OPERATORS MANUAL

Version 33

VIRTUAL RABBIDS: THE BIG RIDE

Version 6.63

PLEASE NOTE

Read this manual before operating the machine.

Visit www.laigames.com for support.

Correspondence regarding this machine should be addressed to your closest LAI Games office, or LAI Games Distributor. For contact details, refer to the back page of this manual.

Table of Contents

SAFETY PRECAUTIONS

The following safety precautions and advisories used throughout this manual are defined as follows.

WARNING: Disregarding this text could result in **serious injury**.

CAUTION: Disregarding this text could result in damage to the machine.

NOTE: An advisory text to hint or help understand.

PLEASE READ THE FOLLOWING

WARNING: <u>Always</u> turn **OFF** Mains AC power and unplug the game before opening or replacing any parts.

<u>Always</u> grasp the plug, not the line cord, when unplugging the game from an electrical outlet.

<u>Always</u> connect the Game Cabinet to a grounded electrical outlet with a securely connected ground line.

<u>Do Not</u> install the Game Cabinet outdoors or in areas of high humidity, direct water contact, dust, high heat or extreme cold.

<u>Do Not</u> install the Game Cabinet in areas that would present an obstacle in case of an emergency, i.e. near fire equipment or emergency exits.

CAUTION: <u>Always</u> use a Digital Multimeter, logic tester or oscilloscope for testing integrated circuit (IC) logic PC boards. The use of a continuity tester is not permitted.

<u>Do Not</u> connect or disconnect any of the integrated circuit (IC) logic PC boards while the power is **ON**.

<u>Do Not</u> use any fuse that does not meet the specified rating.

<u>Do Not</u> subject the game cabinet to extreme temperature variations. Reliability of electrical components deteriorates rapidly over 60 ºC.

MACHINE INSTALLATION AND INSPECTION

When installing and inspecting *Virtual Rabbids: The Big Ride*, be very careful of the following points and pay attention to ensure that the players can enjoy the game safely.

- Be sure to turn the power **OFF** before working on the machine.

> **WARNING:** <u>Always</u> turn **OFF** mains power before removing safety covers and refit all safety covers when work is completed.

- Make sure the power cord is not exposed on the surface (floor, ground, etc.) where people walk.

- Check that the rubber glide feet levellers are set correctly on the floor so that the game cabinet is level and stable.

- Always make complete connections for the integrated circuit (IC) logic PC Boards and other connectors. Insufficient insertion can damage the electrical components.

> **CAUTION:** <u>Before</u> switching the machine on be sure to check that the sticker next to the AC main input plug indicates the correct voltage for your area!

> **WARNING:** **Do not** use extension cords or power boards to power the game – it needs to be connected to a single wall outlet only.

> **WARNING:** Only use the power cord supplied with your machine.

- Only qualified personnel should inspect or test the integrated circuit (IC) logic PC Boards.

- If any integrated circuit (IC) logic PC Boards should need servicing, please contact the nearest LAI Games Distributor (refer to the back page of this manual).

INTRODUCTION

Congratulations on your purchase of *Virtual Rabbids: The Big Ride* by LAI Games. We hope you take the time to read this manual and learn about the many features and user-friendly adjustments that can be made to fine-tune the game for maximum earning potential.

> **NOTE:** This manual covers information for all configurations and versions of Virtual Rabbids, including *Virtual Rabbids: The Big Ride Ultra HD*

DESCRIPTION

Virtual Rabbids: The Big Ride is the industry's first attendant-free VR attraction. Developed from the ground up by LAI Games to operate like any other coin-op amusement game, *Virtual Rabbids: The Big Ride* was created in partnership with Ubisoft, and provides an approachable, high-quality VR experience for everyone.

PACKAGING
CONTENTS

- Operator Manual
- 1 x Power plug and cord
- 3 x Coin door key
- 2 x DBA harness
- 1 x Optional NRI harness
- 1 x Coin blanking plate
- 2 x Coin door Embed plate
- 1500 x Face masks
- 6 x Headset face padding
- 6 x Head strap
- 1 x Headset cleaner
- 1 x Allen key 2.5
- 1 x Alley key 3
- 1 x Allen key 4
- 1 x Wrench 8
- 1 x Wrench 10
- 1 x Wrench 17
- 1 x Loctite 242
- 1 x Loctite 263
- 100 x Cable ties
- 3 x Wipe canisters

SPECIFICATIONS

POWER

> **WARNING:** Please check the serial number sticker on your machine to verify the power requirements for your game.

- **~110 Volts**
- 9 Amps
- 900 Watts
- 50Hz / 60Hz

- **~240 Volts**
- 4.5 Amps
- 900 Watts
- 50Hz / 60Hz

LOCATION REQUIREMENTS

- Ambient temperature: 5C - 40C
- Ambient humidity: Low
- Ambient U.V. radiation: Very low
- Vibrations level: Low

> **WARNING:** **Do not** use extension cords or power boards to power the game – it needs to be connected to a single wall outlet only.

> **WARNING:** Only use the power cord supplied with your machine.

DIMENSIONS – STANDARD VERSION

- Weight: 570kg   (1256.63lb)   (without packaging)
- Weight: 800kg   (1763.7lb)   (with packaging)
- Height: 2948.82mm   (116.10")   (without header)
- Height: 3432mm   (135.1")   (with header)
- Width: 1521.59mm   (59.91")
- Length: 3190.3mm   (125.6")
- Monitor: 1397mm   (55")
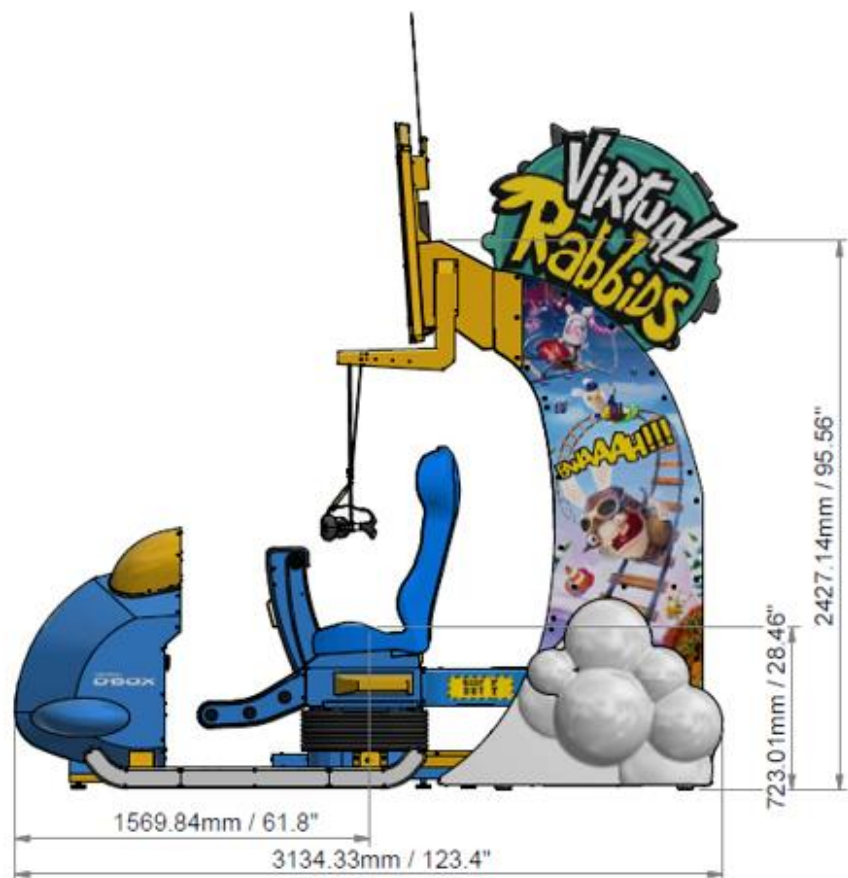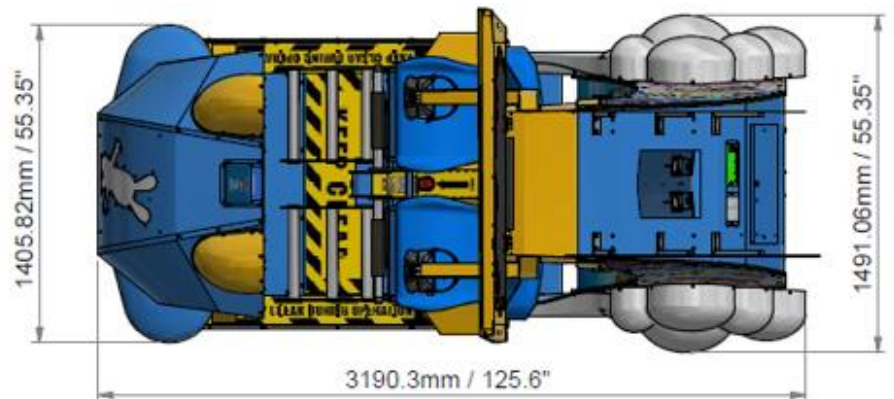
DIMENSIONS – COMPACT VERSION

- Weight: 545kg   (1201.52lb)   (without packaging)
- Weight: 775kg   (1708.58lb)   (with packaging)
- Height: 2535.8mm   (99.83")
- Width: 1491mm   (58.7")
- Length: 3123.4mm   (122.96")
- Monitor: 812.8mm   (32")

12
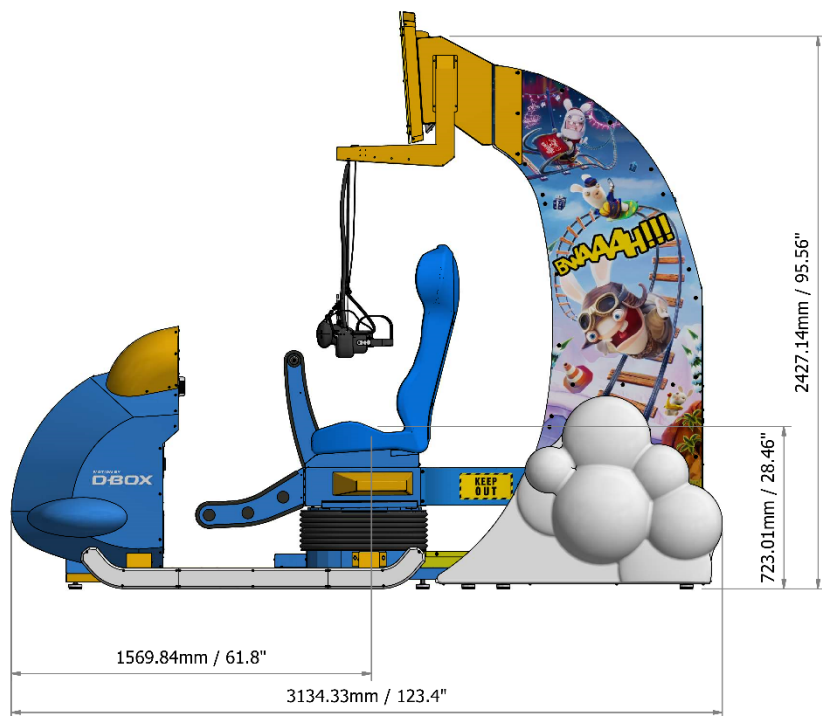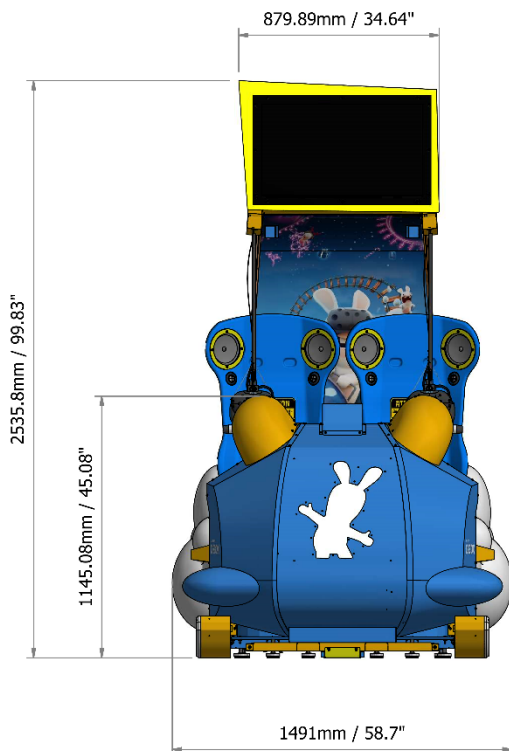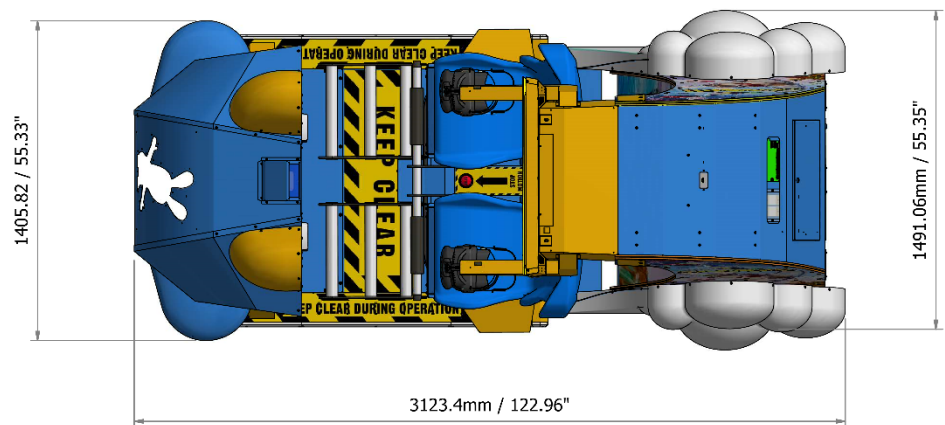
DIMENSIONS – MINI VERSION

- Weight: 490kg   (1080.27lb)   (without packaging)
- Weight: 720kg   (1587.33lb)   (with packaging)
- Height: 2060.48mm   (81.12")
- Width: 1491mm   (58.7")
- Length: 3143.33mm   (123.75")
- Monitor: 711.2mm   (55")
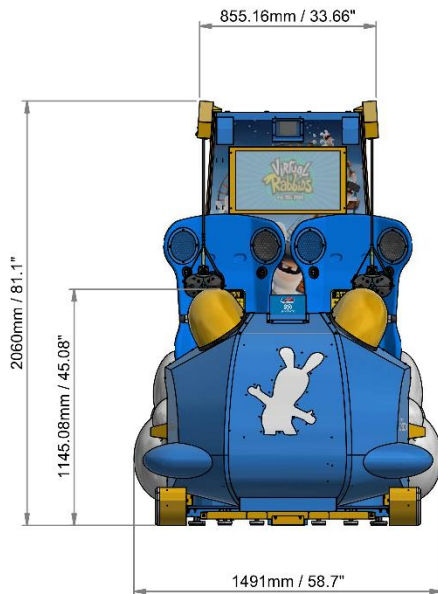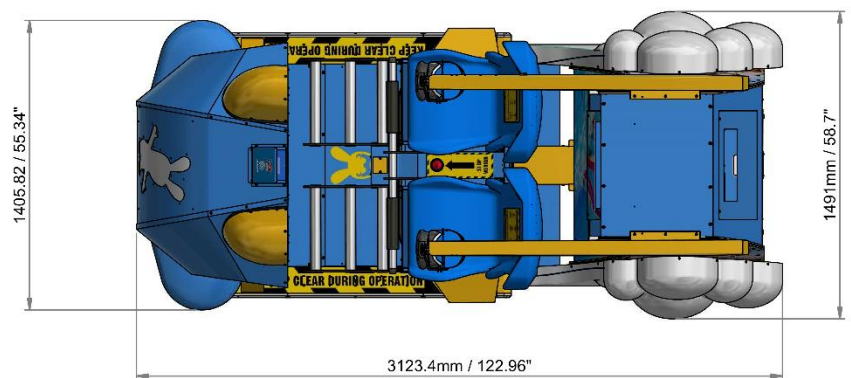
DIMENSIONS – ULTRA HD STANDARD VERSION

- Weight: 570kg   (1256.63lb)   (without packaging)
- Weight: 800kg   (1763.7lb)   (with packaging)
- Height: 2956.6mm   (116.4")   (without header)
- Height: 3445mm   (135.6")   (with header)
- Width: 1492.4mm   (58.8")
- Length: 3194mm   (125.7")
- Monitor: 1397mm   (55")

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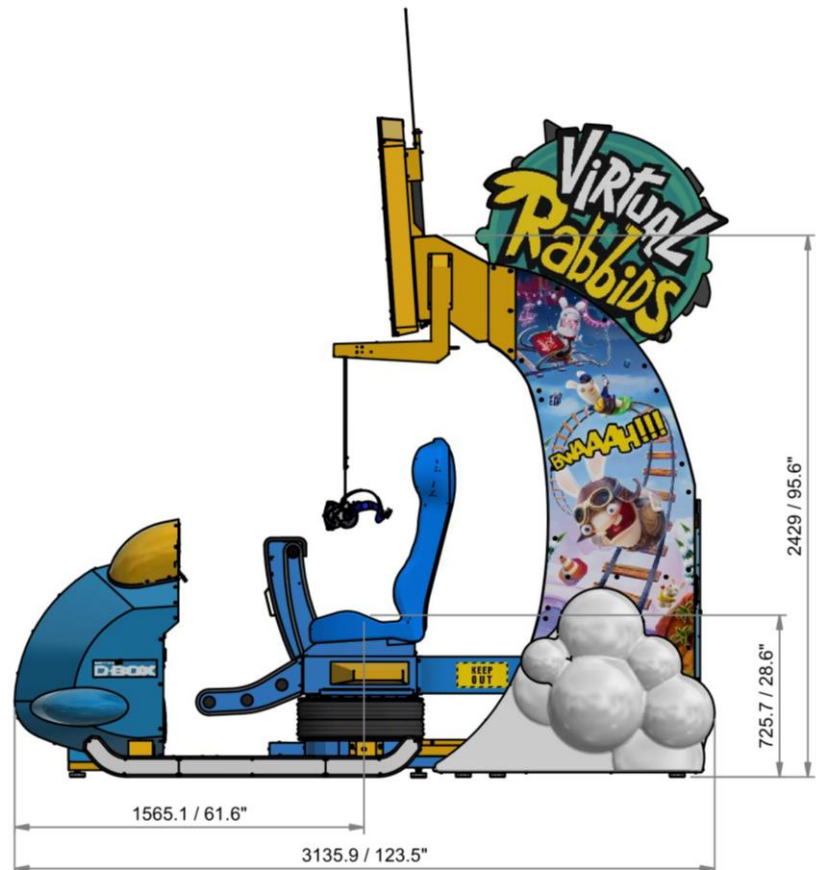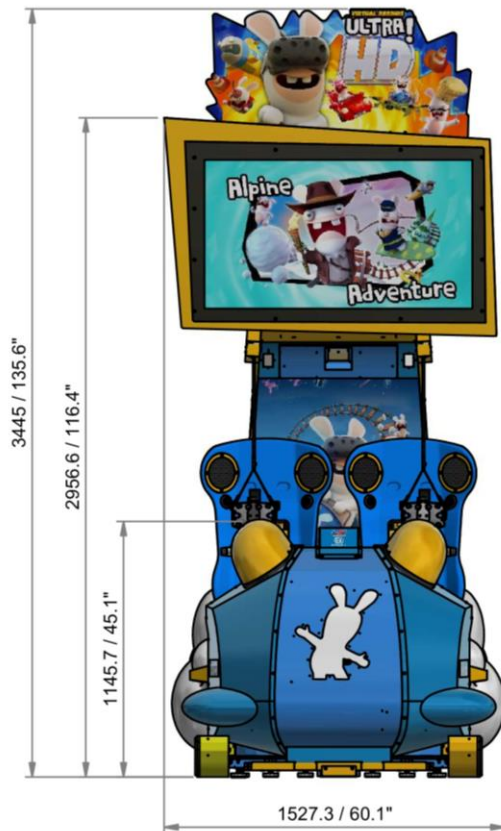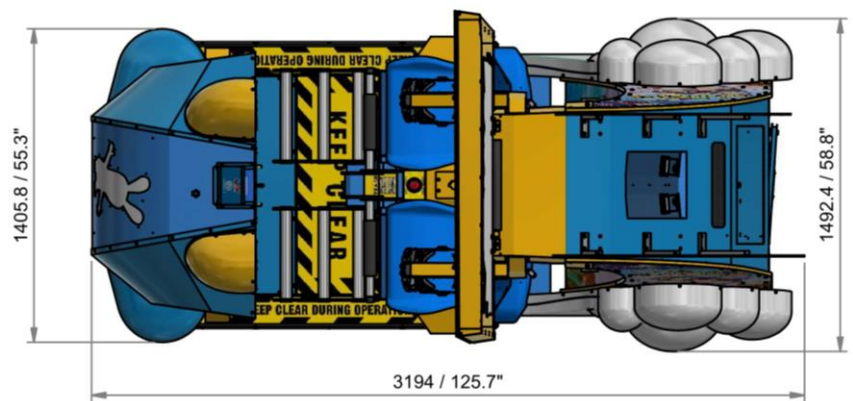
DIMENSIONS – ULTRA HD COMPACT VERSION

- Weight: 570kg   (1256.63lb)   (without packaging)
- Weight: 800kg   (1763.7lb)   (with packaging)
- Height: 2956.6mm   (116.4")   (without header)
- Height: 3445mm   (135.6")   (with header)
- Width: 1492.4mm   (58.8")
- Length: 3194mm   (125.7")
- Monitor: 1397mm   (55")

PARTS DETAILED

Top Front Header

Monitor Assembly

Top Cross Member Assembly

Dust Cloud Assembly RH

Hygiene Kit Wipes Bin

Ski Assembly RH

Front Sled Assembly

Bottom Base Cover

Top Side Header RH

Front Header Backlight

Top Side Header LH

Main Tower Assembly

Seats

Dust Cloud Assembly LH

Motion Base Platform

Ski Assembly LH
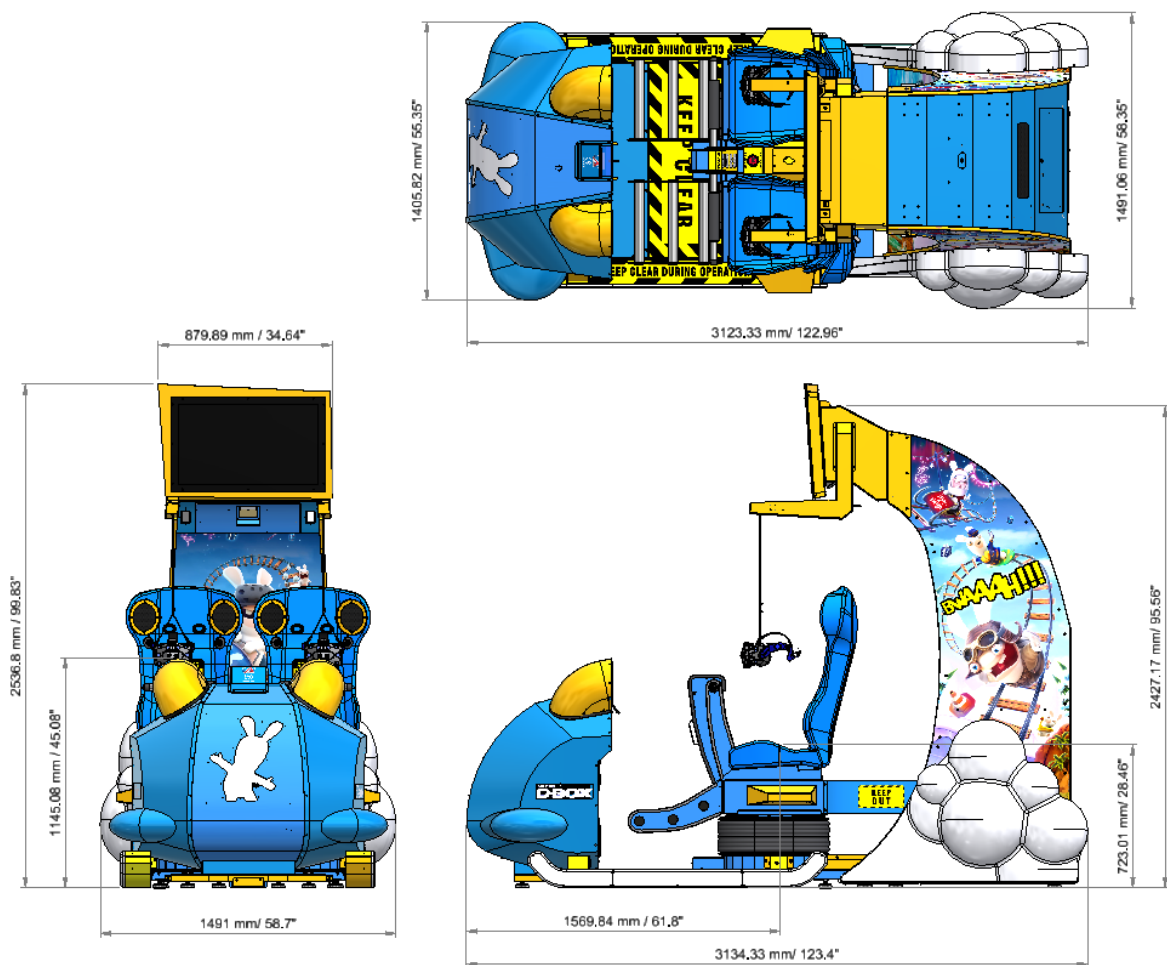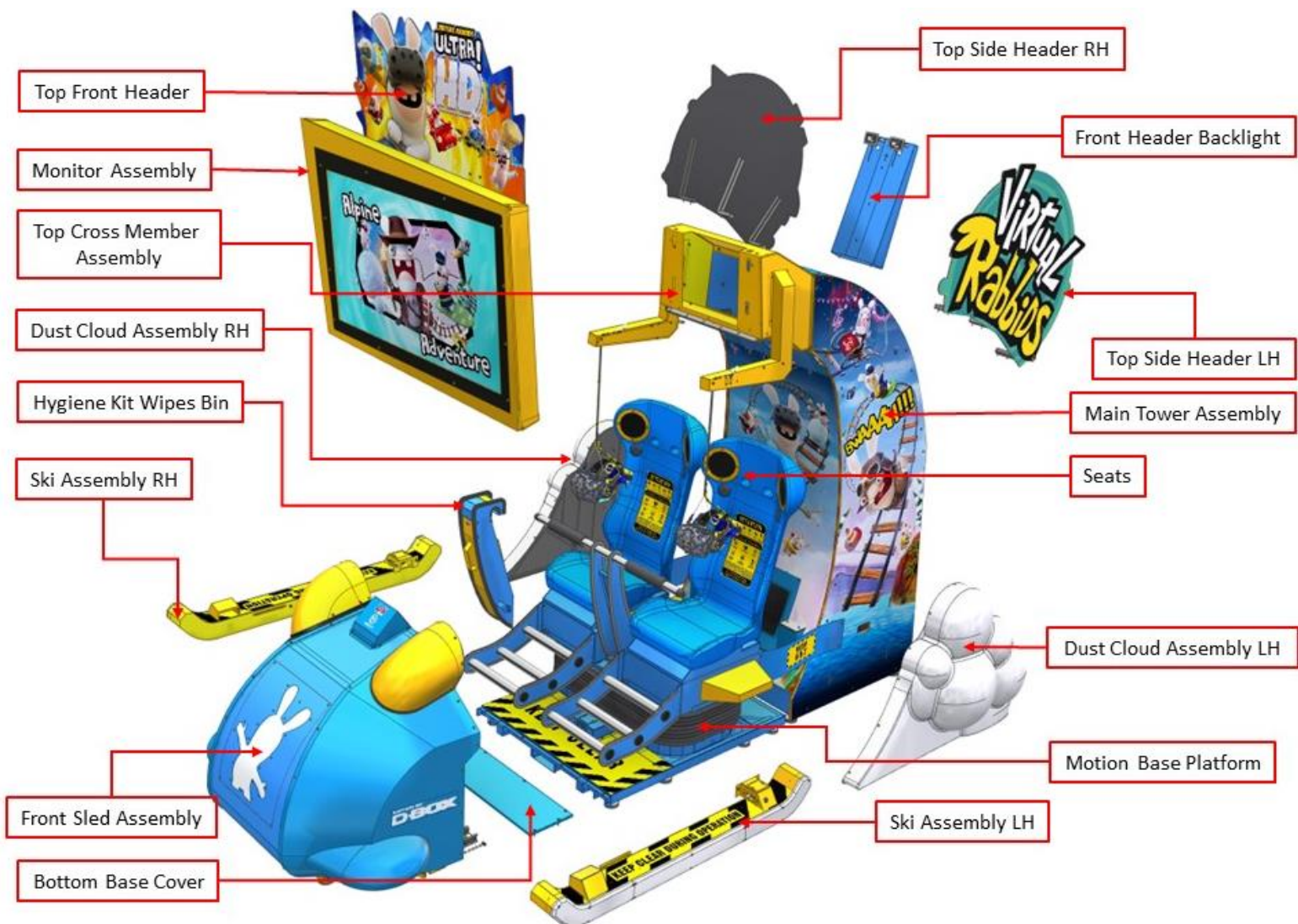
CAUTION: If you are moving your Virtual Rabbids unit to another location, ensure that the motion base actuators are fully retracted and strapped down in this position. Moving the motion base without ensuring this can cause serious damage to the motion base.

VERSION COMPARISON

Standard Version

Compact Version

Mini Version

Ultra HD Version

Ultra HD Compact Version

NOTE: The below assembly procedure covers standard, compact and mini versions of Virtual Rabbids. Please ensure you identify your version and follow the steps outlined for that version. Instructions for Ultra HD Standard and Compact can be found under the Ultra HD Assembly heading, as a standalone set of instructions.

ASSEMBLY

STANDARD VERSION

To assemble a standard version Virtual Rabbids unit, please follow the steps directly below. To assemble a compact or mini version unit, please skip ahead to the section titled "Compact Version" or "Mini Version".

1. Position and align the top cross frame at the top of the tower
2. Secure it using 6x M6 screws on the external side, and 6x M5 nuts from within the tower

3. Align and install the side hanger assembly by inserting the connector through the cable access holes into the side of the top cross frame
4. Position and align studs into the holes and install using 4x M5 flange nut internally
5. Connect the grounding point
6. Complete the above steps on the opposite side of the tower

7. Ensure that the top cross member is secured before moving on
8. Take the headset cables and carefully thread them along the internal sides of the tower, until positioned behind the PC
9. Locate the internal support brackets and tie the cables to prevent stress on cable connections during game play. Ensure headset cables are not tied near AC monitor power

10. Connect the headset cables to their specified inputs at each link box
11. Use the labels to ensure that each headset cable is connected to the correct link box

12. Align and hook the monitor assembly to the 4 slotted holes in top cross frame and push the monitor down, sliding into place.
13. Insert the monitor LED connector through the cable access hole and plug it in internally
14. Secure the frame using 2x M10 hex bolts and washers

SLOTS
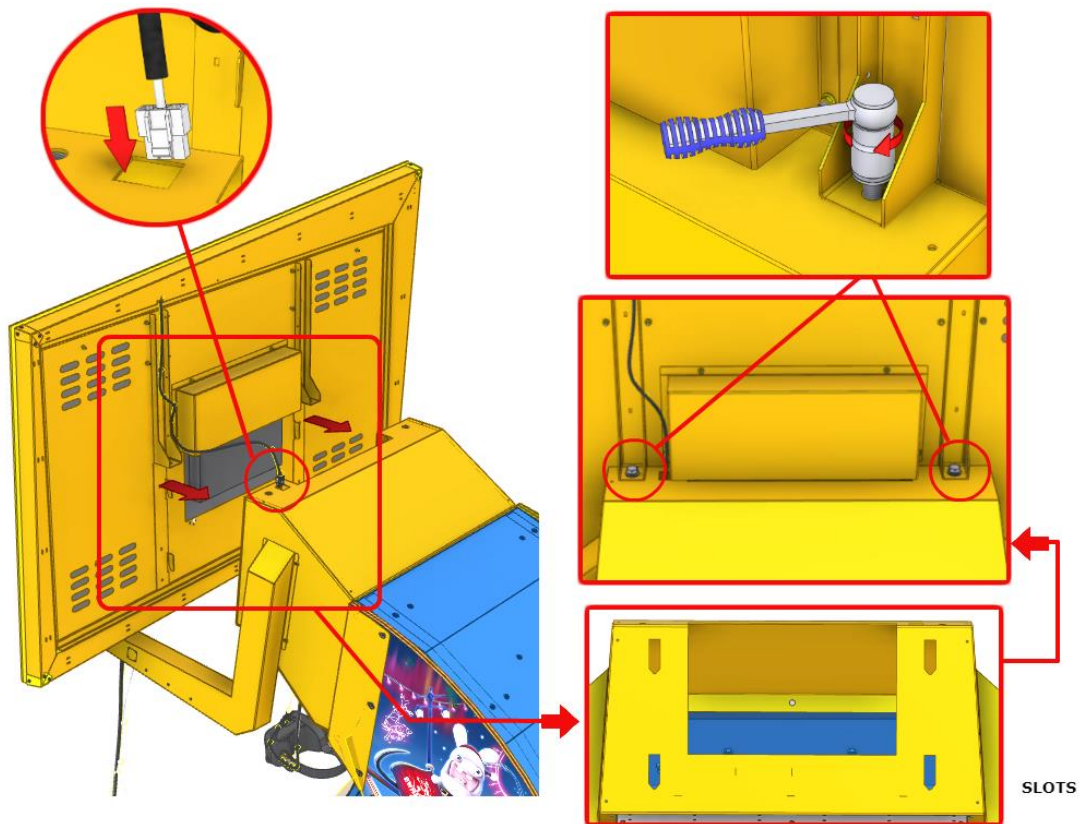
15. Remove the 8x M5 flange nuts behind the monitor assembly
16. Align the header mounting brackets with the studs from behind the monitor frame
17. Secure it using the 8x M5 flange nuts that were removed

CAUTION: Take care not to damage the connector cables for the header while installing the LCD frame.
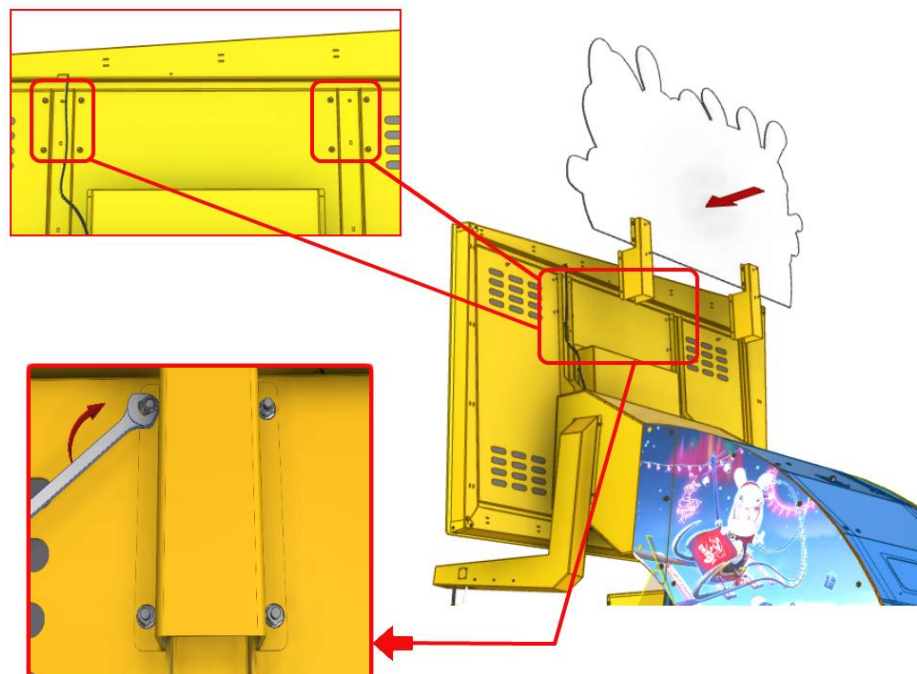
18. Open the tower base station hatch at the front of the tower
19. Plug in the DVI and power cable for the LCD screen, and connect the grounding point
20. Close the hatch

> **CAUTION:** Take care when opening this panel as the base stations can be damaged by shock.

21. Locate both top side headers, and position them on top of the tower
22. Secure them using 6x M6 screws and washers per header
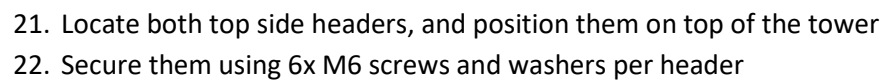
23. Install the front header backlight assembly using 2x M6 screws and washers
24. Plug in the connector as shown below
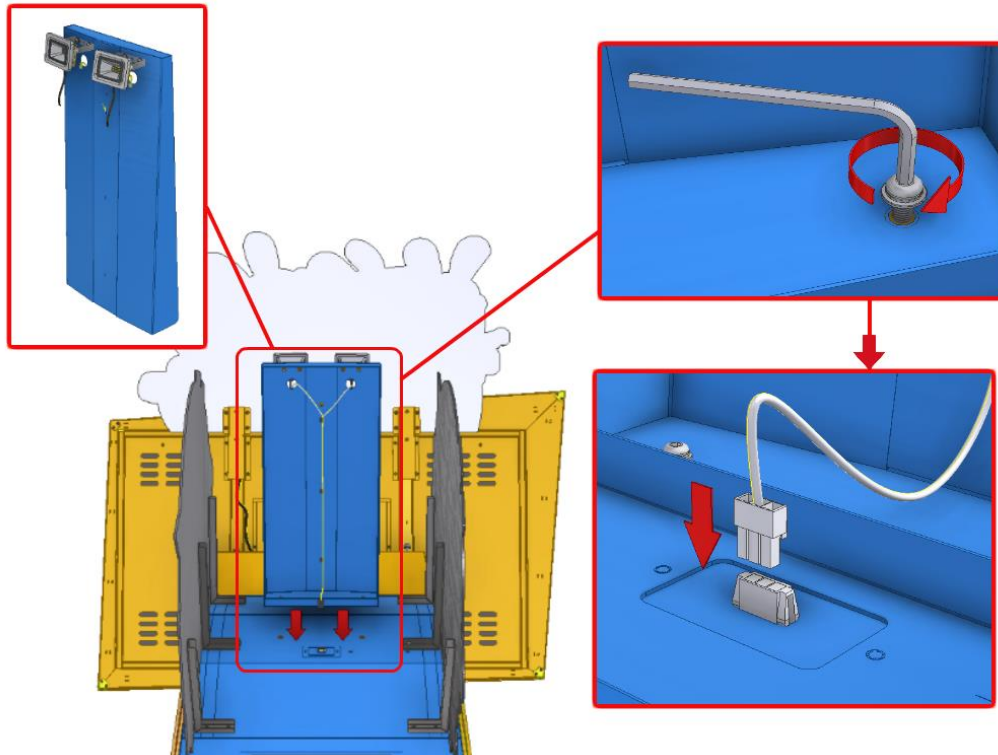
COMPACT VERSION

To continue assembling a standard version unit, please skip this section and continue on to step 25.

