit]* and return to the **[Game Settings] page**.

Password Settings

On the *[Password Settings] page*, you can update the password for entering the operation settings.

❶   Enter *[Operator Settings]* -> *[Game Settings]* -> *[Password Settings]* and the screen will display:
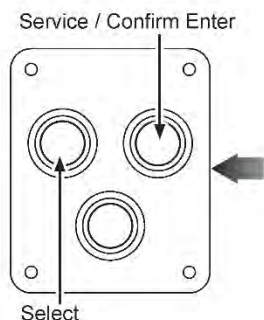
❷   Press the *[Service/Enter] button* to confirm.

❸   When changing the password, you must first enter the OLD password first. After the old password is confirmed, enter the new password twice. (**Note**: Default password is 000000)

❹   After the new password is confirmed, your password is changed and you may use your new password to enter the operator settings next time.

❺   Move the cursor to *[Exit]* and press the *[Service/Enter] button* to return to the *[Game Settings] page*.

Assembly – Step ❸   (Operator Settings)

Restore Default Settings

You can reset the game settings to the factory default settings, by using the *[Restore Default Settings]* option.

❶   Enter *[Operator Settings]* -> *[Game Settings]* -> *[Restore Default Settings]* and the screen will display:
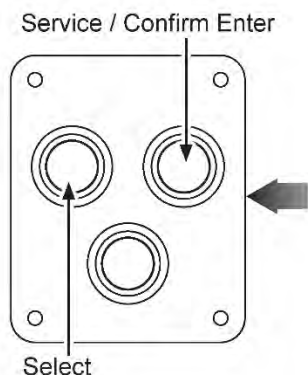
❷   Use the *[Select] button* function to choose the *[Yes]* or *[No]* options.

❸   When *[Yes]* is selected, press the *[Service/Enter] button* to reset the data.

Reset Ranking

Using the *[Reset Ranking]* option, you can reset the rankings in the game.

❶   Enter *[Operator Settings]* -> *[Game Settings]* -> *[Reset Ranking]* and the screen will display:
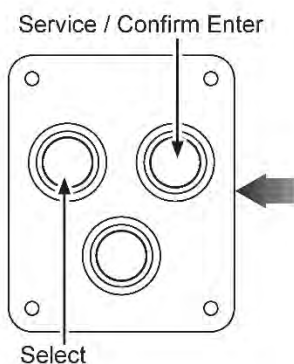
❷   Use the *[Select] button* function to choose the *[Yes]* or *[No]* options.

❸   When *[Yes]* is selected, press the *[Service/Enter] button* to reset the data.

❹   When *[No]* is selected, the screen will automatically redirect you to the *[Game Settings] page*.

Assembly – Step ❺   (Operator Settings)

# Income Data	**Key** *Green* = Page Option *Red* = Button to Click

On the *[Income Data] page*, you can check the daily, monthly, and total revenue.

❶   Enter *[Operator Settings]* -> *[Income Data]* and the screen will display as below:
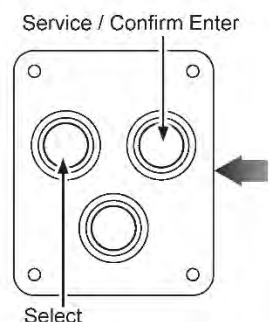
❷   Use the *[Select] button* to move the cursor and the item highlighted in **RED** is the selected item.

❸   Use the *[Service/Enter] button* to confirm or enter a sub-menu.

❹   After setup is complete, return to the *[Game Settings]* page and move the cursor to *[Exit]*. Then, press the *[Service/Enter] button* to return to the *[Operator Settings]* page.

❺   For detailed descriptions of the submenus within *[Game Settings]*, refer to the content below.

Daily Income

On the *[Daily Income] page*, you can check the daily revenue of each unit.

❶   Enter *[Operator Settings]* -> *[Income Data]* -> *[Daily Income]* and the screen will display as below:

| Item	Description
Data	Date of Data
Coin(s)	Total # coins inserted that day
Total Game	Total # games played that day
New Game	Total # new games played that day
Continued	Total # continued games that day
Service	Total time of service use that day
Current Coin(s)	Action # of coins counted that day
Total Time	Entire time unit is on that day
Idle Time	Duration of idle time that day
Avg. Game	Average play time that day Formula: (total time – idle time)/total games

❷   Press the *[Service/Enter] button* to return to the *[Income Data] page*.

Assembly – Step ❸ (Operator Settings)

Income Data Reset

On the *[Income Data Reset] page*, you can delete the data of daily and monthly income.

❶	Enter *[Operator Settings]* -> *[Income Data]* -> *[Income Data Reset]* and the screen will display as below:
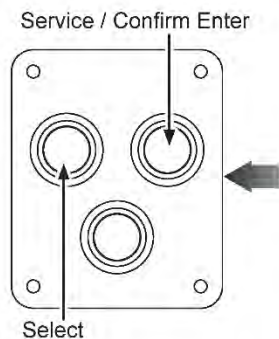
❷	Use the *[Select] button* function to choose the *[Yes]* or *[No]* options.
❸	When *[Yes]* is selected, press the *[Service/Enter] button* to reset the data.
❹	When complete, an icon that says [Completed] will pop up. Then, press the *[Service/Enter] button* to return to the *[Income Data] page*.
❺	When *[No]* is selected, the screen will automatically redirect you to the *[Income Data] page*. ***Note:** This function cannot delete the data of **[Total Income]**.

Operating the Game

An Overview of the Game

Dolphin Star is a unique and distinctive children's ride and interactive video game. It consists of two stages: starfish collection and the boss battle.

- In the first stage, the player controls the dolphin, steering with the reins, to collect starfish in an open setting.

- In the second stage, the user opens fire to attack the cute boss.

The game encompasses rich content, numerous scenes and tools, vocabulary learning, a beautiful cabinet design, various lighting effects and ride motion that captures the riders attention and gives them a memorable experience.

Distinctive Play Modes and How to Play

1. Insert payment and sit on the dolphin saddle.

2. Using the reins to select left or right, *choose a dolphin to play and an area to swim*.

3. To complete your selection after highlighting the option with the reins, press the button on the top of the dolphin head to move to the next step.

Operating the Game

■ Stage one: open world

1 Pull the reins Left / Right to turn your dolphin.

2 Pull the reins together to make your dolphin to jump.

3 Press the button to make your dolphin to perform.

■ Stage two : Boss battle

1 Press the button to shoot.

Operating the Game

■ Stage one

Time counter

Tools categories and remaining time

Player icon

Pobby

163

Additional time

BONUS TIME
+3 sec

STINGRAY

English word

Number of stars and magic level of player

76

Credits

CREDITS 00 / 03

■ Stage two

Time counter

Special bullet categories and remaining time

Player icon

Pobby

31

Additional time

BONUS TIME
+18 sec

Credits

CREDITS 00 / 03

After Installing the Game

1. Check the voltage regularly to avoid a short circuit or potential fire. Do not overload the circuit.

2. Keep the power cord out of areas with busy foot traffic to ensure the safety of users and the machine.

3. Keep children away from all power sources and power supply units. Children should always be under adult supervision while using the machine.

4. Regular maintenance should be performed on the machine to ensure that it is clean, smooth, and debris-free (see section "Care and Maintenance").

5. Do not use any sharp instruments on any part of the machine as it may cause irreparable damage.

6. Remove and replace any piece or part that becomes damaged.

7. Turn off the game and have it inspected by an electrician or service technician if it is operating abnormally.

8. Contact an electrician or service technician if your product experiences the following:
   - Power Failure
   - Liquid or Objects Found Near/Inside Electronic Components
   - Abnormal Sounds Coming from the Cabinet

9. Use caution while transporting.

10. Do not use outdoors or in damp areas.

Care and Maintenance

1. Always connect the machine to a grounded electrical outlet. **Be sure to always turn off the power before servicing the machine.**

2. Always turn OFF the power and unplug the power supply to the game before opening or replacing any parts. When unplugging the machine from an electrical outlet, grasp the plug, not the cord.

3. **Caution:** Always use digital multimeter, logic tester, or oscilloscope for testing integrated circuits. Do not connect or disconnect any of the integrated circuits while the machine is ON. Do not install any fuse that does not meet the specified rating.

4. Use a soft cloth and product-specific polishing spray to clean the cabinet and play surface. Household window cleaner may be used to clean the top of the game (glass surface). Do not apply cleaner or any other liquid directly onto the machine, instead, apply it to the cloth and then wipe the surface. We've found that a microfiber cloth works great to remove dirt and fingerprints with ease.

5. Periodically check the functionality of the coin mechanisms and empty coin boxes. If applicable, check the functionality of the ticket dispensers and restock.

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

   a. Exterior Inspection
      - Check warning labels are coming off or are dirty and unrecognizable
      - Check if the light board is fastened or not
      - Clean the coin slot machine
      - Check each plug for frays or damage

   b. Check the parts
      - Check if speakers are normally producing sound
      - Check if LED lights and buttons are normally functioning
      - Check to see if the display is clear of debris

Troubleshooting

Having trouble assembling your new game?

Call our experts in the Parts and Service Department (1+716-866-0054) or email
Service@BarronGames.com and we will be happy to assist you!

The rein and button fail to work:

– Check the I/O board connection loose or not
– Enter: Operator settings → Hardware test → I/O test to run the testing
– If no testing results are shown, contact your local distributor

The speakers are not working properly:

– Open the maintenance door and check if the master volume is adjusted to its minimum value
– Enter: Operator settings → Game settings → Volume settings to check the volume settings
– Check if the plugs between the power amplifier and cabinet are corrupted
– If no testing results are shown, contact your local distributor.

The screen appears blank after the power is on:

– Check if the plugs between the cabinet and screen are well connected and whether D-sub connectors on both sides are functional.
– Check if the cabinet is plugged into the port of the video card.
– If this problem persists, contact your local distributor.

If any of the above mentioned problems is unsolvable, contact your local distributor.