To assemble a compact version unit, please start at the steps directly below.

1. Position and align the top cross frame at the top of the tower
2. Secure it using 6x M6 screws on the external side, and 6x M5 nuts from within the tower

3. Align and install the side hanger assembly by inserting the connector through the cable access holes into the side of the top cross frame
4. Position and align studs into the holes and install using 4x M5 flange nut internally
5. Connect the grounding point
6. Complete the above steps on the opposite side of the tower

7. Ensure that the top cross member is secured before moving on
8. Take the headset cables and carefully thread them along the internal sides of the tower, until positioned behind the PC
9. Locate the internal support brackets and tie the cables to prevent stress on cable connections during game play. Ensure headset cables are not tied near AC monitor power

10. Connect the headset cables to their specified inputs at each link box
11. Use the labels to ensure that each headset cable is connected to the correct link box

12. Align the monitor assembly to the 4 slotted holes in top cross frame
13. Secure it using 2x M10 hex bolts and washers from the top first, and 4x M5 flange nuts internally

14. Open the tower base station hatch at the front of the tower
15. Plug in the DVI and power cable for the LCD screen, and connect the grounding point
16. Close the hatch

> **CAUTION:** Take care when opening this panel as the base stations can be damaged by shock.

MINI VERSION

To continue assembling a standard or compact version unit, please skip this section and continue on to step 25. To assemble a mini version unit, please start at the steps directly below.

1. Insert the harness connector through the access hole. Position and align one of the tower headset arms

2. Secure it using 3x M4 flange nuts from the top and 2x M6 knockdown screws on the side
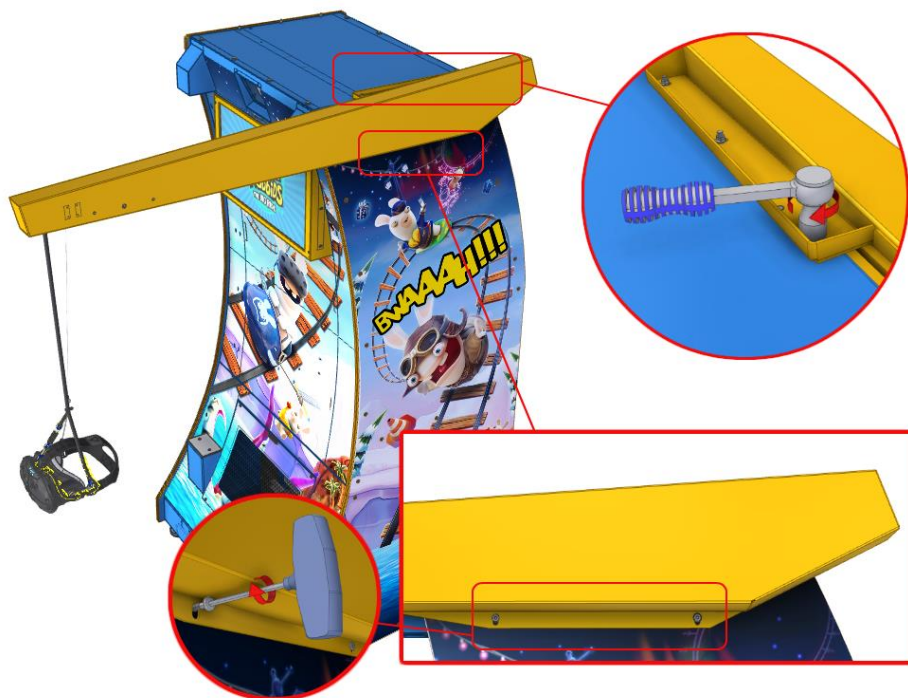
3. Remove 2x button head screws from the top rear access door and set aside
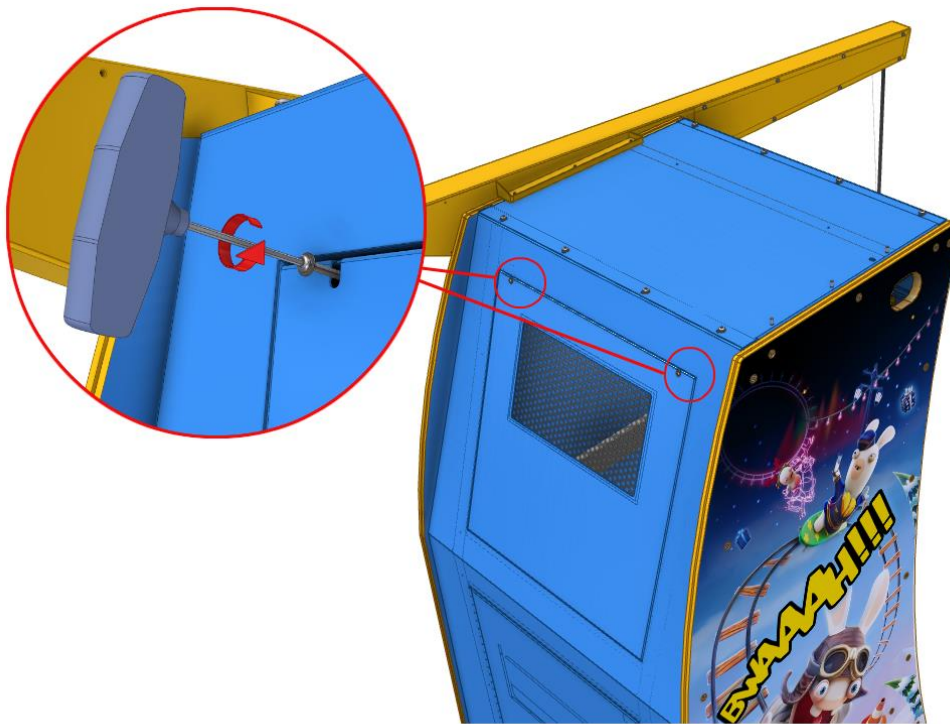
4. Connect the grounding point for the headset arm internally
5. Repeat the same procedure for the opposite headset arm
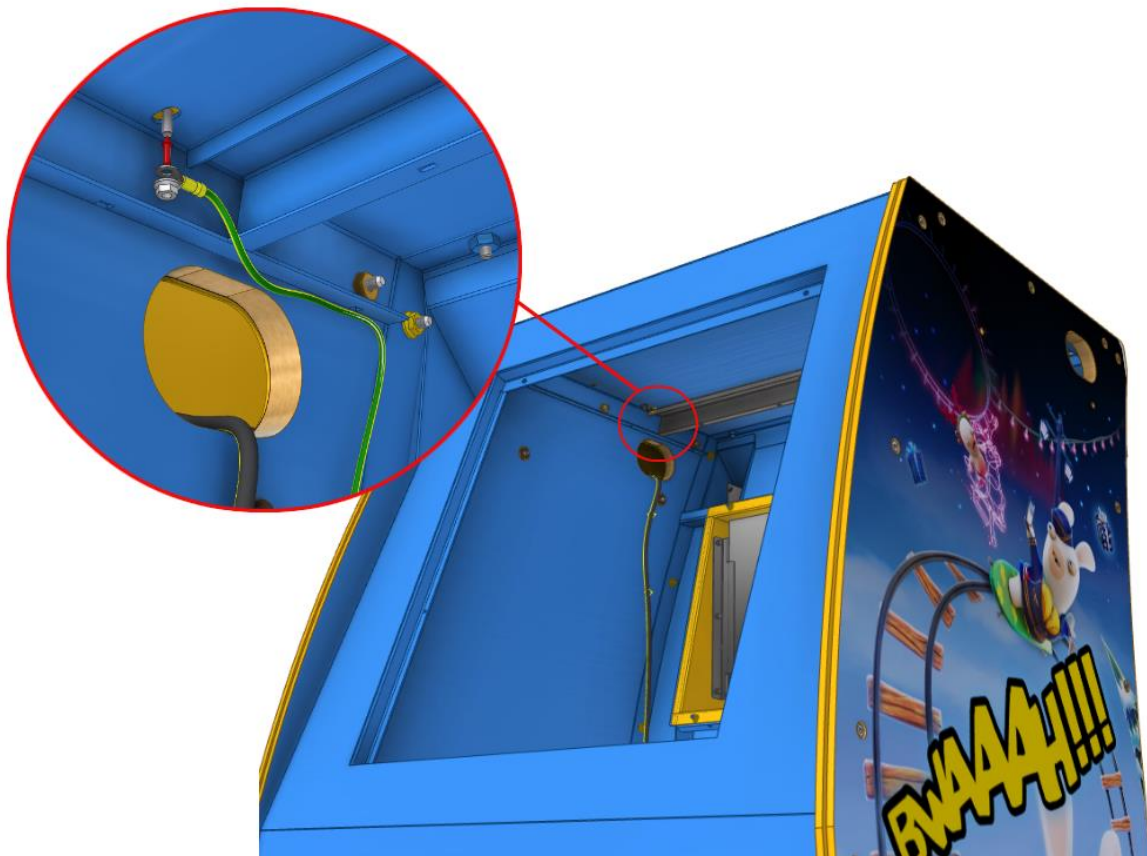
6. Take the headset cables and carefully thread them along the internal side of the tower, until positioned behind the PC

7. Locate the internal securing points and tie the cables to prevent stress on the cable connections during game play. **Ensure headset cables are not tied near the AC monitor power**
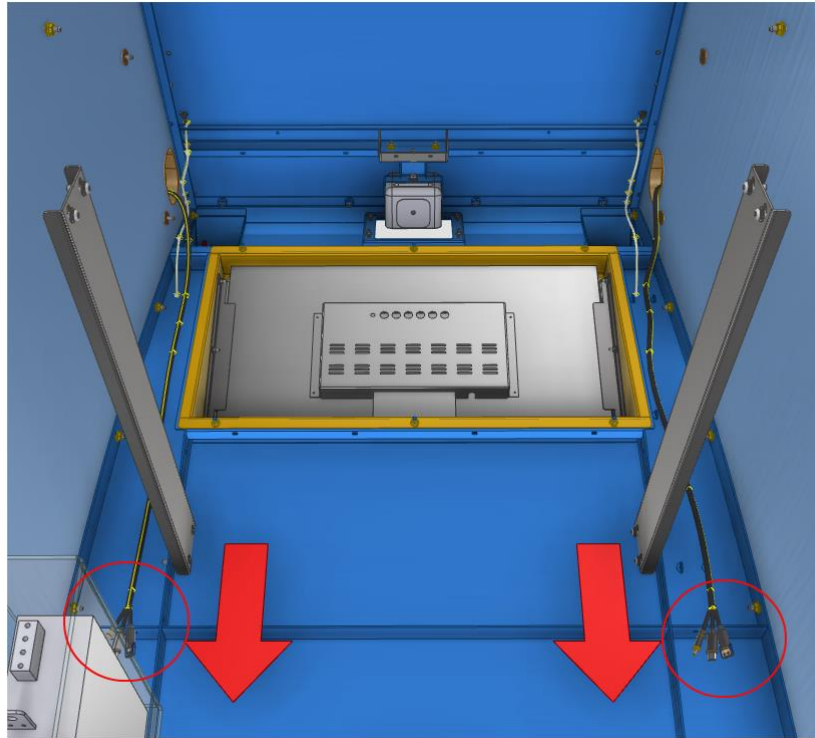
8. Connect the headset cables to their specified inputs on each link box. Use the labels to ensure that each headset cable is connected to the correct link box
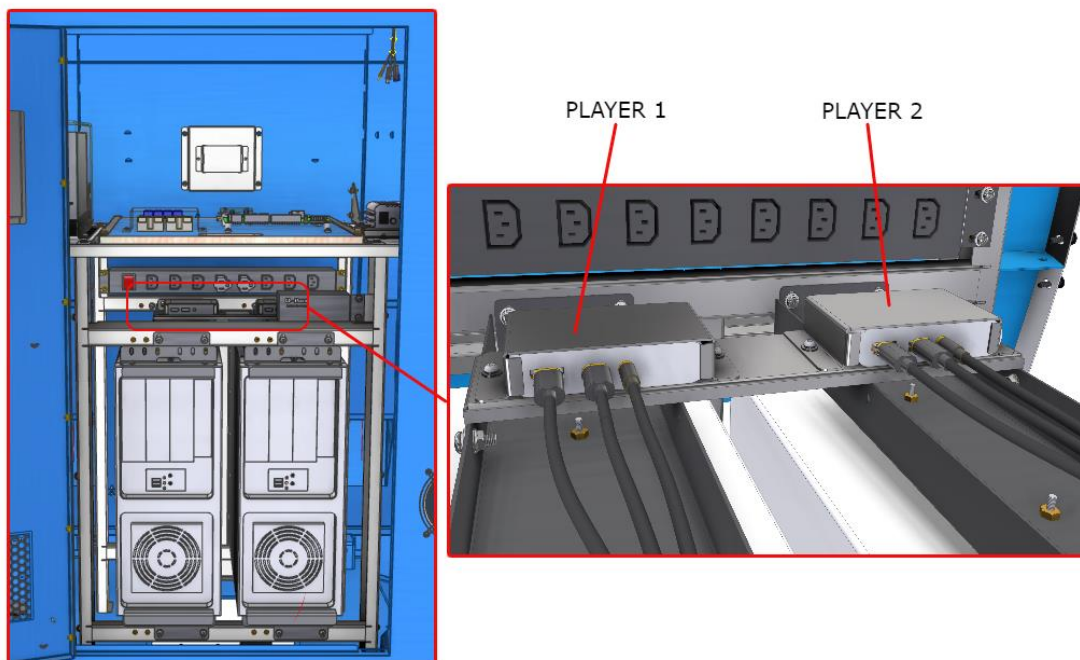
9. Close bottom door and the top access door

CONTINUE ASSEMBLY

Standard, compact and mini version unit assembly instructions continue below.

25. Open the rear or front access doors in preparation for installing the dust clouds

REAR ACCESS

FRONT ACCESS

26. Feed the connector plug through the access holes on the right hand side of the tower
27. Align the right hand dust cloud with the 4x slotted holes at the side of the tower, pushing down to slide it into place
28. Secure it using 1 x M6 screw and washer as shown and plug in the connector
29. Repeat the previous four steps on the opposite side

30. Remove the hygiene kit cover panel.
31. Set aside cover panel and take out the internal foam parts.
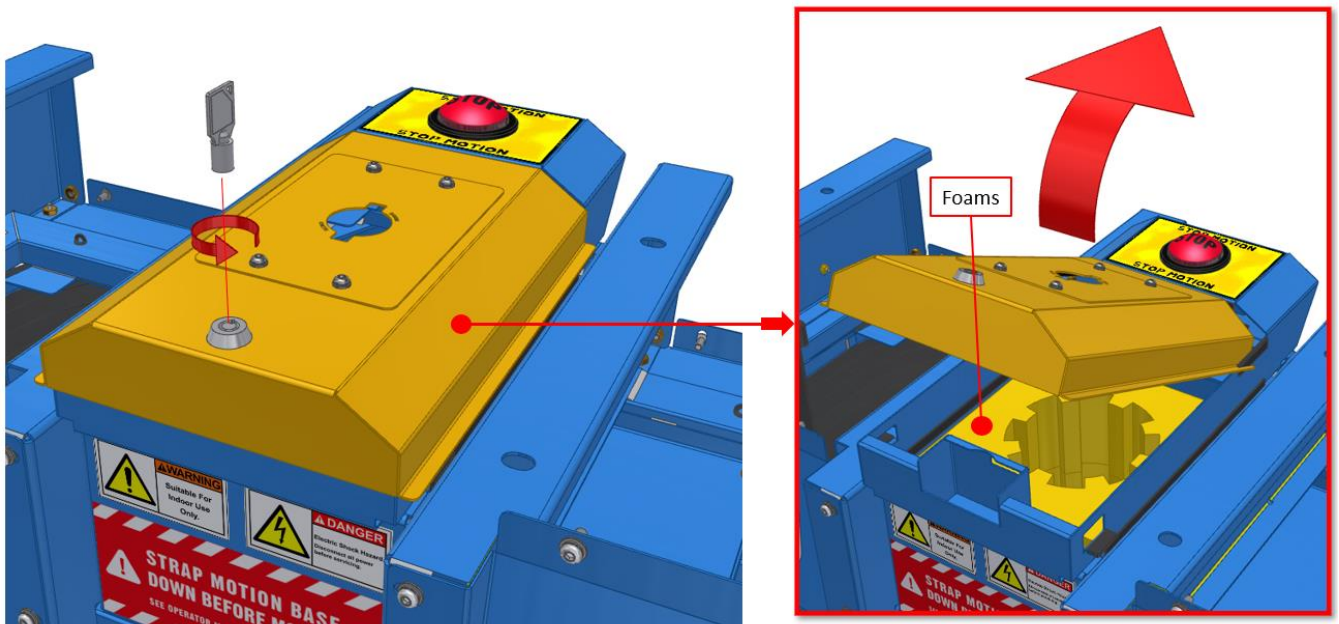
32. Take the player handle, and remove 4x M10 locknuts and put them aside
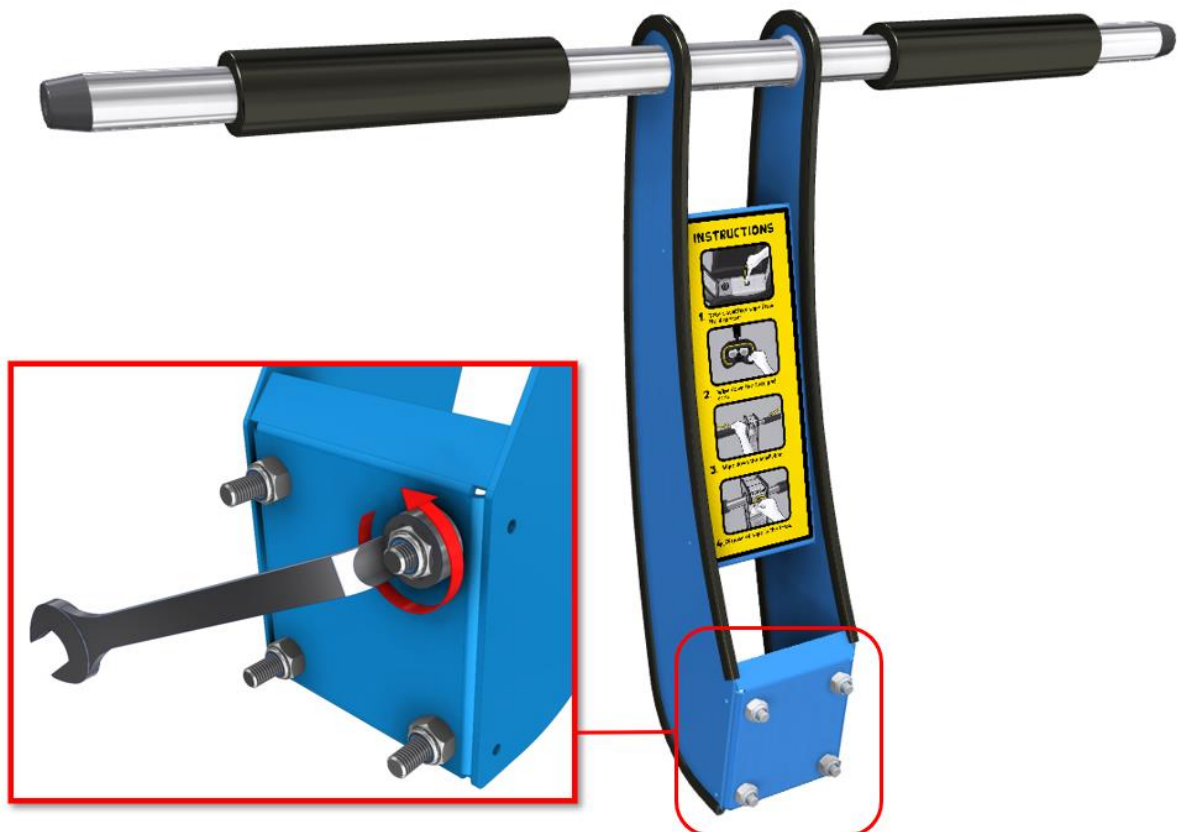
33. Align the player handle studs to the holes
34. Holding the handle in place, secure it using 3x M10 lock nuts
35. Install M10 grounding plate followed by 1x lock nut
36. Connect the grounding connector to the plate
37. Reinstall the foam parts together with a new wipe canister
38. Install the cover panel in place and lock it
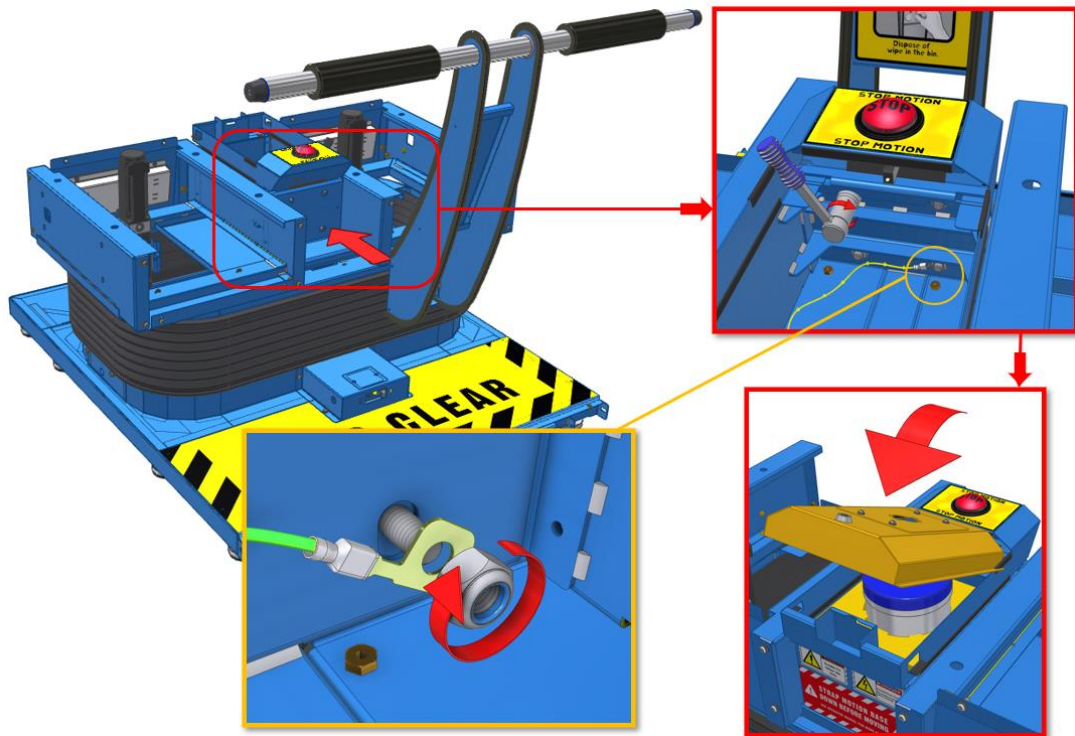
39. Attach the wings and grounding point for each wing, using 4 x M6 flange nuts and washers per wing
40. Ensure that Loctite 242 is applied to these studs.
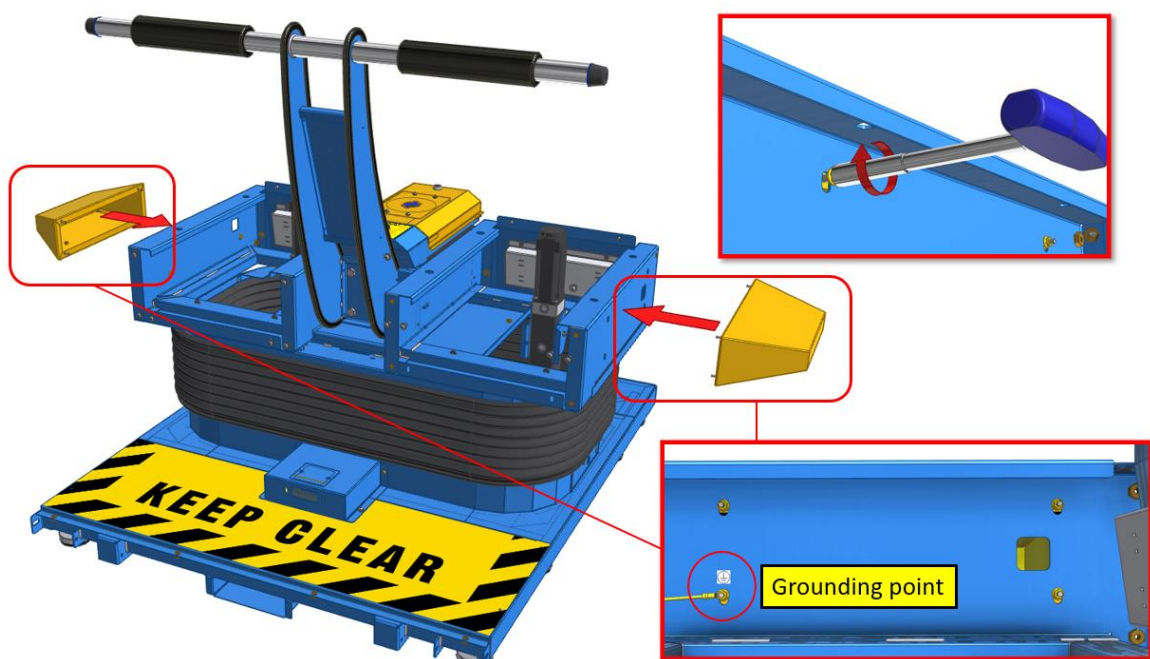
41. Take out and prepare the two seats for installation by removing 4x M10 lock nuts and 2x button head screws per seat
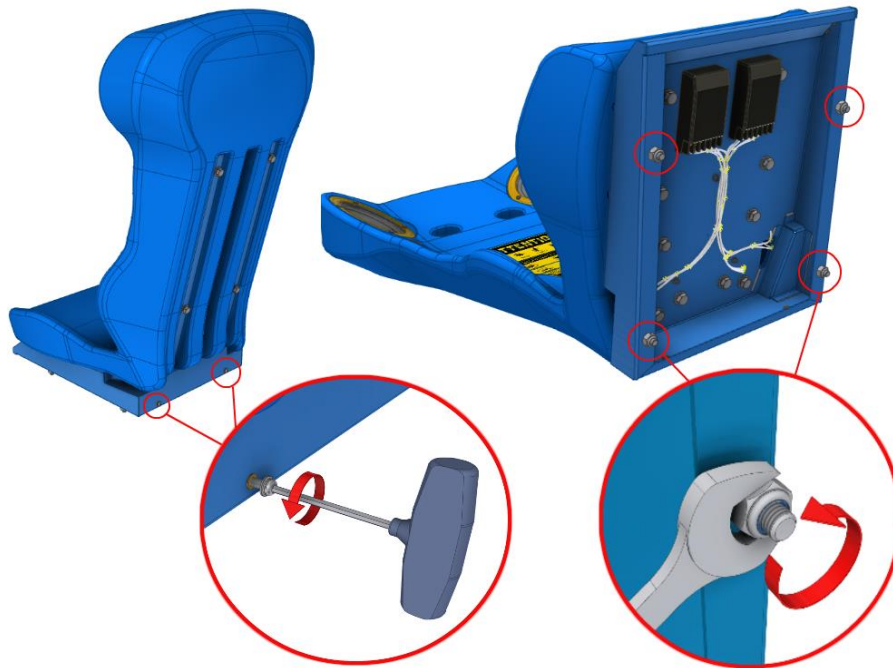
42. Align the first seat with the mounting holes of the frame
43. Secure it using the 4x M10 lock nuts removed previously
44. Plug in the connectors for the speakers
45. Repeat the previous three steps on the other seat
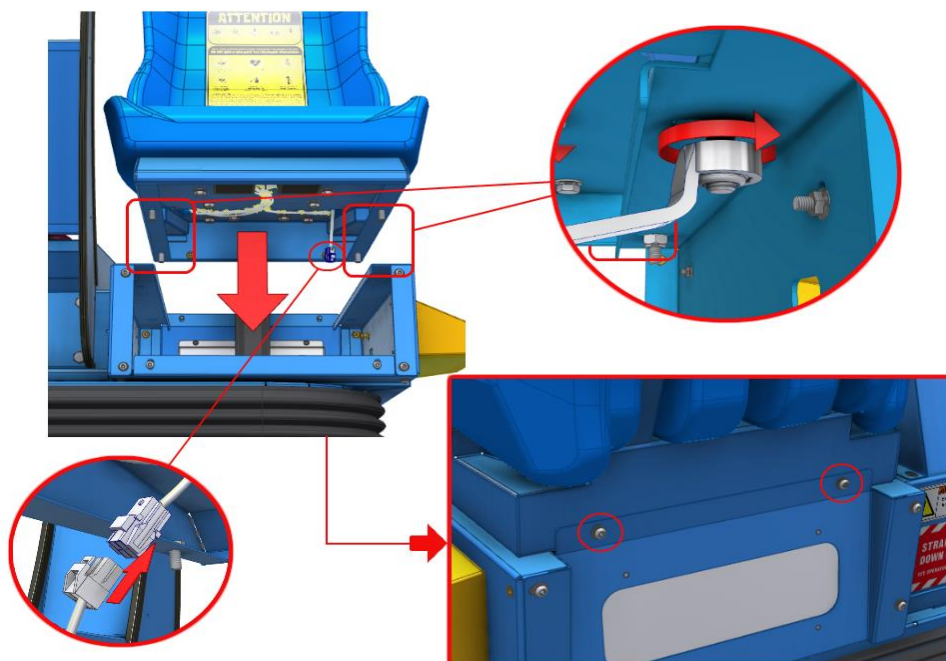
46. Take out 8x button head screws from the motion base and 2x button head screws from each footrest
47. Lean the footrest near the front of the motion base seat and connect the grounding point
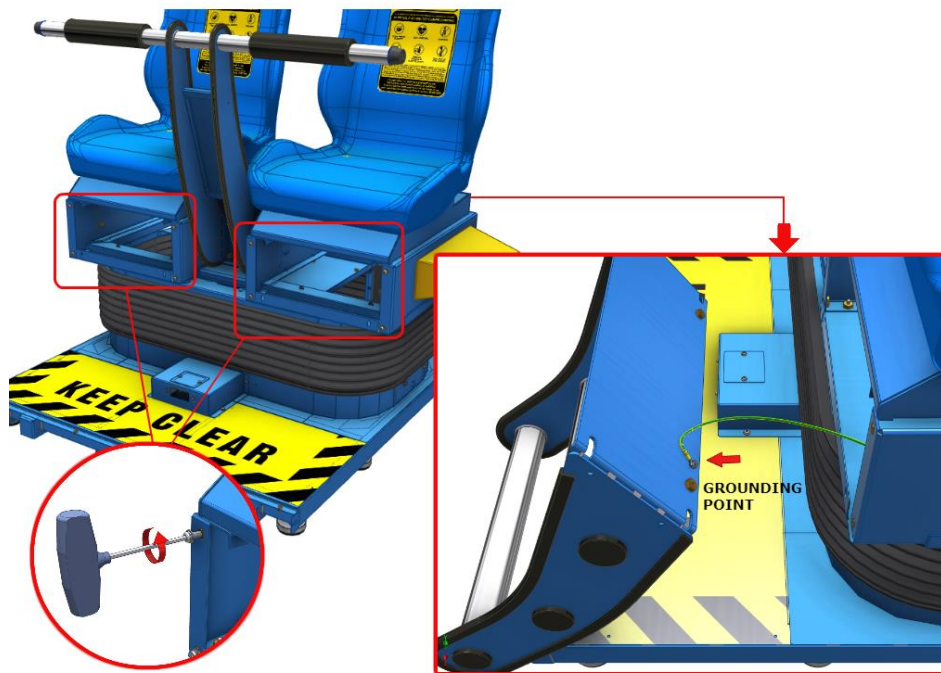
48. Take the footrest and slide it down into place on the motion base, aligning the mounting holes as shown below
49. Secure it using 6x M6 screws and washers. Ensure Loctite 242 is applied to these screws.
50. Repeat the previous two steps on the opposite side
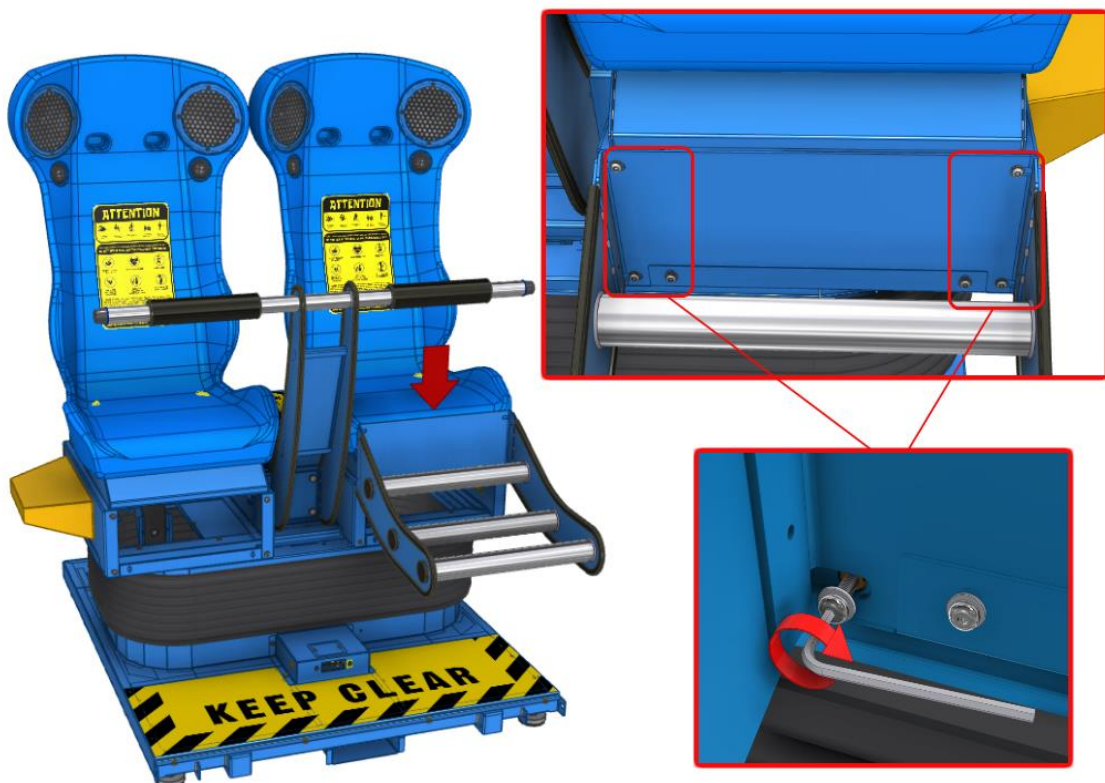
51. Install the rear cable trunking panel using 2x M6 hex bolts and washers
52. Pull out the external cables from the motion base
53. Install the cover using 4x M6 screws and washers
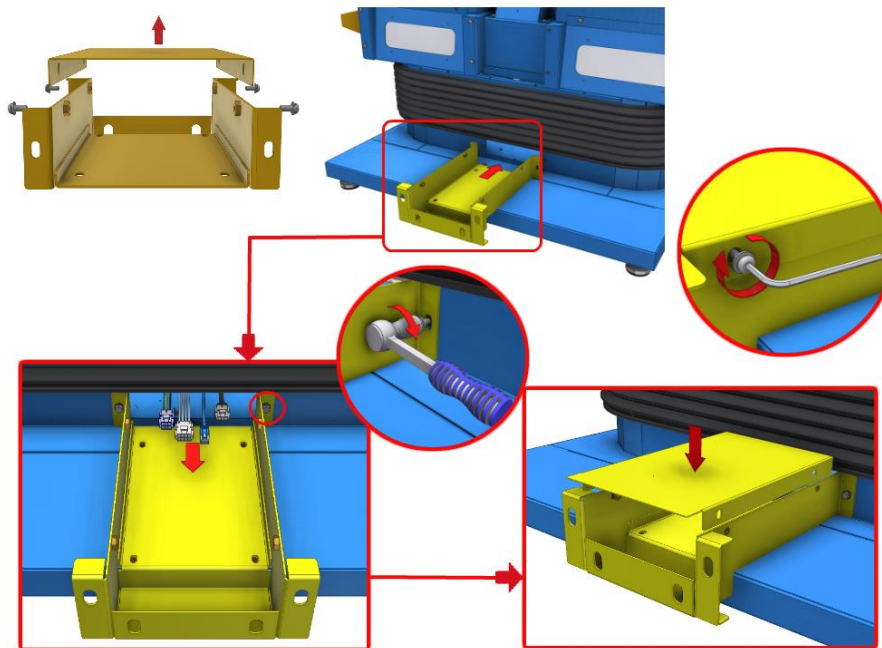
54. Remove the 4x M10 lock nuts from the tower cable access area
55. Push the motion base and push it towards the tower, aligning it with the tower studs
56. Insert the connectors and cables into the cable access hole
57. Secure using the same 4x M10 lock nuts that were removed previously
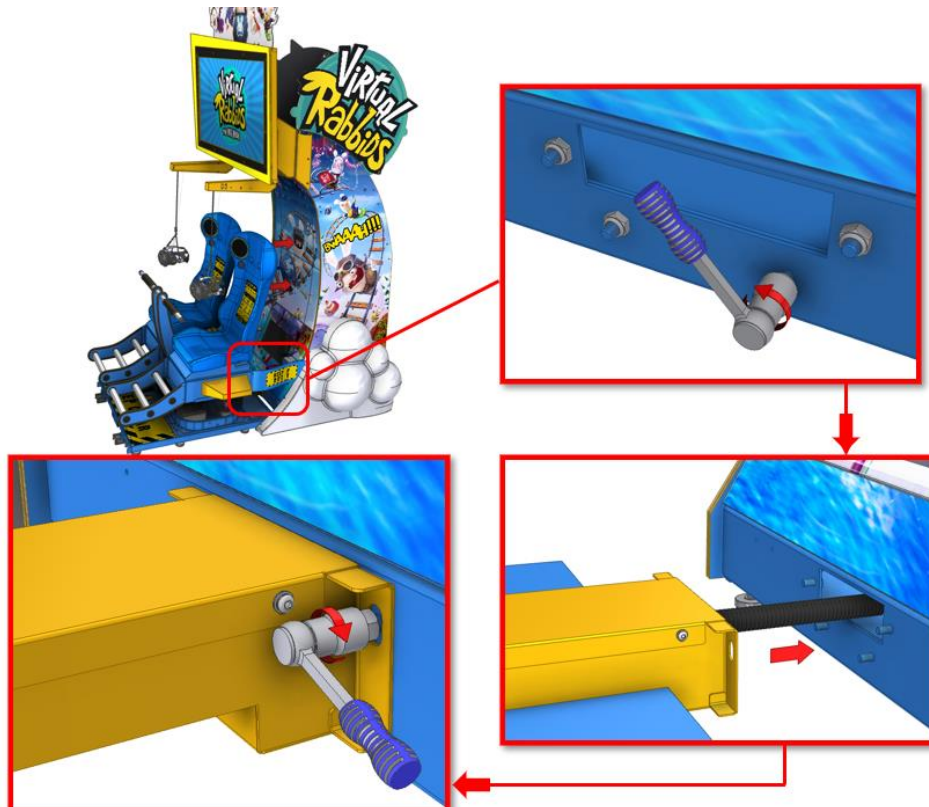
58. Open the lower front door on the tower
59. Plug in all connectors from the motion base to the connector panel inside the tower, and close the door
60. Install the warning signs to the motion base platform using 2x M6 screws and washers. Ensure Loctite 242 is applied to these screws.
61. Complete the above step on the opposite side

CAT5 + JOINER

VL 6 WAY

VL 8 WAY

VL 3 WAY

VL 15 WAY
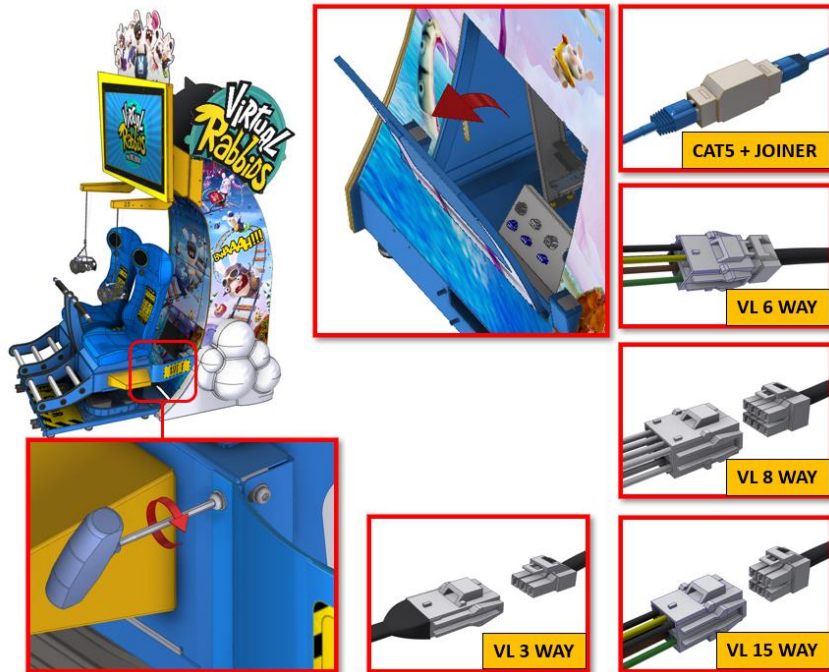
62. Align the front sled with the motion base, and install the link brackets using the screws previously removed from the motion base
63. Install the chain link, using the same screws removed from the motion base. Note that bolts should be centred in the slots for the link brackets before tightening the chain link
64. Complete the same procedure on the opposite side
65. Plug in all the connectors to the sled assembly

SEE NOTE
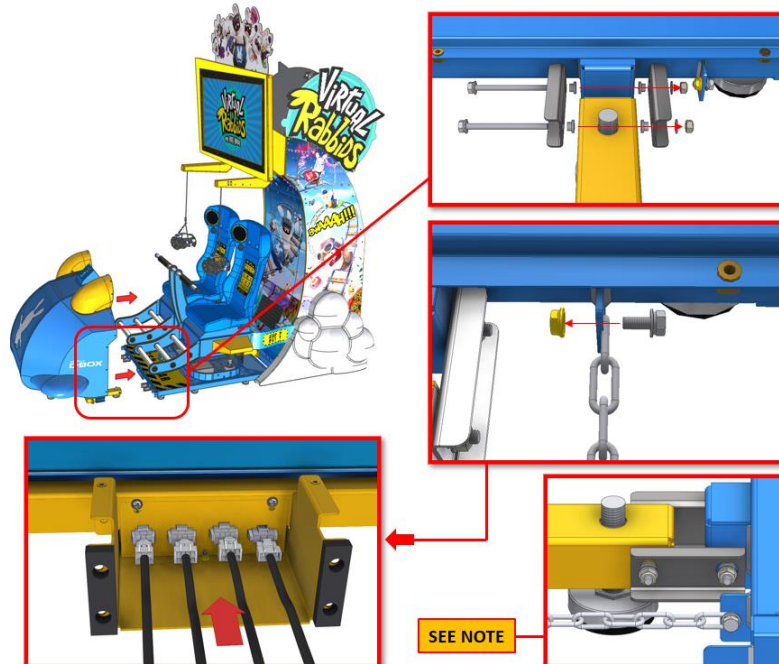
66. Align the side ski to one side of the platform
67. Connect the plug to the motion base outlet, as shown below
68. Secure the ski using the same 3x M6 hex bolts and washers removed from the motion base (one front, two back)
69. Complete the above three steps on the opposite side
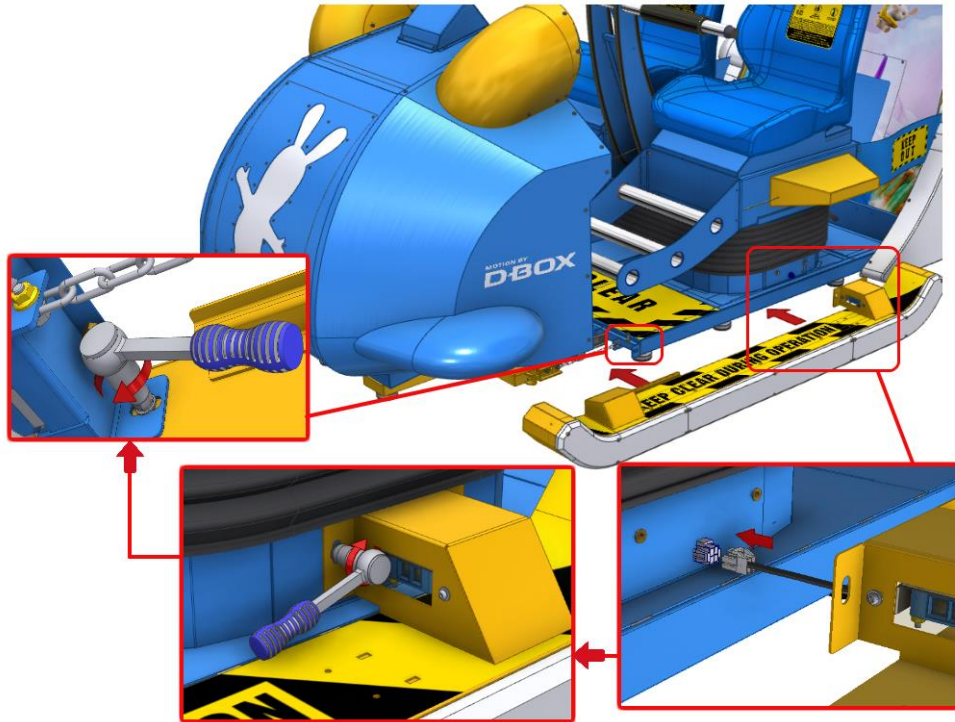
70. Position and align the floor cable covers as shown
71. Secure them using 8x M6 screws and washers
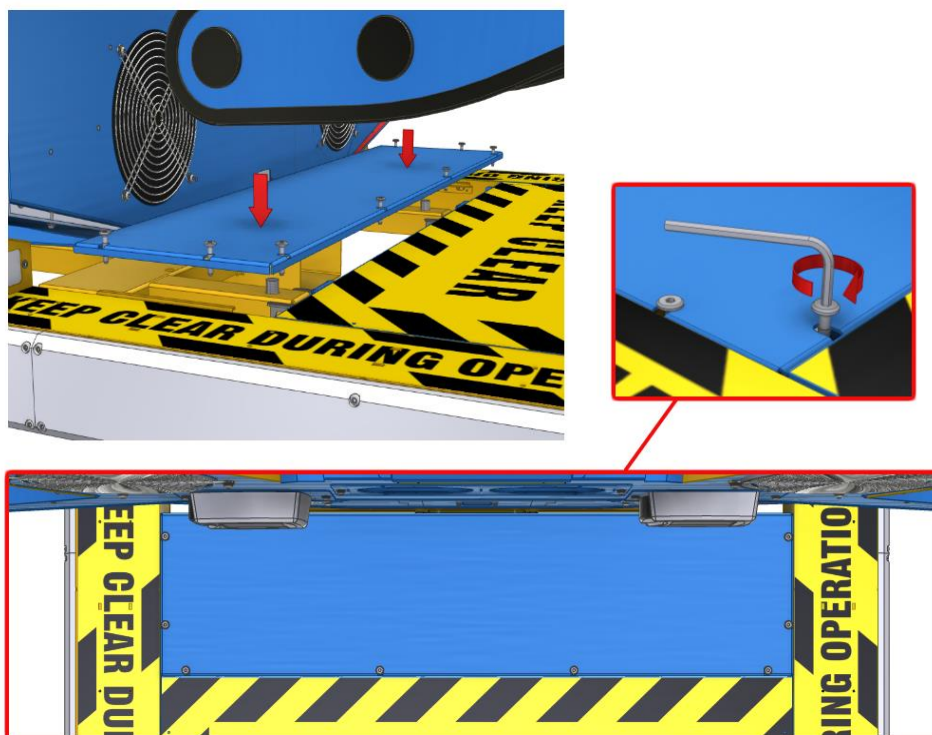
72. Remove the 2x M6 screws shown in the image below using an allen key
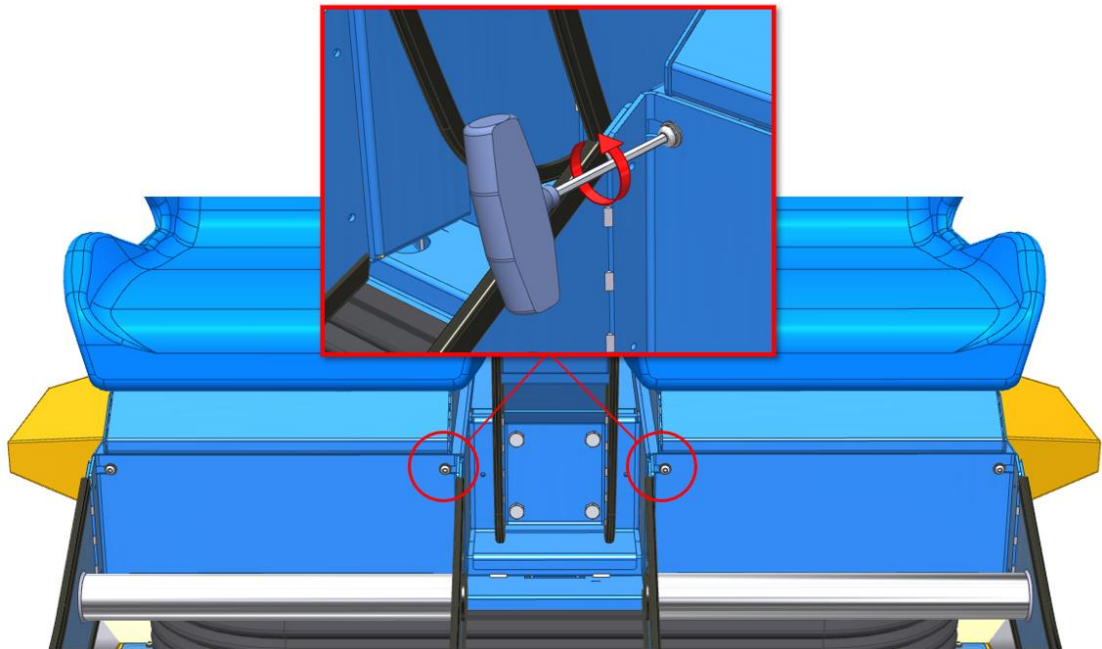
73. Place the wipes bin casing over the handlebar, and re-fasten the bolts as shown below
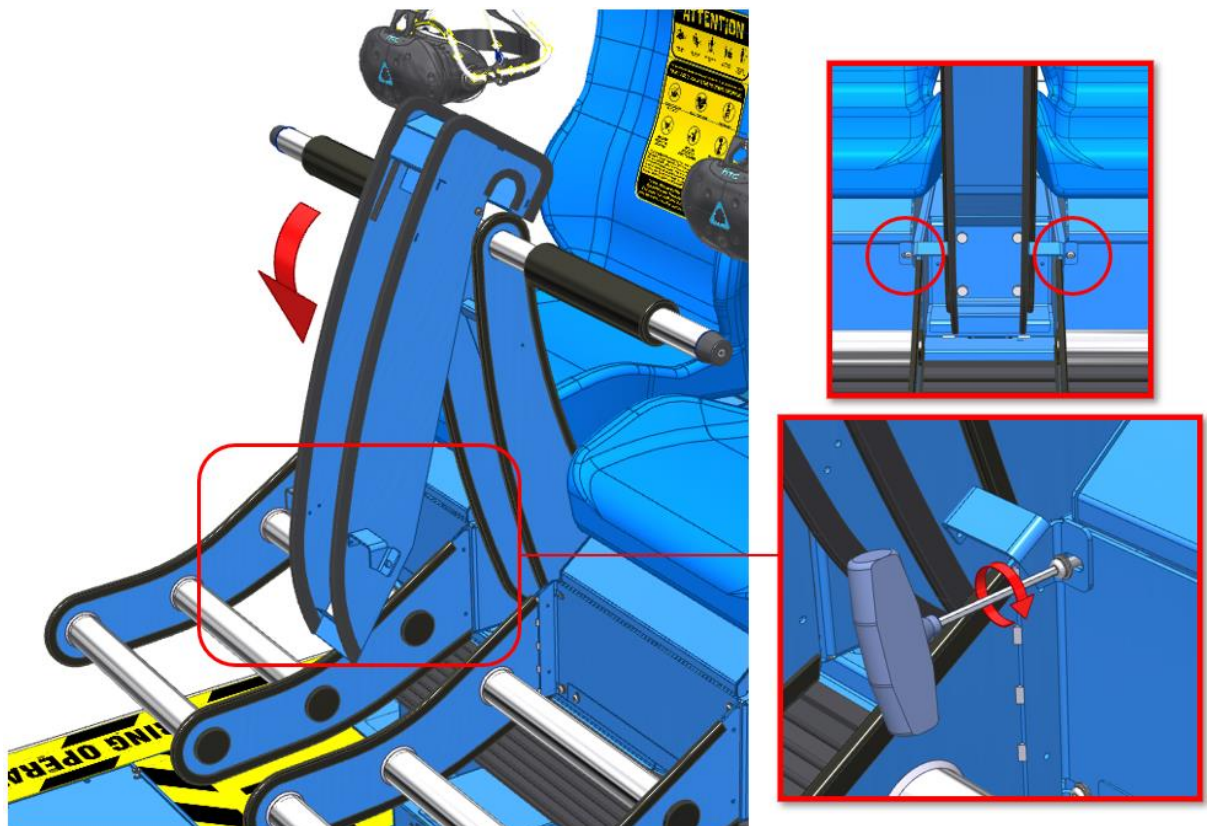
74. Align the wipes bin casing to the handlebar by tightening the M6 bolts as shown below, to get the assembly centred to the handlebar stand. Once aligned, tighten the nuts to lock the bolts in place. Tightening these bolts will prevent vibration and noise when the motion base is active.
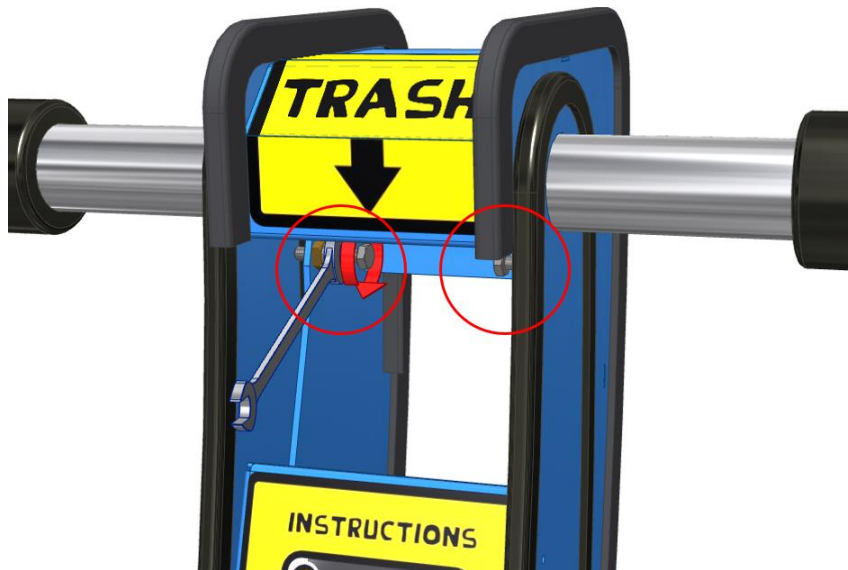
75. Mount the wipes bin to the wipes bin casing by hinging the bottom of the bin to the case and using the lock key to secure it in place.
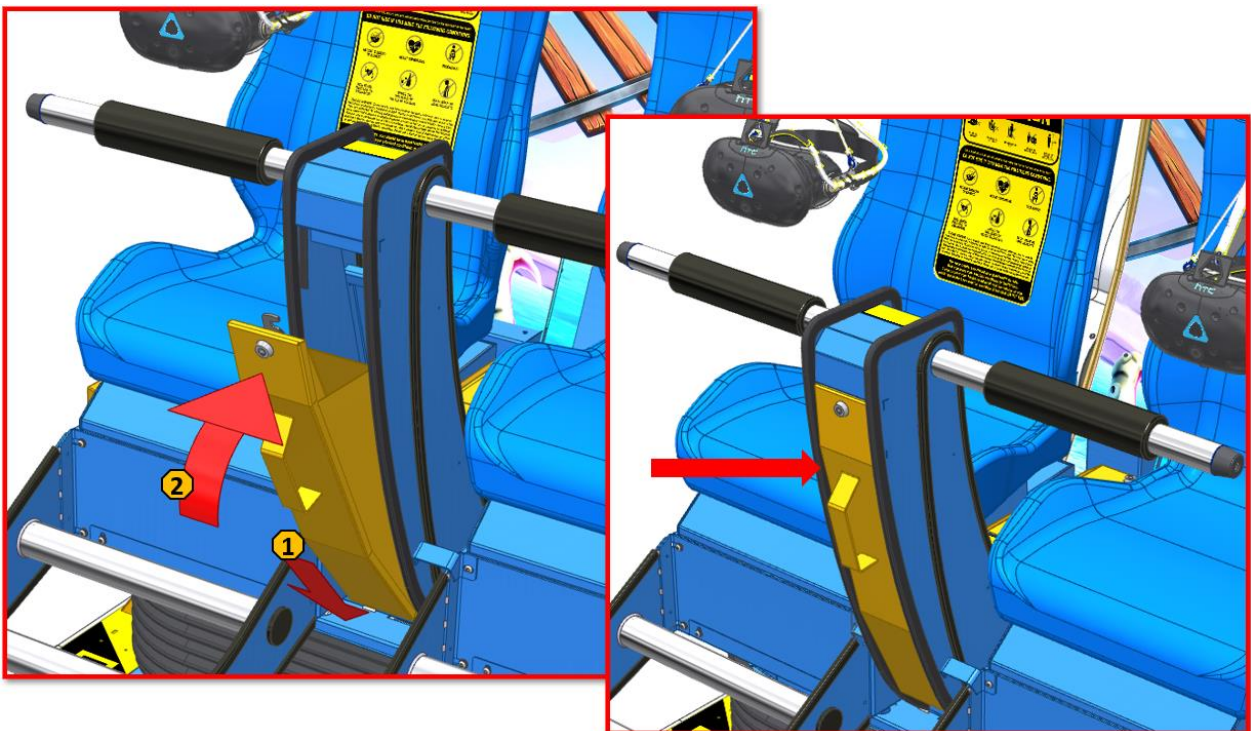
76. Assembly complete!

CAUTION: Make sure to adjust all the levelling feet under the sled so they securely touch the ground. The sled should be very stable when touched. If the sled moves during gameplay or is unstable, this may negatively affect gameplay

ULTRA HD ASSEMBLY

To assemble an Ultra HD Standard Version, please follow the steps directly below. To assemble an Ultra HD Compact Version, please skip ahead to the section titled "Ultra HD Compact Version".

ULTRA HD STANDARD VERSION

1. Position and align the top cross frame at the top of the tower.
2. Secure it using 6x M6 screws on the external side, and 6x M5 nuts from within the tower.

3. Align and install the side hanger assembly by inserting the connector through the cable access holes into the side of the top cross frame.
4. Position and align studs into the holes and install using 4x M5 flange nut internally.
5. Connect the grounding point.
6. Complete the above steps on the opposite side of the tower.

Grounding Point

7. Ensure that the top cross member is secured before moving on.
8. Take the headset cables and carefully thread them along the internal sides of the tower, until positioned behind the PC.
9. Locate the internal support brackets and tie the cables to prevent stress on cable connections during gameplay. Ensure headset cables are not tied near AC monitor power.

10. Connect the headset cables to their specified inputs at each link box, then tighten the wing bolt to the clamp connector.
11. Use the labels to ensure that each headset cable is connected to the correct link box.

Headset 1/player 1

Headset 2/player 1

12. Align and hook the monitor assembly to the 4 slotted holes in the top cross-frame and push the monitor down, sliding into place.
13. Insert the monitor LED connector through the cable access hole and plug it in internally.
14. Secure the frame using 2x M10 hex bolts and washers.

CAUTION: The monitor assembly is heavy. Please do the steps with at least 2 people assisting in the installation. Take care not to damage the connector cables while installing the monitor assembly.

Slots

15. Remove the 8x M5 flange nuts behind the monitor assembly.
16. Align the header mounting brackets with the studs from behind the monitor frame.
17. Secure it using the 8x M5 flange nuts that were removed.

18. Open the tower base station hatch at the front of the tower.
19. Plug the **DVI** or **HDMI** and power cables for the LCD screen, and connect the grounding point.
20. Close the hatch.
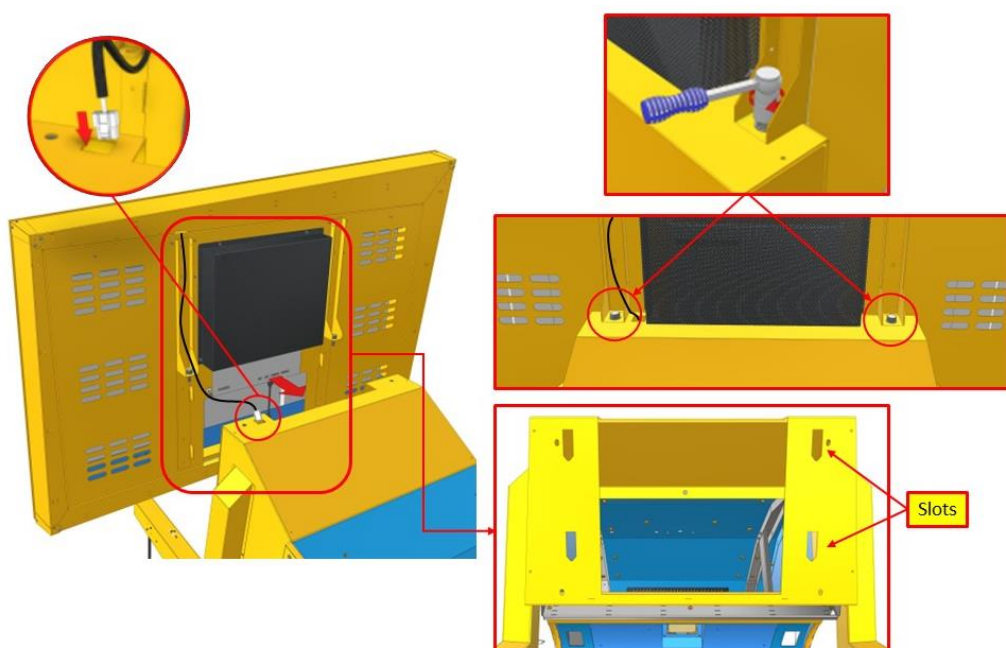
CAUTION: Take care when opening this panel as the base station can be damaged by shock.

The diagram is a representation of a generic monitor. The actual monitor received with the game may look different.

Base station

21. Locate both top side headers, and position them on top of the tower.
22. Secure them using 6x M6 screws and washers per header.
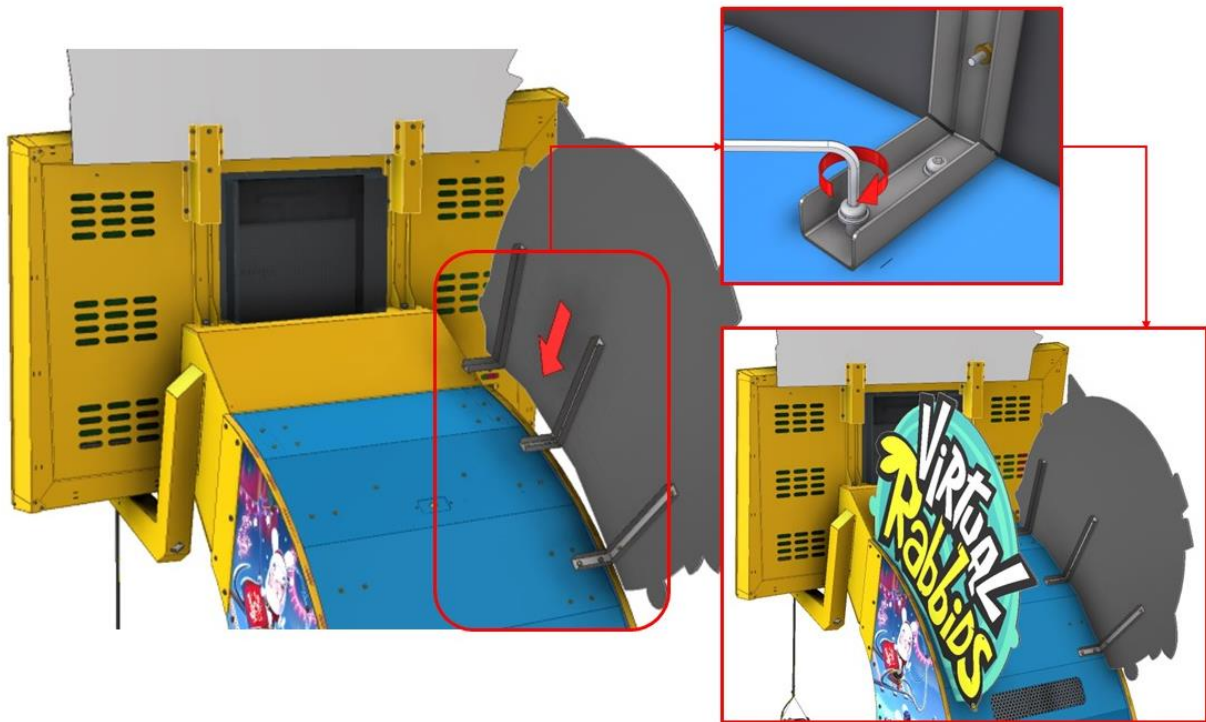
23. Install the front header backlight assembly using 2x M6 screws and washers.
24. Plug the connector as shown below.
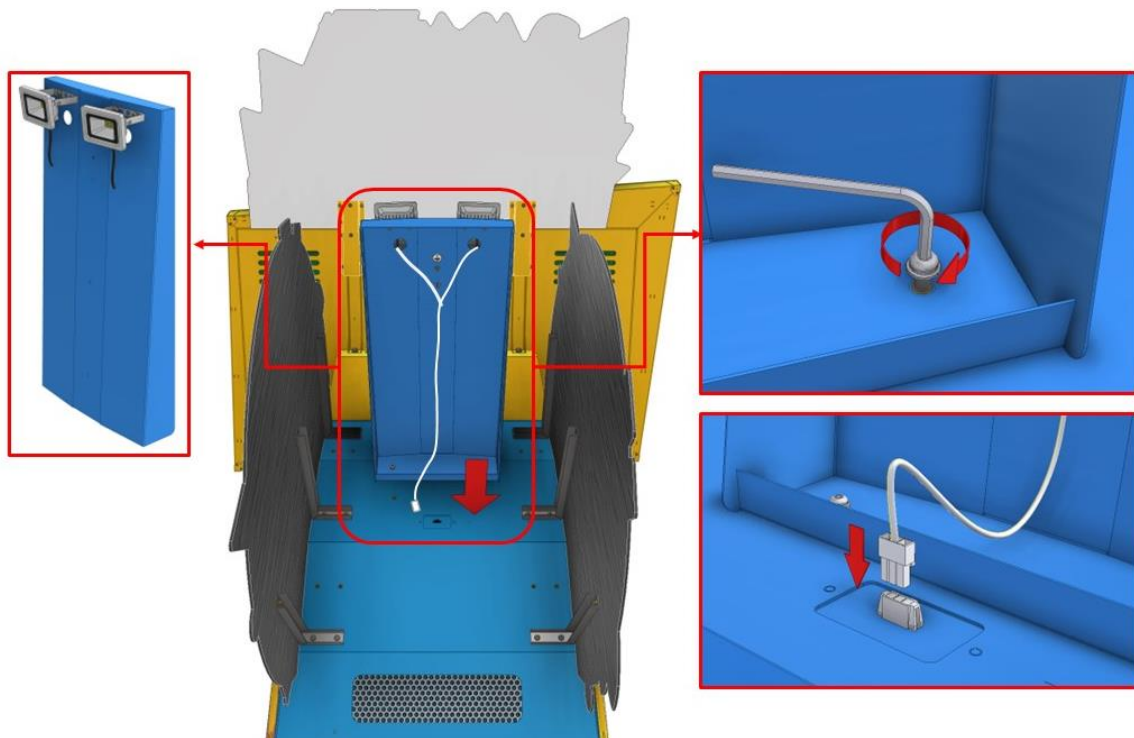
ULTRA HD COMPACT VERSION

To continue assembling a Ultra HD Standard Version, please skip this section and continue on to step 25.

To assemble a Ultra HD Compact Version, please start at the steps directly below.

1. Position and align the top cross frame at the top of the tower
2. Secure it using 6x M6 screws on the external side, and 6x M5 nuts from within the tower

3. Align and install the side hanger assembly by inserting the connector through the cable access holes into the side of the top cross frame
4. Position and align studs into the holes and install using 4x M5 flange nut internally
5. Connect the grounding point
6. Complete the above steps on the opposite side of the tower

7. Ensure that the top cross member is secured before moving on
8. Take the headset cables and carefully thread them along the internal sides of the tower, until positioned behind the PC
9. Locate the internal support brackets and tie the cables to prevent stress on cable connections during game play. Ensure headset cables are not tied near AC monitor power

10. Connect the headset cables to their specified inputs at each link box, then tighten the wing bolt to the clamp connector.
11. Use the labels to ensure that each headset cable is connected to the correct link box

12. Align the monitor assembly to the 4 slotted holes in top cross frame
13. Secure it using 2x M10 hex bolts and washers from the top first, and 4x M5 flange nuts internally

14. Open the tower base station hatch at the front of the tower
15. Plug in the DVI and power cable for the LCD screen, and connect the grounding point
16. Close the hatch

CAUTION: Take care when opening this panel as the base stations can be damaged by shock.

CONTINUE ASSEMBLY

Ultra HD Standard and Ultra HD Compact versions assembly instructions continue below.

17. Open the rear and front access doors in preparation for installing the dust clouds.

REAR ACCESS

FRONT ACCESS

18. Feed the connector plug through the access holes on the right-hand side of the tower.
19. Align the right-hand dust cloud with the 4x slotted holes at the side of the tower, pushing down to slide it into place.
20. Secure it using 1x M6 screw and washer as shown and plug in the connector.
21. Repeat the previous four steps on the opposite side.

22. Remove the hygiene kit cover panel.
23. Set aside the cover panel and take out the internal foam parts.
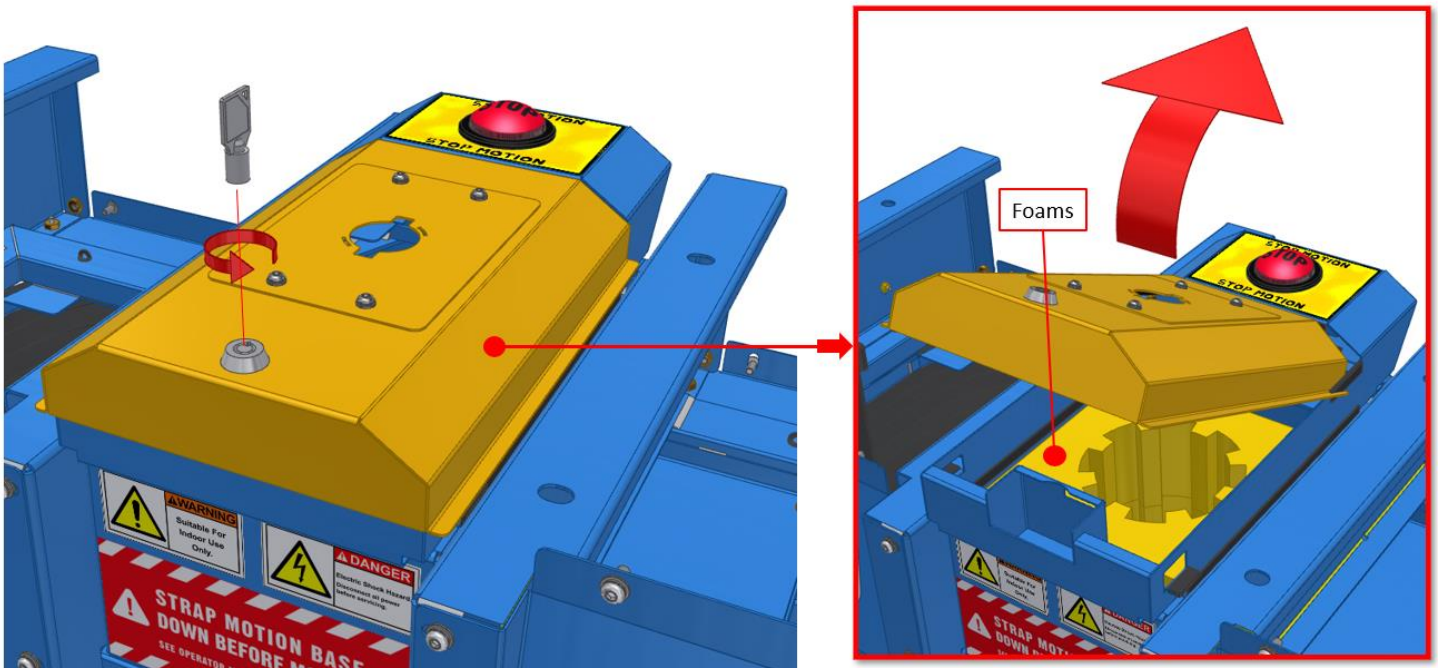
24. Take the player handle, remove 4x M10 locknuts, and put them aside.
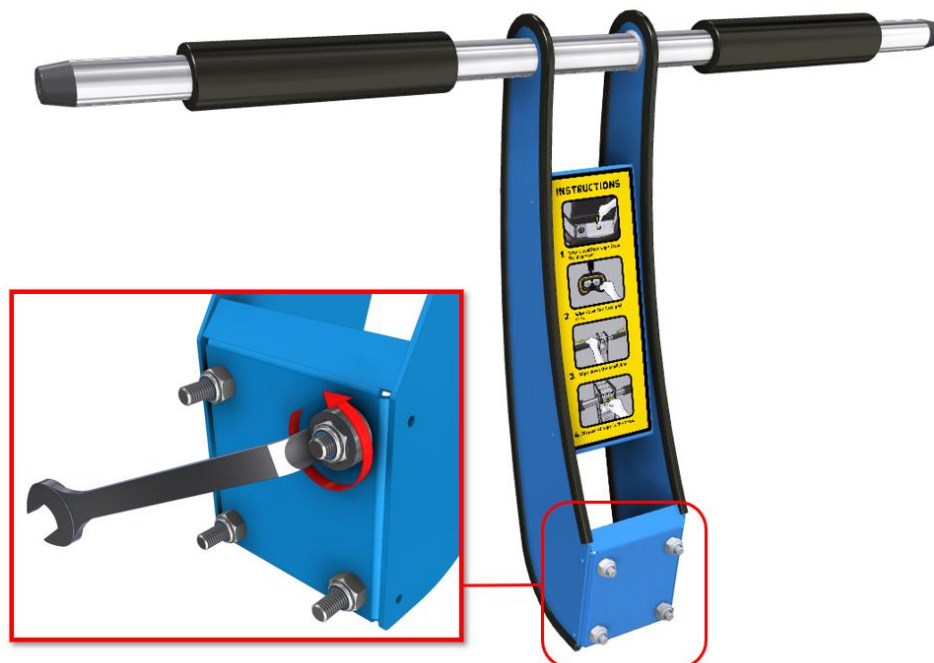
25. Align the player handle studs to the holes.
26. Holding the handle in place, secure it using 3x M10 locknuts.
27. Install M10 grounding plate followed by 1x lock nut.
28. Connect the grounding connector to the plate.
29. Reinstall the foam parts together with a new wipe canister.