Lamp Test - Standard Operating Procedure

1. Open the green cloth cover from the back of dolphins

2. Unscrew the screws under the green cloth cover and the bottom of dolphin then take off the plastic cover.

Lamp Test - Standard Operating Procedure

3. Please check all the below connectors if well connected. **Please check that all connectors are pressed firmly together and double check the lamp bulb (see photos below), it may be burned out.**
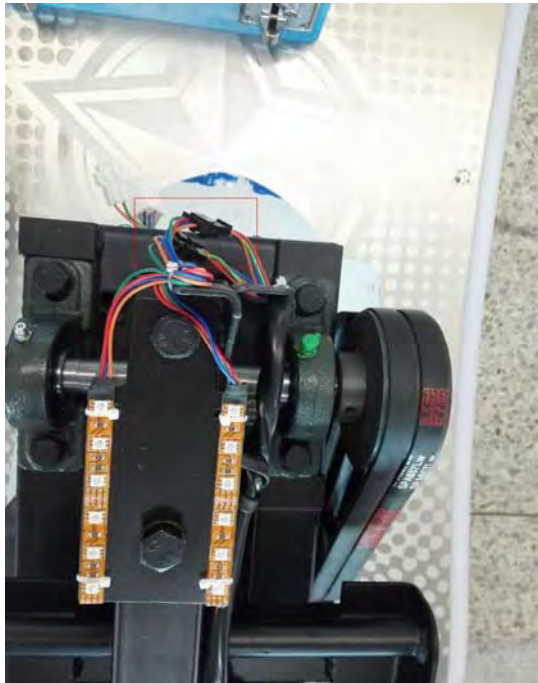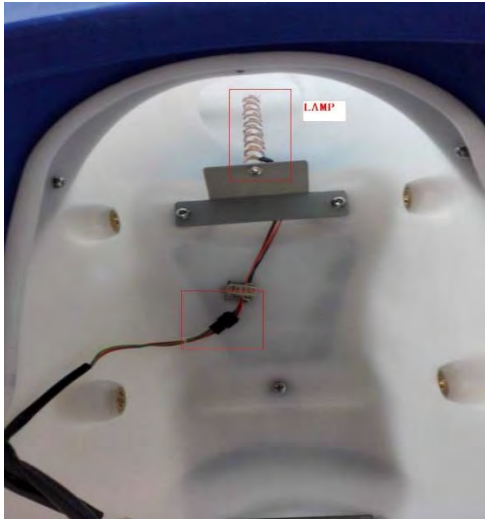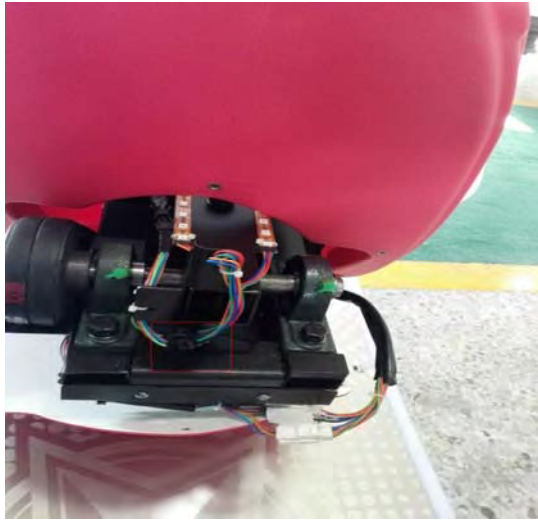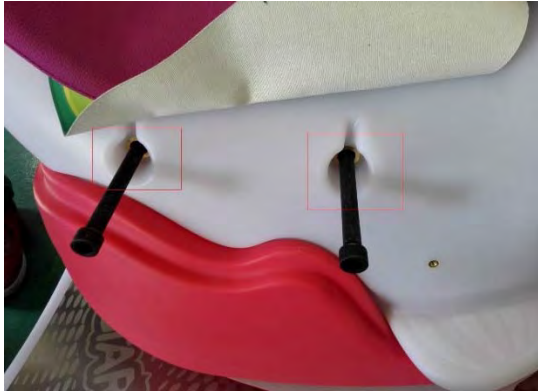
Replacing Parts
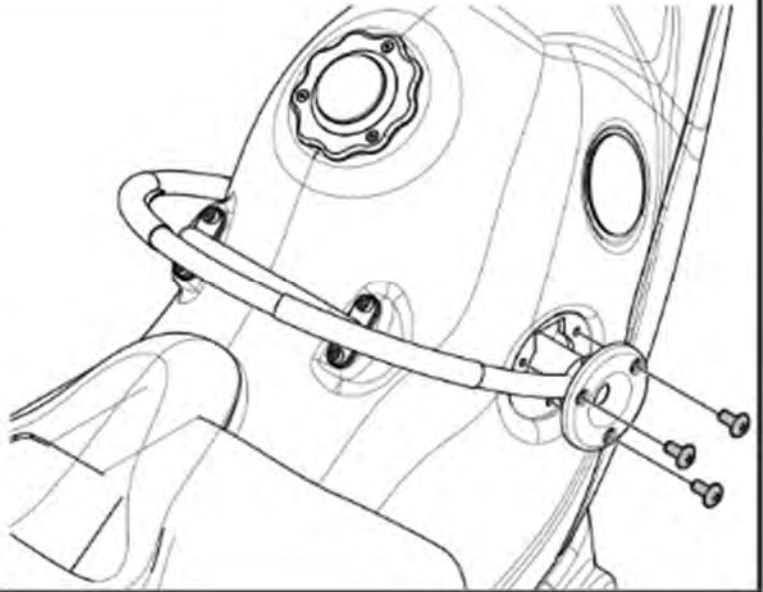
Replacing the Rein Sensor

1 Remove the cover screws on the right side of the rein, carefully put it out.

2 Remove the sensor board for repair or replace the rein sensor.
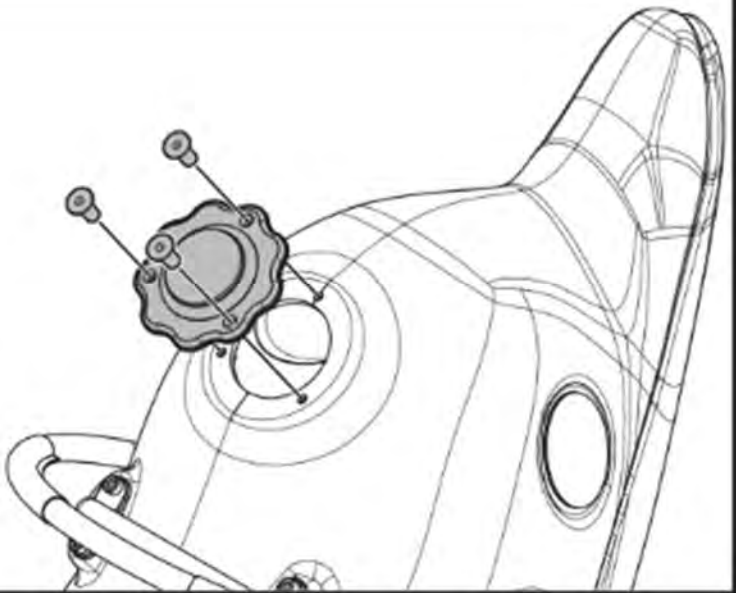
Replacing the Confirm/Action Button

1 Remove the screws, and then remove the button.

2 Remove the screws, and then repair or replace the button.
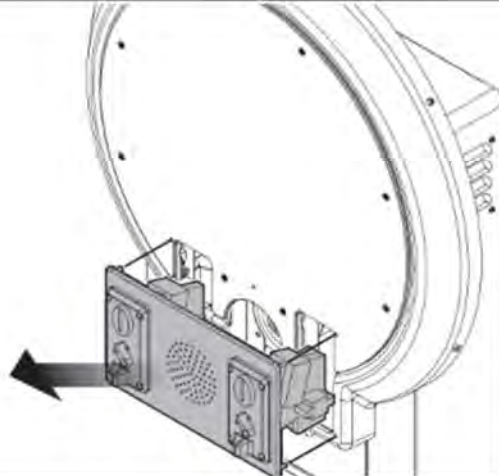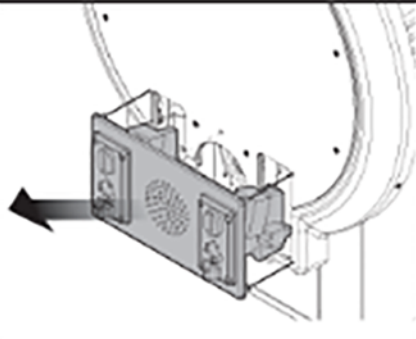
Replacing Parts

Replacing the Coin Slot

1 Use the controlling panel key to open the maintains door, remove the nuts on the coin slot.
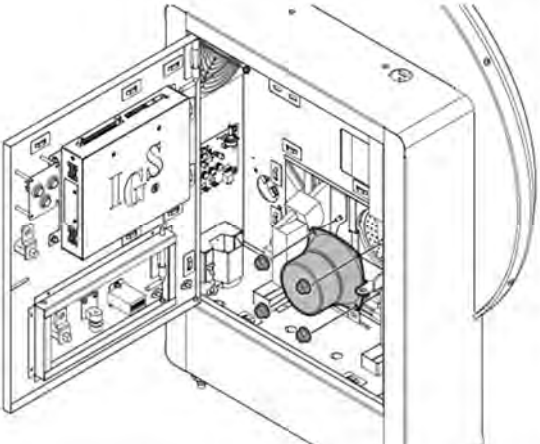
2 Remove the sheet metal fixed on the coin slot. Remove the nuts on the coin slot. Remove the coin slot to repair or replace the coin slot.
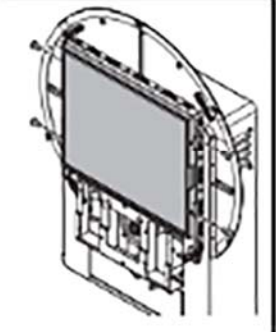
Replacing the Speaker
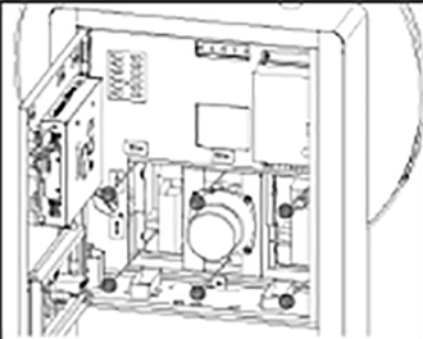
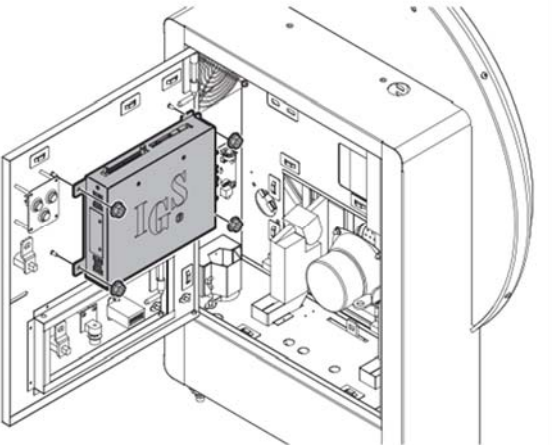**1** Use the controlling panel key to open the maintains door, remove the nuts on the speaker.

2 Remove the speaker to repair or replace the speaker. When done, reassemble the parts according to the reversed assembly.
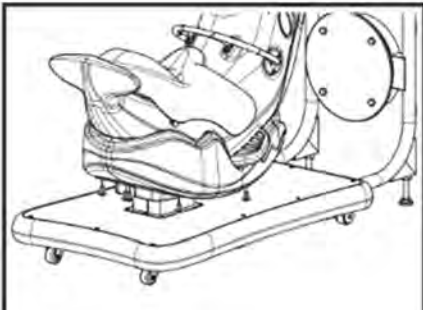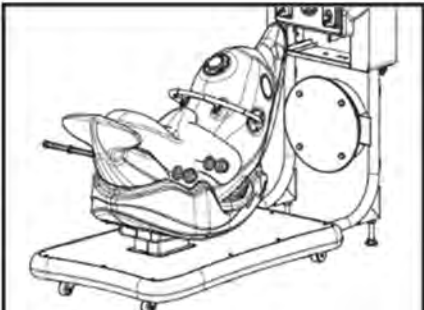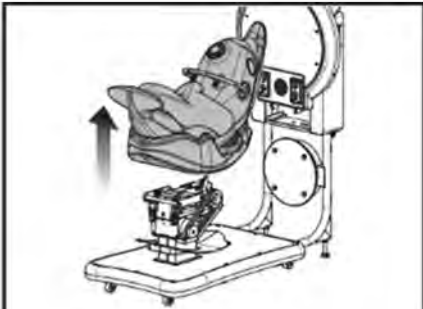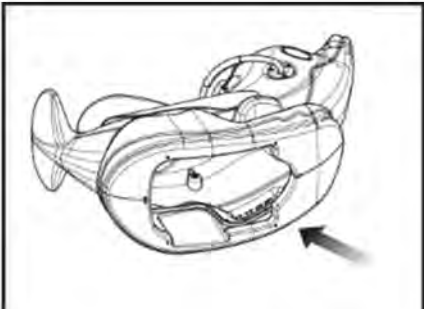
Replacing Parts