30. Install the cover panel in place and lock it.
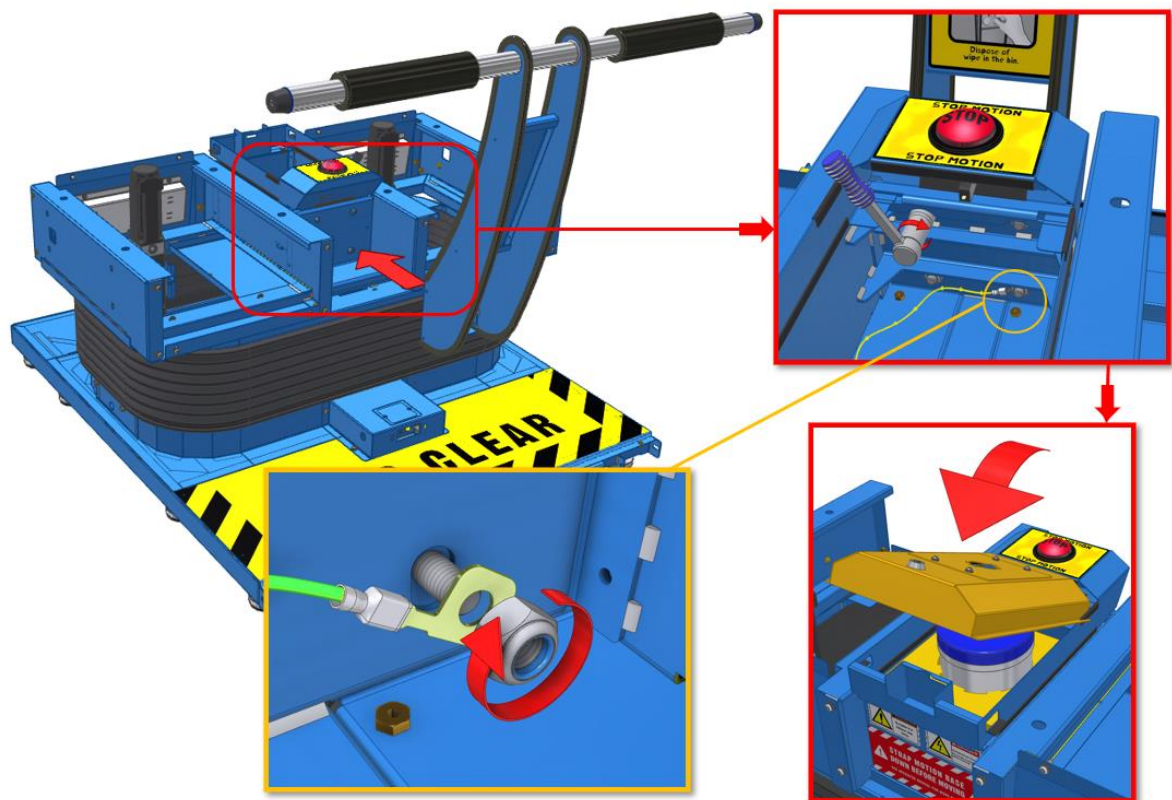
31. Attach the wings and grounding point for each wing, using 4 x M6 flange nuts and washers per wing.
32. Ensure that Loctite 242 is applied to these studs.
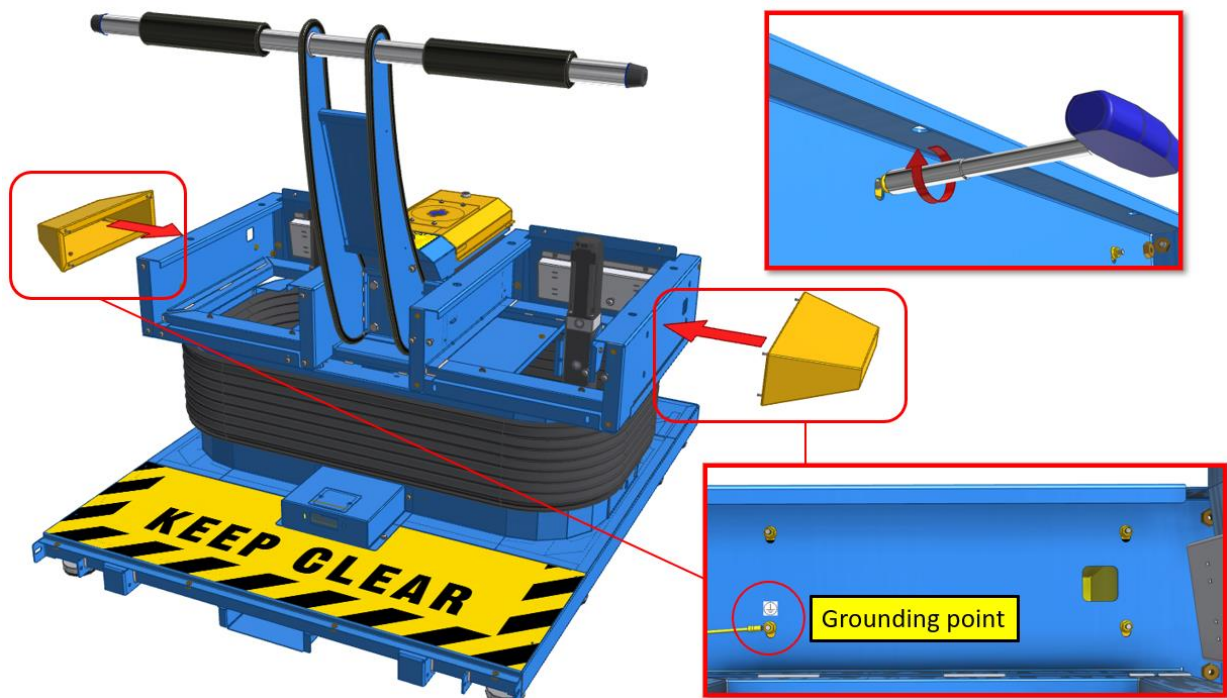
33. Take out and prepare the two seats for installation by removing 4x M10 lock nuts and 2x button head screws per seat.
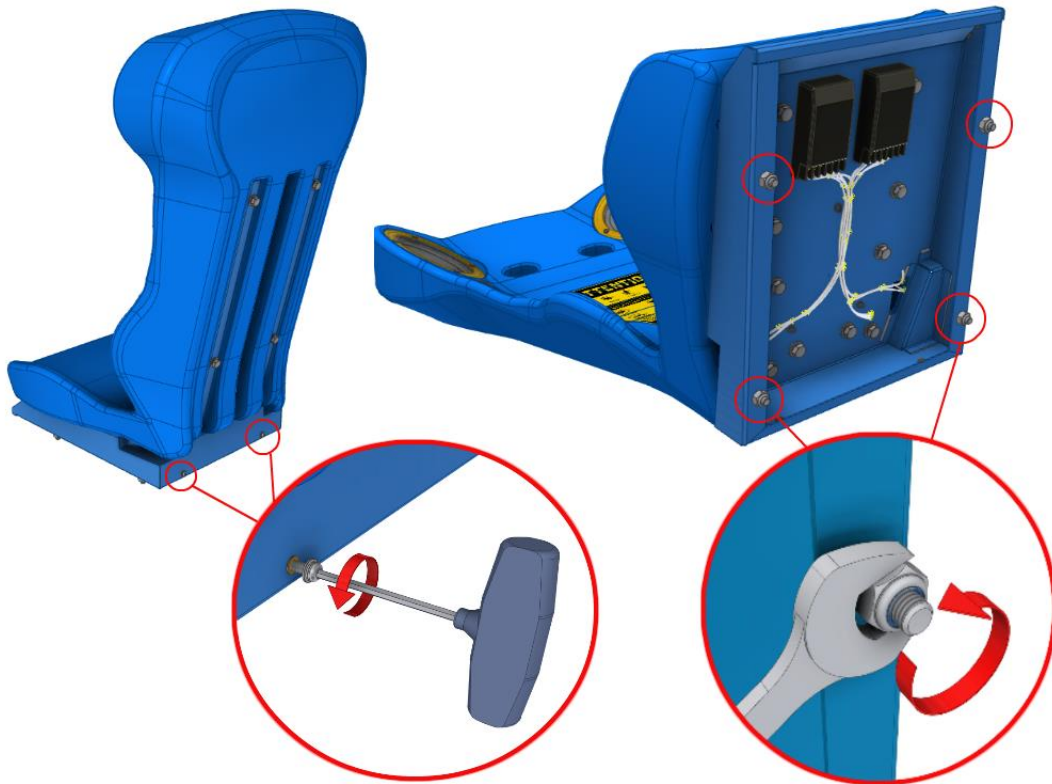
34. Align the first seat with the mounting holes of the frame.
35. Secure it using the 4x M10 lock nuts removed previously.
36. Plug the connectors for the speakers.

37. Repeat the previous three steps on the other seat.
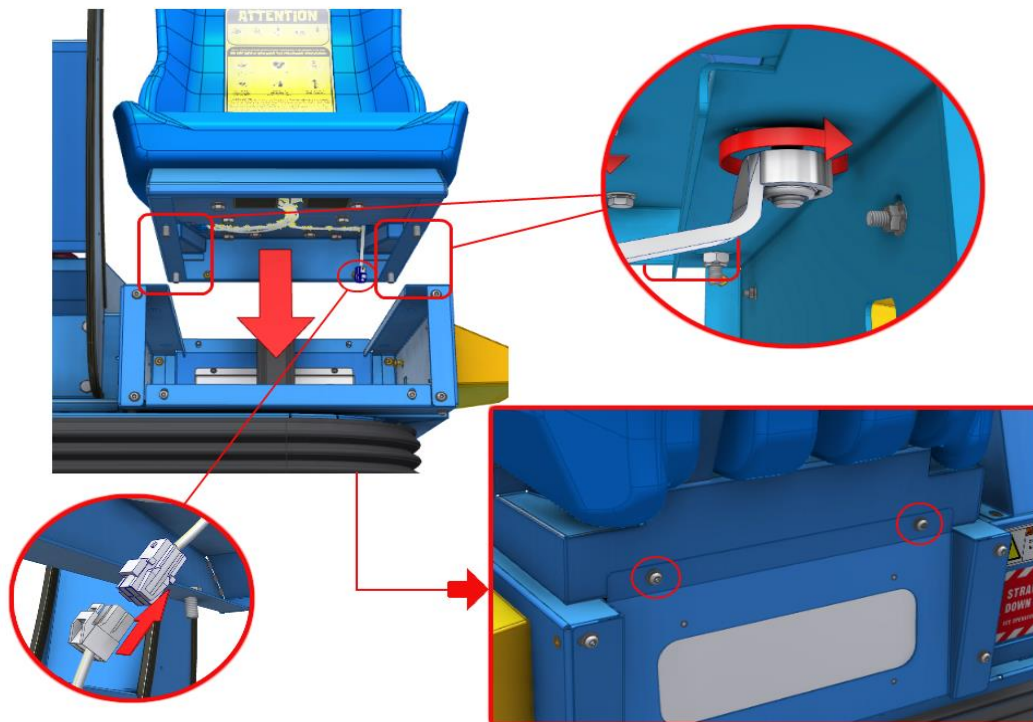
38. Take out 8x button head screws from the motion base and 2x button head screws from each footrest.
39. Lean the footrest near the front of the motion base seat and connect the grounding point.
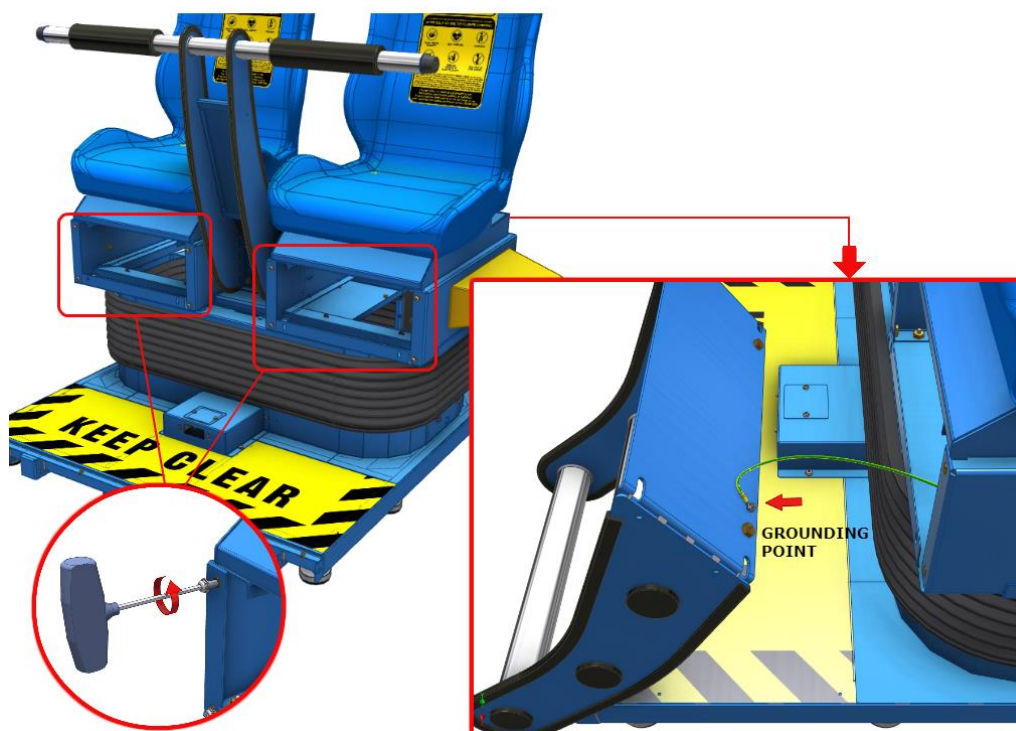
40. Take the footrest and slide it down into place on the motion base, aligning the mounting holes as shown below.
41. Secure it using 6x M6 screws and washers. Ensure Loctite 242 is applied to these screws.

42. Repeat the previous two steps on the opposite side.
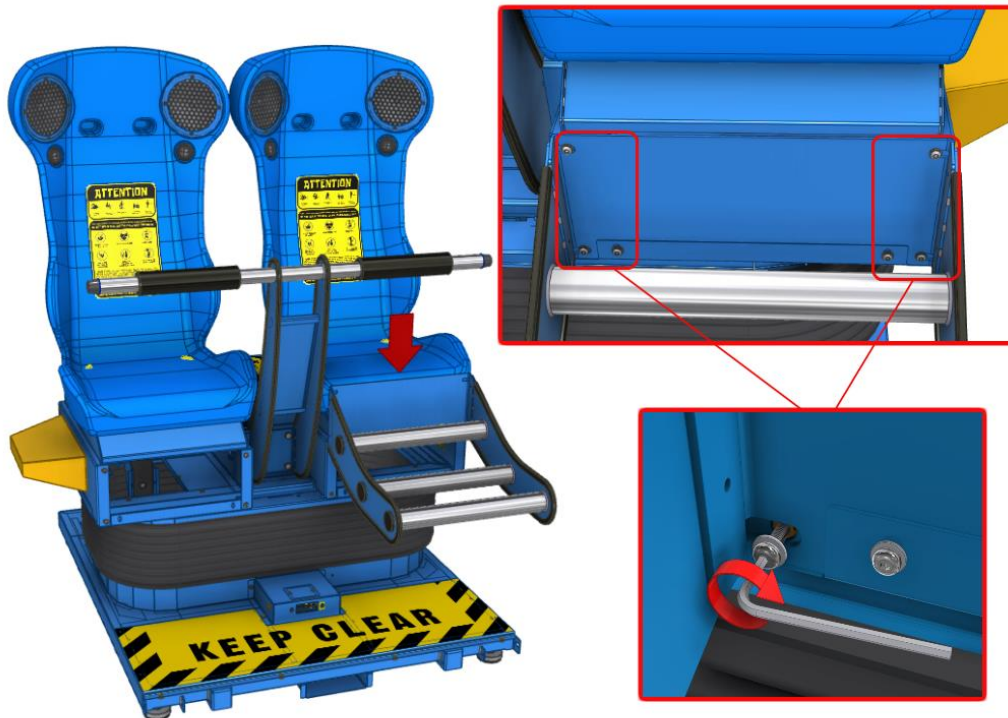
43. Install the rear cable trunking panel using 2x M6 hex bolts and washers.
44. Pull out the external cables from the motion base.
45. Install the cover using 4x M6 screws and washers.
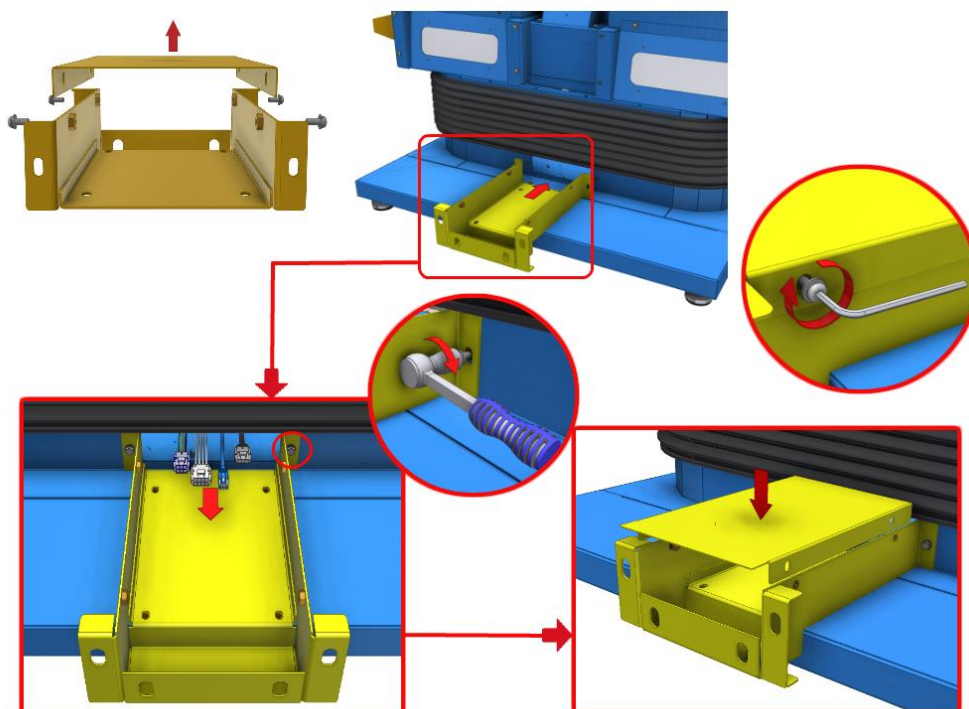
46. Remove the 4x M10 lock nuts from the tower cable access area.
47. Push the motion base and push it towards the tower, aligning it with the tower studs.
48. Insert the connectors and cables into the cable access hole.

49. Secure using the same 4x M10 lock nuts that were removed previously.
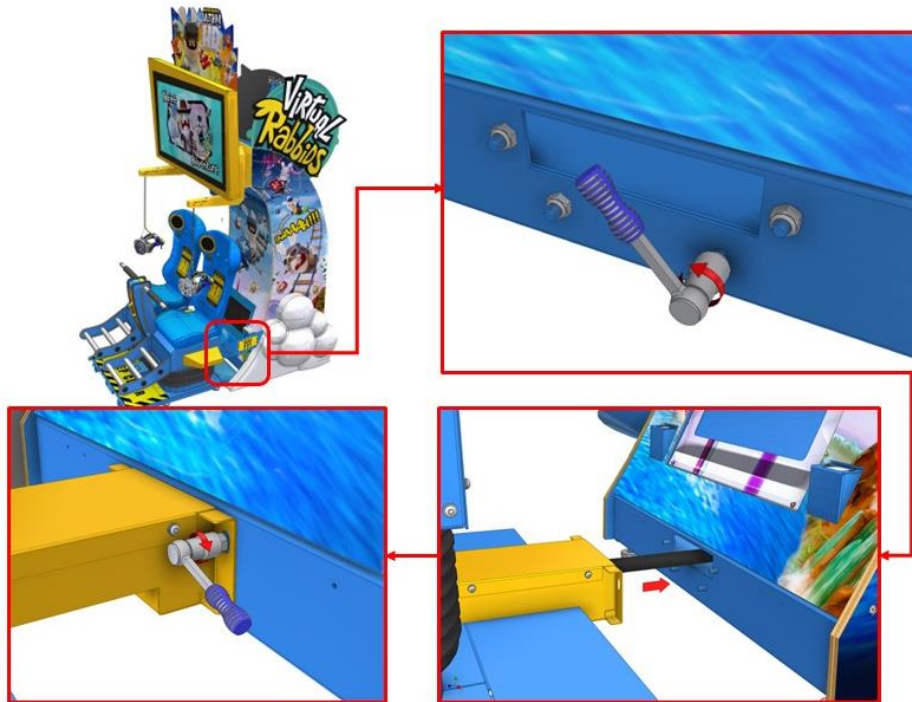
50. Open the lower front door on the tower.
51. Plug in all connectors from the motion base to the connector panel inside the tower, and close the door.
52. Install the keep-out signs to the motion base platform using 2x M6 screws and washers. Ensure Loctite 242 is applied to these screws.
53. Complete the above step on the opposite side.

CAT5 + JOINER
VL 6 WAY
VL 8 WAY
VL 3 WAY
VL 15 WAY
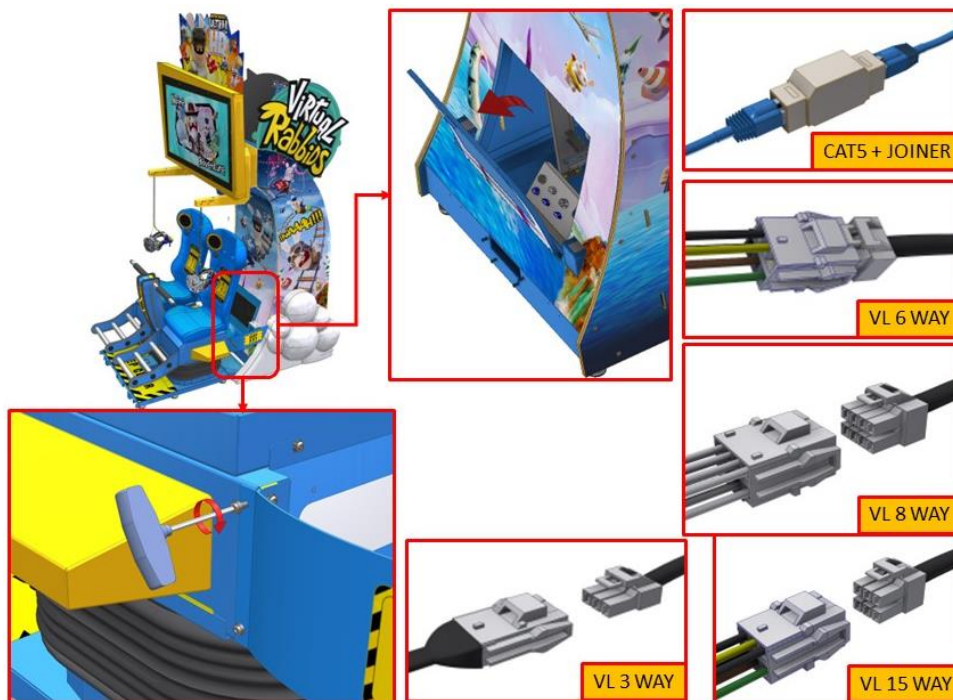
54. Align the front sled with the motion base and install the link brackets using the screws previously removed from the motion base.

55. Install the chain link, using the same screws removed from the motion base. **NOTE**: The bolts should be centred in the slots for the link brackets before tightening the chain link.
56. Complete the same procedure on the opposite side.
57. Plug all the connectors to the sled assembly.
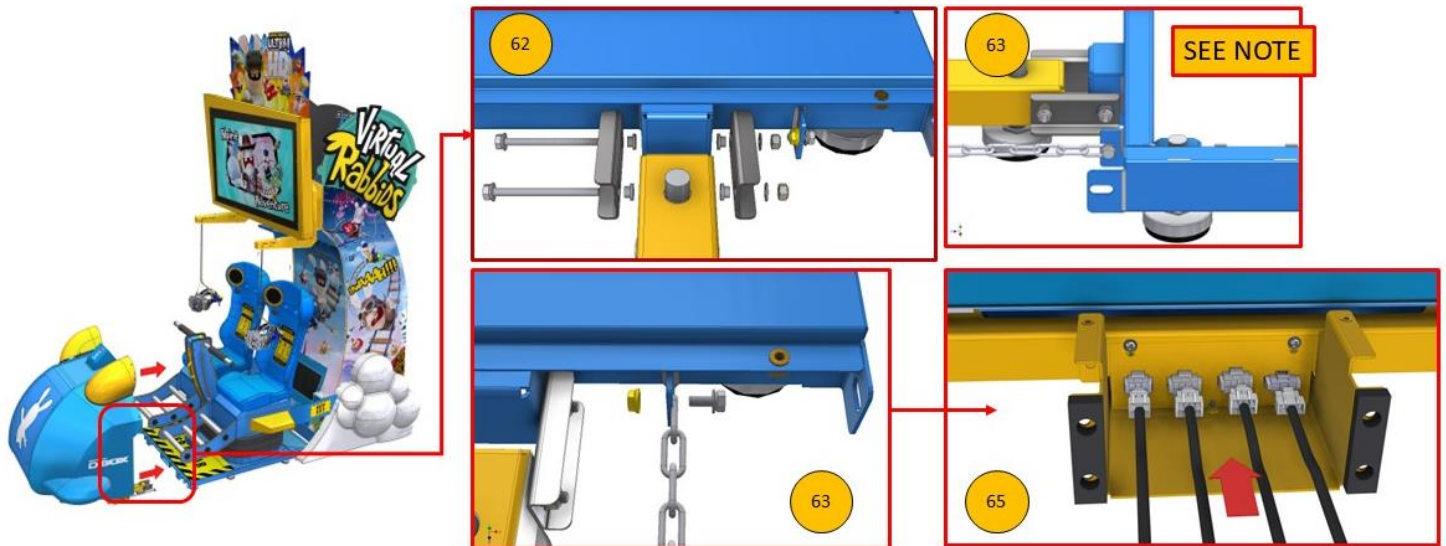
58. Align the side ski to one side of the platform.
59. Connect the plug to the motion base outlet, as shown below.
60. Secure the ski using the same 3x M6 hex bolts and washers removed from the motion base (one front, two back).
61. Complete the above three steps on the opposite side.
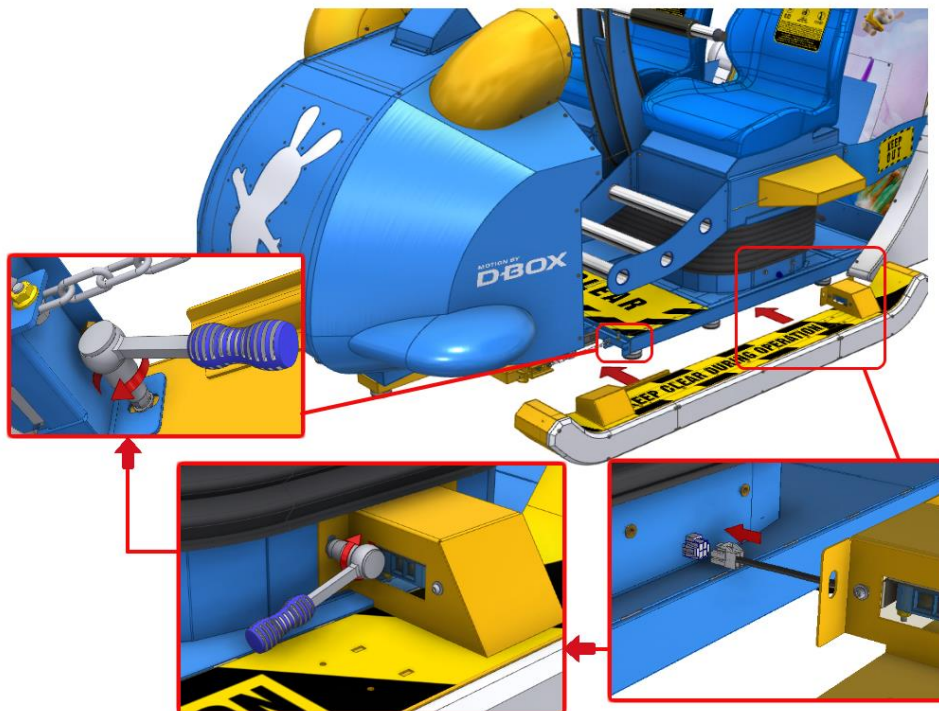
62. Position and align the floor cable covers as shown.
63. Secure them using 8x M6 screws and washers.
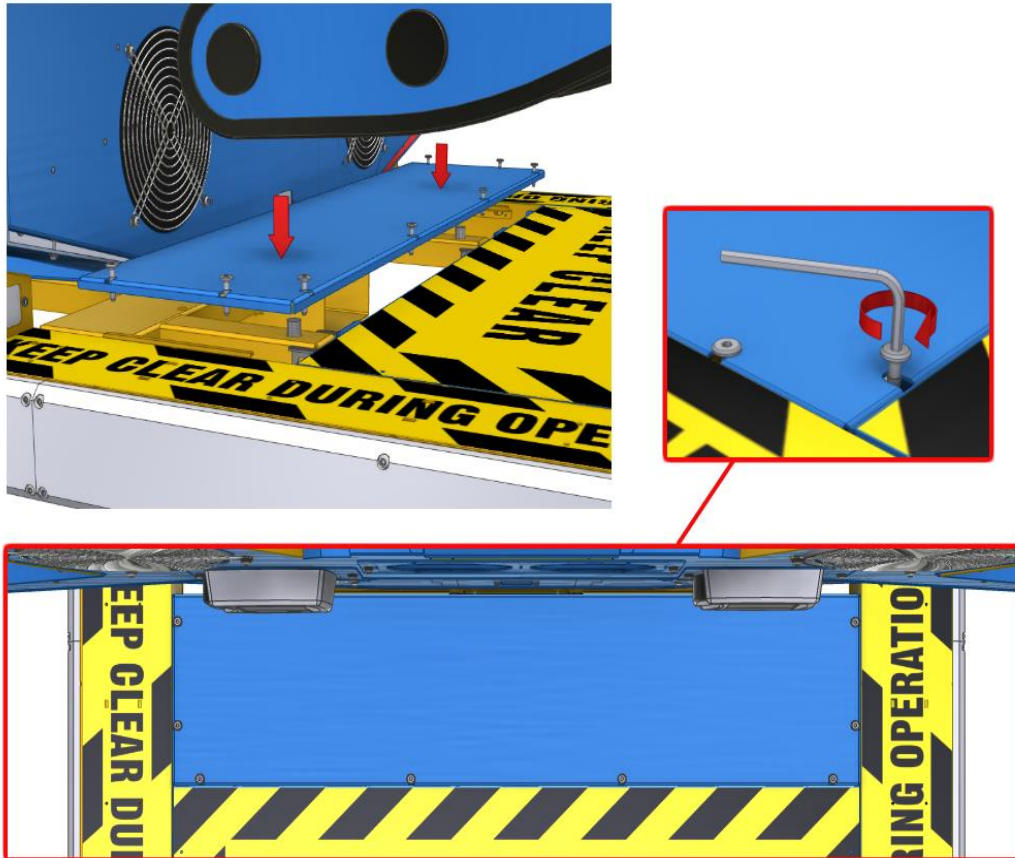
64. Remove the 2x M6 screws shown in the image below using an Allen key.
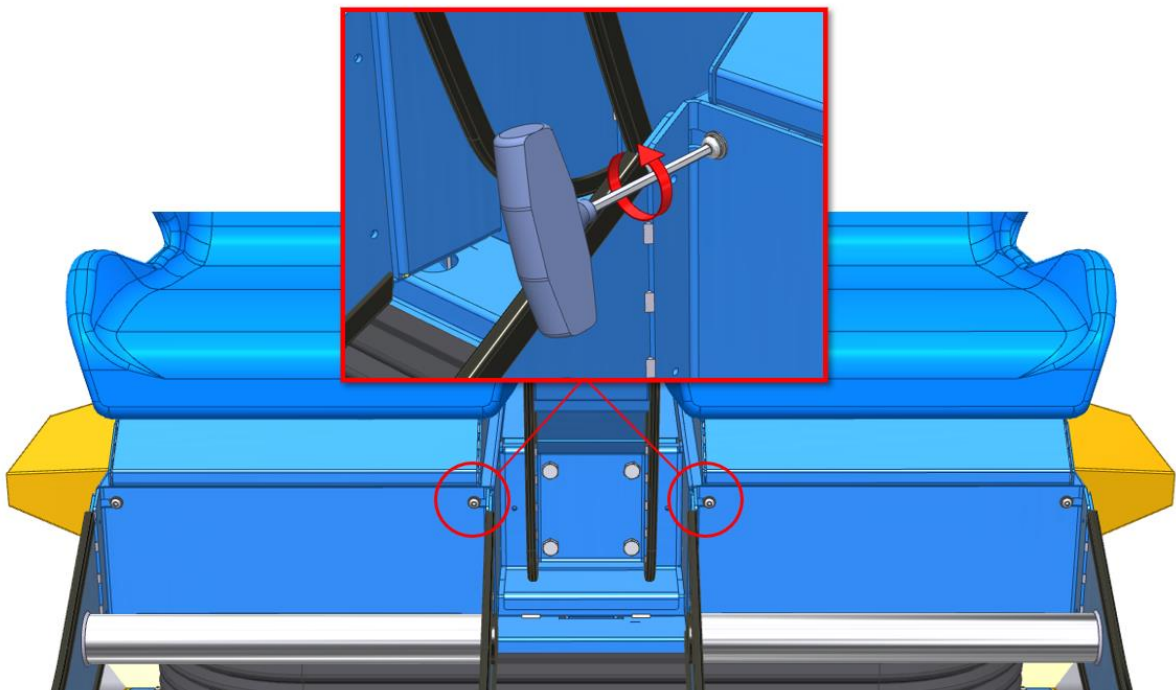
65. Place the wipes bin casing over the handlebar, and re-fasten the bolts as shown below.
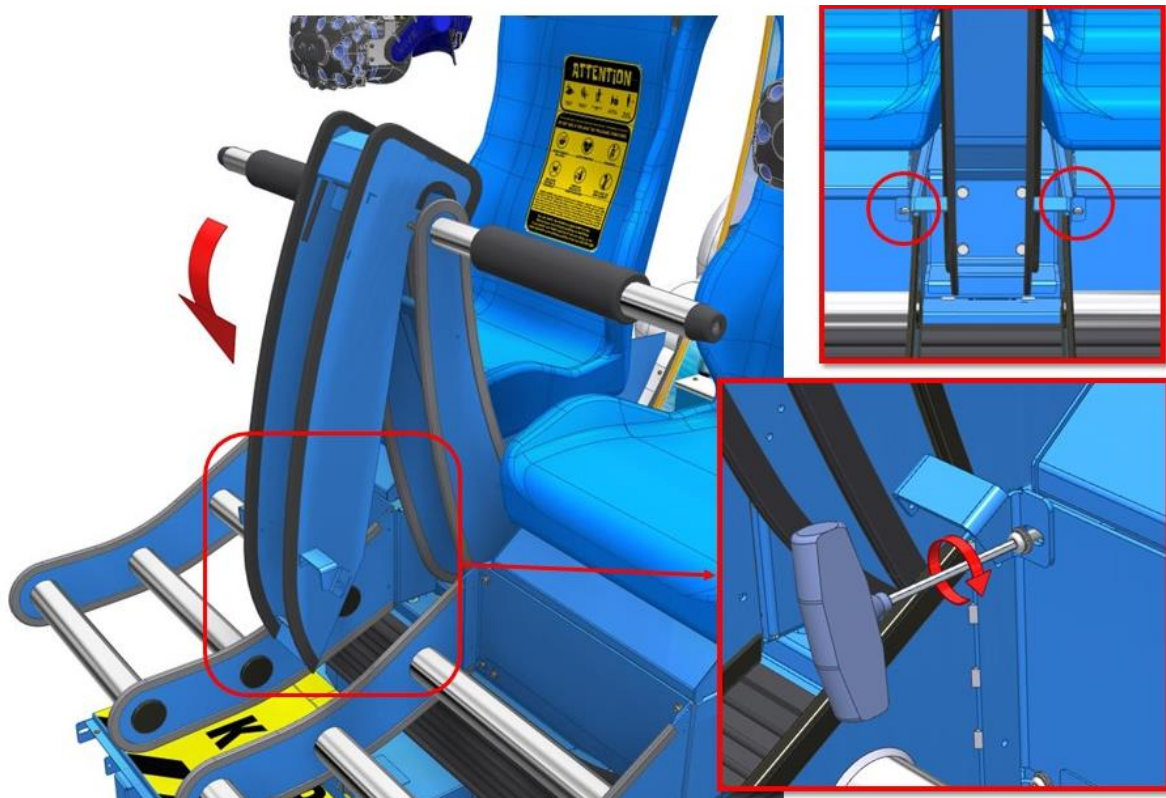
66. Align the wipes bin casing to the handlebar by tightening the M6 bolts as shown below, to get the assembly centered on the handlebar stand. Once aligned, tighten the nuts to lock the bolts in place. Tightening these bolts will prevent vibration and noise when the motion base is active.
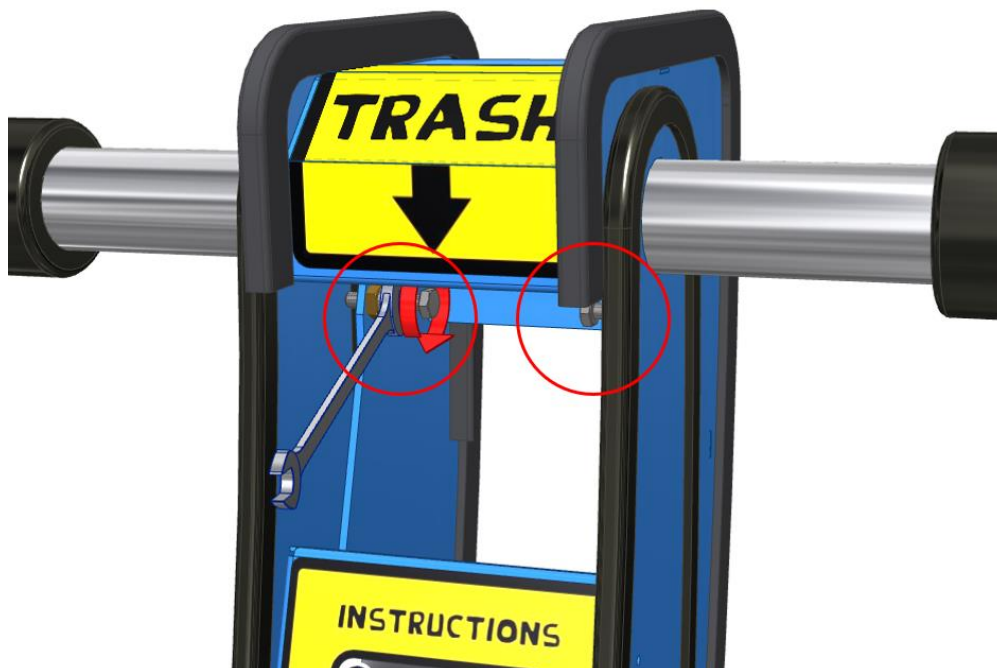
67. Mount the wipes bin to the wipes bin casing by hinging the bottom of the bin to the case and using the lock key to secure it in place.
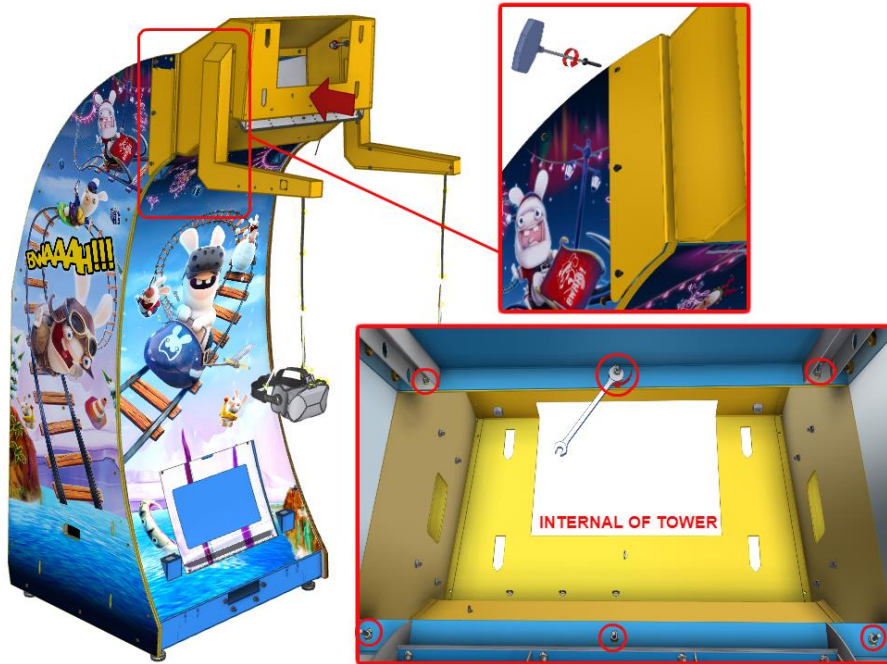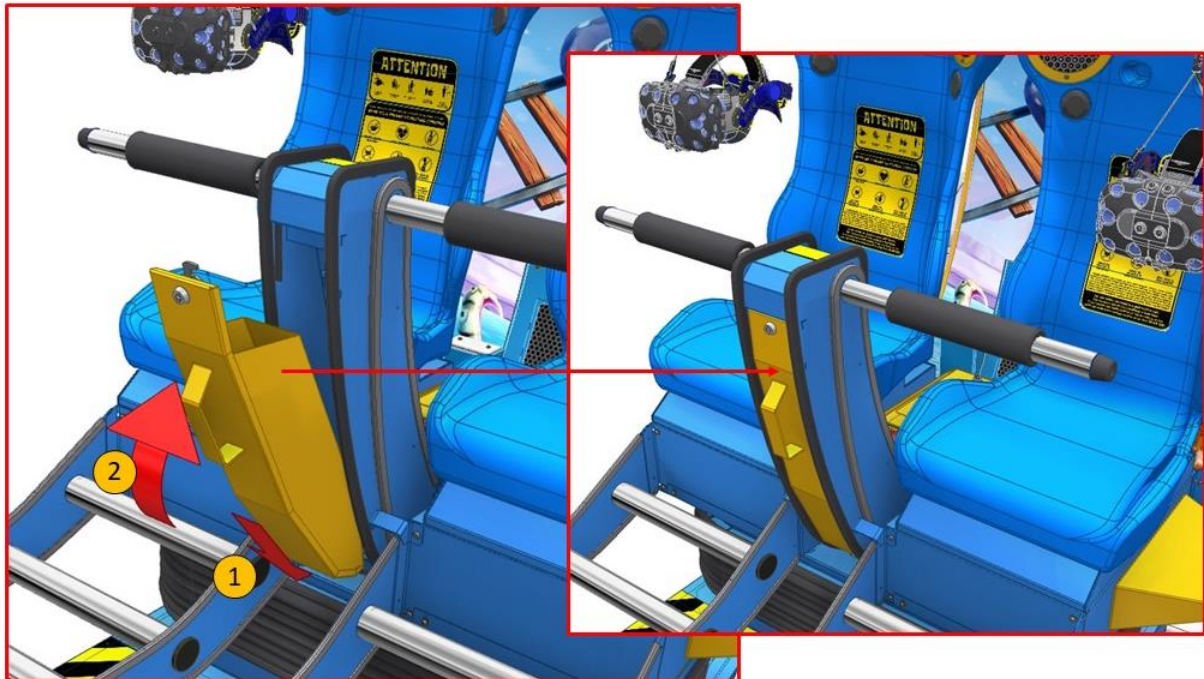