Replacing the Screen and the LED

1 Use the control panel key to open the cabinet door, remove the nuts on the sheet metal.

2 Remove the sheet metal fixed on the coin slot

3 Remove the nuts on the plastic cover.

4 Remove the LED board screws to repair or replace the LED board.

5 Remove the screen screw to repair or replace the screen.

Replacing the Main Board
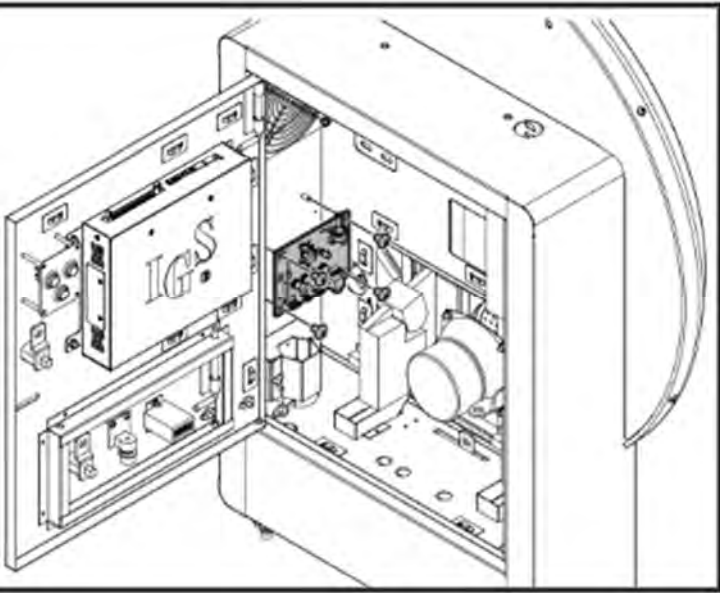
1 Use the controlling panel key to open the maintains door, remove the nuts on the main board.

2 Remove the main board to repair or replace the main board. When done, reassemble the parts according to the reversed assembly.

Replacing Parts

Replacing the dolphin body LED

1. Remove the screws on the dust-proof cover.

2. Remove the dolphin body screws.

3. Lift up the dolphin body upward. (Please check if the cable is not connected)

4. Rotate the dolphin body and repair from the bottom.
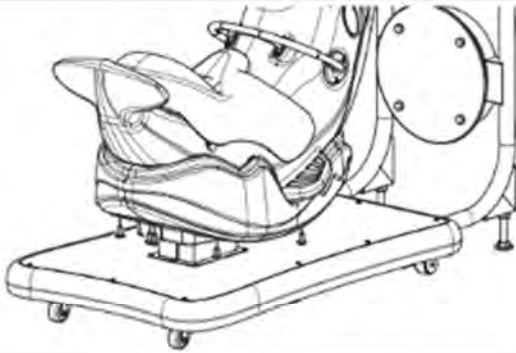
Replacing AMP

1. Use the controlling panel key to open the maintains door to remove the nuts on the AMP.

2. Remove the AMP to repair or replace the AMP. When done, reassembly the parts according to the reversed assembly.

Replacing Parts

Replacing the I/O Board

1 Remove the screws on the dust-proof cover.

2 Remove the screws on the dolphin body.

3 Lift the dolphin body upward. (Please check if cable is not connected)
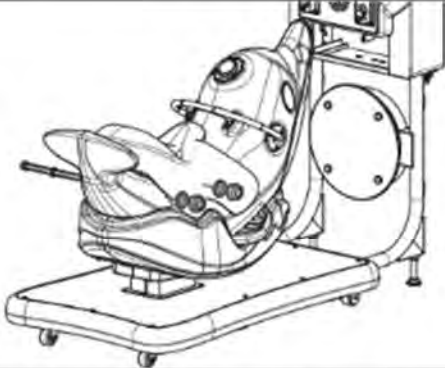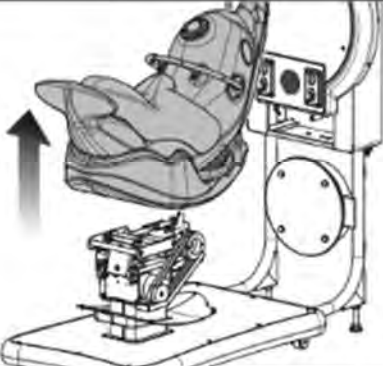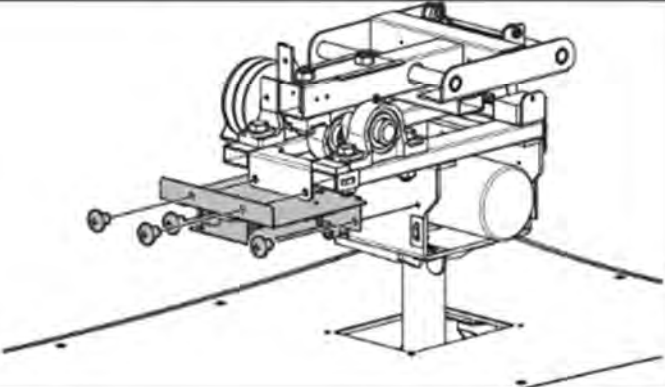
4 Remove the I / O board screws to repair or replace I / O board. When done, reassembly the parts according to the reversed assembly.
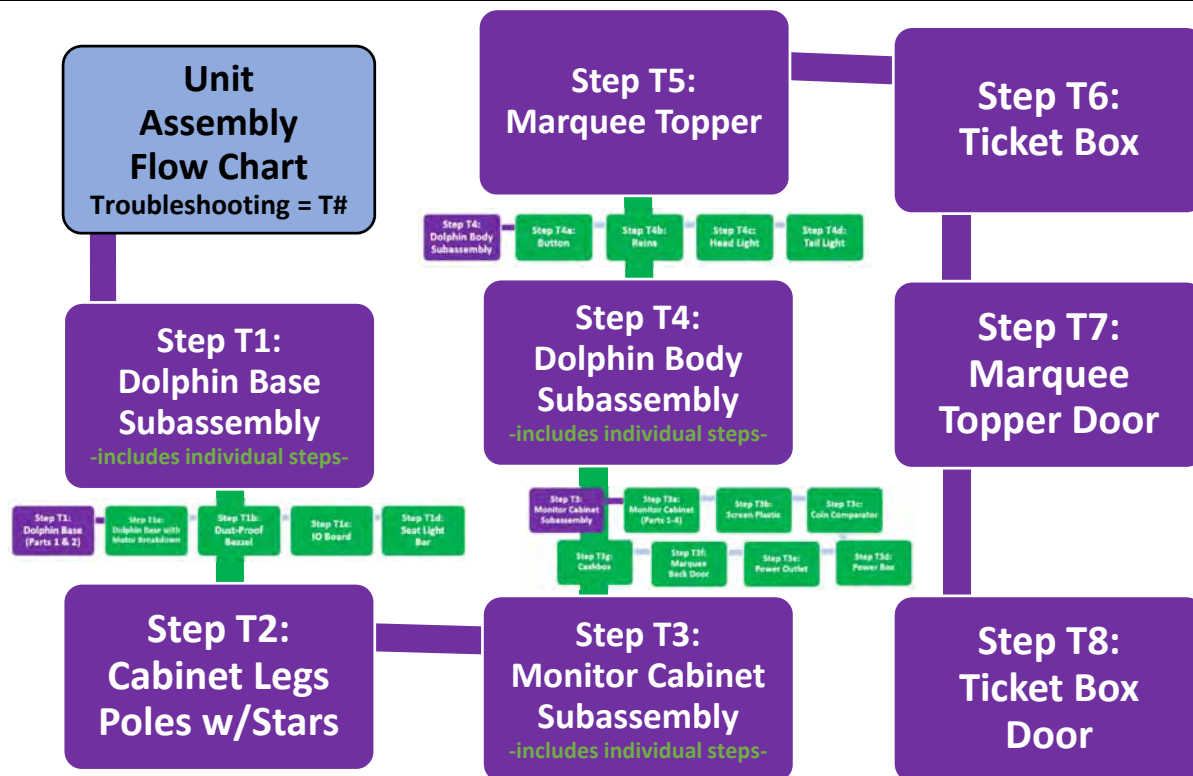
Full Unit Assembly Breakdown

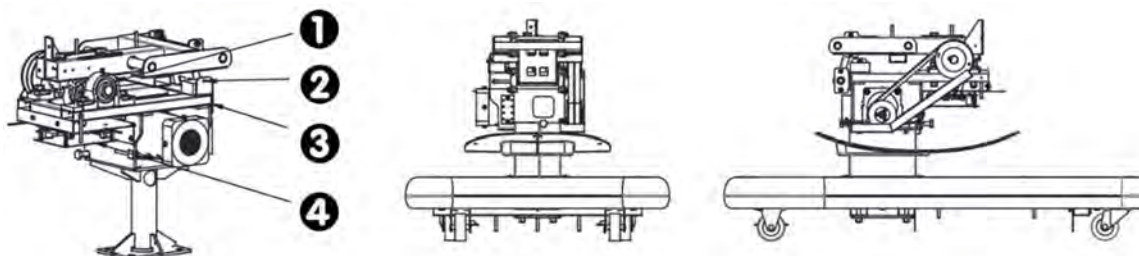*If you need to break down or assemble a unit from scratch, please read this section.*
*Note: Steps in *green* contain instructions for subassemblies

Unit Assembly Flow Chart
Troubleshooting = T#

Step T5: Marquee Topper

Step T6: Ticket Box

Step T4: Dolphin Body Subassembly | Step T4a: Button | Step T4b: Reins | Step T4c: Head Light | Step T4d: Tail Light

Step T1: Dolphin Base Subassembly -includes individual steps-

Step T4: Dolphin Body Subassembly -includes individual steps-

Step T7: Marquee Topper Door

Step T1: Dolphin Base (Parts 1 & 2) | Step T1a: Dolphin Base with Motor Breakdown | Step T1b: Dust-Proof Bezzel | Step T1c: IO Board | Step T1d: Seat Light Bar

Step T3: Monitor Cabinet Subassembly | Step T3a: Monitor Cabinet (Parts 1-4) | Step T3b: Screen Plastic | Step T3c: Coin Comparator | Step T3g: Cashbox | Step T3f: Marquee Back Door | Step T3e: Power Outlet | Step T3d: Power Box

Step T2: Cabinet Legs Poles w/Stars

Step T3: Monitor Cabinet Subassembly -includes individual steps-

Step T8: Ticket Box Door

Step T1: Dolphin Base Subassembly

Step T1: Dolphin Base (Parts 1 & 2) | Step T1a: Dolphin Base with Motor Breakdown | Step T1b: Dust-Proof Bezzel | Step T1c: IO Board | Step T1d: Seat Light Bar
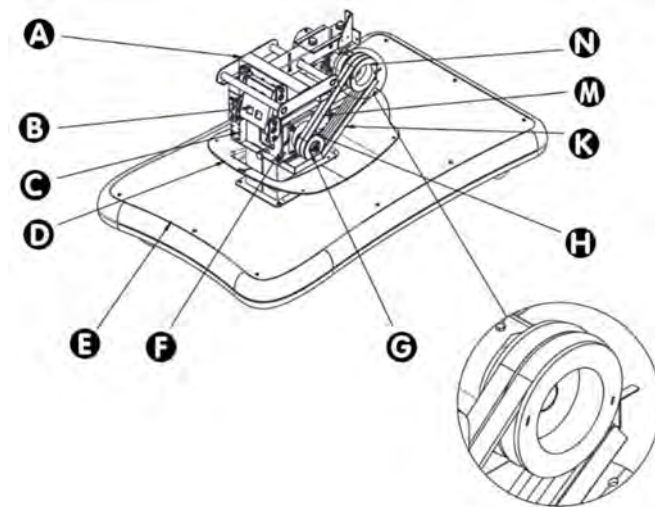
Dolphin Base - Part 1

❶	• Bearing with Pedestal (2) • Spindle Subassembly (1) • Hex Screw M10 (4)	• Spring Washer M10 (4) • Flat Washer (4) • Self-locking Nut M10 (4)	❸	• Drive Assembly (1) • Hex Screw M10 (4) • Spring Washer M10 (4)	• Flat Washer (4) • Self-locking Nut M10 (4)
❷	• Cross Recessed Flat Head Screw (1)		❹	• IO Board Assembly (1) • Cross Recessed Flat Head Screw M4 (4)	
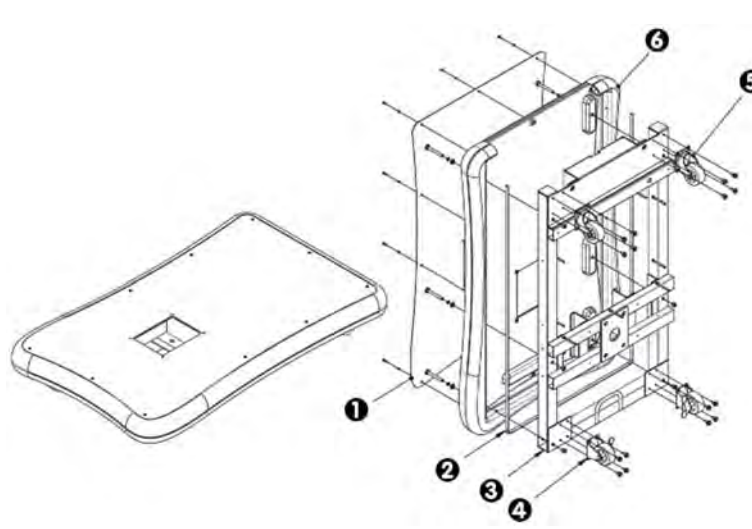
Full Unit Assembly Breakdown

Step T1: Dolphin Base Subassembly (continued)

Dolphin Base - Part 2

A	• Locking Nut M10 (1) • Hex Screw M10 (2) • Flat Washer (2) • Seat Light Bar (1) • Spring Washer M10 (2) • Drive Subassembly (1)
B	• Hex Socket Fillister Head Screw M4 (8) • Self-locking Nut M6 (12) • Spherical Surface Vertical Type Bearing Set (4) • Connecting Rod (1)
C	• Cross Recessed Fillister Head Screw M6 (2) • Connecting Cable Set (1)
D	• Cross Recessed Flat Head Screw M10 (4) • Dust-Proof Assembly (1)
E	• Base (1)

F	• AC Motor (1) • Spring Washer M6 (4) • Hex Screw M10 (1) • Cross Recessed Fillister Head three M6 (4) • Flat Washer (4) • Hex Screw M10 (9) • Hex Screw M6 (4) • Self-locking Nut M6 (4)

G	• Limited Block (1) • Hex Socket Fillister Head Screw M4 (3) • Cross Recessed Countersunk Head Screw M6 (1)	**H** • Belt Pulley (1) • Headless Socket Head Screw M5 (1)
K	• Belt Pulley Protect Outer Cover (1) • Cross Recessed Flat Head Screw M4 (2)	**M** • Narrow V-Belt (2)

N	• Belt Pulley (1) • Headless Socket Head Screw M5(1) • General Flat Key Type A (1)

Step T1a: Base Assembly

❶	• Pedestal Stainless Steel (1) • Countersunk Washer M4 (10) • Hex Socket Countersunk Screw M4 (10)	
❷	• 5050 Soft LED Lamp Panel [2300mm to be waterproof] (1)	
❸	• Pedestal (1)	
❹	• Fixed with Brake Casters (2) • Cross Recessed Fillister Head Three M6 (8)	
❺	• Rolling Casters (2) • Cross Recessed Fillister Head Three M6 (8)	
❻	• Rolling Plastic Part (1) • Hex Screw M8 (6) • Plain Washers (6) • Self-locking Nut M8 (6) • Spring Washer M4 (6)	

Full Unit Assembly Breakdown

Step T1b: Dust-Proof Bezzel

❶	• Self-locking Nut M4 (4) • Cross Recessed Flat Head Screw M4 (4) • Fixed Metal Plate 2 (2)
❷	• Dust Cloth – Superfiber Leather (1)
❸	• Wave Protect Cover - Pink / Blue(1)
❹	• Fixed Metal Plate 1 (2)

Step T1c: IO Board

❶	• IO Board Fixed Frame (1)
❷	• Single Hole Hexagon Copper Bolt M3 (4)
❸	• IO Control Board (1)
❹	• PVC Outer Cover (1)
❺	• Cross Recessed Flat Head Screw M3 (4)

Step T1d: Seat Light Bar

❶	• 5050 Soft LED Lamp Panel – 2300mm (2)
❷	• PVC Plate 1 (2)
❸	• Seat Lamp Panel Metal Plate (1)

Full Unit Assembly Breakdown

Step T2: Cabinet Legs/Poles and Decorative LED Stars
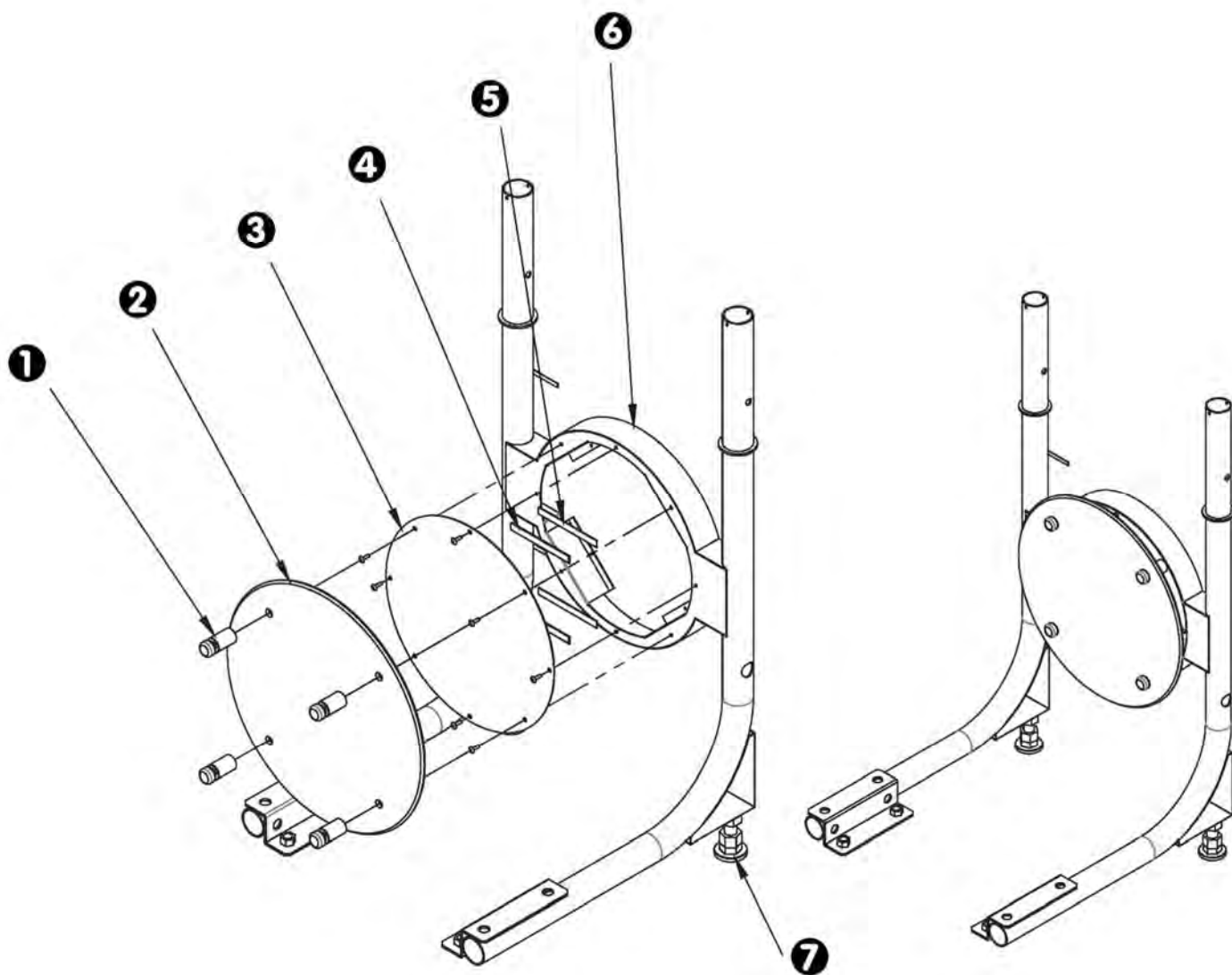
❶	• Hex Socket Countersunk Screw M4 (4) • Advertising Screw (4)	❺	• PVC Plate 2 (2)
❷	• Star Class Handrail M16 (1)	❻	• Supporting Seat (1)
❸	• Hex Socket Countersunk Screw M4 (4) • Round PVC Panel (1)	❼	• Anchor Screw (Rubber Bottom) M16 (2) • Hexagon Nut M16 (2)
❹	• 5050 Soft LED Lamp Panel 300mm (2)		

Full Unit Assembly Breakdown

Step T3: Monitor Cabinet Subassembly

Step T3: Monitor Cabinet Subassembly	Step T3a: Monitor Cabinet (Parts 1-4)	Step T3b: Screen Plastic	Step T3c: Coin Comparator
Step T3g: Cashbox	Step T3f: Marquee Back Door	Step T3e: Power Outlet	Step T3d: Power Box

Step T3a: Monitor Cabinet (*Includes: Replacing the Rein Sensor)

Monitor Cabinet– Part 1

❶	• Screen Back Door Assembly (1)
❷	• Amplifier (1) • Cross Recessed Fillister Head Three M3 (4)
❸	• Round Tube Fixed Metal Plate (2) • Cross Recessed Flat Head Screw M4 (4)
❹	• Round Antimagnetic Speaker (1) • Hexagon Nut with Flange M4 (4)
❺	• Fan with Bearing (1) • Fan Cover (1) • Cross Recessed Fillister Head Screw M4 (4) • Hexagon Nut with Flange M4 (4)

Monitor Cabinet– Part 2
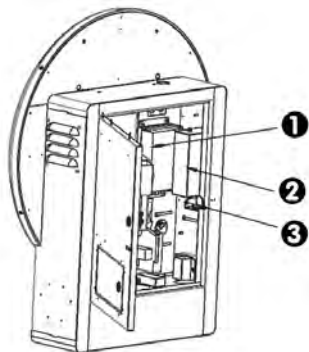
❶	• Power Box Assembly (1) • Hexagon Nut with Flange M4 (4)
❷	• Power Outlet Assembly (1) • Hexagon Nut with Flange M4 (4)
❸	• AC Cable Fixed Metal Plate (1) • Hexagon Nut with Flange M4 (2)