68. Assembly complete!

CAUTION: Make sure to adjust all the levelling feet under the sled so they securely touch the ground. The sled should be very stable when touched. If the sled moves during gameplay or is unstable, this may negatively affect gameplay
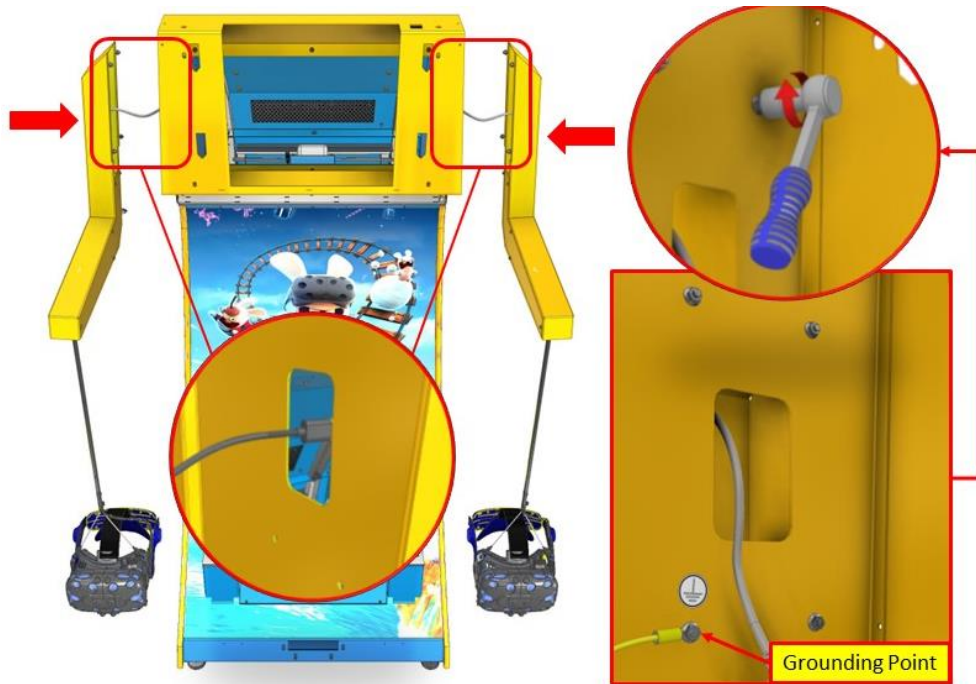
GAMEPLAY AND MODES

Virtual Rabbids: The Big Ride is a virtual reality experience that takes players along on a crazy ride with the mischievous Rabbids.

HOW TO PLAY

- Pay to play
- Look at the play button
- Look at a stage to select it
- Gameplay

ATTRACT MODE

Attract mode provides a visual and audio display while the game is not being played.

PLAY MODE

Virtual Rabbids: The Big Ride has two play modes. The standard _Coin Play_ mode, where a coin or coins are inserted, or _Free Play_ mode, where no coins are necessary.

COIN PLAY

Coin Play mode is entered from _Attract mode_, by inserting coins in any of the two coin slots on the front of the machine cabinet, then following the instructions in the "How to Play" section.

FREE PLAY

- Enter the operator menu by pressing O on the keyboard
- Select Game Settings
- Select Free Play Settings
- Set Free Play to ON

OPERATION

Enter the operator menu on PC1 by pressing O on the keyboard. Ensure the keyboard is connected to PC 1.

GAME SETTINGS

COIN SETTINGS

- **Coins per Credit Mech 1** *Default 1, Adjustable 1 – 20*

  Sets the number of coins that need to be inserted in exchange for each game credit.

- **Games per Credit Mech 1** *Default 1, Adjustable 1 – 20*

  Sets the number of games granted for each credit.

- **Common Coin** *Default Off, Adjustable On / Off*

  If the setting is ON, coin 1 and coin 2 contribute to the same coin pool. If the setting is off, they are counted separately.

- **Coins per Credit Mech 1** *Default 1, Adjustable 1 – 20*

  Sets the number of coins in coin mech 2 input that need to be inserted in exchange for each game credit.

- **Games per Credit Mech 1** *Default 1, Adjustable 1 – 20*

  Sets the number of games granted for each credit from coin mech 2 input.

- **Currency** Default Dollar, Adjustable 1 – 10 dollars, 1 – 10 euros, 1000 – 100000 rupiah

  The price per play that will be displayed during attract mode.

FREE PLAY SETTINGS

- **Free Play** *Default Off, Adjustable On / Off*

  Sets if the game requires a credit to start playing. If set to on, the game can be played for free.

RIDE SETTINGS

- **Alpine Adventure** *Default On, Adjustable On / Off*

  Defines if the Alpine Adventure stage is available to play or not.

- **Holiday Hijinks** *Default On, Adjustable On / Off*

  Defines if the Holiday Hijinks stage is available to play or not.

- **Canyon Chaos** *Default On, Adjustable On / Off*

  Defines if the Canyon Chaos stage is available to play or not.

SOUND SETTINGS

- **Attract Volume** *Default 10, Adjustable 0 - 10*

  Sets the volume of the attract mode video. Setting this to 0 will mute the audio.

AUDITS

- **Total Coins Mech 1**
  The number of coins inserted on the coin 1 input

- **Total Coins Mech 2**
  The number of coins inserted on the coin 2 input

- **Service Credits**
  The number of times the service button was used to issue a credit to the game

- **Credits 1 Used**
  The total number of credits used by seat one

- **Credits 2 Used**
  The total number of credits used by seat two

- **Total Game Cycles**
  The total number of game cycles, regardless of how many players were in the game

- **Cycles Played Solo Seat 1**
  The number of single player games in seat 1

- **Cycles Played Solo Seat 2**
  The number of single player games in seat 2

- **Cycles Played Two Players**
  The number of two player games played

- **Total Players**
  The total number of players that have played the game. This audit increments two for every two player game played, and one for every single player game.

- **Alpine Adventure Rides**
  Percentage of total plays on the Alpine Adventure stage

- **Holiday Hijinks Rides**
  Percentage of total plays on the Holiday Hijinks stage

- **Canyon Chaos Rides**
  Percentage of total plays on the Canyon Chaos stage

- **Average Game Time**
  The average amount of time from inserting a credit to returning to attract mode

- **Splash Screen Force-Skips**
  Percentage of players from a two player game that have been skipped past the splash screen without activating the play button

- **Emergency Stop Button Presses**
  Percentage of players that have used the emergency stop button

ERRORS

Name	Cause	Solution
Critical Game File Missing	The game failed to find a critical data file.	Cycle power to the machine. If this does not resolve the issue, perform a system image.
Motion Base Error	The D Box motion base is not responding to the game.	Unplug the cabinet from mains power and check that all the connections to and from the motion base are securely plugged in and not damaged. If this does not resolve the issue, perform a system image on PC1.
Local Network Error	The PCs cannot communicate with each other.	Cycle power to the machine. Ensure both PCs receive power. Check that the Ethernet cable is correctly plugged into both PCs following the diagram located at the back of the PCs. If this does not resolve the issue, perform a system image on both PCs.
Can't Connect to Game Board	The game board, FB216, is not responding to the game.	Cycle power to the machine. Check that FB216 is receiving power. Check all the wires and connections from FB216 are correctly installed and not damaged. If all ok, the PCB may need to be replaced.
Both PCs Set to Player 1	Both PCs have their player ID set to 1	Player ID should be set to 1 and 2 for PC 1 and 2 respectively. Go to System Settings, Linking Settings, and ensure that PC1 is set to Player ID 1 and PC2 is set to Player ID 2.
(Inside Headset) Please remove the headset and follow the instructions on screen	The headset displaying the message needs calibration	Ensure the HDMI switch/repeater is set to display the PC connected to the headset displaying the message. Follow the on screen instructions to calibrate the headset – refer to the section in this manual titled "Calibrate Headset" for more information

CURRENT ERRORS

This menu lists information on all current/active errors.

ERROR HISTORY

This section lists all errors, both current and already cleared. The type of error, date it occurred on and the date it was cleared on (if applicable) are listed.

CLEAR ALL ERRORS

This button will clear all current errors as well as the error history.

TROUBLESHOOTING

BASE STATION AND HEADSET ISSUES

VIEWING THE STEAMVR WINDOW

The SteamVR window is always running in the background. It can provide valuable information if you are troubleshooting issues with headset tracking or base stations, but during normal operation, it is always hidden.

If you want to view the SteamVR window:

1. Ensure the HDMI switch/repeater is set to the PC you want to troubleshoot
2. Ensure the keyboard dongle is plugged into the same PC
3. On the keyboard, press the Windows Key + P. This will stop the SteamVR window from automatically being hidden
4. Press Alt + Tab to show the SteamVR window
5. Once you are finished, press Windows + P again and the window will automatically hide – restarting the cabinet will have the same effect

IDENTIFYING ISSUES

During normal operation, the SteamVR window should appear as shown below:
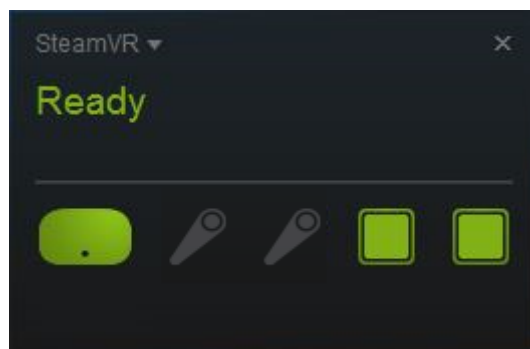
1. The icon on the left represents the headset
   - If this icon is flashing green, or black with a green outline, it means the headset is detected but not awake and tracking. Simply moving the headset around will wake it up and it will start tracking again.

- If this icon is grey, it means the headset is not detected. Check the light on the side of the headset.
  - If the light is red, the headset is receiving power but not detected by the PC. Check the headset cables and link box.
  - If the light is off, the headset is not receiving power. Check the power cables and linkbox.

2. The two icons on the far right represent each base station – one in the sled, and one in the tower. If you use the mouse to hover over the icon, it will specify which channel base station that icon represents – you can see which channel a base station is set to by viewing the front of the base station.
   - If this icon is grey, the base station is not detected. Check the base station has power.
   - If this icon is changing between grey and green intermittently, there could be a few causes. Any of the below could result in a grey screen appearing intermittently during gameplay:
     - Interference from other base stations. Base stations are very sensitive to interference – if you have two Virtual Rabbids units, they should not be operated next to each other. We recommend operating them back to back, or in separate areas of your location.
     - Movement of the base station. Base stations are sensitive to impact and vibration. Open the base station housing and ensure the base station is securely positioned and has not come loose. Also check the levelling feet underneath the sled have been adjusted to touch the floor, ensuring the sled is stable when touched.
     - Base station alignment. To ensure base stations have the best line of sight possible, they should be pointing directly at the other base station.
     - Intermittent power. Check the power cables are securely plugged in on both ends.
     - Faulty base station. If you have checked all of the above and the problem persists, the base station may be faulty.
   - If you have more than two base station icons, it means the base stations are picking up interference from other nearby base stations. If you have two Virtual Rabbids units, they should not be operated next to each other. We recommend operating them back to back, or in separate areas of your location.

INSPECTING BASE STATIONS

CHECK FOR DIRT OR DAMAGE

When looking at the face of the base stations, check to make sure they are clean and scratch free. This can affect their communication.

CHECK CHANNELS

The base station channel is visible in the bottom left hand corner of the base station face, as shown below. The two base stations must be set to different channels. The correct channel can be found by checking the stickers near the base stations. Use the button on the back of the base station to toggle between channels. You should never need to change a base station channel unless you are replacing the part.

Note that the channels shown below are an example only. Please check the stickers on your unit to confirm your correct channel configuration.
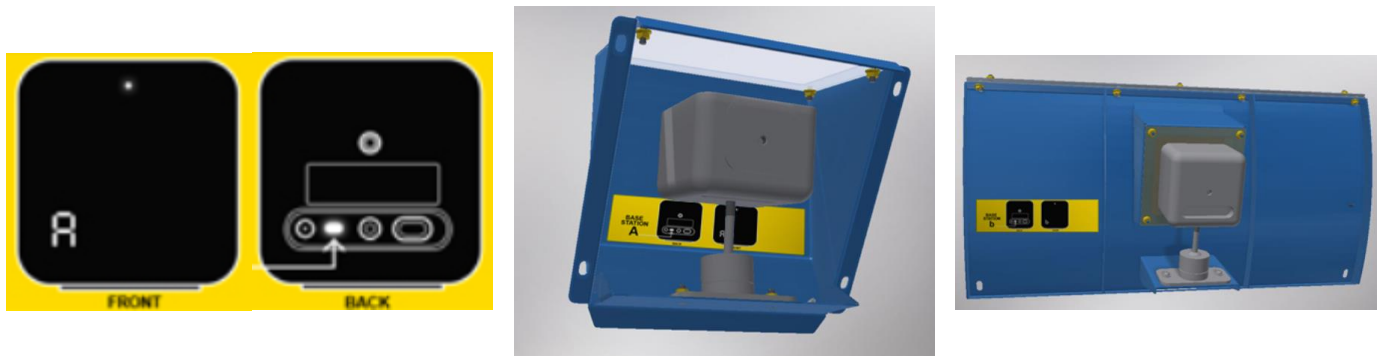
STATUS LIGHT

At the top centre of the base station face, there is a small light that indicates the current status of the base station.

- Green
  - Normal operation. The base station is turned on, synced with the other base station. During normal operation, status lights on both base stations should always be green.
- Blue
  - The base station is waiting to stabilize. This means it has received impact or vibration, which will prevent it from syncing. Open the base station housing and ensure the base station is securely positioned and has not come loose. Also check the levelling feet underneath the sled have been adjusted to touch the floor, ensuring the sled is stable when touched.
- Purple
  - The base station is trying to sync. This status may be visible briefly after start up, or after a blue status light has been seen. It means the base station has recovered and is trying to re-establish syncing with the other base station.

"NO SIGNAL" ON TOP MONITOR

During normal operation, the HDMI switch/repeater input should always be set to PC1. If using the HDMI switch, changing the switch input while the cabinet is turned on will often result in a "no signal" message being displayed on the top screen. The switch will always correctly display input from the device it was set to use at start up.

If, for any reason, PC2 needs to be shown on the top screen, change the HDMI switch/repeater input to PC2, then restart the cabinet.

HEADSET SHOWS "PLEASE REMOVE HEADSET'

If either headset shows the message "please remove the headset and follow the instructions on screen," this is an indication that the headset needs to be calibrated. While this shouldn't occur during normal operation, moving the cabinet or replacing some hardware (headsets, base stations, base station housing) could trigger a calibration prompt.

Please follow the instructions under the *Calibrate Headset* heading in this manual to resolve the issue.

WINDOWS RECOVERY SCREEN ON TOP MONITOR

If the cabinet is restarted before the PC has finished booting up, there is a chance you will see a blue Windows recovery screen. This screen does not indicate an actual error with the game. Simply switch off the cabinet, wait five minutes, and turn it on again.

To avoid this issue, refrain from quickly cycling power to the cabinet repeatedly.

AUDIO NOT SYNCED WITH GAME PLAY OR ATTRACT

PC1 controls the audio for both players, even when a single player game is played on PC2. For this reason, ensure that the HDMI switch/repeater inside the tower is *always* set to PC1 or audio will sync.

GREY SCREEN DURING GAMEPLAY

If the headset shows a grey screen intermittently during gameplay, this means the headset has briefly lost tracking. The most common cause of this is motion or vibration from the motion base affecting the base stations in the sled or tower. Follow the steps below to reduce the amount of vibration passed to the base stations:

SLED FEET

Ensure the feet on the front sled are wound all the way down. If not properly balanced, the vibration in the sled is amplified, which transfers more vibration to the base station housed here.

BASE STATION MOUNTING

Check that the base stations are securely mounted on their brackets, and that the front face of the base station is parallel with the grey acrylic. They can come lose during transport.

LOOSEN CONNECTION TO TOWER

Loosen the bolts connecting the yellow cable trunking to the tower (as shown below), so the trunking is floating. This drastically reduces the vibration passed to the base station housed in the tower.
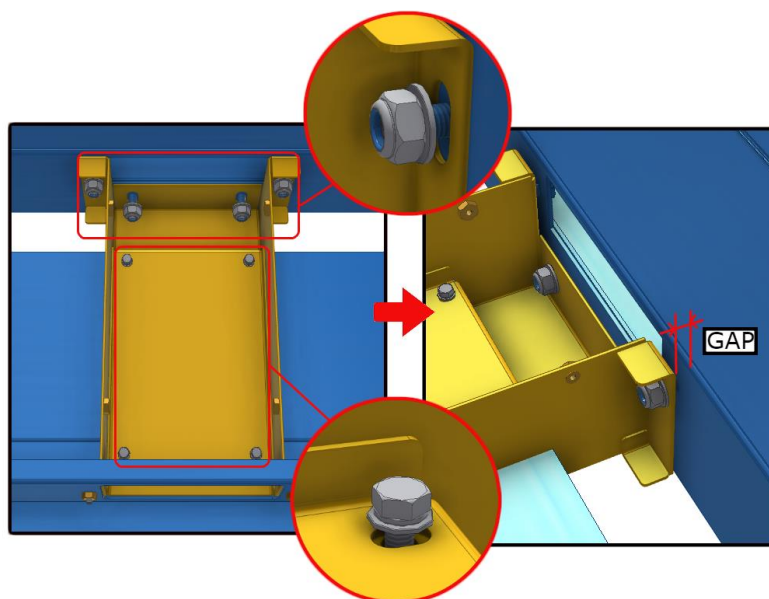
If the above steps did not resolve the issue, further troubleshooting instructions can be found under the section *Troubleshooting > Base Station and Headset Issues*.

NO MOTION DURING GAME PLAY

CHECK KCU STATUS LIGHT

The status light on the KCU can help to identify potential issues when there is no motion.

No light = KCU is not receiving power. Ensure the cabinet is turned on, and check all power cable connections.

Red = Power is present, but there is no USB connection detected. Check that the USB cable is securely plugged in at both ends, and PC1 has power.

Orange = Power is present, USB connection to PC is present. If there is no motion, there may be a hardware fault. On start-up, the chairs should automatically move backwards and forwards. If there is no movement on start-up, this also indicates a hardware fault.

Green = Motion is currently active.

If you suspect a hardware fault, there is further information about the configuration, connections and components used by the motion base under *Section B: Technical > Motion System*.

SAFETY SENSORS

Both the emergency stop button and the safety sensors have the power to stop all motion during game play. Ensure the area around the safety sensors is clear, and the sensor windows and reflectors are clean and unobstructed.

Use the input tests in the operator menu to confirm that the stop button and safety sensor inputs are operating correctly.

Follow the instructions below to calibrate the safety sensors if necessary.

SAFETY SENSOR CALIBRATION

While the safety sensors shouldn't need calibration during normal operation, moving the cabinet or replacing some hardware (sensors, reflectors) may mean the sensors require recalibration. In the event of a recalibration, please ensure the steps below are followed closely, as incorrectly calibrated safety sensors will result in a negative gameplay experience.

CLEAN

For the safety sensors to operate reliably, the sensor windows and reflectors need to be clean. Even if reflectors look clean on inspection, we strongly recommend you wipe them down with a damp cloth and check if the problem persists.

CHECK

Not blocked   *Blocked*

Safety sensors have a single trimpot for setting the ready distance.
To check if the sensor is working correctly and properly aligned, check a few things such as:

- Lamp Indicator on the sensor is on solid red (image below on the left). It means that the sensor is powered up and not blocked (it can see the reflector OK).
- Block the sensor all the way through from the safety sensor transmitter down to the reflector and check the lamp indicator. It should go to solid green (image below on the right) – indicating that something is blocking the area between Safety Sensor Transmitter and the reflector.
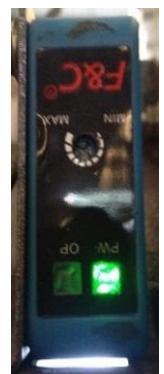
CALIBRATE

1. Use a small screwdriver and rotate the adjustment pot clockwise until at maximum position. Ensure the LED is Red.
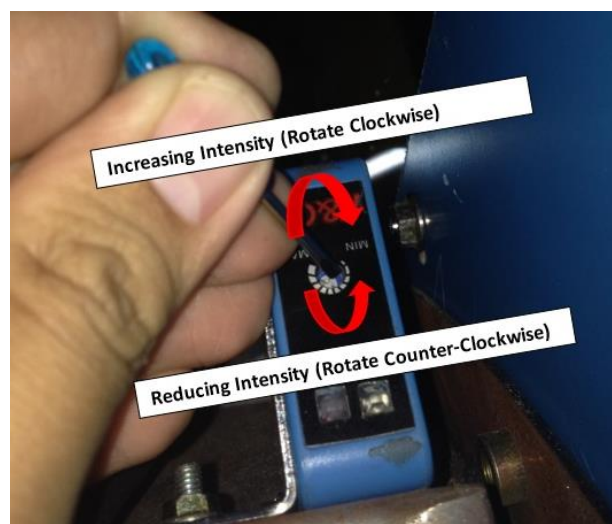
TEST

- Try to block the sensor in all positions from the sensor through to the reflector. Ensure the lamp turns green for each clock attempt at each position.

INPUT AND OUTPUT TESTS

INPUT TESTS

Trigger one of the listed inputs, and the screen will update to say the input has been received.

- Coin Mech 1
- Coin Mech 2
- Emergency Stop Button
- Safety Sensors (note that input from any one of the safety sensors will trigger a signal)

OUTPUT TESTS

- Emergency Stop Button Lamp
- Fan 1
- Fan 2

AUDIO TESTS

- **TEST AUDIO**

  Will play audio out of the left and right channels of the speakers.

CHAIR TESTS

- **START CHAIR MOTION**

  Will move the motion box and chairs in all directions to test motion.

SYSTEM SETTINGS

DATE AND TIME SETTINGS

When you receive your game, it's recommended to set the correct date and time, to ensure that your error menus display when errors really occurred.

- **Year**

  Set the current year
- **Month**

  Set the current month
- **Day**

  Set the current day
- **Hour**

  Set the current hour
- **Minute**

  Set the current minute

LINKING SETTINGS

- **Player ID**

  Must be set to 1 for PC1, 2 for PC2

IDENTIFY HEADSETS

Will display a 1 and a 2 inside the headsets of P1 and P2 respectively.

CALIBRATE HEADSET

Selecting this setting will shut down the Virtual Rabbids software and launch the headset calibration procedure. Follow the steps below for a guide through the calibration procedure.

SAFETY SENSORS

Enable or disable the safety sensors here. When disabled, the game will ignore all signals from the safety sensors.

LANGUAGE

- **ATTRACT MODE LANGUAGE** *Default English, Adjustable English / French*
  Toggle the attract mode language. Note that this does not affect gameplay or the operator menu.

CALIBRATE HEADSET

Under normal operation, the headsets should not need to be calibrated.

If a base station, headset, or PC is replaced, calibration will be required. Performing a system image will also trigger the calibration process. The Virtual Rabbids software will not start until the calibration has been completed.

Note that if headset 2 requires calibration, the HDMI switch/repeater will need to be changed to display PC2 on the top monitor.

1. Select STANDING ONLY
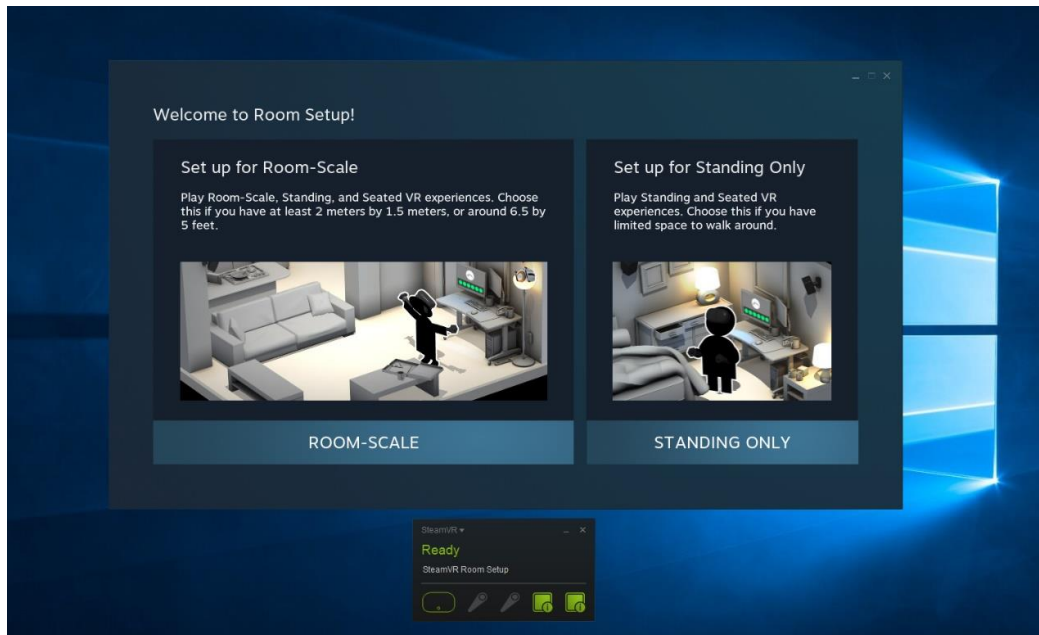
2. The headset must be visible by the base stations to start. Select NEXT

3. Hold the headset 70cm above the seat, facing directly forward, and centred in the seat (the speakers can be a good guide to find the centre of the seat). The diagram below can be used as a guide to help position the headset correctly during calibration.
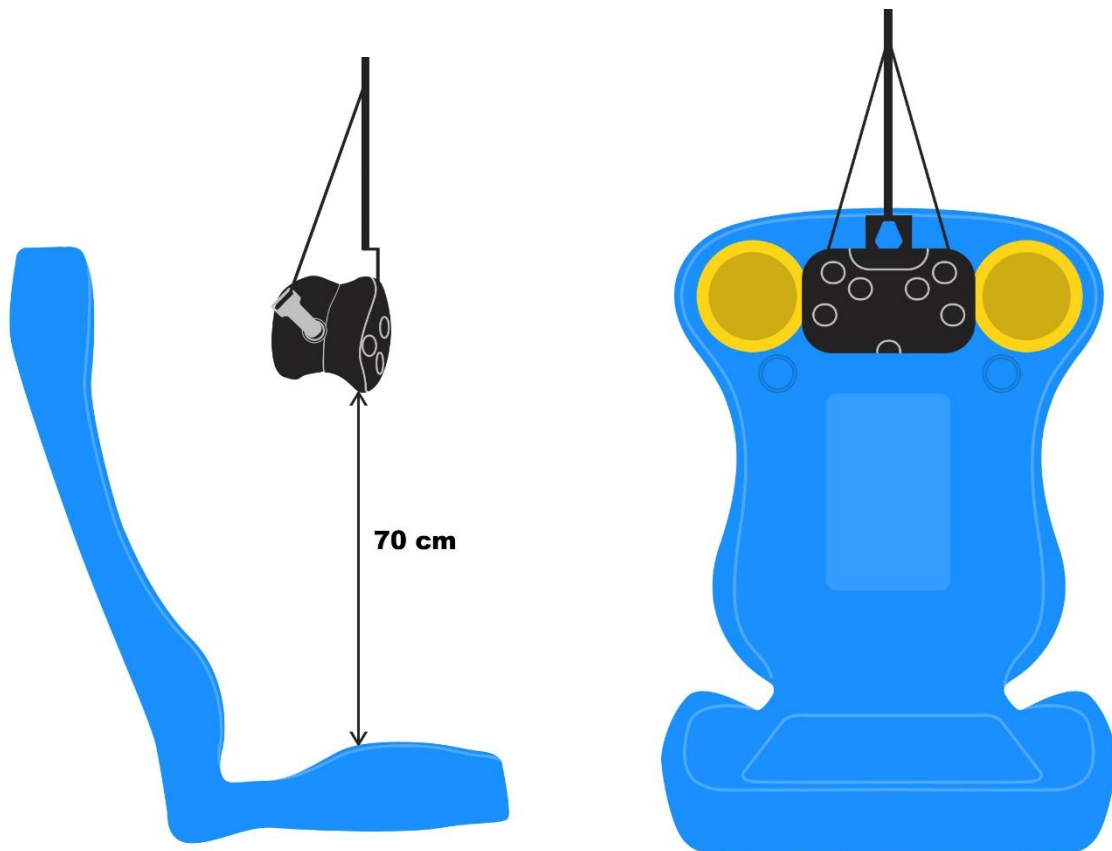
4. Ensure that the headset is held steady, as though it were resting on a table, and select CALIBRATE CENTER. When the calibration is complete, select NEXT.
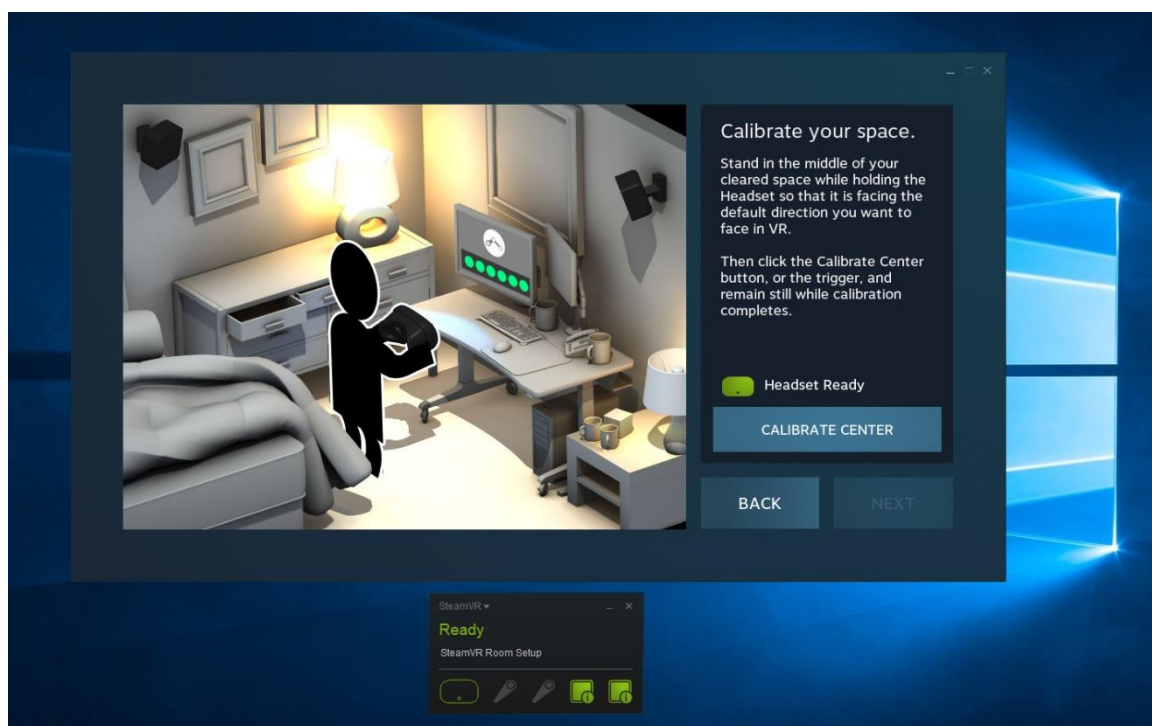
5. Let the headset hang again and **enter 150cm** in the field shown below. Ensure the units are set to cm, not in. Select CALIBRATE FLOOR. When the calibration is complete, select NEXT.
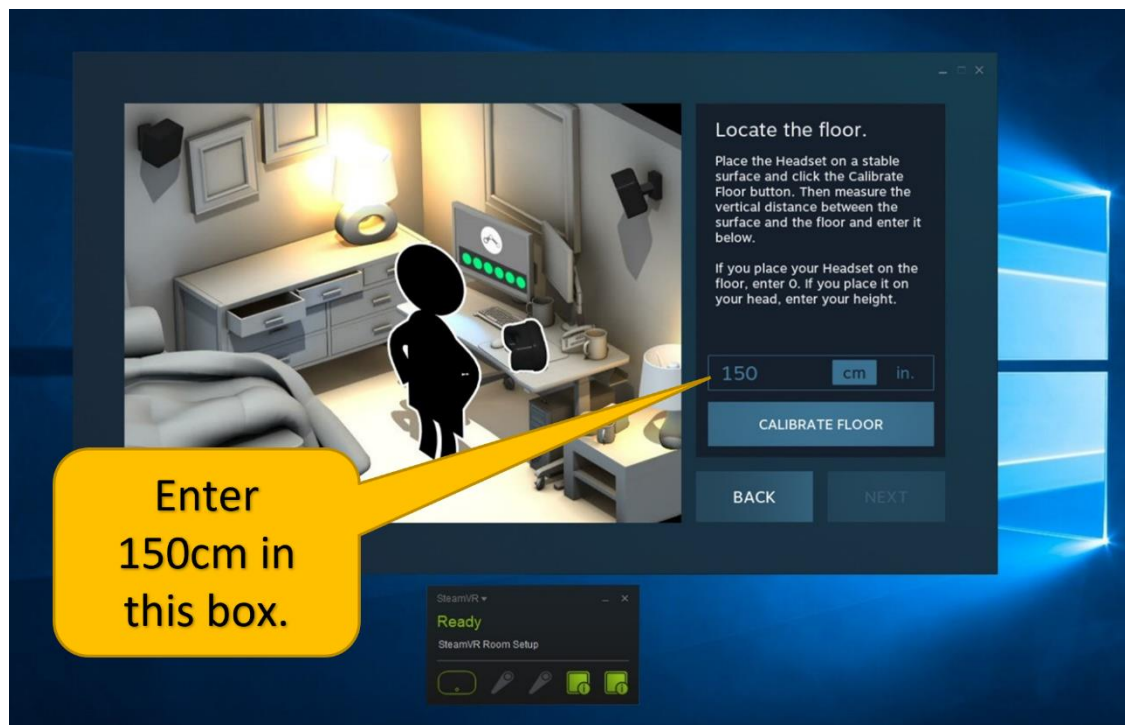
6. The calibration is complete. Select DONE to finish the process. Wait a few seconds for the Virtual Rabbids software to start up.
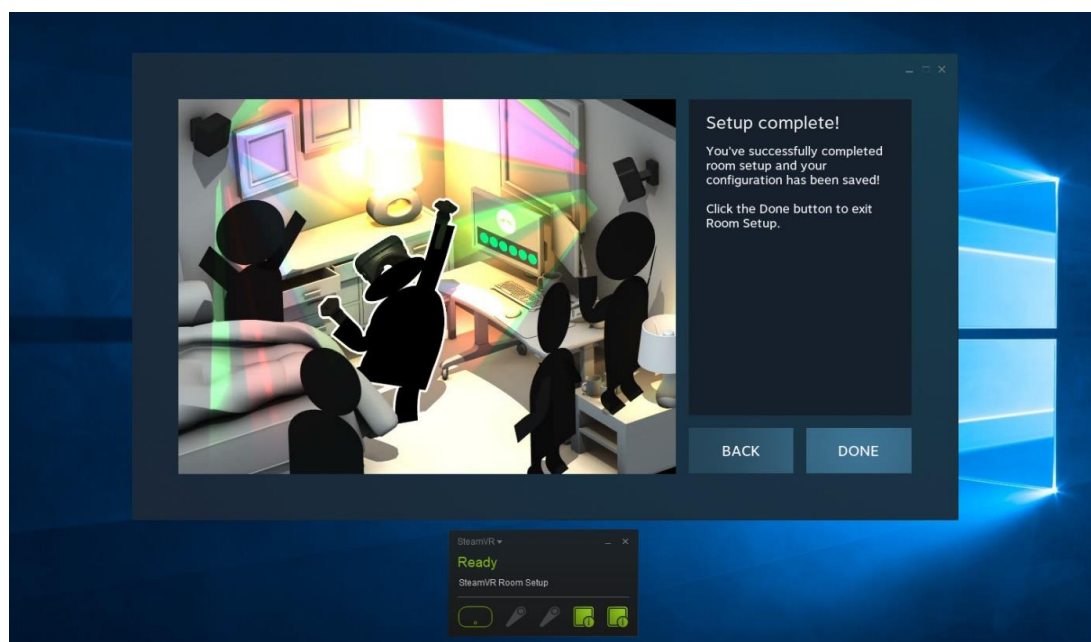
7. If you are now switching to the other PC to calibrate a second headset, power down the cabinet and wait 60 seconds. When the cabinet is powered on again, immediately change the HDMI switch/repeater to PC2, and then repeat the above procedure.

8. Once both headsets are calibrated, shut down the machine again and wait 60 seconds before powering on. The HDMI switch will default back to PC1. If your unit comes with a HDMI repeater, you will need to connect the PC1 HDMI cable to the repeater instead.

CREATING A BOOTABLE USB

THINGS YOU WILL NEED

- A completely empty USB that has a capacity of at least 16GB.
- **NOTE:** *Everything on this USB will be COMPLETELY ERASED. Ensure that there are no important files on it.*
- The downloaded game software file (this should be an ISO file).
- Version 2.18 of the program Rufus, free download from http://rufus.akeo.ie/downloads/
- This link can be used to download the correct version directly:
  http://rufus.akeo.ie/downloads/rufus-2.18.exe

INSTRUCTIONS
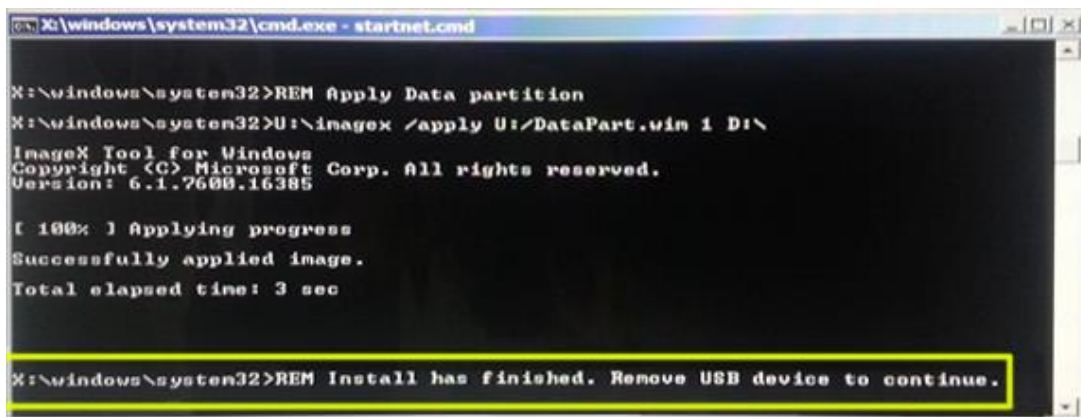
1. Plug your empty USB into your personal computer.
   NOTE: *Ensure you only have one USB device plugged into the computer, to guarantee that the wrong device is not accidentally wiped.*
2. Run the program Rufus (the file should be called rufus_v1.3.4, though the numbers may vary).
3. Under the first option, **Device**, select your USB device from the drop down menu.
   NOTE: *If your device is not listed in the drop down menu, click the white arrow button next to the heading **Format Options**. Under the new **Advanced Options** section, check the first check box. This enables "List fixed (non-flash) or unpartitioned USB disks."*
4. To the right of the option called *Create a bootable disk using:* there is a button with an image of a CD on it. Click this button.
5. Select your ISO file and click Open.
6. Ensure that all the check boxes and settings match the image to the right (you will need to uncheck "Create extended label and icon files" and "Use Rufus MBR with BIOS ID").

7. Click Start, and in the window that pops up, click OK. This process can take up to 5 minutes, depending on the size of the ISO file.
8. When the process is finished, DONE should show at the bottom of the Rufus window.
9. The bootable USB is now finished.
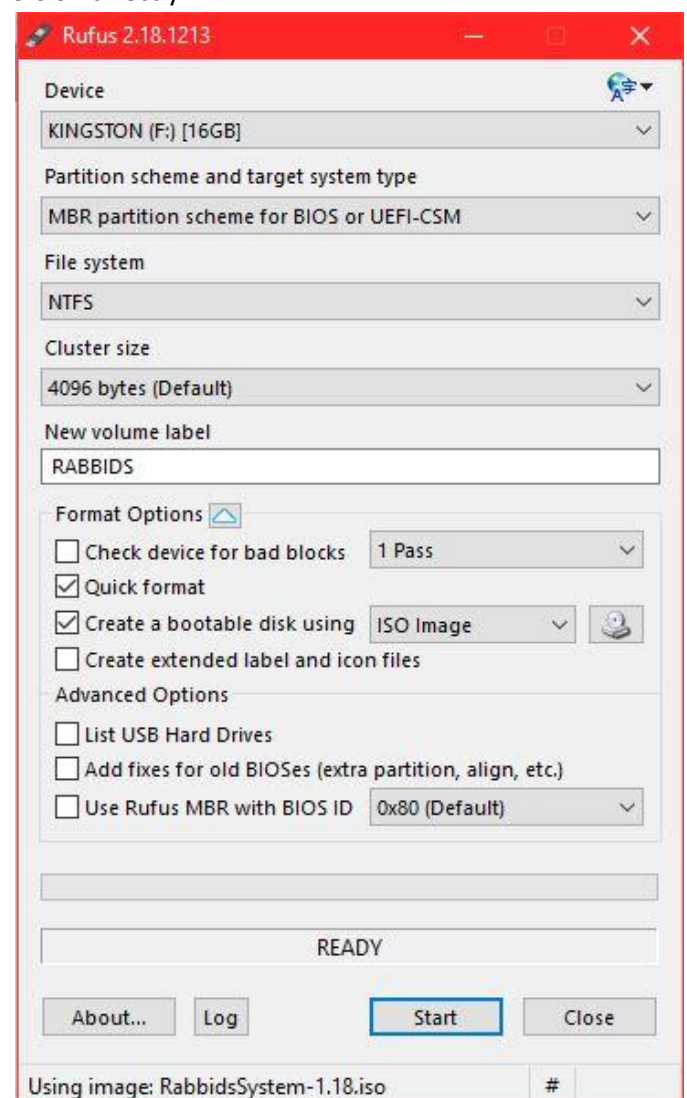
UPDATING A CABINET USING A BOOTABLE USB

Virtual Rabbids: The Big Ride has two PCs, each of which need to be updated individually – always ensure that both PCs are running the same version of software by updating them at the same time.

1. Ensure the HDMI switch/repeater is set to PC1 and the keyboard dongle is plugged into PC1.
2. Ensure the cabinet is turned on.
3. Plug the USB into PC1. Ensure that no other USB's are plugged in.
4. Hold down the power button on the front of PC1 until it powers off.
5. Press the power button on the front of PC1 to turn it on again.
6. A black box on screen will display the progress of the update. This process can take up to 20 minutes. The percentage at the bottom of the box will show progress to 100%.
7. Once the process is finished, the last line of text in the black box will instruct you to remove the USB.
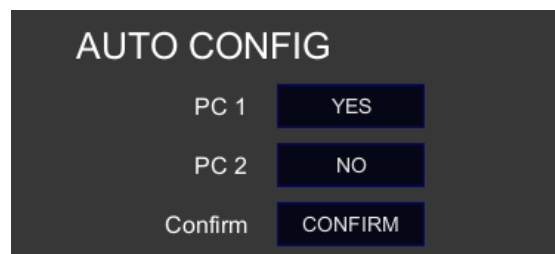
8. Remove the USB, and the PC will automatically reboot.
9. If you have performed a system image, you will need to calibrate the headsets. Please refer to page 29 of this manual for instructions on calibrating the headset.
10. Once calibration is complete, wait for the Virtual Rabbids software to start up, and you will be presented with the linking configuration page. On PC1, ensure PC1 is set to YES (setting can be toggled by clicking it using the trackpad on the keyboard), as shown below, then click confirm. The software will reboot.

11. Set the HDMI switch/repeater to PC2 and plug the keyboard dongle into PC2.
12. Plug the USB into PC2.
13. Hold down the power button on the front of PC2 until it powers off.
14. Press the power button on the front of PC2 to turn it on again.
15. A black box on screen will display the progress of the update. This process will take around 20 minutes. The percentage at the bottom of the box will show progress to 100%.
16. Once the process is finished, the last line of text in the black box will instruct you to remove the USB.
17. Remove the USB, and the PC will automatically reboot.
18. If you have performed a system image, you will need to calibrate the headsets. Please refer to page 29 of this manual for instructions on calibrating the headset.
19. Once calibration is complete, wait for the Virtual Rabbids software to start up, and you will be presented with the linking configuration page. On PC2, ensure PC2 is set to YES (setting can be toggled by clicking it using the trackpad on the keyboard), as shown below, then click confirm. The software will reboot.
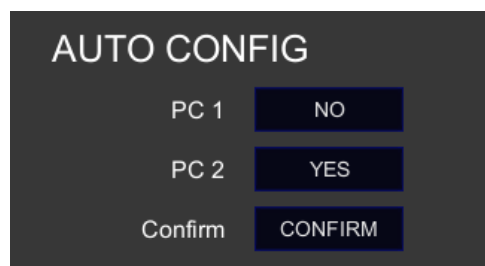
20. Set the HDMI switch/repeater back to PC1.
21. Your game has been successfully updated.

NOTE: During normal operation, the HDMI switch/repeater should always be set to PC1.

SECTION A: SERVICE INSTRUCTIONS

> **NOTE:** Be sure to read the following carefully before servicing the machine.

LOCATING AND ACCESSING PARTS

The following pictures identify the location of the main serviceable items.

1. Header
2. Side header
3. Monitor
4. Headset sensor 1
5. Speakers x 4
6. Headset 1
7. Headset 2
8. Stop button
9. Fan 1
10. Headset sensor 2
11. Fan 2
12. Tower front access door
13. Dust cloud
14. Safety sensors and reflectors
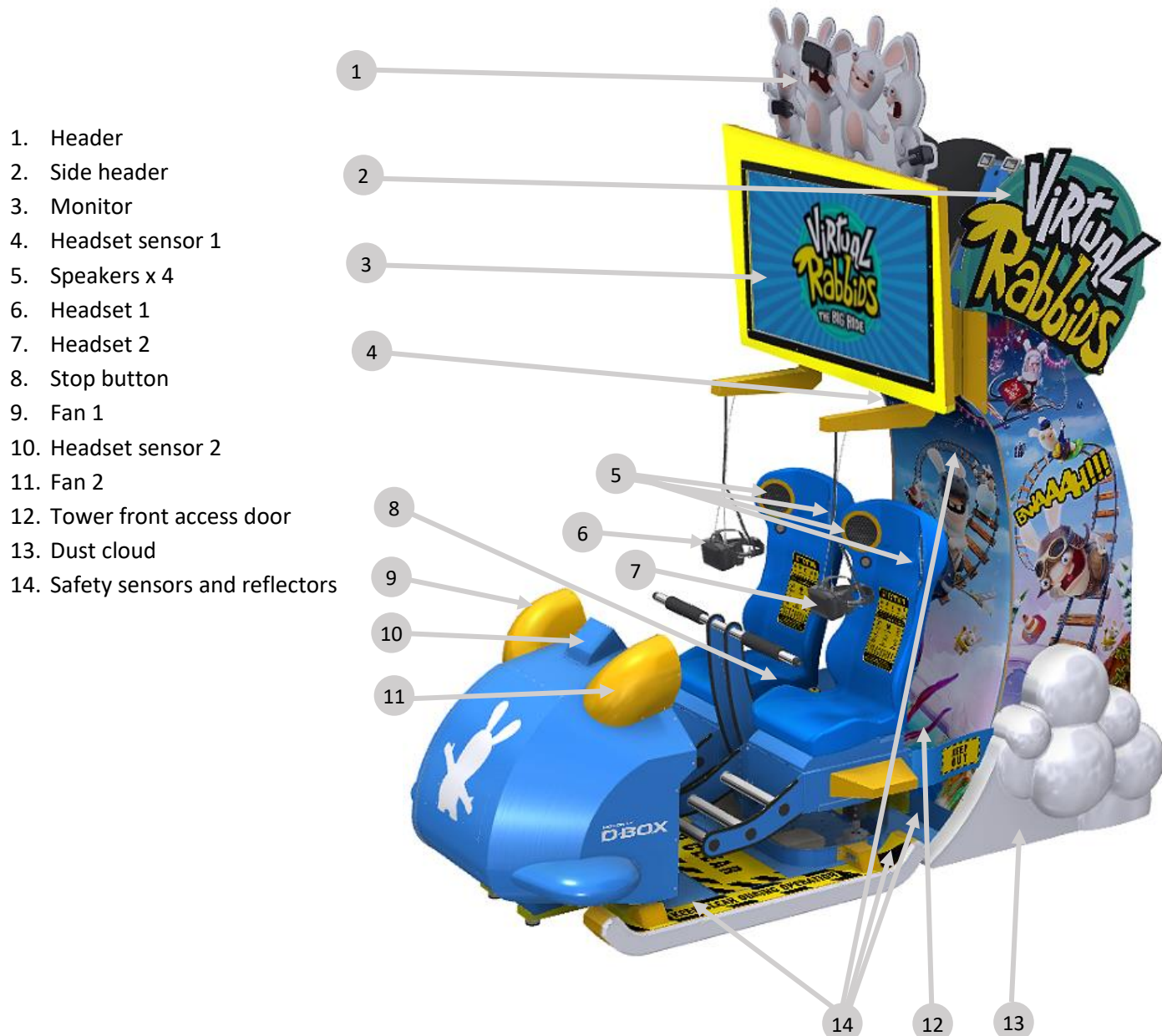
15. Coin door
16. Fan 1 intake
17. Fan 2 intake

18. Operator panel
19. Cash box
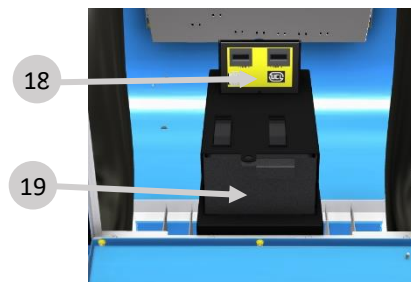
20. Speaker crossover (below seats)
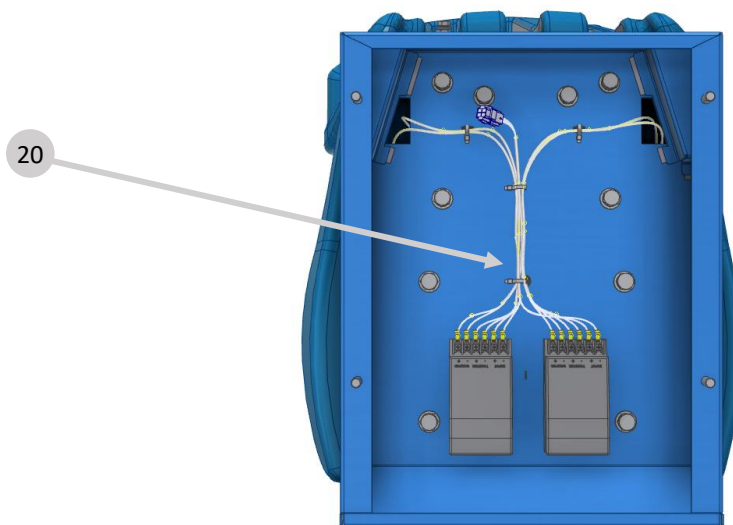
21. Actuator power supply (optional)
22. Actuator 1
23. ACM-II
24. Actuator 2
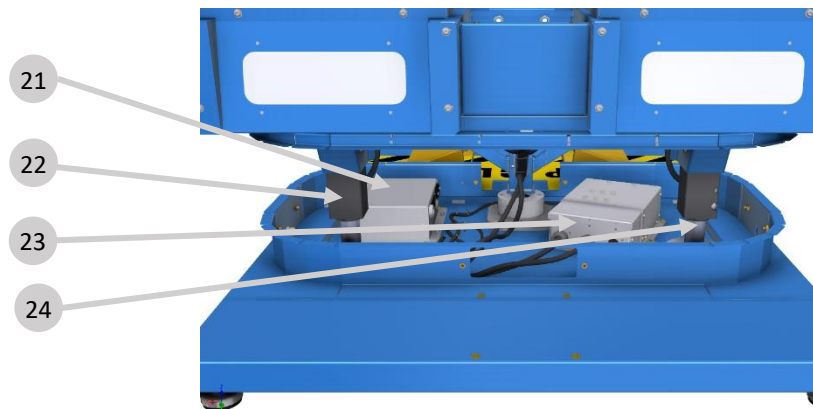
25. Header lighting brackets
26. Tower rear access door
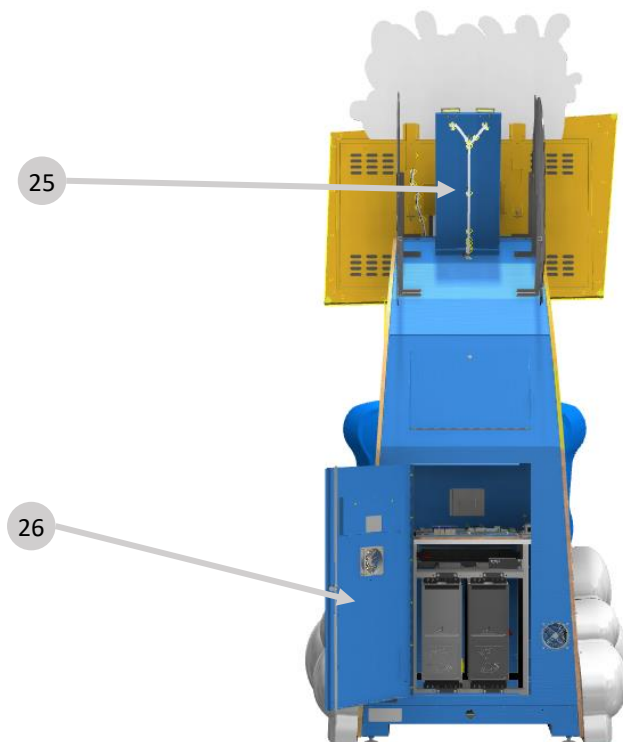
27. HDMI switch/repeater
28. USB RS485 converter
29. Cabinet fuses
30. Power supply
31. Fan speed control relays
32. FB216
33. Audio amplifier
34. Fan power control relays
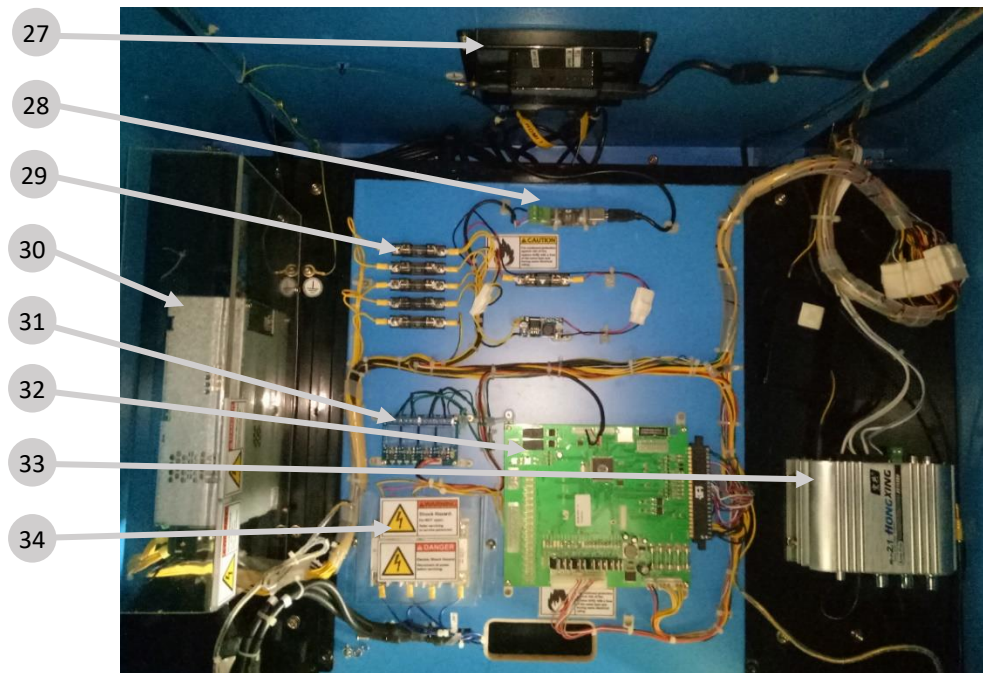
35. PDU 1
36. PDU 2
37. Motion control unit
38. PC 1
39. PC 2
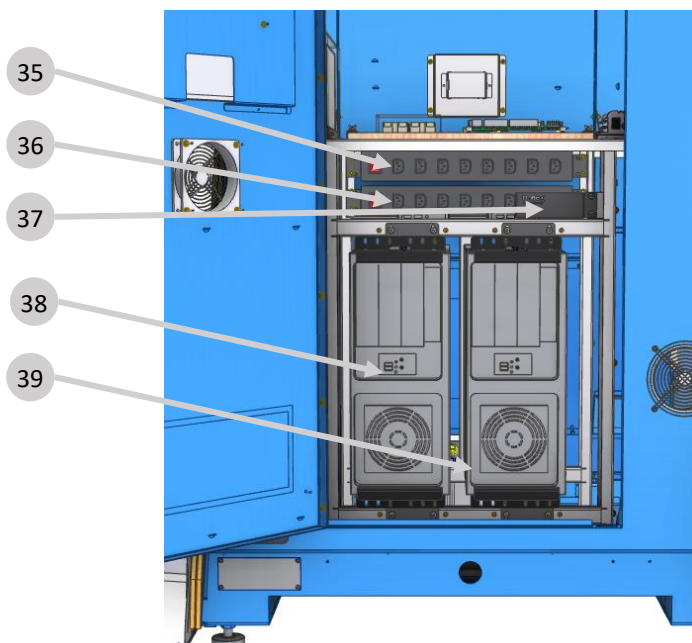
PARTS DESCRIPTION

SPEAKERS

Each seat has a pair of woofers and tweeters, with crossover mounted below the seats.
The audio is provided by PC1 only and played through speakers in both seats.
Audio volume can be adjusted by the amplifier accessible by the rear service door.

COUNTERS

Counters will increment for each coin input. Counters are under firmware control and are not directly connected to the mechanisms.

FANS

Blower fans are under software/firmware control and driven independently of each other. Fan speeds are set simulating the video seen by the player in each seat.
Fan control commands are provided by PC1 only.

PCs

2 PCs are used in the game and are internally networked together. PC1 drives the headset 1 video. PC2 drives the headset 2 video.
PC1 is also considered the "master" in that it also controls the seat motion and audio. It also displays the operator menu.

HDMI SWITCH/REPEATER

Video output from the 2 PCs can be shown on the top attract monitor. By default, PC1 output is shown. PC2 output can be displayed to perform diagnostics if needed.
Different PC outputs can be selected by pressing the button on the HDMI switch.
If your unit comes with a HDMI repeater, different PC outputs can be selected by connecting the respective HDMI cable to the HDMI repeater.

COIN MECHANISM/BILL ACCEPTOR/CARD SYSTEM

Credits can be inserted via a coin mech, bill acceptor and/or card system connection. All interfaces are located inside the front coin door on the front sled section.

IO BOARD – FB216

The FB216 is the main logic IO board for the game. It contains firmware to read and control buttons, coins, counters and fans.

FIRMWARE

Note that the current version of firmware on FB216 can be seen in the top right-hand corner of the operator menu on PC1.

POWER INLET/MAINS SWITCH

The power inlet is a standard IEC inlet socket with a mains power switch, located at the rear of the machine. There is a main power fuse internal in this IEC socket. Fuse ratings will be specified on the fuse labels.

> **WARNING:** **ALWAYS** turn **OFF** mains power and unplug the game before replacing any fuses.
> **ALWAYS** use the correctly rated fuse.

> **WARNING:** **Some components in this cabinet can only operate at a specific AC mains voltage. Virtual Rabbids: The Big Ride does not support a universal AC input voltage.**

LAMPS

> **WARNING:** **Always** turn **OFF** mains power and unplug the game, before replacing any lamps.
> **Always** replace the lamps with the same or equivalent size, wattage and voltage**.**

Lamps and lighting use a combination of T10 lamps and LED strip. Contact your nearest LAI Games office for replacement lamps to ensure color is matched.

MAINTENANCE

EXTERIOR

- Regularly dust and clean the external cabinet areas as required, using a soft water-damp cloth and mild soap.
- Check for blown lamps and replace as required. Check all LED strips are functioning, and repair as required.
- Check the monitor image is clear.
- Wipe the monitor clean with a soft damp cloth.
- Check the foam padding on the headsets and replace where needed.
- Wipe the headset lenses with the cloth provided.
- Check the cables below the motion base and ensure there are no signs of wear, and that all cables are intact and firmly secured.
- Check the blower fan intake openings and clean the filter, replace filter when required.
- Check the cables connecting to the headset are secure and firmly seated. Verify the video image in the headset is clear and free of 'noise'.
- Ensure all safety and warning labels are intact and legible. Replace where necessary.
- Check the cabinet for loose fixings and tighten where required.
- Regularly check safety sensor window and reflectors are clean and free of any dirt. Clean with a damp cloth regularly.

> **NOTE:**   Even if safety sensor windows and reflectors don't appear dirty, cleaning them regularly will ensure optimal operation.

> **WARNING:** **Always** turn **OFF** mains power and unplug the game before cleaning or servicing the motion base and surrounding areas.

INTERIOR

- Regularly dust and vacuum the interior of the cabinet, taking care to remove any objects that may have fallen.
- Check and tighten all fixing hardware and fasteners as required.
- Check the PCs for dust accumulation. Open the cases and gently blow out any dust from ventilation and cooling fans.
- Check the keyboard operation and replace the batteries when needed (2 x AA)

> **WARNING:** **Always** turn **OFF** mains power and unplug the game before cleaning the interior of the machine.

SECTION B: TECHNICAL DETAILS

WARNING: It is advised that anybody using SECTION B for repairing or modifying any of the components of the game should be a qualified technician, having at least a basic knowledge of digital components, integrated circuits and electricity.

MOTION SYSTEM

The DBox system comprises of multiple parts arranged as follows.
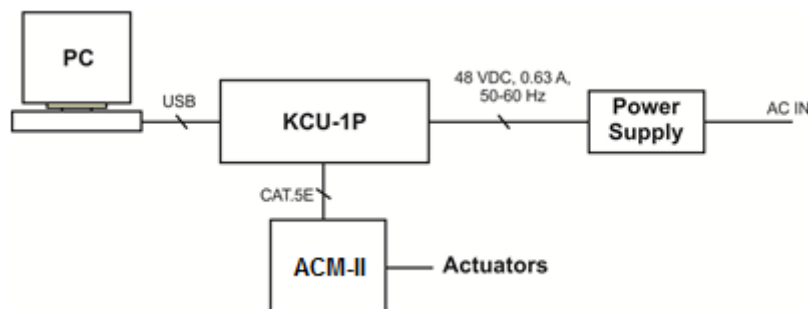
- PC

  PC1 only in the game cabinet is responsible for controlling the motion, regardless of which player position is in use.

- KCU-1P Motion Controller

  This device connects PC1 to the Actuator Control Unit via USB cable.
  Shielded Cat-5E data cable connects to the Actuator Control Unit.

  At power up, the LED located on the front plate indicates the status of the KCU-1P. The boot up sequence is as follows:
  - RED: presence of the 48 V power but no USB connection.
  - ORANGE: Connected to the PC USB port, drivers are installed. The unit is ready to operate
  - GREEN: Active Motion

- ACM-II Actuator Control Module
  This mounts below the seats and powers the actuators.

  Ensure connections are as shown in the photo below:
  - MASTER IN: It joins to the KCU-1P by cat5 cable to the repeater in the front base of the tower.
  - MASTER OUT – END: join these together with short cat5 patch cable.
  - TO SLAVE: no connection.
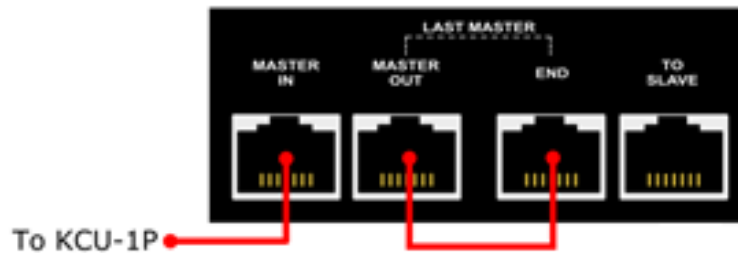
  ACM-II LED Status:
  - Off: N.D.
  - Green: No fault.
  - Flashing green & flashing orange/red (MASTER):   Fault on one of the ACM-II
  - Red: Actuator fault, required manual re-initialisation.
  - Orange: Actuator fault, the unit will reinitialize by itself after a few minutes.

If the cabinet is configured for 240VAC mains input, then an additional power supply is installed below the seats.

FUSES

6 panel mount fuses are located on the PCB assembly panel.
Value: 5A Fast Blow, 3AG size
Refer to the stickers placed near the fuses.
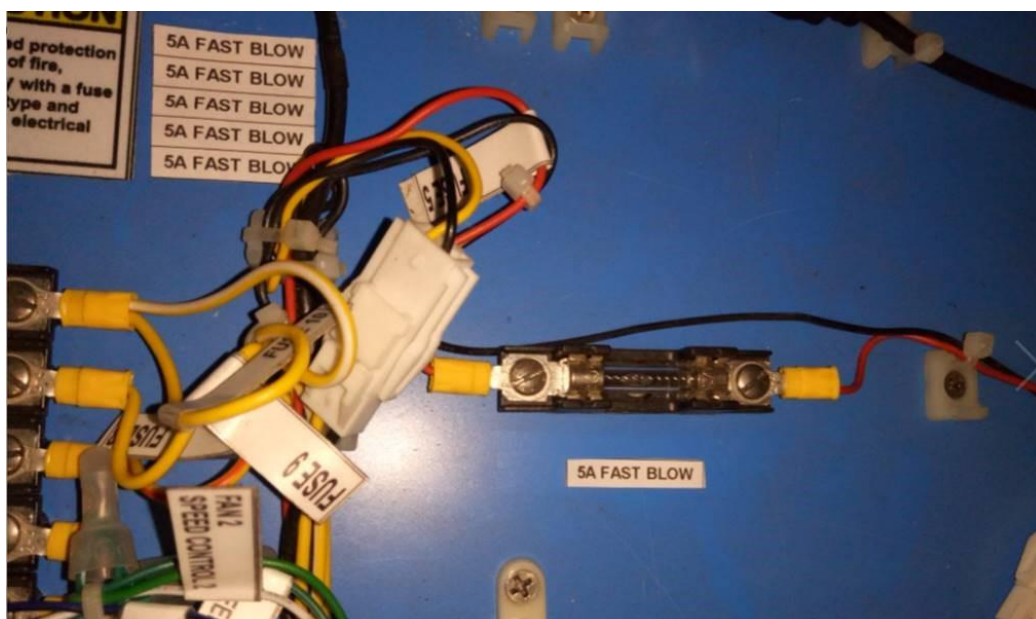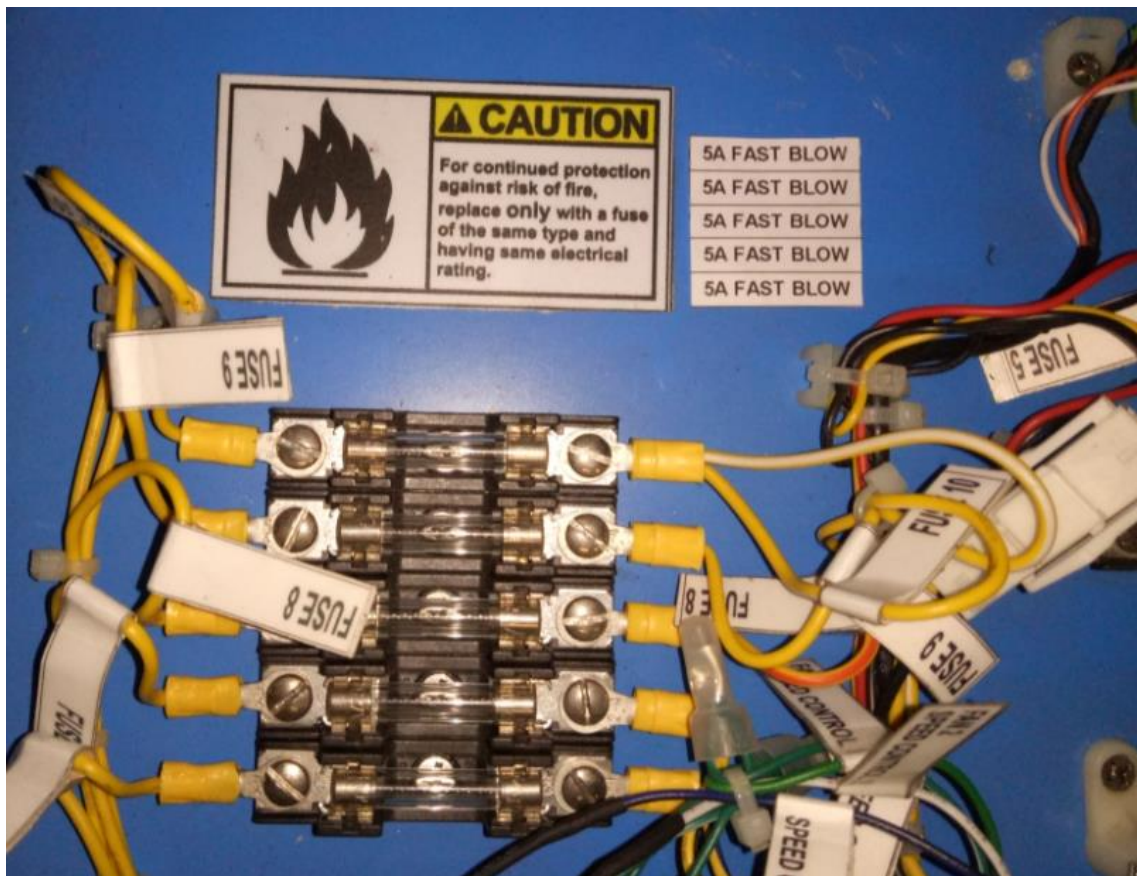
VIVE HEADSETS

Each headset is driven by a single PC. Player position 1 headset is driven by PC1 and player position 2 headset is driven by PC2.

The headsets track the players head position and orientation by using the "Headset Tracking Sensor 1" and "Headset Tracking Sensor 2". Both these sensors must be operating and unobstructed to allow headset tracking to function. They must be able to see each other as well as the headsets.

Headsets have an LED to indicate headset status:

Bright Green: The headset is operating normally.

Dim Green: the headset has entered standby mode. Wake up the headset by moving it within view of the sensors.

Red: Software is not communicating with the headset.

Off: No power is applied to the headset.

Sensors show a green letter to identify them. Please check the sticker next to the base station to confirm the correct letter. Both sensors should have a different letter for proper operation.

The status LED indicates the following:

- Green: Sensors are ready for use.
- Dim Green: The sensors have gone into standby mode. This should not occur, but If it does then the game power needs to be restarted.
- Blue: The sensors have been knocked too hard and they are still stabilizing.
- Purple: The sensors are unable to see each other.
- Off: No power is applied.

BLOWER FANS

The blower fans are powered and speeds are set by relay PCBs. Fans have 5 "speeds": OFF, LOW, MEDIUM, HIGH and MAX. LEDs on the relays indicate the fan operation.