Full Unit Assembly Breakdown

Monitor Cabinet– Part 3

❶	• Hex Socket Countersunk Screw M4 (5) • Screen Plastic Component (1)
❷	• Hexagon Nut with Flange M4 (6) • Coin Selector Assembly (1)
❸	• Cashbox Assembly (1)
❹	• Screen Metal Plate (1)
❺	• Screen Assembly (1) • Cross Recessed Fillister Head Three M3 (4)
❻	• Screen Long Lamp Panel (3) • Cross Recessed Fillister Head Three M3 (6)
❼	• Screen Short Lamp Panel (4) • Cross Recessed Fillister Head Three M3 (8)

Monitor Cabinet– Part 4
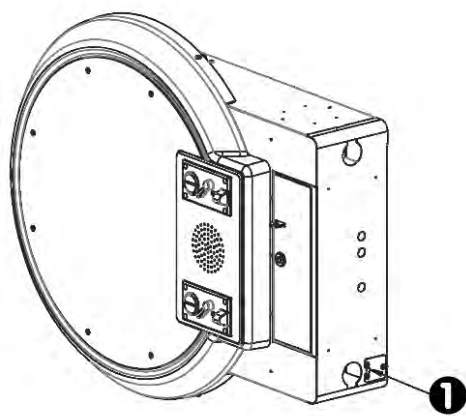
❶	• AC Switch Fixed Metal Plate (1) • Cross Recessed Flat Head Screw M4 (3)

Replacing the Rein Sensor
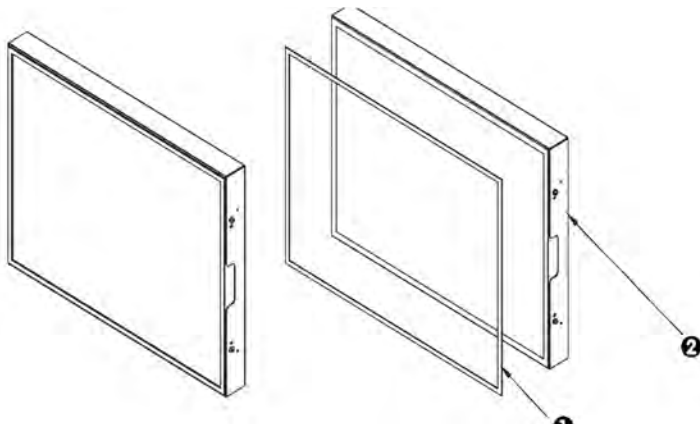
❶	• EVA Sponge Rubber (Single) (0.1)
❷	• LED LCD (19" LED with Frame) 4:3 B (1)

Full Unit Assembly Breakdown

Step T3b: Screen Plastic

❶	• Hex Socket Countersunk Screw M4 (8)	
❷	• Screen Acrylic (1)	
❸	• Screen Plastic Suction Part (1)	
❹	• Hexagon Nut with Flange M4 (8)	

Step T3c: Coin Comparator

❶	• Carriage Bolts M4 (8)
❷	• Electronic Coin Slot – Front Inserting (2)
❸	• Coin Slot Acrylic (1)
❹	• Coin Slot Fixed Metal Plate (1)
❺	• Hexagon Nuts with Flange M4 (8)

Step T3d: Power Box

❶	• Power Supply Fixed Frame (1)
❷	• Switching Power Supply (1) • Cross Recessed Fillister Head Three Combination Screw M3 (2)

Full Unit Assembly Breakdown

Step T3e: Power Outlet Assembly
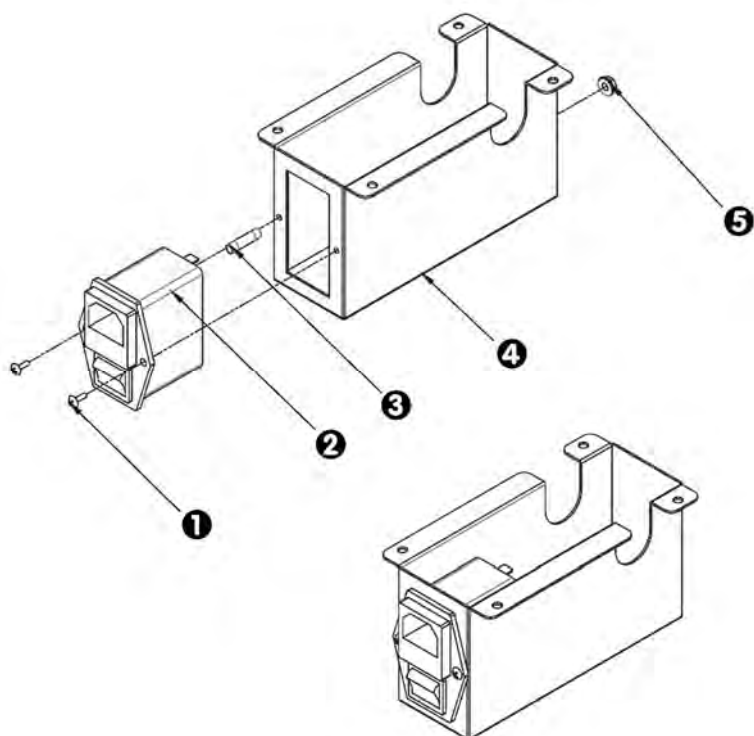
❶	• Cross Recessed Flat Head Screw (2)
❷	• Filter with AC Switch (1)
❸	• Fuse Tube F5A (1)
❹	• Power Supply with Fixed Metal Plate (1)
❺	• Hexagon Nut with Flange M4 (1)

Step T3f: Screen Back Door Assembly
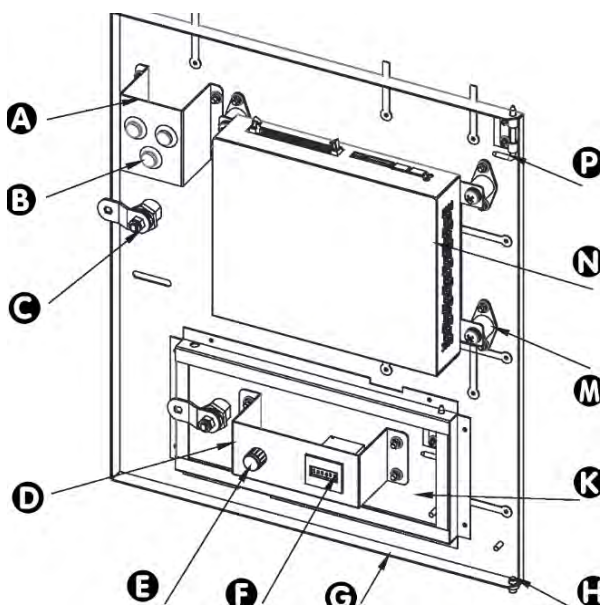
Ⓐ	• Hexagon Nut with Flange M4 (4) • Push Button Fixed Metal Plate (1)
Ⓑ	• Circular Button (card) (3)
Ⓒ	• Curved Skew Baffle Lock Plate (2) • Cam Lock (2)
Ⓓ	• Hexagon Nut with Flange M4 (4) • Counter Fixed Frame (1)
Ⓔ	• Potentiometer (1)
Ⓕ	• Counter (1)
Ⓖ	• Cabinet Door for Repair 1 (1)
Ⓗ	• Plug Type Hinge Parts (2)
Ⓚ	• Cabinet Door for Repair 2 (1)
Ⓜ	• Shockproof Footstand (4) • Hexagon Nut with Flange M3 (8)
Ⓝ	• Dolphin Star PC (1) • Cross Recessed Fillister Head Three Combination Screw M6 (4)
Ⓟ	• Plug Type Hinge (2) • Hexagon Nut with Flange M3 (4)

Full Unit Assembly Breakdown

Step T3g: Cashbox Assembly
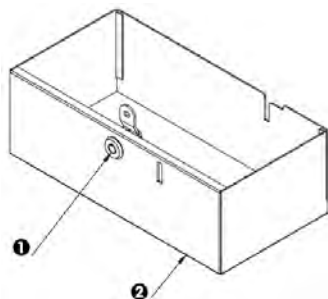
❶	• Mix Number Cam Lock with Key (1) • Curved Skew Baffle Lock Plate (1)
❷	• Coin Box (1)

Step T4: Dolphin Body Subassembly

Step T4: Dolphin Body Subassembly → **Step T4a: Button** → **Step T4b: Reins** → **Step T4c: Head Light** → **Step T4d: Tail Light**
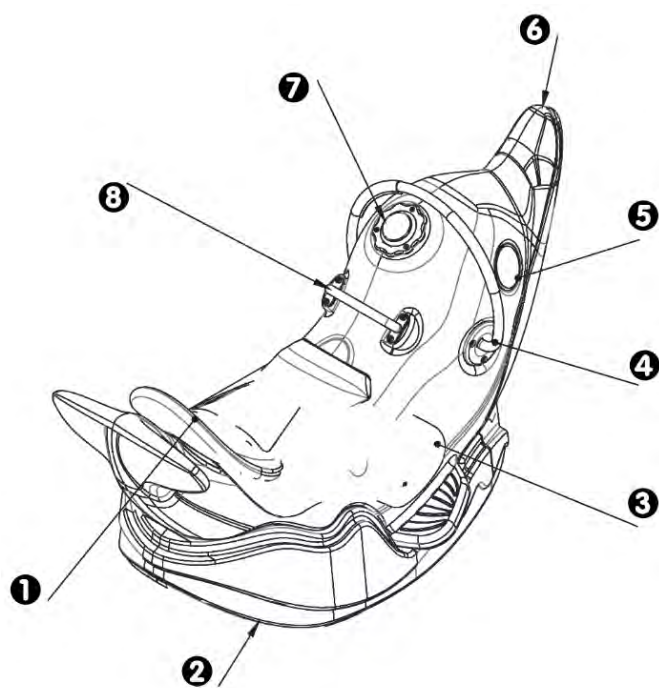
❶	• Cushion Rolling Plastic Park - Blue or Pink (1) • Seat Cushion Cloth (1) • Tail Light Assembly (1) • Cross Recessed Fillister Head Three Combination Screw M6 (3)
❷	• Wave Rolling Plastic Part - Blue or Pink (1) • Cross Recessed Fillister Head Three Combination Screw M6 (12)
❸	• Hex Socket Countersunk Screw M4 (4) • Countersunk Washer M4 (4)
❹	• Rein Assembly (1) • Hex Socket Countersunk Screw M4 (6)
❺	• Hexagon Nut with FlangeM4 (4) • Dolphin Eye Fixed Iron (2)
❻	• Dolphin Rolling Plastic Part (1)
❼	• Hex Socket Countersunk Screw M4 (3) • Button Assembly (1)
❽	• Hex Socket Fillister Head Screw M5 (4) • Head Light Assembly (1) • Handle Hardware (1)

Step T4a: Button
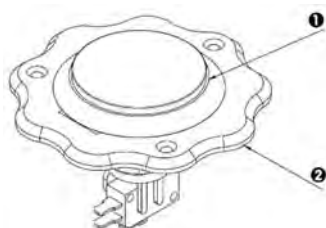
❶	• With Lamp Button (1)
❷	• Blue/Pink Button Acrylic (1)

Full Unit Assembly Breakdown

Step T4b: Reins

A	• Rein Coil Spring (Piano Wire) (2)	**G**	• Rein Outer Cover (2)	
B	• Rein Baffle Block 2 (2)	**H**	• Cross Recessed Flat Head Self-Tapping Screw M4 (1)	
C	• Cross Recessed Flat Head Screw M5 (2) • Rein Baffle Block 3 (2)	**K**	• Cross Recessed Flat Head Screw M4 (2) • Magnetic Reed Switch Board (1)	
D	• Rein Magnet (2) • Nylon Flat Washer M6 (2) • Cross Recessed Countersunk Head Screw M5 (2)	**M**	• Rein Reaction Panel Retaining Ring (2)	
E	• Rein Cycle Chain (1) • Rein Cloth (1)	**N**	• Cross Recessed Flat Head Screw M4 (1) • Hexagon Nut with Flange M4 (1)	
F	• Plastic Hose (1)			

Step T4c: Head Light
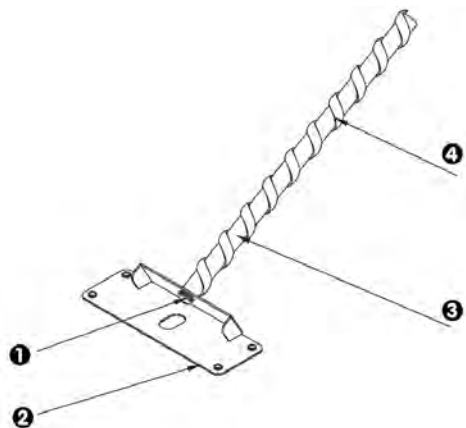
1	• Cross Recessed Fillister Head Three Combination Screw M6 (1)
2	• Dolphin Body Lamp Panel Fixed Iron 1 (1)
3	• Lamp Panel Fixed Link 1 (1)
4	• 5050 Soft LED Lamp Panel- 300mm (1)

Full Unit Assembly Breakdown

Step T4c: Tail Light

❶	• Cross Recessed Fillister Head Three Combination Screw M6 (1)
❷	• Dolphin Body Lamp Panel Fixed Iron 2 (1)
❸	• Lamp Panel Fixed Link 2 (1)
❹	• 5050 Soft LED Lamp Panel – 300mm (1)

Step T5: Marquee Topper
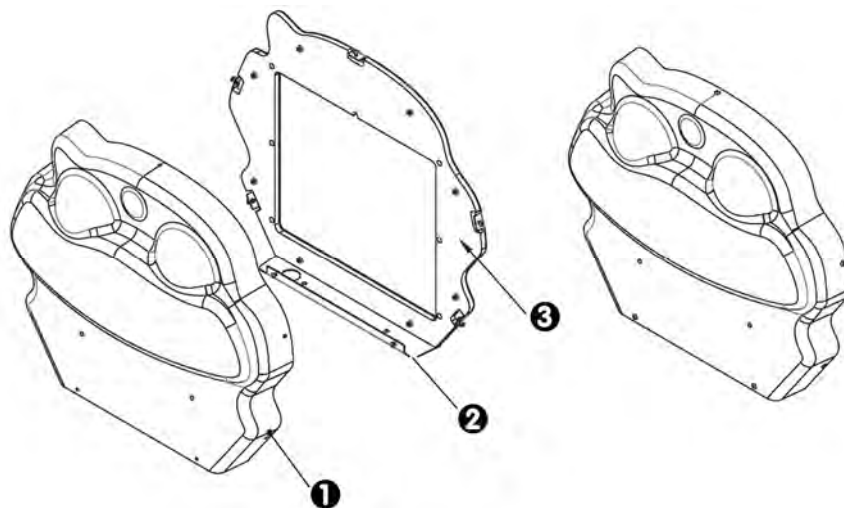
❶	• Signboard Lamp Box Plastic Suction Part (1) • Hex Socket Countersunk Screw M4 (7)	❷	• Signboard Lamp Box Metal Frame (1)
❸	• Signboard Lamp Wooden Board (1) • Hexagon Nut with Flange M4 (8)		

Step T6: Ticket Box
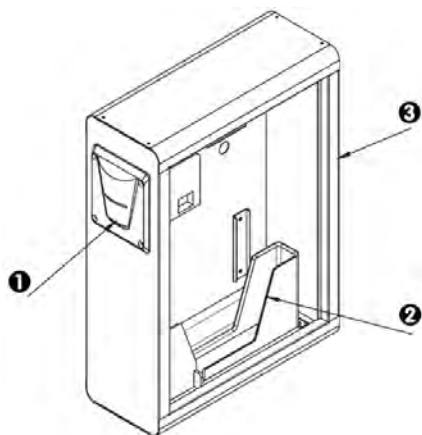
❶	• Hexagon Nut with Flange M4 (4) • Carriage Bolts M4 (4) • Ticket Dispenser (1)
❷	• Ticket Plastic Box (1) • Cross Recessed Flat Head Screw M3 (2)
❸	• Ticket Box (1)

Full Unit Assembly Breakdown

Step T7: Marquee Topper Back Door
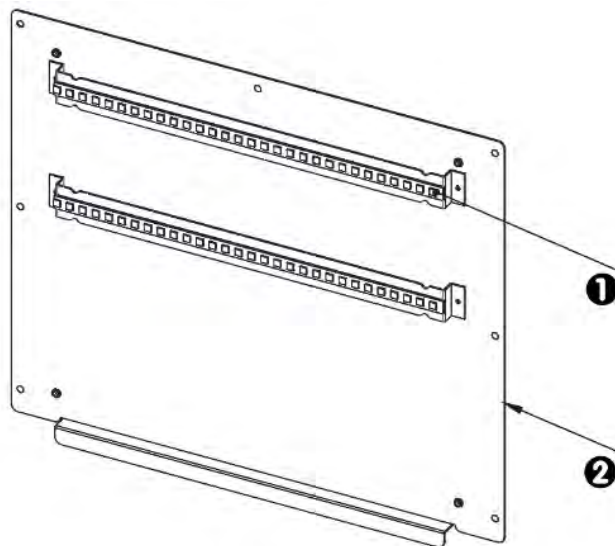
❶
- 5050 Soft LED Lamp Panel – 300mm (2)
- PVC Plate 3 (2)

❷
- Signboard Lamp Box Door for Repair (1)

Step T8: Ticket Box Door

❶
- Ticket Box Cover (1)
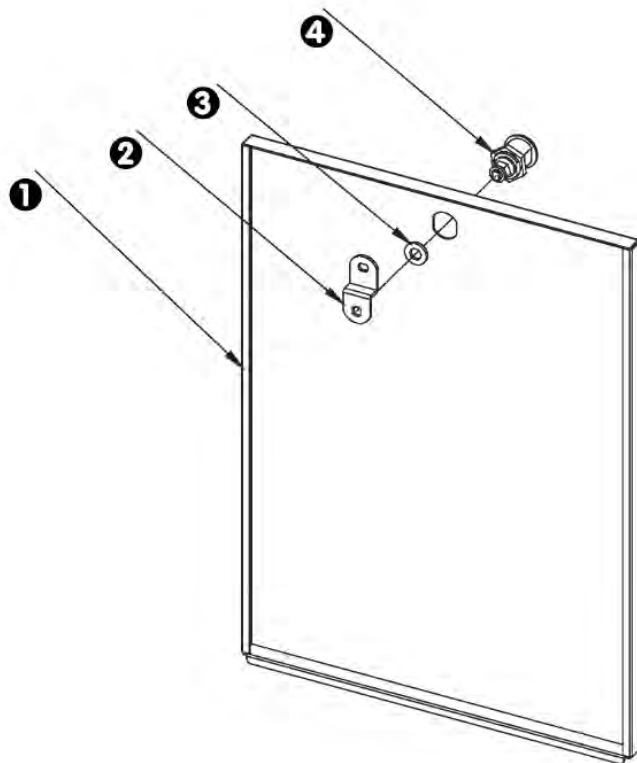
❷
- Curved Lock Plate (1)

❸
- Flat Washer (1)

❹
- Cam Lock (1)

Wire Diagram
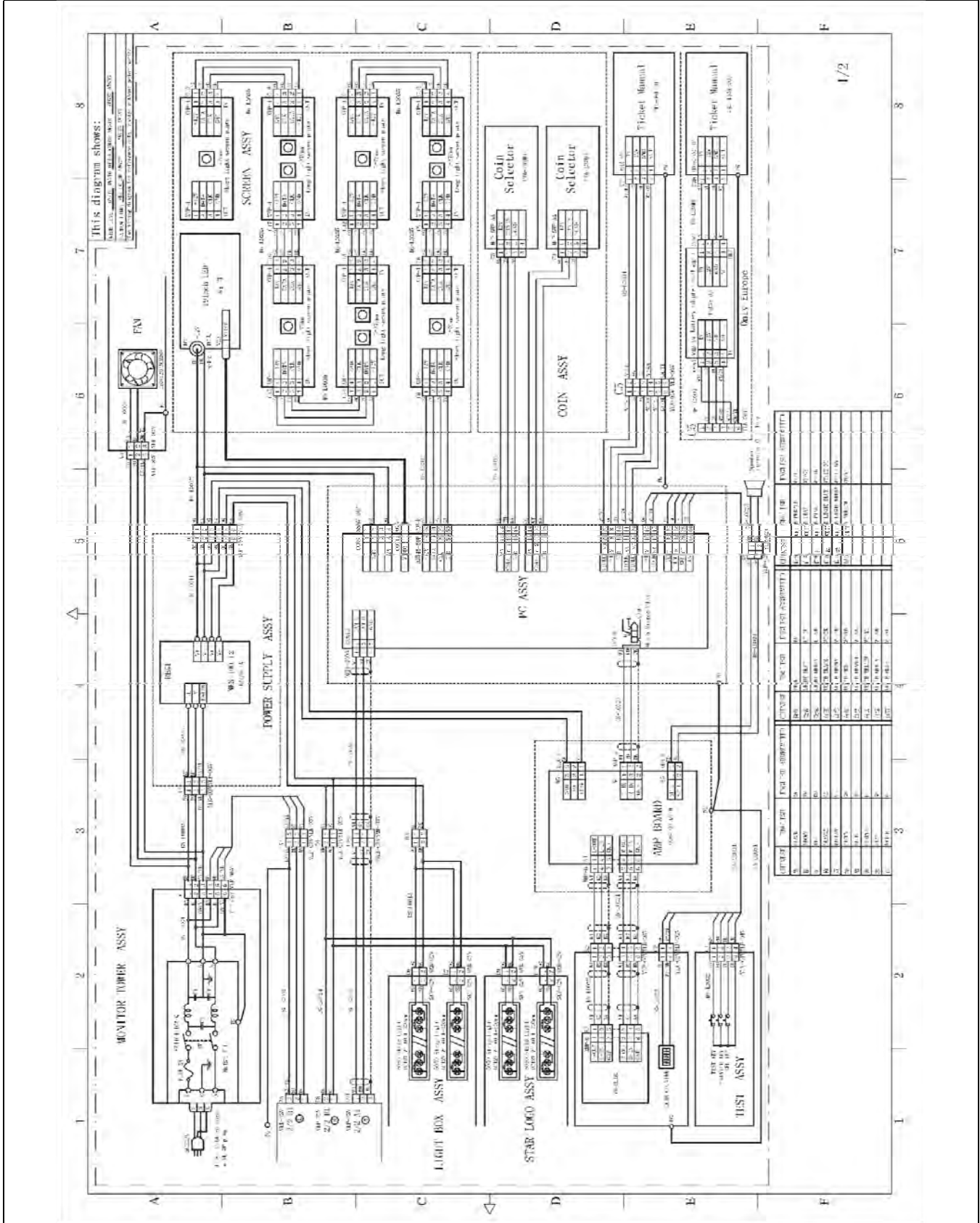
Wire Diagram
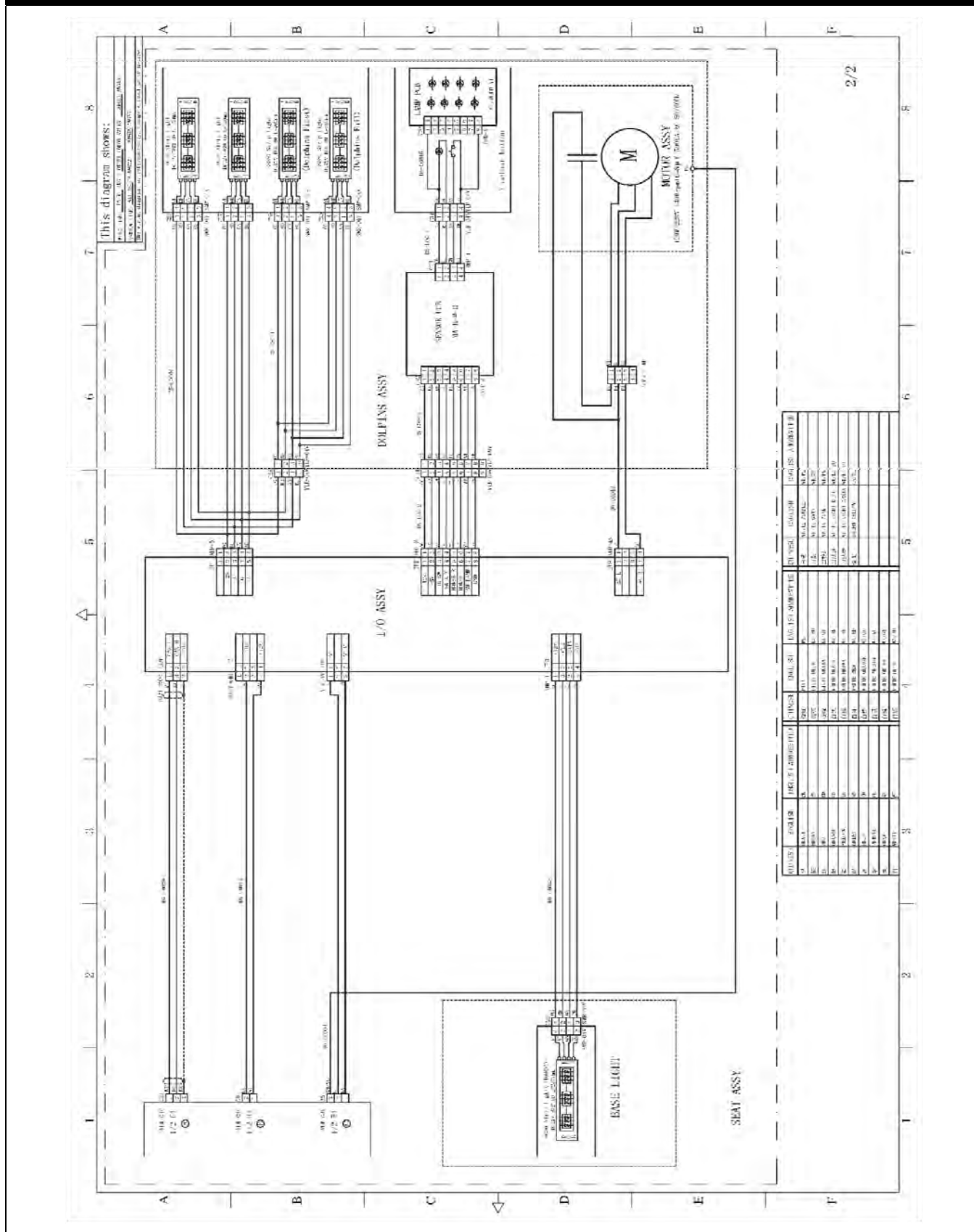
Complete Parts List - by Assembly Step