The Speed control relays set the speed that the fans run at (LOW to MAX):

Fan 1 speed control LEDS

Fan 2 speed control LEDS
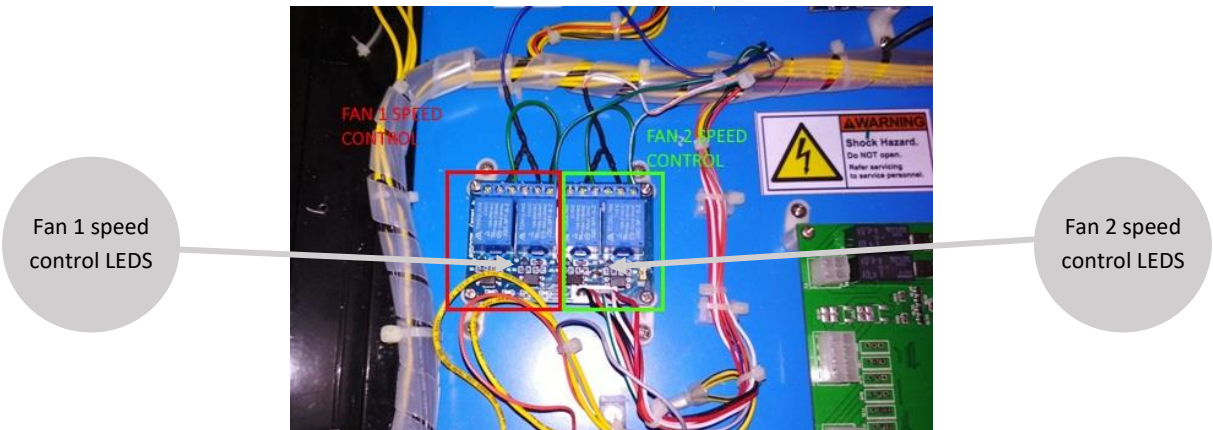
The Power control relays set the is the fans are powered on or off. The fan is powered if the Fan Power Control LED is ON.

Fan 1 power control LED

Fan 2 power control LED

PCs

2 PCs are installed and run the same software. Each is independently configured to perform the task of a player 1 (master functions) or player 2 position.
A single network patch cable joins the PCs together to allow for game linking and command transfer.

PC 1 is termed the 'Master', it performs addition tasks:

- Controls seat motion via connection to motion system components.
- Plays seat audio.
- Reads coin inputs, stop button inputs, fan speed control outputs via connection to the FB216 IO PCB.
- Communicate game information to and from PC2
- Record and display game audits.

COIN OPTIONS REFERENCE GUIDE

By default, the coin door contains a micro switch connected to the COIN1 input for crediting the machine.

A 6-way Molex connector has been installed on the coin door which can be optionally used to make adaptors for most electronic coin systems and comparators.

The following picture illustrates the connector pinout.
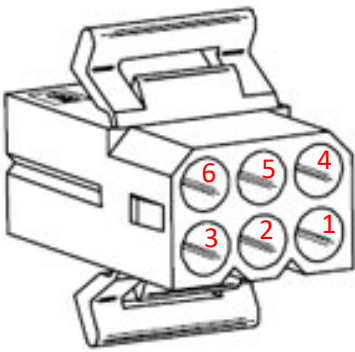
Shell part number: Molex 03-09-1064

Pins: Molex 02-09-1119 (loose)
        Molex 02-09-1117 (chain)

PIN1 = GND
PIN2 = COIN1 input
PIN3 = 12VDC
PIN4 = GND
PIN5 = COIN2 input
PIN6 = 12VDC

Contact your nearest LAI Games distributor for harnessing to suit different coin comparators and bill acceptors.

UNIVERSAL CARD LINK CONNECTION

Two UCL compatible connectors exist on the operator panel inside the coin door.

The UCL connector labelled COIN 1 allows a card system to credit the coin 1 input (player 1 position).

The UCL connector labelled COIN 2 allows a card system to credit the coin 2 input (player 2 position).

Refer to the wiring diagrams for detailed pinout information.
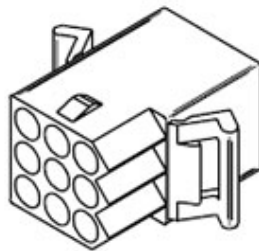
Mating shell part number: Molex 9-pin housing: 03-09-2092

Pins part number: Wire Gauge and Terminals: 02-09-2103 (14-20-gauge wire) or 02-09-2118 (18-22-gauge wire)

WIRING DIAGRAMS

(Next Page)

FOR 220-240VAC CABINET OPTION - USE 6.3A FUSES

FUSE 6.3A
FUSE 6.3A
FILTER

MAINS DB BOX

CHOOSE ONLY 1 DB-BOX
BASED ON INPUT AC VOLTAGE

13

FOR 110-120VAC CABINET OPTION

FILTER

MAINS DB BOX

13

Split Core Noise Emi Filter

EARTH

13

POWER PDU 1/UP

Power Plug Adapter   Power Plug Adapter

C1
IEC320 C13

4

TO PSU BASE STATION/SENSOR VR 2   12V BASE2 / GND BASE2
SEE SHEET 10 (RVR-EM-010)

TO PSU BASE STATION/SENSOR VR 1   12V BASE1 / GND BASE1
SEE SHEET 3 (RVR-EM-003)

TO CONNECTION MASK DISPENSER
SEE SHEET 9 (RVR-EM-009)

TO CONNECTION MIDDLE (COIN DOOR)
SEE SHEET 10 (RVR-EM-010)

TO CONNECTION PC (PC1)
SEE SHEET 3 (RVR-EM-003)

POWER PDU 2/DOWN

2

C2
IEC320 C13

4

TO CONNECTION PC (PC2)
SEE SHEET 3 (RVR-EM-003)

TO MONITOR   NOTE : NOT USED IN MINI VERSION   14
SEE SHEET 3 (RVR-EM-003)

TO D-BOX KCU-1P PSU 48VDC
SEE SHEET 4 (RVR-EM-004)

TO CONNECTION MIDDLE (D-BOX MOTION BASE)
SEE SHEET 10 (RVR-EM-010)

TO RELAY
SEE SHEET 2 (RVR-EM-002)

12V VR1 / GND VR1   TO PSU CONTROL HEADSET VR 1
SEE SHEET 3 (RVR-EM-003)

12V VR2 / GND VR2   TO PSU CONTROL HEADSET VR 2
SEE SHEET 3 (RVR-EM-003)

C43
VLR 3   VLP 3

TO PCB FB216
SEE SHEET 2 (RVR-EM-002)

+12 VDC / GND   FUSE (F8) FAST BLOW 5A   +12 VDC (F8) / GND
TO CONNECTION WIRING
SEE SHEET 9 (RVR-EM-009)

C3
YLP 12   YLR 12

+12 VDC / GND   FUSE (F7) FAST BLOW 5A   +12 VDC (F7) / GND
TO CONNECTION WIRING
SEE SHEET 9 (RVR-EM-009)

+12 VDC   FUSE (F9) 5A FAST BLOW   +12 VDC (F9)
TO FRONT CABINET LIGHT
SEE SHEET 6 (RVR-EM-006)

TO LIGHTING 1
SEE SHEET 8 (RVR-EM-008)
14

+12 VDC   FUSE (F10) 5A FAST BLOW
2
TO CONNECTION WIRING
SEE SHEET 9 (RVR-EM-009)

+12 VDC   FUSE (F6) 5A FAST BLOW   +12 VDC (F6)
TO CONNECTION WIRING
SEE SHEET 9 (RVR-EM-009)

TO CONNECTION WIRING
SEE SHEET 9 (RVR-EM-009)

C4
YLP 15   YLR 15

POWER SUPPLY
12V 600W

16

L N EARTH
GND GND
+12VDC +12VDC

C11
YLP 2   +12 VDC / GND   FOR OPTIONAL PCB STEP DOWN

C24
YLR 3   +5V DC / GND (A)

FUSE (F5) FAST BLOW FUSE 5A   +5V DC (F5) / GND (A)
TO CONNECTION WIRING
SEE SHEET 10 (RVR-EM-010)

TO HEADER LIGHT AND MONITOR SURROUND LIGHT
SEE SHEET 3&8 (RVR-EM-003&08)

TO EXHAUST FAN
SEE SHEET 12 (RVR-EM-012)

Title *Rabbids Wiring Drawing*
Page Size: A3   Revision: 19
Design Date: 28-Jun-23   Sheet 1 of 15
Engineer: Kim   FileName: RVR-EM-001 Power.SchDoc

LAI Games
www.laigames.com

RELAY 2
+12 VDC (F1)
FAN 2 PWR
SSR-40 DA RELAY
INSET
L (FAN 2)
L
RELAY AC MAINS

RELAY 1
+12 VDC (F1)
FAN 1 PWR
SSR-40 DA RELAY
INSET
L
RELAY AC MAINS

C27
VLP 3 VLR 3
N E L / 1 2 3 / N E L

TO POWER PDU
SEE SHEET 1 (RVR-EM-001)

C28
VLP 6 VLR 6
N (FAN 2) / E / L (FAN 2) / N (FAN 1) / E / L (FAN 1)
1 2 3 4 5 6

TO CONNECTION MIDDLE
SEE SHEET 10 (RVR-EM-010)

GND (SHIELD)
RS485 CH1 A+
RS485 CH1 B-
PCB USB-RS485
GND A B
USB-RS485
FT232 USB-RS485 CONVERTER MODULE

USB CABLE DATA
TO PC (PC1)
SEE SHEET 3 (RVR-EM-003)

C6 / XHP 7
RS485 CH1 A+ / RS485 CH1 B- / GND (SHIELD)

PCB FB216
I/O BOARD
PCB FB216

EMERGENCY SENSOR

C7 / P1
PA0 PA1 GND PA5 PA6 PA7 PB3 PB4 PB5 GND PB10 PB11 PE9 PE10 PE11 PE12 PE13 PE14 PE15 PF2 PF3 PF4 PF5 PF6
1–24

EMPTY MASK LAMP
MASK INDICATOR LIGHT
MASK DISPENSE BTN LAMP
MASK DISPENSE ARM 5
MASK DISPENSE ARM 6
COIN 1 METER
COIN 2 METER

P5 / PF7 PF8 DGND PF9 PF10 PF11 PF12 DGND PF13 PF14 PF15 PG0 PG1 PG2 PG3 PG4 PG5 PG6 PC14 PC15
1–20

P4 / GND GND GND PG5 PC14 PC15
MINIFIT 20W

P3 / MOTOR 1+ MOTOR 2+ MOTOR 1- MOTOR 2-
MINIFIT 8W

P2 / MINIFIT 4W

J9 / MINI JST 7W

J2 / J6
I2C SCL RGB / I2C SDA RGB / GND / GND / DC SDA 2 / DC SCL 2
MINI JST 6W

J3
SND/LCD D0 / SND/LCD D2 / LCD RS / VCC / GND / GND / SND/LCD D1 / SND/LCD D3 / LCD CLK / P3_10 / GND / GND
MINIFIT 12W

J6
VCC IN / SWDIO / SWDCLK / PB10 / PB11 / BOOT 0 / GND
MINI JST 7W

IDC 16W

C8 / J8
+5V DC / GND / +5VDC
MINIFIT 24W

C9 / J2
+12 VDC F(3) / +12 VDC F(3) / +12 VDC F(4) / +12 VDC F(4) / +12 VDC F(1) / +12 VDC F(1)
1–6
VHR 6W / JST 6W

TO CONNECTION WIRING
SEE SHEET 10 (RVR-EM-010)

J1 / C5
GND GND GND GND +12VDC +12VDC +12VDC +12VDC
OPERATOR BTN ENTER / OPERATOR BTN RIGHT / OPERATOR BTN UP / OPERATOR BTN LEFT / OPERATOR BTN DN / GPIOPC4
TICKET DRIVE 2 / TICKET DRIVE 1 / TICKET NOTCH 2 / TICKET NOTCH 1
PC3 / COIN 1(COIN MECH DEFAULT) / PC4 / COIN 2(DBA DEFAULT) / PC5 / PD0 PD4 PD6 PD8 PD10
COUNTER 1 / COUNTER 2 / COUNTER 3 / COUNTER 4 / COUNTER 5
PE5 / PE7 / PB3 / DGND DGND DGND DGND
EDGE 22W

Edge Connectors 22P Housing

TO POWER PSU DC
SEE SHEET 1 (RVR-EM-001)

STOP BTN SW
MASK SENSE
MASK EMPTY BTN
COIN 1
MASK DISPENSE ARM 4
COIN 2
FAN 1 SPEED 1
MASK DISPENSE ARM 3
FAN 1 SPEED 2
FAN 2 SPEED 1
FAN 2 SPEED 2
STOP BTN LAMP
FAN 1 PWR
FAN 2 PWR
MASK DISPENSE ARM 1
MASK DISPENSE ARM 2
MASK DISPENSE BTN
DGND
DGND

2 RELAY CHANNEL PCB

C21 / XHP 6
GND / FAN 1 SPEED 1 / FAN 1 SPEED 2 / FAN 2 SPEED 1 / FAN 2 SPEED 2 / +5V DC
GND / IN 1 / IN 2 / IN 3 / IN 4 / VCC
1–6

NC1 COM NO1 NC2 COM NO2
3K / 1.6K / 220R
FAN 1 SPEED CONTROL 2
FAN 1 SPEED CONTROL 1

NC3 COM NO3 NC4 COM NO4
3K / 1.6K / 220R
FAN 2 SPEED CONTROL 2
FAN 2 SPEED CONTROL 1

PCB RELAY 2 CHANNEL

TO CONNECTION WIRING
SEE SHEET 10 (RVR-EM-010)

AUDIO FILTER

R IN
SHIELD
L IN
Stereo Jack 3.5
TO PC (PC1)
SEE SHEET 3 (RVR-EM-003)

AMP
R IN
SHIELD
L IN
Stereo Jack 3.5
AUDIO IN

POWER INLET 12 VDC
POWER JACK DC
+12 VDC (F1)
GND

SPK L + / SPK L - / SPK R + / SPK R -
SPK + (L) / SPK - (L) / SPK + (R) / SPK - (R)
1 2 3 4

WOOFER + / WOOFER -
1 2

HONGXING 2.1 CH
HX168AN
AMPLIFIER

TO CONNECTION WIRING
SEE SHEET 10 (RVR-EM-010)

TO EXHAUST FAN
SEE SHEET 12 (RVR-EM-012)

TO CONNECTION WIRING
SEE SHEET 10 (RVR-EM-010)

VIDEO CONNECTORS
PC V1 - 1 X DVI, 4 X HDMI
PC V2 - 1 X HDMI, 4 X DISPLAYPORT

PC RABBIDS VR
PC 2

AUDIO OUT
MIC
LAN
USB 3.0
USB 3.0
HDMI
USB 3.0
USB 3.0
USB 3.1
SERIAL
DVI-I
USB
USB
POWER MAINS

S1
SECURITY DONGLE

ORIGINAL MODEL
PRO MODEL
HDMI
DP (PRO MODEL ONLY)
USB 3.0
DCIN
VIVE LINK BOX
(SINGLE CONNECTOR FOR PRO MODEL)
DCout USB 3.0
HDMI
PR?

TO PSU CONTROL HEADSET VR 2
SEE SHEET 1 (RVR-EM-001)
12V VR2
GND VR2

VR HEADSET

TO PSU BASE STATION/SENSOR VR 1
SEE SHEET 1 (RVR-EM-001)

BASE STATION/SENSOR VR 1
12V BASE1
GND BASE1

TO CONNECTION MIDDLE
SEE SHEET 10 (RVR-EM-010)
HTC SYNC
Stereo Jack 3.5

TO MONITOR
SEE SHEET 15 (RVR-EM-015)

POWER +5V DC
SELECT
HDMI switch
OUT HDMI
IN 1 HDMI
IN 2 HDMI
IN 3 HDMI

OUT
POWER +5VDC IN
HDMI REPEATER
PC1 HDMI DEFAULT
X

CHOOSE ONLY 1 -
HDMI SWITCH
HDMI REPEATER

TO POWER PDU
SEE SHEET 1 (RVR-EM-001)

VIDEO CONNECTORS
PC V1 - 1 X DVI, 4 X HDMI
PC V2 - 1 X HDMI, 4 X DISPLAYPORT

PC RABBIDS VR
PC 1

AUDIO OUT
MIC
LAN
USB 3.0
USB 3.0
HDMI
USB 3.0
USB 3.0
USB 3.1
SERIAL
DVI-I
USB
USB
POWER MAINS

S2
SECURITY DONGLE

TO CONTROL VR

R OUT
SHIELD
L OUT
Stereo Jack 3.5

TO HONGXING
SEE SHEET 2 (RVR-EM-002)

TO CONTROL VR

TO PCB USB-RS485 CONVERTER
SEE SHEET 2 (RVR-EM-002)

TO D-BOX MOTION CONTROLLER
SEE SHEET 4 (RVR-EM-004)

ORIGINAL MODEL
PRO MODEL
HDMI
DP (PRO MODEL ONLY)
USB 3.0
DCIN
VIVE LINK BOX
(SINGLE CONNECTOR FOR PRO MODEL)
DCout USB 3.0
HDMI
PR?

TO PSU CONTROL HEADSET VR 1
SEE SHEET 1 (RVR-EM-001)
12V VR1
GND VR1

VR HEADSET

TO POWER MAINS
SEE SHEET 1 (RVR-EM-001)

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TO POWER MAINS
SEE SHEET 1 (RVR-EM-001)

TO CONNECTION MIDDLE
SEE SHEET 10 (RVR-EM-010)

100-240VAC IN

+48VDC OUT

D-Box KCU-1P PSU 48VDC

TO CONNECTION PC (PC1)
SEE SHEET 3 (RVR-EM-003)

USB

MASTER OUT

+48V DC

D-Box Motion Control Unit KCU-1P

NOTE:
ACTUATOR CONTROL MODULE IS 110VAC POWERED.
2 CONNECTION OPTIONS ARE AVAILABLE.

OPTION 1: CONNECT RED PATH ONLY IF CABINET IS
POWERED BY 220-240VAC

OPTION 2: CONNECT BLUE PATH ONLY IF CABINET IS
POWERED BY 110VAC (TRANSFORMER NOT USED)

220VAC IN

110VAC OUT

D-Box Step-Down Transformer

CAT5 INLINE COUPLER

△2

110VAC IN   1

MASTER IN

MASTER OUT

END

TO SLAVE   2

D-Box Actuator Control Module (Gen 2 or Gen 3)

△16

D-Box Actuator   D-Box Actuator

Title **Rabbids Wiring Drawing**

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+12 VDC (F3)
COIN 1 METER

C94
YLP 2   YLR 2

D1
1N4007

METER +
METER -

COIN 1 METER

C20
1 +12 VDC (F3)
2 COIN 1
3
4 COIN 1 METER
5
6
7
8
9 GND

UCL CONNECTOR 1

Receptacle Housing 9W/ With panel mount

+12 VDC (F3)
COIN 2 METER

C95
YLP 2   YLR 2

D2
1N4007

METER +
METER -

COIN 2 METER

C109
1 +12 VDC (F9)
2 COIN 2
3
4 COIN 1 METER
5
6
7
8
9 GND

UCL CONNECTOR 2

Receptacle Housing 9W/ With panel mount

COIN DOOR

COIN 1
COIN 2
DGND
GND
+12 VDC (F3)

C45
1 1
2 2
3 3
4 4
5 5
6 6
7 7
8 8
9 9
10 10
11 11
12 12

YLP 12   YLR 12

COIN 1
COIN 2
DGND
GND
+12 VDC (F3)

COIN SW

DOOR
LIGHTS

COIN DOOR

GND
COIN 1
+12 VDC (F3)
GND
COIN 2
+12 VDC (F3)

C18
1
2
3
4
5
6

⚠ 7

TO COIN DOOR SELECTOR

Receptacle Housing 6W

TO CONNECTION MIDDLE

SEE SHEET 10 (RVR-EM-010)

N
E
L
E

C46
1 1
2 2
3 3
4 4

N
E
L
E

VLP 4   VLR 4

TO CONNECTION MIDDLE

SEE SHEET 10 (RVR-EM-010)

L
E
N

E

EARTH   EARTH

C19
1
2
3
4 L
5
6 N
7 COIN 2
8 DGND
9

TO BILL ACCEPTOR

9 CIR UNIV M-N-L CAP

FRONT RABBID LOGO LIGHT

Led Strip RGB (White Light)
Led Strip RGB (White Light)
Led Strip RGB (White Light)
Led Strip RGB (White Light)
Led Strip RGB (White Light)
Led Strip RGB (White Light)
Led Strip RGB (White Light)
Led Strip RGB (White Light)

C23
+12 VDC (F9)   +12 VDC
GND   GND
YLP 2   YLR 2

C42
12V BASE2   12V BASE2
GND BASE2   GND BASE2
YLP 2   YLR 2

BASE STATION/SENSOR VR 2

POWER JACK DC

HTC SYNC
Stereo Jack 3.5

FAN 2

C25
FAN 2 SPEED CONTROL 1   BLACK
FAN 2 SPEED CONTROL 2   BROWN
                        BLUE
YLP 3   YLR 3

R1
5.6K

⟨4⟩   ⟨6⟩

CONTROL   POWER

FAN 1

C26
FAN 1 SPEED CONTROL 1   BLACK
FAN 1 SPEED CONTROL 2   BROWN
                        BLUE
YLP 3   YLR 3

R2
5.6K

CONTROL   POWER

TO CONNECTION MIDDLE
SEE SHEET 10 (RVR-EM-010)

C31
L (FAN 1)   BROWN
E   YEL/GRN
N (FAN 1)   BLUE
VLP 3   VLR 3

C30
L (FAN 2)   BROWN
E   YEL/GRN
N (FAN 2)   BLUE
VLP 3   VLR 3

TO CONNECTION MIDDLE
SEE SHEET 10 (RVR-EM-010)

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SPEAKER SEAT 1 LEFT

KY-661 CROSSOVER

1

⚠2

INPUT TWEETER WOOFER
- + - + - +

SPK + (L) 1
SPK - (L) 1

WOOFER +
WOOFER -
C63
1 2 | 1 2
YLP 2   YLR 2
WOOFER +
WOOFER -
WOOFER

TWEETER +
TWEETER -
C64
1 2 3 | 1 2 3
YLP 3   YLR 3
TWEETER +
TWEETER -
TWEETER

SPEAKER SEAT 2 LEFT

KY-661 CROSSOVER

3

INPUT TWEETER WOOFER
- + - + - +

SPK + (L) 3
SPK - (L) 3

WOOFER +
WOOFER -
C32
1 2 | 1 2
YLP 2   YLR 2
WOOFER +
WOOFER -
WOOFER

TWEETER +
TWEETER -
C33
1 2 3 | 1 2 3
YLP 3   YLR 3
TWEETER +
TWEETER -
TWEETER

SPEAKER SEAT 1 RIGHT

KY-661 CROSSOVER

2

INPUT TWEETER WOOFER
- + - + - +

SPK - (R) 2
SPK + (R) 2

WOOFER +
WOOFER -
C65
1 2 | 1 2
YLP 2   YLR 2
WOOFER +
WOOFER -
WOOFER

TWEETER +
TWEETER -
C66
1 2 3 | 1 2 3
YLP 3   YLR 3
TWEETER +
TWEETER -
TWEETER

SPEAKER SEAT 2 RIGHT

KY-661 CROSSOVER

4

INPUT TWEETER WOOFER
- + - + - +

SPK + (R) 4
SPK - (R) 4

WOOFER +
WOOFER -
C34
1 2 | 1 2
YLP 2   YLR 2
WOOFER +
WOOFER -
WOOFER

TWEETER +
TWEETER -
C35
1 2 3 | 1 2 3
YLP 3   YLR 3
TWEETER +
TWEETER -
TWEETER

TO CONNECTION MIDDLE
SEE SHEET 10 (RVR-EM-010)

TO CONNECTION MIDDLE
SEE SHEET 10 (RVR-EM-010)

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NOTE : ONLY USED IN STANDARD VERSION

⚠ 14

HEADER LIGHT UP MONITOR 1

C105
+12 VDC (F10) 1 1 +12 VDC (F10)
GND 2 2 GND
EARTH 3 3 EARTH
YLP 3 YLR 3

EARTH

C73
+12 VDC (F10) 1 1 +12 VDC
GND 2 2 GND
YLP 2 YLR 2

Led Flood Light

HEADER LIGHT UP MONITOR 2

C72
+12 VDC (F10) 1 1 +12 VDC
GND 2 2 GND
YLP 2 YLR 2

Led Flood Light

Led Strip RGB (White Light)

CLOUD LIGHT 1

C75
+12 VDC 1 1 +12 VDC (F8)
GND 2 2 GND
EARTH 3 3 EARTH
YLP 3 YLR 3

EARTH

CLOUD LIGHT 2

C76
+12 VDC 1 1 +12 VDC (F7)
GND 2 2 GND
EARTH 3 3 EARTH
YLP 3 YLR 3

EARTH

C74
+12 VDC (F10) 1 1 +12 VDC (F10)
GND 2 2 GND
YLR 2 YLP 2

TO POWER PSU

SEE SHEET 1 (RVR-EM-001)

TO CONNECTION WIRING

SEE SHEET 9 (RVR-EM-009)

C110
BROWN 1 1 POWER SENSOR
BLUE 2 2 GND
BLACK 3 3 DATA
YLR 3 YLP 3

SAFETY SENSOR UP L

F&C Sensor

ADJUSTABLE STEP-UP POWER SUPPLY
OUT+ IN+
OUT- IN-

⚠ 12

+12V DC
GND
DATA

C104
+12 VDC (F4) 1 1 +12 VDC (F4)
GND 2 2 GND
EMERGENCY SENSOR 3 3 EMERGENCY SENSOR
YLR 3 YLP 3

C105
+12 VDC (F4) 1 1 +12V DC
GND 2 2 GND
EMERGENCY SENSOR 3 3 DATA
YLP 3 YLR 3

ADJUSTABLE STEP-UP POWER SUPPLY
IN+ OUT+
IN- OUT-

⚠ 12

POWER SENSOR
GND
DATA

C111
1 1 BROWN
2 2 BLUE
3 3 BLACK
YLP 3 YLR 3

SAFETY SENSOR UP R

F&C Sensor

BACK LIGHT MONITOR

C23
1 +12 VDC (F4)
2 GND
YLP 2

⚠ 14

TO CONNECTION WIRING

SEE SHEET 9 (RVR-EM-009)

Title **Rabbids Wiring Drawing**

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CONNECTION WIRING

C48 — YLP 21 / YLR 21

Pin	Signal
1	COIN 1
2	COIN 2
3	MASK DISPENSE BTN
4	MASK DISPENSE BTN LAMP
5	MASK SENSE
6	MASK DISPENSE ARM 1
7	MASK DISPENSE ARM 2
8	MASK DISPENSE ARM 3
9	MASK DISPENSE ARM 4
10	MASK DISPENSE ARM 5
11	MASK DISPENSE ARM 6
12	EMPTY MASK LAMP
13	MASK INDICATOR LIGHT
14	MASK EMPTY BTN
15	DGND
16	DGND
17	+12 VDC (F3)
18	+12 VDC (F3)
19	+5V DC (F5)
20	GND (A)
21	GND

TO PCB STEP DOWN — SEE SHEET 2 (RVR-EM-002)

TO CPU WIRING (PCB FB216) — SEE SHEET 2 (RVR-EM-002)

C52 — YLR 21 — CONNECTION MASK DISPENSER

Pin	Signal
1	COIN 1
2	COIN 2
3	MASK DISPENSE BTN
4	MASK DISPENSE BTN LAMP
5	MASK SENSE
6	MASK DISPENSE ARM 1
7	MASK DISPENSE ARM 2
8	MASK DISPENSE ARM 3
9	MASK DISPENSE ARM 4
10	MASK DISPENSE ARM 5
11	MASK DISPENSE ARM 6
12	EMPTY MASK LAMP
13	MASK INDICATOR LIGHT
14	MASK EMPTY BTN
15	DGND
16	DGND
17	+12 VDC (F3)
18	+12 VDC (F3)
19	+5V DC (F5)
20	GND (A)
21	GND

C53 — VLR 3

Pin	Signal
1	N
2	E
3	L

TO POWER PDU — SEE SHEET 1 (RVR-EM-001)

TO CONNECTION MIDDLE — SEE SHEET 10 (RVR-EM-010)

C50 — YLP 15 / YLR 15

Pin	Signal
1	+12 VDC (F3)
2	+12 VDC (F1)
3	+12 VDC (F6)
4	GND
5	GND
6	GND
7	+12 VDC (F4)
8	GND
9	+12 VDC (F10)
10	GND
11	EMERGENCY SENSOR
12	
13	
14	COIN 1 METER
15	COIN 2 METER

TO POWER HONGXING — SEE SHEET 2 (RVR-EM-002)

TO LIGHTING 1 — SEE SHEET 8 (RVR-EM-008)

C101 — VLP 1 / VLR 1

Pin	Signal
1	EARTH

EARTH

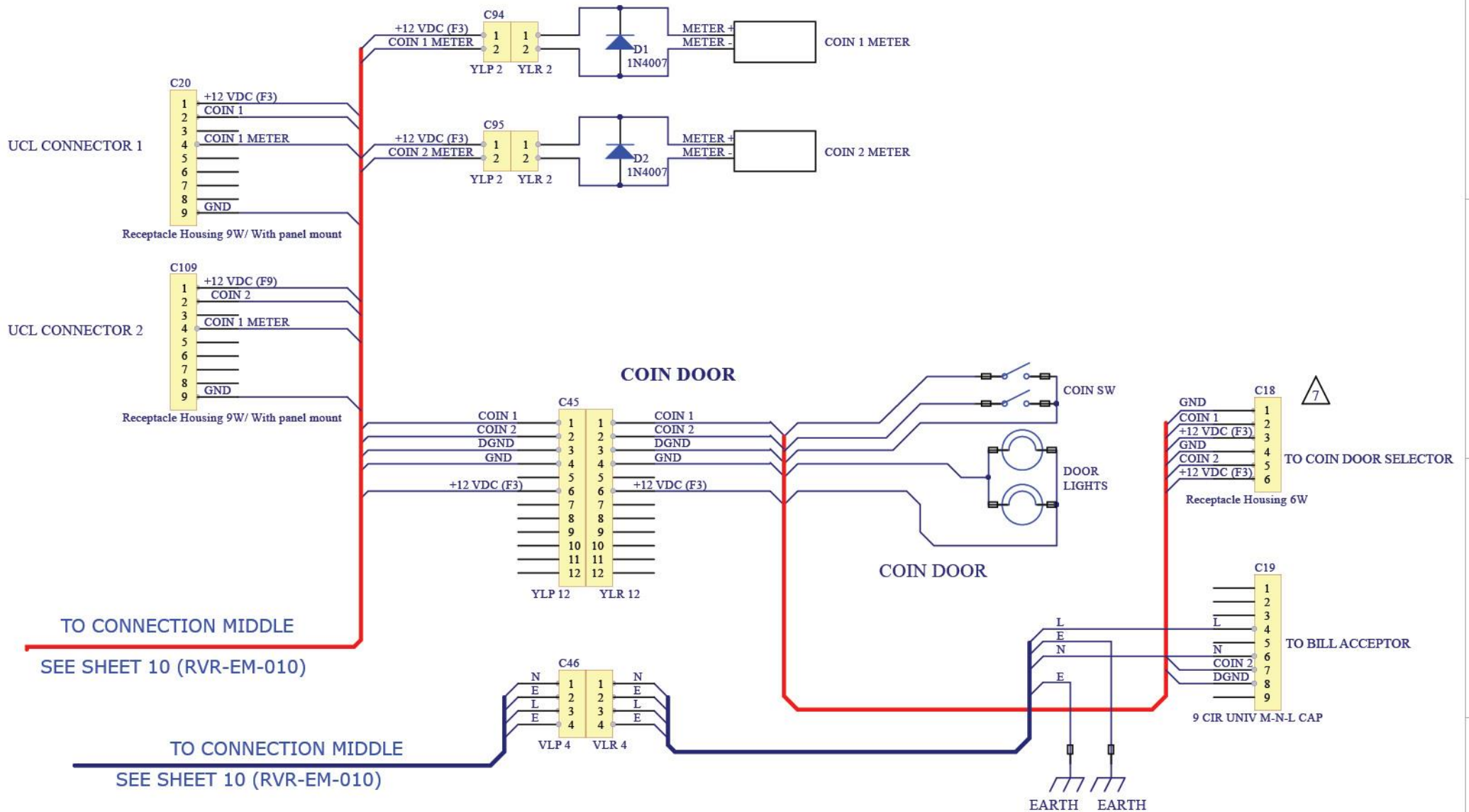**C93** — YLP 3 — SURROUND MONITOR LIGHT

Pin	Signal
1	+12 VDC (F10)
2	EARTH
3	GND

C51 — YLP 12 / YLR 12

Pin	Signal
1	STOP BTN SW
2	STOP BTN LAMP
3	DGND
4	+12 VDC (F7)
5	+12 VDC (F8)
6	GND
7	GND
8	+12 VDC (F9)
9	FAN 1 SPEED CONTROL 1
10	FAN 1 SPEED CONTROL 2
11	FAN 2 SPEED CONTROL 1
12	FAN 2 SPEED CONTROL 2

TO POWER PSU DC — SEE SHEET 1 (RVR-EM-001)

TO PCB RELAY — SEE SHEET 2 (RVR-EM-002)

TO CLOUD LIGHT 1&2 — SEE SHEET 8 (RVR-EM-008)

TO CONNECTION MIDDLE — SEE SHEET 10 (RVR-EM-010)

CONNECTION MIDDLE

STOP BUTTON

STOP SW

STOP BTN SW
DGND
STOP BTN LAMP
+12 VDC (F3)

STOP LAMP

C54

STOP BTN SW	1	STOP BTN SW
STOP BTN LAMP	2	STOP BTN LAMP
DGND	3	DGND
+12 VDC (F3)	4	+12 VDC (F3)
FAN 1 SPEED CONTROL 1	5	FAN 1 SPEED CONTROL 1
FAN 1 SPEED CONTROL 2	6	FAN 1 SPEED CONTROL 2
FAN 2 SPEED CONTROL 1	7	FAN 2 SPEED CONTROL 1
FAN 2 SPEED CONTROL 2	8	FAN 2 SPEED CONTROL 2
+12 VDC (F6)	9	+12 VDC (F6)
+12 VDC (F9)	10	+12 VDC (F9)
GND	11	GND
	12	
GND	13	GND
12V BASE2	14	12V BASE2
GND BASE2	15	GND BASE2

YLR 15   YLP 15

TO SKI LIGHT L,R AND BACK SEAT LIGHT 1,2
SEE SHEET 8 (RVR-EM-008)

C22

FAN 1 SPEED CONTROL 1	1	FAN 1 SPEED CONTROL 1
FAN 1 SPEED CONTROL 2	2	FAN 1 SPEED CONTROL 2
12V BASE2	3	12V BASE2
GND BASE2	4	GND BASE2
FAN 2 SPEED CONTROL 1	5	FAN 2 SPEED CONTROL 1
FAN 2 SPEED CONTROL 2	6	FAN 2 SPEED CONTROL 2
+12 VDC (F9)	7	+12 VDC (F9)
GND	8	GND

YLR 8   YLR 8

TO PSU BASE STATION/SENSOR VR 2
SEE SHEET 1 (RVR-EM-001)

C68

N (FAN 2)	1	N (FAN 2)
E	2	E
L (FAN 2)	3	L (FAN 2)
N (FAN 1)	4	N (FAN 1)
E	5	E
L (FAN 1)	6	L (FAN 1)

VLR 6   VLP 6

EARTH

TO RELAY 1&2
SEE SHEET 2 (RVR-EM-002)

C69

N (FAN 2)	1	N (FAN 2)
E	2	E
L (FAN 2)	3	L (FAN 2)
N (FAN 1)	4	N (FAN 1)
E	5	E
L (FAN 1)	6	L (FAN 1)

VLP 6   VLR 6

TO CONTROL FAN
SEE SHEET 6 (RVR-EM-006)

C59

COIN 1	1	COIN 1
COIN 2	2	COIN 2
DGND	3	DGND
GND	4	GND
+12 VDC (F3)	5	+12 VDC (F3)
COIN 1 METER	6	COIN 1 METER
COIN 2 METER	7	COIN 2 METER
EMERGENCY SENSOR	8	EMERGENCY SENSOR
	9	
	10	
	11	
	12	

YLR 12   YLP 12

C16

COIN 1	1	COIN 1
COIN 2	2	COIN 2
DGND	3	DGND
GND	4	GND
+12 VDC (F3)	5	+12 VDC (F3)
COIN 1 METER	6	COIN 1 METER
COIN 2 METER	7	COIN 2 METER
	8	
	9	
	10	
	11	
	12	

YLP 12   YLR 12

TO CONNECTION WIRING
SEE SHEET 9 (RVR-EM-009)

BASE STATION/SENSOR VR 1
SEE SHEET 3 (RVR-EM-003)

Stereo Jack 3.5 Female   Stereo Jack 3.5 Male

Stereo Jack 3.5 Male   Stereo Jack 3.5 Female

C17

N	1	N
E	2	E
L	3	L

VLR 3   VLP 3

TO COIN DOOR
SEE SHEET 5 (RVR-EM-005)

C15

N	1	N
E	2	E
L	3	L

VLR 3   VLP 3

EARTH

C106

+12 VDC (F9)	1	+12V DC
GND	2	GND
EMERGENCY SENSOR	3	DATA

YLP 3   YLR 3

IN+ ... OUT+
ADJUSTABLE STEP-UP POWER SUPPLY
IN- ... OUT-

C112

POWER SENSOR	1	BROWN
GND	2	BLUE
DATA	3	BLACK

YLP 3   YLR 3

SAFETY SENSOR BASE MIDDLE

C102

N	1	N
E	2	E
L	3	L

VLR 3   VLP 3

EARTH

TO POWER PDU
SEE SHEET 1 (RVR-EM-001)

TO D-BOX STEP-DOWN TRANSFORMER
SEE SHEET 4 (RVR-EM-004)

F&C Sensor

C57

SPK + (L) 1	1	SPK + (L) 1
SPK - (L) 1	2	SPK - (L) 1
SPK + (R) 2	3	SPK + (R) 2
SPK - (R) 2	4	SPK - (R) 2

YLP 4   YLR 4

C55

SPK + (L) 1	1	SPK + (L) 1
SPK - (L) 1	2	SPK - (L) 1
SPK + (R) 2	3	SPK + (R) 2
SPK - (R) 2	4	SPK - (R) 2
SPK + (L) 3	5	SPK + (L) 3
SPK - (L) 3	6	SPK - (L) 3
SPK + (R) 4	7	SPK + (R) 4
SPK - (R) 4	8	SPK - (R) 4

YLR 8   YLP 8

SPK + (L)
SPK - (L)
SPK + (R)
SPK - (R)

C58

SPK + (L) 3	1	SPK + (L) 3
SPK - (L) 3	2	SPK - (L) 3
SPK + (R) 4	3	SPK + (R) 4
SPK - (R) 4	4	SPK - (R) 4

YLP 4   YLR 4

TO HONGXING
SEE SHEET 2 (RVR-EM-002)

TO CROSSOVER SPEAKER
SEE SHEET 7 (RVR-EM-007)
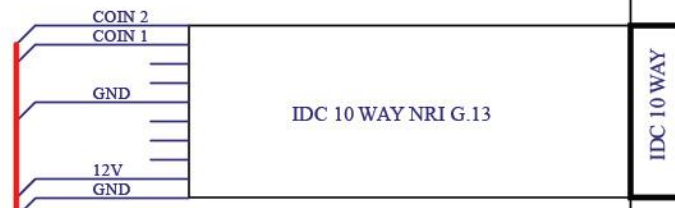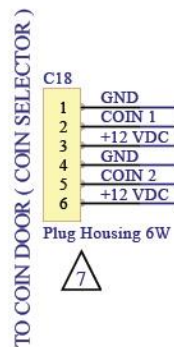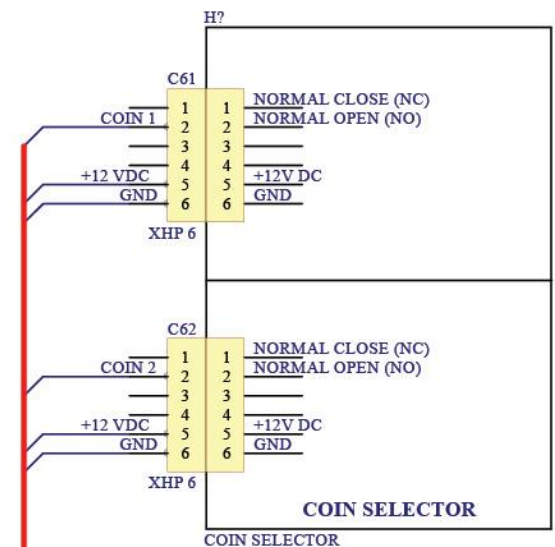
OPTIONAL NRI COIN MECH
ADD-ON HARNESS

USE THIS IN GAMES THAT HAVE NRI G.13 OR COMPATIBLE COIN MECHS INSTALLED.
THIS ADD-ON HARNESS PLUGS INTO EXISTING CONNECTOR ON THE COIN DOOR.