Draw No.	Name	Material/Spec.	#	Product Code
General Unit Assembly Diagram				
DS-0100000	Chassis frame		1	
DS-0200000	Support base assembly		1	
DS-0300000	Screen frame assembly		1	
DS-0400000	Dolphin assembly		1	
DS-0500000	Light box assembly		1	2.3.NA05A050
DS-0600000	Lottery unit		1	
DS-0700000	Light box door assembly		1	
DS-0000A01	signboard lamp box lock with metal plate	SPCC-1.0T	1	1.1.IG25A00010
DS-P0006E	decorative acrylic	PMMA-5.0T	1	1.7.IG25A00100
DS-P0007E	character decorative acrylic	PVC-0.3T	1	1.7.IG25A00110
DS-0000A02	ticket & bill fixed frame	SPCC-1.2T	1	1.1.IG25A00020
DS-0000A03	fixed retaining ring	Q235	2	1.1.IG25A00030
DS-0800000	Lottery machine door assembly		1	
	hex screw	M10*50 (black)	4	1.6.LSM95011
	flat washer	M10*M21*2.0 (black)	4	1.6.DP110011
	spring washer	M10 (black)	4	1.6.DP210011
	hex screw	M8*60 (black)	2	1.6.LSM86011
	flat washer	M8*M16*2.0 (black)	2	1.6.DP108011
	spring washer	M8 (black)	2	1.6.DP208011
	hex socket fillister head screw	M12*250 (black)	2	1.6.LSFA5012
	spring washer	M12 (black)	2	1.6.DP212011
	hexagon nut	M12 (black)	2	1.6.LM112011
	flat washer	M12*M23*2.0 (black)	4	1.6.DP112011
	cross recessed fillister head three combination	M6*25 (chrome)	4	1.6.LS862022
	cross recessed flat head screw	M4*8 (chrome)	7	1.6.LS240022
	hex socket countersunk screw	M4*8 (chrome)	10	1.6.LS140032
	hexagon nut with flange	M6 (color)	4	1.6.LM206013
	hexagon nut with flange	M4 (color)	2	1.6.LM204013
	Acorn nuts	M4 (chrome)	4	1.6.LM404012
	hex socket countersunk screw	M4*12 (chrome)	7	1.6.LSB41012
Step T1: Dolphin Base Subassembly - Part 1 & 2				
DS-0101000	Base		1	1.1.AA07000010
DS-0102000	Dust-proof assembly		1	
DS-0100A01	drive subassembly		1	1.1.IG25A00040
	bearing with pedestal	UCP204	3	1.4.ZCZ00030
DS-0100A03	spindle subassembly		1	1.1.IG25A00060
	general flat key Type A	key 6x6×28	1	1.4.AJD03030
DS-0100A05	belt pulley	SPA85	1	1.1.IG25A00080
	narrow V-belt	SPA 657	2	1.4.PD011050
	ac motor	5IK120GU-CF/5GU36KB	1	
DS-0100A04	belt pulley	SPA60	1	1.1.IG25A00070
DS-0100A06	limited block		1	1.1.IG25A00090
	spherical surface vertical type bearing set	KFL000	4	1.4.ZC710010
DS-0100A02	connecting rob		1	1.1.IG25A00050
DS-0100A07	drive subassembly		1	1.1.IG25A00100
DS-0104000	Seat light bar assembly		1	
DS-0103000	IO board assembly		1	
	connecting cable set	4P	1	1.5.XC204010
DS-0100A08	belt pulley protect outer cover	SPCC-1.2T	1	1.1.IG25A00110
	cross recessed flat head screw	M4*8 (chrome)	10	1.6.LS240022
	hex screw	M10*5.0 (black)	9	1.6.LSM95011
	spring washer	M10 (black)	10	1.6.DP210011
	flat washer	M10*M21*2.0 (black)	10	1.6.DP110011
	self-locking nut	M10 (galvanized)	10	1.6.LM310014
	cross recessed flat head screw	M4*12 (chrome)	1	1.6.LS241022

Complete Parts List - by Assembly Step

Draw No.	Name	Material/Spec.	#	Product Code
	hex screw	M10*77 (black)	2	1.6.LSM97011
	headless socket head screw	M5*6 (black)	2	1.6.LST50011
	hex screw	M6*25 (black)	4	1.6.LSM62021
	spring washer	M6 (black)	4	1.6.DP206011
	flat washer	M6*M12*2.0 (black)	8	1.6.DP106021
	self-locking nut	M6 (galvanized)	12	1.6.LM306014
	hex screw	M10*30 (black)	1	1.6.LSM93021
	hex socket fillister head screw	M4*16 (black)	3	1.6.LSF41031
	cross recessed countersunk head screw	M6*30 (chrome)	1	1.6.LSC63012
	hex socket fillister head screw	M6*16 (stainless steel)	8	1.6.LSF61035
	cross recessed fillister head screw	M4*10 (black)	2	1.6.LS741011
	cross recessed fillister head three	M6*25 (chrome)	4	1.6.LS862022
Step T1a: Base Assembly				
DS-0101A01	pedestal subassembly		1	1.1.IG25A00120
	fixed with brake casters	2.5" light	2	1.4.JL202510
	rolling casters	2.5" light	2	1.4.JL302510
DS-0101C01	pedestal rolling plastic part	LDPE-5.0T	1	1.8.IG25A010
	5050 soft LED lamp panel - 2300mm to be waterproof	DC12V RGB30 Glue L=2300mm	1	1.4.ZM9E0A20
DS-0101A02	pedestal stainless steel	draw bench SUS304-1.2T	1	1.1.IG25A00130
	cross recessed fillister head three	M6*12 (chrome)	16	1.6.LS861022
	hex screw	M8*60 (black)	6	1.6.LSM86011
	Plain washers	M8*M16*2.0 (black)	6	1.6.DP108011
	self-locking nut	M8 (galvanized)	6	1.6.LM308014
	spring washer	M8 (black)	6	1.6.DP208011
	hex socket countersunk screw	M4*12 (chrome)	10	1.6.LSB41012
	countersunk washer	M4 (chrome)	10	1.6.DP504012
Step T1b: Dust-Proof Bezzel				
DS-0102D01	dust cloth	Super fiber leather-0.5T	1	1.7.IG25A00010
DS-0102A01	fixed metal plate 1	SPCC-1.0T	2	1.1.IG25A00140
DS-0102A02	fixed metal plate 2	SPCC-1.0T	2	1.1.IG25A00150
DS-0102C01	wave protect cover - blue	ABS-3.0T	1	1.8.IG25A020
DS-0102C02	wave protect cover - pink	ABS-3.0T	1	1.8.IG25B020
	cross recessed flat head screw	M4*12 (chrome)	4	1.6.LS241022
	self-locking nut	M4 (galvanized)	4	1.6.LM304014
Step T1c: IO Board				
DS-0103A01	IO board fixed frame	SPCC-1.2T	1	1.1.IG25A00160
5651-00000131	IO control board		1	1.3.IG25A00020#
	single-hole hexagon copper bolt	Column (M3 x 25)/teeth (M3 * 4)	4	1.6.LM803090
DS-0103D01	PVC outer cover	PVC-1.0T	1	1.7.IG25A00020
	cross recessed flat head screw	M3*8 (chrome)	4	1.6.LS230032
Step T1d: Seat Light Bar				
DS-0200A01	supporting seat		1	1.1.IG25A00180
DS-0200D03	PVC plate 2	PVC-1.0T	2	1.7.IG25A00050
	5050 soft LED lamp panel - 300mm	DC12V RGB60 L=150mm	2	1.4.ZM9E0504
DS-0200D01	round PVC panel	PVC-1.0T	1	1.7.IG25A00040
	advertising screw	19x40	4	1.6.MD301935
DS-P0004E	star class handrail	M16*Y100 (color)	1	1.7.IG25A00080
	anchor screw (rubber button)	M16*Y100 (color)	2	1.6.LSV99014
	hexagon nut	M16 (color)	2	1.6.LM116013
	hex socket countersunk screw	M4*12 (chrome)	8	1.6.LS141022
Step T2: Cabinet Legs/Poles w/Stars				
DS-0104A01	seat lamp panel metal plate	SPCC-1.0T	1	1.1.IG25A00170
DS-0104D01	PVC plate 1	PVC-1.0T	2	1.7.IG25A00030
	5050 soft LED lamp panel - 2300mm	DC12V RGB30 Glue L=100mm	2	

Complete Parts List - by Assembly Step

Draw No.	Name	Material/Spec.	#	Product Code
Step T3: Marquee Topper Subassembly				
Step T3a: Marquee Topper				
DS-0300A01	screen metal plate		1	1.1.IG25A00190
	round antimagnetic speaker	4 inches8Ω/15W	1	
	amplifier	0989_00_KG_D	1	
	fan with bearing	120*120/AC220V	1	1.4.FS200041
	fan cover	120*120	1	1.4.FS300020
DS-0301000	Screen assembly		1	
	screen long lamp panel	L=370mm	3	1.4.IC902160
	screen short lamp panel	L=70mm	4	1.4.IC902170
DS-0302000	Screen plastic component		1	
DS-0303000	Coin selector assembly		1	
DS-0304000	Power box assembly		1	
DS-0305000	Power outlet assembly		1	
DS-0306000	Screen back door assembly		1	
DS-0307000	Cashbox assembly		1	
DS-0300A02	AC switch fixed metal plate	SPCC-1.2T	1	1.1.IG25A00200
DS-0300A03	AC cable fixed metal plate	SECC-1.5T	1	1.1.IG25A00210
DS-0300A04	round tube fixed metal plate	SPCC-1.5T	2	1.1.IG25A00220
	hexagon nut with flange	M4 (color)	24	1.6.LM204013
	cross recessed fillister head screw	M4*70 (chrome)	4	1.6.LS747012
	cross recessed fillister head three	M3*8 (chrome)	22	1.6.LS830022
	hex socket countersunk screw	M4*12 (chrome)	5	1.6.LS141022
	cross recessed flat head screw	M4*8 (chrome)	7	1.6.LS240022
Step T3a: Replacing the Rein Sensor				
	LED LCD (19 inch LED with frame) 4:3 (B)		1	1.4.XS401993
	EVA sponge rubber (single)	1 * 20 mm 20 meters/roll	0.1	1.9.HM020010
Step T3b: Screen Components				
DS-0302C01	screen plastic suction part	ABS-5.0T	1	1.8.IG25A030
DS-P0003E	screen acrylic	PMMA-5.0T	1	1.7.IG25A00070
	hex socket countersunk screw	M4*20 (chrome)	8	1.6.LSB42012
	hexagon nut with flange	M4 (color)	8	1.6.LM204013
Step T3c: Coin Comparator				
DS-0303A01	coin slot fixed metal plate	SPCC-1.2T	1	1.1.IG25A00230
DS-P0005E	coin slot acrylic	PMMA-5.0T	1	1.7.IG25A00090
	electronic coin slot - front inserting	TW-130B	2	1.4.TB100030
	carriage bolts	M4*20 (chrome)	8	1.6.LSP42012
	hexagon nut with flange	M4 (color)	8	1.6.LM204013
Step T3d: Power Box				
DS-0304A01	power supply fixed frame	SECC-1.2T	1	1.1.IG25A00240
	switching power supply	NES-100-12	1	1.4.DY140030
	cross recessed fillister head three combination screw	M3*8 (chrome)	2	1.6.LS830022
Step T3e: Power Outlet				
DS-0305A01	power supply fixed metal plate	SPCC-1.2T	1	1.1.IG25A00250
	filter with AC switch	YB11C1-10A-Q	1	1.4.LB100090
	fuse tube	F5A 5x20 250V	1	1.4.BX105030
	cross recessed flat head screw	M3*8 (chrome)	2	1.6.LS230032
	hexagon nut with flange	M4 (color)	1	1.6.LM204013
Step T3f: Cabinet Door				
DS-0306A01	cabinet door for repair 1		1	1.1.IG25A00260
DS-0306A02	cabinet door for repair 2	SPCC-1.2T	1	1.1.IG25A00270
	plug type hinge	SK2-037-3	2	1.4.AJD03050
	plug type hinge-parts	2-037 6*16	2	1.4.AJD03050
	counter	DC 12V	1	1.4.JS100020
	volume VR components	VR-B10 K Ω	1	1.4.VR160010

Complete Parts List - by Assembly Step

Draw No.	Name	Material/Spec.	#	Product Code
DS-0306A03	counter fixed frame	SPCC-1.2T	1	1.1.IG25A00280
	potentiometer	Φ13 mm	1	1.4.VR201310
	shockproof foot stand		4	1.8.AA000250
DS-0306000A	Dolphin Star PC		1	2.1.IG25A010#
DS-0306A04	push button fixed metal plate	SPCC-1.2T	1	1.1.IG25A00290
	Circular button (card)	Sanhe red SDP - 103 - c - 22 rb	3	
	cam lock	5555key-S	2	1.4.SJ120110
	curved skew baffle lock plate	2.0mm (No. 001)	2	1.4.SJ500060
	hexagon nut with flange	M4 (color)	16	1.6.LM204013
	cross recessed fillister head three combination screw	M6*12 (chrome)	4	1.6.LS861022
	hexagon nut with flange	M3 (color)	4	1.6.LM203013
Step T3g: Cashbox				
DS-0307A01	coin box	SPCC-1.5T	1	1.1.IG25A00300
	mix number cam lock with key	M7-S	1	1.4.SJ220040
	curved skew baffle lock plate	2.0mm（No. 001）	1	1.4.SJ500060
Step T4: Dolphin Body Subassembly				
DS-0400C01	dolphin rolling plastic part	Milky white LDPE - 5.0 T	1	1.8.IG25A040
DS-0405A01	dolphin eye fixed iron	SPCC-1.0T	2	1.1.IG25A00390
DS-0401000	Button assembly		1	
DS-0403000	Head light assembly		1	
DS-0400A01	handle hardware		1	1.1.IG25A00310
DS-0402000	Rein assembly		1	
DS-0404000	Tail light assembly		1	
DS-P0010E	seat cushion cloth	Microfiber leather - 3.0 T	1	1.7.IG25A00140
DS-0400C04	cushion rolling plastic part - blue	Milky white LDPE - 5.0 T	1	1.8.IG25A060
DS-0400C05	cushion rolling plastic part - pink	Milky white LDPE - 5.0 T	1	1.8.IG25B060
DS-0400C02	wave rolling plastic part - blue	LDPE-5.0T	1	1.8.IG25A050
DS-0400C03	wave rolling plastic part - pink	LDPE-5.0T	1	1.8.IG25B050
	cross recessed fillister head three combination screw	M6*12 (chrome)	15	1.6.LS861022
	hex socket fillister head screw	M5*16 (stainless steel)	4	1.6.LSF51035
	hex socket countersunk screw	M4*12 (chrome)	7	1.6.LSB41012
	hex socket countersunk screw	M4*12 (chrome)	6	1.6.LS141022
	hexagon nut with flange	M4 (color)	4	1.6.LM204013
	countersunk washer	M4 (chrome)	4	1.6.DP504012
Step T4a: Button				
	With lamp button		1	
DS-P0012E	blue button acrylic	PMMA-5.0T	1	1.7.IG25A00160
DS-P0013E	pink button acrylic	PMMA-5.0T	1	1.7.IG25B00160
Step T4b: Reins				
DS-P0011E	rein cloth	Microfiber leather - 1.0 T	1	1.7.IG25A00150
DS-0402A06	rein cycle chain	3x17-39 B	1	1.1.IG25A00360
DS-0402A02	rein baffle block 2	SUS322	2	1.1.IG25A00330
DS-0402A05	rein coil spring	Piano wire	2	1.1.IG25A00350
DS-0402A03	rein baffle block 3	SUS322	2	1.1.IG25A00340
	nylon flat washer	M6*18*1.5	2	1.6.DP605020
DS-0402A01	rein magnet	Ndfeb magnet Gaussian 3300 above	2	1.1.IG25A00320
DS-0402C01	plastic hose	POM pipe	1	1.8.IG25A070
DS-0402C02	rein outer cover	ABS	2	1.8.IG25A080
DS-0402C03	rein reaction panel retaining ring	ABS	2	1.8.IG25A090
5651-00000151	magnetic reed switch board		1	1.3.IG25A00030#
	cross recessed flat head self-tapping screw	M3*6 (chrome)	2	1.6.LS330012
	cross recessed flat head screw	M4*40 (chrome)	1	1.6.LS244012
	hexagon nut with flange	M4 (chrome)	1	1.6.LM204013
	cross recessed flat head screw	M5*20 (chrome)	2	1.6.LS252012
	cross recessed countersunk head screw	M5*10 (chrome)	2	1.6.LSC51012
	cross recessed flat head self-tapping screw	M4*8 (chrome)	1	1.6.LS340012

Complete Parts List - by Assembly Step

Draw No.	Name	Material/Spec.	#	Product Code
Step T4c: Head Light				
DS-0403A01	dolphin body lamp panel fixed iron 1	SECC-1.5T	1	1.1.IG25A00370
DS-0403C01	lamp panel fixed link 1	POM	1	1.8.IG25A100
	5050 soft LED lamp panel - 300mm	DC12V RGB60 L=700mm	1	1.4.ZM9E0503
	cross recessed fillister head three combination screw	M6*12 (chrome)	1	1.6.LS861022
Step T4d: Tail Light				
DS-0500A01	signboard lamp box metal frame	SPCC-1.2T	1	1.1.IG25A00400
DS-0500B01	signboard lamp wooden board	MDF-9.0T	1	1.2.IG25A00010
DS-0500C01	signboard lamp box plastic suction part	Milky white ABS - 5.0 T	1	DS-P0002E
	hexagon nut with flange	M4 (color)	8	1.6.LM204013
	hex socket countersunk screw	M4*1 (chrome)	7	1.6.LS141022
Step T5: Marquee Topper				
DS-0404A01	dolphin body lamp panel fixed iron 2	SECC-1.5T	1	1.1.IG25A00380
DS-0404C01	lamp panel fixed link 2	POM	1	1.8.IG25A110
	5050 soft LED lamp panel - 300mm	DC12V RGB60 L=550mm	1	1.4.ZM9E0062
	cross recessed fillister head three combination screw	M6*12 (chrome)	1	1.6.LS861022
Step T6: Ticket Box				
DS-0600A01	ticket box		1	1.1.IG25A00410
	ticket dispenser	TL-001 three generations	1	
	ticket plastic box		1	1.8.AA000070
	carriage bolts	M4*20 (chrome)	4	1.6.LSP42012
	hexagon nut with flange	M4 (color)	4	1.6.LM204013
	cross recessed flat head screw	M3*8 (chrome)	2	1.6.LS230032
Step T7: Marquee Topper Door				
DS-0700A01	signboard lamp box door for repair		1	1.1.IG25A00420
DS-0700D01	PVC plate 3	PVC-1.0T	2	1.1.IG25A00420
	5050 soft LED lamp panel - 300mm	DC12V white 60 lamp have glue 300	2	1.7.IG25A00060
Step T8: Ticket Box Door				
DS-0800A01	ticket box cover	SPCC-1.2T	1	1.1.IG25A00430
	cam lock	5555key-S	1	1.4.SJ120110
	Curved lock plate	-2	1	1.4.SJ500050
	flat washer	M8*M16*2.0 (black)	1	1.6.DP108011+A2

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