FOR OPTIONAL IDC NRI G.13

IDC 10 WAY NRI G.13

IDC 10 WAY

- COIN 2
- COIN 1
- GND
- 12V
- GND

NOTE:-
PIN 1 = BLACK
PIN 2 = YELLOW
PIN 3 =
PIN 4 =
PIN 5 =
PIN 6 = BLACK
PIN 7 =
PIN 8 =
PIN 9 = COIN 1
PIN 10 = COIN 2

TO COIN DOOR (COIN SELECTOR)

C18
1	GND
2	COIN 1
3	+12 VDC
4	GND
5	COIN 2
6	+12 VDC

Plug Housing 6W

⚠ 7

H?

C61
1	COIN 1
2	
3	
4	
5	+12 VDC
6	GND

XHP 6

1	NORMAL CLOSE (NC)
2	NORMAL OPEN (NO)
3	
4	
5	+12V DC
6	GND

C62
1	COIN 2
2	
3	
4	
5	+12 VDC
6	GND

XHP 6

1	NORMAL CLOSE (NC)
2	NORMAL OPEN (NO)
3	
4	
5	+12V DC
6	GND

COIN SELECTOR

COIN SELECTOR

Title **Rabbids Wiring Drawing**

| Page Size: A4 | Revision: 19 |

| Design Date: 28-Jun-23 | Sheet 11 of 15 |
| Engineer: Kim | FileName: RVR-EM-011 Coin Selector.SchDoc |

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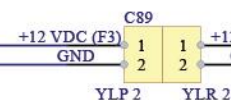EXHAUST FAN BACK R

C90
+12 VDC (F3) — 1 / 2 — +12V DC
GND — 2 / 1 — GND
YLP 2   YLR 2

EXHAUST FAN BACK DOOR

C89
+12 VDC (F3) — 1 / 2 — +12V DC
GND — 2 / 1 — GND
YLP 2   YLR 2

EXHAUST FAN BACK L

C88
+12 VDC (F3) — 1 / 2 — +12V DC
GND — 2 / 1 — GND
YLP 2   YLR 2

C87
+12 VDC (F3) — 1 / 2 — +12 VDC (F3)
GND — 2 / 1 — GND
YLP 2   YLR 2

TO CPU WIRING

SEE SHEET 2 (RVR-EM-002)
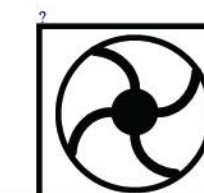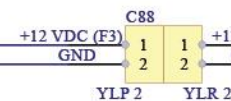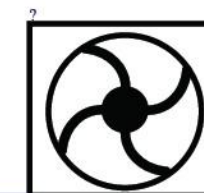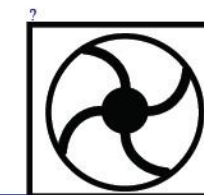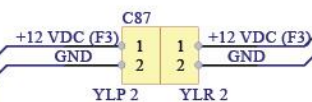
Title	Rabbids Wiring Drawing		
Page Size: A4	Revision: 19	LAI Games www.laigames.com	
Design Date: 28-Jun-23		Sheet 12 of 15	
Engineer: Kim		FileName: RVR-EM-012 Exhaust Fan.SchDoc	

LAI GAMES
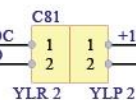
BACK SEAT 2 LIGHT

Led Strip RGB (White Light)

BACK SEAT 1 LIGHT

Led Strip RGB (White Light)

TO CONNECTION MIDDLE
SEE SHEET 10 (RVR-EM-010)
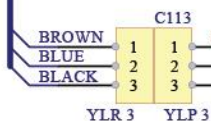
C81

+12 VDC   1 2   1 2   +12 VDC (F6)
GND   GND
YLR 2   YLP 2

C82

+12 VDC   1 2   1 2   +12 VDC (F6)
GND   GND
YLR 2   YLP 2
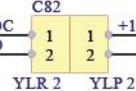
SKI LIGHT R

Led Strip RGB (Yellow Light)
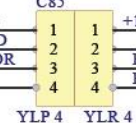
C85

+12 VDC   1   1   +12 VDC (F6)
GND   2   2   GND
EMERGENCY SENSOR   3   3   EMERGENCY SENSOR
EARTH   4   4   EARTH
YLP 4   YLR 4

EARTH

⟨5⟩

F&C Sensor

SAFETY SENSOR SKI R

C113

BROWN   1   1   POWER SENSOR   OUT+   IN+   +12V DC
BLUE   2   2   GND   GND
BLACK   3   3   DATA   DATA
YLR 3   YLP 3
                   OUT-   IN-

ADJUSTABLE STEP-UP
POWER SUPPLY

C107

+12V DC   1   1   +12 VDC (F6)
GND   2   2   GND
DATA   3   3   EMERGENCY SENSOR
YLR 3   YLP 3

⟨12⟩

SKI LIGHT L

Led Strip RGB (Yellow Light)
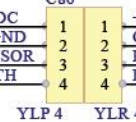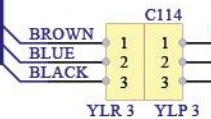
⟨5⟩

C86

+12 VDC   1   1   +12 VDC (F6)
GND   2   2   GND
EMERGENCY SENSOR   3   3   EMERGENCY SENSOR
EARTH   4   4   EARTH
YLP 4   YLR 4

EARTH

F&C Sensor

SAFETY SENSOR SKI L

C114

BROWN   1   1   POWER SENSOR   OUT+   IN+   +12V DC
BLUE   2   2   GND   GND
BLACK   3   3   DATA   DATA
YLR 3   YLP 3
                   OUT-   IN-

ADJUSTABLE STEP-UP
POWER SUPPLY

C108

+12V DC   1   1   +12 VDC (F6)
GND   2   2   GND
DATA   3   3   EMERGENCY SENSOR
YLR 3   YLP 3

⟨12⟩

Title **Rabbids Wiring Drawing**

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Design Date: 28-Jun-23   Sheet 13 of 15

Engineer: Kim   FileName: RVR-EM-013 Lighting 2.SchDoc

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OPTIONAL DUAL DBA COIN DOOR ADD-ON HARNESS

USE THIS IN GAMES THAT HAVE 2 X DBAs INSTALLED ON THE COIN DOOR.
THIS ADD-ON HARNESS PLUGS INTO EXISTING CONNECTORS ON THE COIN
DOOR TO ALLOW CONNECTION OF 2 X DBAs

C3

TO DBA PLAYER 1 (COIN 1)

9 CIR UNIV M-N-L CAP

C1

UNIV M-N-L PLUG 9W

TO COIN DOOR STANDARD HARNESSING

C2

Plug Housing 6W

C4

TO DBA PLAYER 2 (COIN2)

9 CIR UNIV M-N-L CAP

Title *Rabbids Wiring Drawing*

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Design Date: 28-Jun-23   Sheet 14 of 15
Engineer: Kim   FileName: RVR-EM-014 Optional Dual DBA Coin Door - Copy.SchDoc

FOR STANDARD/ULTRA HD STANDARD VERSION HEADER/MONITOR ⚠19

SURROUND MONITOR LIGHT

MONITOR LCD 55 INCH

POWER INLET
100 - 240VAC 50/60Hz

DVI

L
E
N

TO CONNECTION WIRING
SEE SHEET 9 (RVR-EM-009)

C93
1 +12 VDC
2 EARTH
3 GND
YLR 3

EARTH

Led Strip RGB (White Light)

BACK LIGHT MONITOR

TO LIGHTING 1
SEE SHEET 8 (RVR-EM-008)

C23
1 +12 VDC
2 GND
YLR 2

Led Strip RGB (White Light)   Led Strip RGB (White Light)

L
E
N

TO PDU 2
SEE SHEET 1 (RVR-EM-001)

FOR COMPACT/ULTRA HD COMPACT VERSION HEADER/MONITOR ⚠19

SURROUND MONITOR LIGHT

MONITOR LCD 32 INCH

POWER INLET
100 - 240VAC 50/60Hz

DVI

L
E
N

TO CONNECTION WIRING
SEE SHEET 9 (RVR-EM-009)

C93
1 +12 VDC
2 EARTH
3 GND
YLR 3

EARTH

Led Strip RGB (White Light)

BACK LIGHT MONITOR

TO LIGHTING 1
SEE SHEET 8 (RVR-EM-008)

C23
1 +12 VDC
2 GND
YLR 2

Led Strip RGB (White Light)

TO HDMI SWITCH
SEE SHEET 3 (RVR-EM-003)

FOR MINI VERSION HEADER/MONITOR

MONITOR LCD 23 INCH

POWER INLET
12 VDC

TO CONNECTION WIRING
SEE SHEET 9 (RVR-EM-009)

C93
1 +12 VDC
2 EARTH
3 GND
YLR 3

EARTH

+12 VDC
GND
POWER JACK DC

DVI

Title **Rabbids Wiring Drawing**

Page Size: A3   Revision: 19

Design Date: 28-Jun-23   Sheet 15 of 15
Engineer: Kim   FileName: RVR-EM-015 Optional Monitor SchDoc

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MECHANICAL DRAWINGS – VIRTUAL RABBIDS

MAIN ASSEMBLY

	PARTS LIST		
ITEM	TITLE	PART NUMBER	QTY
1	Main Tower Assy	RB1_Assy-04-R31	1
2	Motion Base Assy	RB1_Assy-03-R25	1
3	Sled Cabinet Assy	RB1_Assy-02-R11	1
4	Cover Cable Back 1 SA	RB1_SA-67-R0	1
5	Cover Cable Front	RB1_FM-80-R1	1
6	Cover Cable Back 2	RB1_FM-68-R0	1
7	Header Sign R Assy	RB1_Assy-09-R0	1
8	Header Sign L Assy	RB1_Assy-08-R0	1
9	Monitor Assy	RB1_Assy-07-R8	1
10	Dust Cloud R Assy	RB1_Assy-11-R3	1
11	Dust Cloud L Assy	RB1_Assy-10-R3	1
12	Ski Board L Assy	RB1_Assy-05-R6	1
13	Ski Board R Assy	RB1_Assy-06-R6	1
14	Keep Out Sign Left	RB-PC-018B-R0	1
15	Keep Out Sign Right	RB-PC-018A-R0	1
16	Plate Join Sled	RB1_FM-114-R0	4
17	LED Upper Tower Assy	RB1_Assy-25-R1	1
18	Insulator Spacer (Small) M6 x 4mm P/N. 891-540	EP0636	8
19	CHAIN (Diameter Wire 3.5 mm) 230 mm Galvanize	HM1412A	2
20	Knock Down Bolt M6 x 30mm STAINLESS	HF0688B	8
21	BOLT JF M6 x 20mm (Machine Screw Pan Head Philips) Stainless	HF0666A	4
22	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	8
23	BOLT Hex M6 x 15mm (Hex Head Bolt) STAINLESS	HF0645A	10
24	Baut Hex M6 x 75mm (Hex Head Bolt)	HF0657	4
25	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	22
26	Plate Washer M6 (Flat Washer) S/s	HF1067D	26
27	Plate Washer M10 (Flat Washer) S/s	HF1069A	4
28	Lock Nut M6	HF1017	4
29	Locknut M10	HF1019	4
30	Flange Nut M6 STAINLESS	HF1027A	6
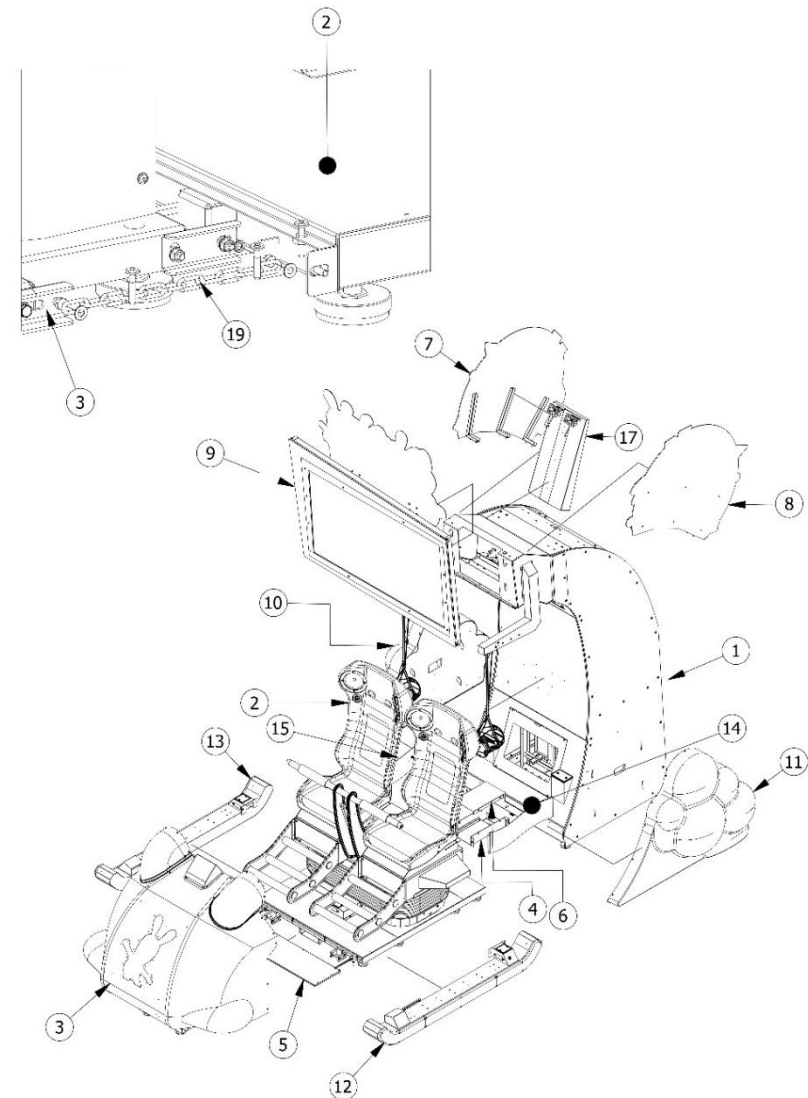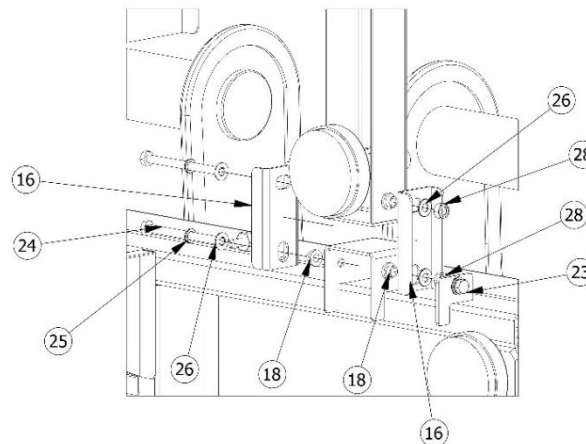
MAIN ASSEMBLY COMPACT VERSION

ITEM	TITLE	PART NUMBER	QTY
1	Main Tower Assy	RBI_Assy-04-R31	1
2	Motion Base Assy	RBI_Assy-03-R25	1
3	Sled Cabinet Assy	RBI_Assy-02-R11	1
4	Cover Cable Back 1 SA	RBI_SA-67-R0	1
5	Cover Cable Front	RBI_FM-80-R1	1
6	Cover Cable Back 2	RBI_FM-68-R0	1
7	Monitor Cabinet Assembly Cruise Ship	RBCL1_Assy-03-R2	1
8	Dust Cloud R Assy	RBI_Assy-11-R3	1
9	Dust Cloud L Assy	RBI_Assy-10-R3	1
10	Ski Board L Assy	RBI_Assy-05-R6	1
11	Ski Board R Assy	RBI_Assy-06-R6	1
12	Keep Out Sign Left	RB-PC-018B-R0	1
13	Keep Out Sign Right	RB-PC-018A-R0	1
14	Plate Join Sled	RBI_FM-114-R0	4
15	Insulator Spacer (Small) M6 x 4mm P/N. 891-540	EP0636	8
16	CHAIN (Diameter Wire 3.5 mm) 230 mm Galvanize	HM1412A	2
17	Knock Down Bolt M6 x 30mm STAINLESS	HF0688B	8
18	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	8
19	BOLT Hex M6 x 15mm (Hex Head Bolt) STAINLESS	HF0645A	10
20	Baut Hex M6 x 75mm (Hex Head Bolt)	HF0657	4
21	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	22
22	Plate Washer M6 (Flat Washer) S/s	HF1067D	26
23	Plate Washer M10 (Flat Washer) S/s	HF1069A	4
24	Lock Nut M6	HF1017	4
25	Locknut M10	HF1019	4
26	Flange Nut M6 STAINLESS	HF1027A	6
27	Flange Nut M5 STAINLESS	HF1026A	2

105
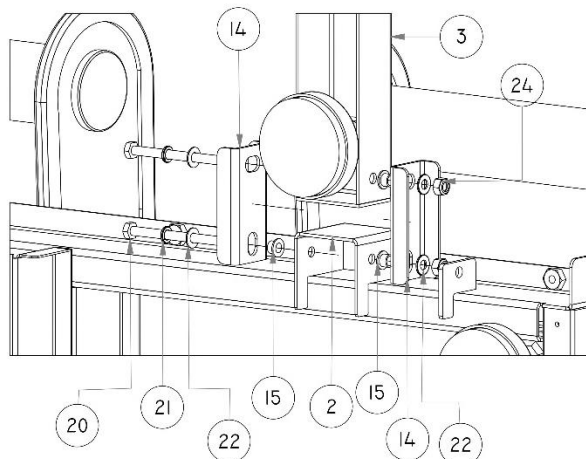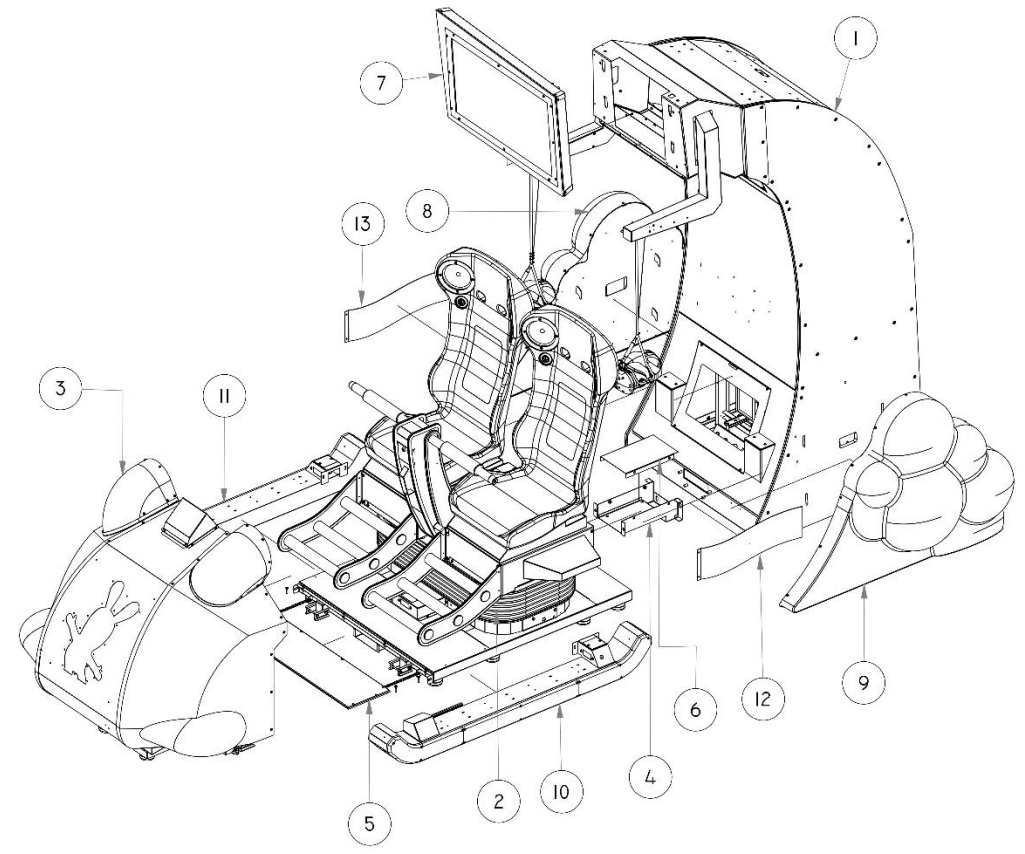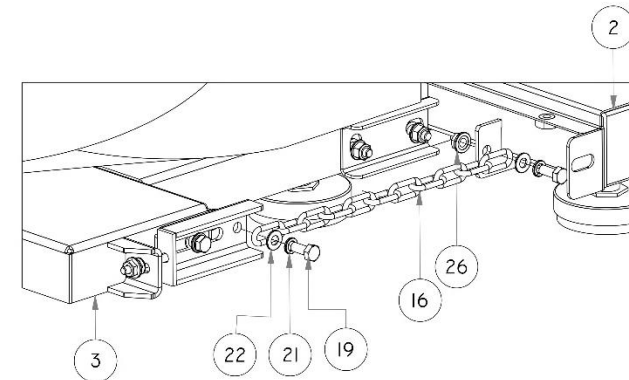
MAIN ASSEMBLY MINI VERSION

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Motion Base Assy	RBI_Assy-03-R25	1
2	Main Tower Mini Rabbids Assy	MRBI_Assy-02-R7	1
3	Sled Cabinet Assy	RBI_Assy-02-R11	1
4	Cover Cable Back 1 SA	RBI_SA-67-R0	1
5	Cover Cable Front	RBI_FM-80-R1	1
6	Cover Cable Back 2	RBI_FM-68-R0	1
7	Dust Cloud R Assy	RBI_Assy-11-R3	1
8	Dust Cloud L Assy	RBI_Assy-10-R3	1
9	Ski Board L Assy	RBI_Assy-05-R6	1
10	Ski Board R Assy	RBI_Assy-06-R6	1
11	Keep Out Sign Left	RB-PC-018B-R0	1
12	Keep Out Sign Right	RB-PC-018A-R0	1
13	Plate Join Sled	RBI_FM-114-R0	4
14	Insulator Spacer (Small) M6 x 4mm P/N. 891-540	EP0636	8
15	CHAIN (Diameter Wire 3.5 mm) 230 mm Galvanize	HM1412A	2
16	Knock Down Bolt M6 x 30mm STAINLESS	HF0688B	8
17	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	8
18	BOLT Hex M6 x 15mm (Hex Head Bolt) STAINLESS	HF0645A	10
19	Baut Hex M6 x 75mm (Hex Head Bolt)	HF0657	4
20	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	22
21	Plate Washer M6 (Flat Washer) S/s	HF1067D	26
22	Plate Washer M10 (Flat Washer) S/s	HF1069A	4
23	Lock Nut M6	HF1017	4
24	Locknut M10	HF1019	4
25	Flange Nut M6 STAINLESS	HF1027A	6

MAIN TOWER ASSEMBLY

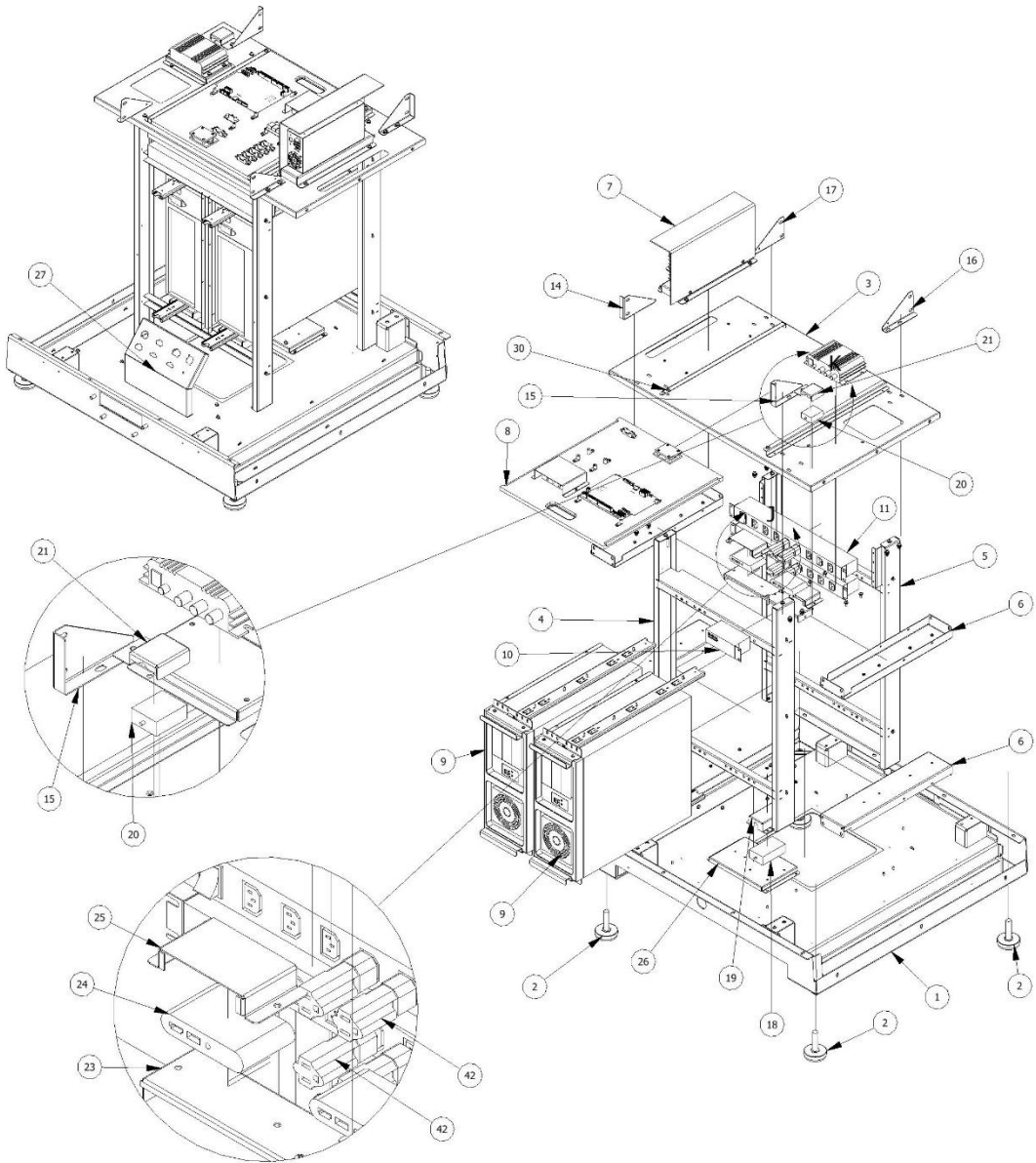| ITEM	TITLE	PART NUMBER	QTY
	MATERIAL LIST		
1	Base Main Tower Assy	RB1 Assy-15-R9	1
2	Side Panel Main Cabinet L	RB1_FW-01-L-R2	1
3	Side Panel Main Cabinet R	RB1_FW-01-R-R2	1
4	Cover Front Main Panel 1 SA	RB1_SA-15-R4	1
5	Cover Front Main Panel 2 SA	RB1_SA-16-R0	1
6	Cover Front Main Panel 3 SA	RB1_SA-17-R2	1
7	Cover Back Main Panel 1 SA	RB1_SA-10-R2	1
8	Back Main Panel Assy	RB1_Assy-18-R5	1
9	Reinforce Join 3 R	RB1_FM-40-R-R1	1
10	Reinforce Join 3 L	RB1_FM-40-L-R1	1
11	Reinforce Join 4 L	RB1_FM-41-L-R0	1
12	Reinforce Join 4 R	RB1_FM-41-R-R0	1
13	Top Cross Frame SA	RB1_SA-18-R1	1
14	Hanger Headset VR L	RB1_FM-99-L-R3	1
15	Hanger Headset VR R	RB1_FM-99-R-R3	1
16	Lower Door Main Panel SA	RB1_SA-20-R0	1
17	Door Front Tower Assy	RB1_Assy-17-R4	1
18	Bracket HDMI Howell	RB1_FM-89-R0	1
19	HDMI Switch 3x1	SKU-649548	1
20	Clamp HDMI Howel	RB1_FM-90-R1	1
21	Gromet Nylon Wire Headset	RB1_FP-26-R5	2
22	HTC Vive Headset Assy	RB1_Assy-32-R12	2
23	Cover Hanger VR	RB1_FM-65-R1	2
24	Acrylic Under Monitor	RB1_FP-19-R0	1
25	Bracket LED Sign Rabbids	RB1_FM-35-R1	1
26	Plate Conector Box Header	RB1_FM-105-R0	1
27	Bracket Sensor Safety Upper	RB1_FM-110-R1	2
28	Acrylic Sensor Upper	RB1_FP-24-R1	2
29	Pull Box Assy Right	RB1_Assy-37-R-R1	1
30	Pull Box Assy Left	RB1_Assy-37-L-R1	1
31	Standoff Wire Headset	RB1_FM-130-R0	2
32	12-24VDC NPN NO.NC rectangular diffuse photoelectric sensor with CE, 4000mm sensing range.	HRMR-S400NC R2M	2
33	Reflector – hard type, 120 mm x 80 mm	R120	2
34	Knock Down Bolt M6 x 30mm STAINLESS	HF0688B	58
36	BOLT JP M3 x 8mm (Machine Screw Pan Head Philips) STAINLESS	HF0302B	4
37	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	19
38	Baut BH Kunci L M4 x 30mm (Button Head Cap) STAINLESS	HF0408C	10

ITEM	TITLE	PART NUMBER	QTY
	MATERIAL LIST		
39	BOLT BH Kunci L M5 x 15mm (Button Head Cap) STAINLESS	HF0505B	17
40	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	28
41	HEX BOLT M10 x 30mm (Hex Head Bolt) S/s	HF0848A	6
42	Lock Washer M3 (Spring Washer) S/s	HF1074A	4
43	Lock Washer M4 (Spring Washer) S/s	HF1075A	29
44	Lock Washer M5 (Spring Washer) STAINLESS	HF1076A	17
45	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	28
46	Lock Washer M10 (Spring Washer) STAINLESS	HF1079A	6
47	Plate Washer M3 (Flat Washer) STAINLESS	HF1064A	4
48	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	29
49	Plate Washer M4 (Flat Washer) Big STAINLESS	HF1065C	2
50	Plate Washer M5 (Flat Washer) STAINLESS	HF1066A	20
51	Plate Washer M6 (Flat Washer) S/s	HF1067D	28
52	Plate Washer M6 (Flat Washer) Big	HF1067A	3
53	Plate Washer M10 (Flat Washer) S/s	HF1069A	6
54	Flange Nut M4 STAINLESS	HF1025A	20
55	Flange Nut M5 STAINLESS	HF1026A	30
56	Flange Nut M6 STAINLESS	HF1027A	66
57	Mur M10 (Nut Hex)	HF1009	2
58	Cable Ties 10 CM (Black)	EP0001A	4
59	BOLT Hex M5 x 20mm (Hex Head Bolt) STAINLESS	HF0546B	2
60	Nylon Cable Strap Cable Ties Cord Clamp	EP0005B	2
61	Lock Nut M5 Stainless	HF1016A	4

MAIN TOWER ASSEMBLY MINI VERSION

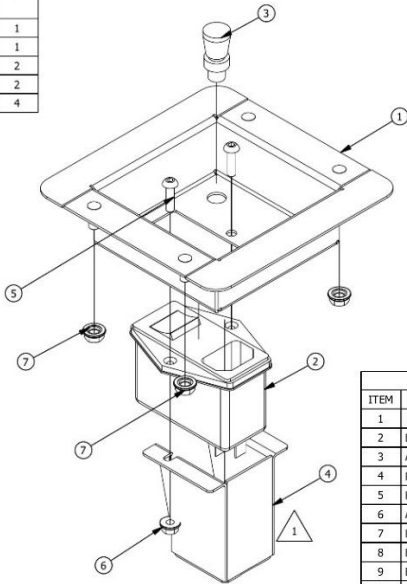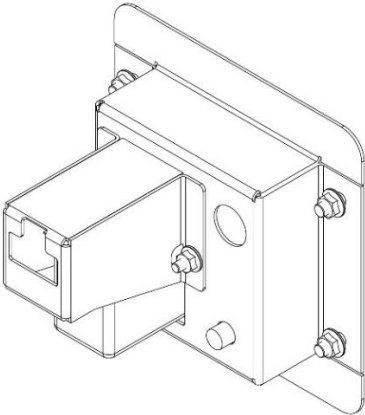| ITEM	TITLE	PART NUMBER	QTY
1	Base Main Tower Assy	RBI_Assy-15-R9	1
2	Side Panel Main Cabinet L Mini Rabbids	MRBI_FW-01-L-R0	1
3	Side Panel Main Cabinet R Mini Rabbids	MRBI_FW-01-R-R0	1
4	Cover Front Main Panel 1 SA	RBI_SA-15-R4	1
5	Cover Front Main Panel 2 SA Mini Rabbids	MRBI_SA-02-R1	1
6	Back Main Panel Assy Mini Rabbids	MRBI_Assy-03-R0	1
7	Cover Top Main Panel SA Mini Rabbids	MRBI_SA-03-R0	1
8	Reinforce Join 4 L	RBI_FM-41 L R0	1
9	Reinforce Join 4 R	RBI_FM-41-R-R0	1
10	Assy BTS HTC Tower Mini Rabbids	MRBI_Assy-05-R0	1
11	Monitor Assy Mini Rabbids	MRBI_Assy-04-R1	1
12	Hanger L SA Mini Rabbids	MRBI_SA-04-L-R0	1
13	Hanger R SA Mini Rabbids	MRBI_SA-04-R-R0	1
14	Lower Door Main Panel SA	RBI_SA-20-R0	1
15	Bracket HDMI Howell	RBI_FM-89-R0	1
16	HDMI Switch 3x1	SKU-649648	1
17	Clamp HDMI Howel	RBI_FM-90-R1	1
18	Cover Hanger Mini Rabbids	MRBI_FM-13-R0	2
19	Upper Back Door Mini Rabbids	MRBI_FM-15-R0	1
20	Acrylic BTS Tower Mini Rabbids	MRBI_FP-01-R0	1
21	Gromet Nylon Wire Headset	RBI_FP-26-R5	2
22	Standoff Wire Headset	RBI_FM-130-R0	2
23	Pull Box Assy Right	RBI_Assy-37-R-R1	1
24	Pull Box Assy Left	RBI_Assy-37-L-R1	1
25	HTC Vive Headset Assy	RBI_Assy-32-R12	2
26	Acrylic Sensor Upper	RBI_FP-24-R1	2
27	Bracket Sensor Safety Upper	RBI_FM-110-R1	2
28	12-24VDC NPN NO,NC Rectangular Diffuse Photoelectric Sensor with CE, 4000mm Sensing Range.	HRMR-S400NC R2M	2
29	Reflector – Hard Type, 120 mm x 80 mm	R120	2
30	Hex Bolt M10 x 30mm (Hex Head Bolt) S/s	HF0848A	4
31	Knock Down Bolt M6 x 30mm Stainless	HF0688B	44
32	Bolt BH Kunci L M6 x 15mm (Button Head Cap) Stainles	HF0605B	30
33	Bolt BH Kunci L M5 x 15mm (Button Head Cap) Stainless	HF0505B	13
34	Baut BH Kunci L M4 x 15mm (Button Head Cap) Stainless	HF0405B	4
35	Baut BH Kunci L M4 x 30mm (Button Head Cap) Stainless	HF0408C	10
36	Bolt JP M3 x 8mm (Machine Screw Pan Head Philips) Stainless	HF0302B	4
37	Plate Washer M3 (Flat Washer) Stainless	HF1064A	4
38	Plate Washer M4 (Flat Washer) Stainless	HF1065B	14

ITEM	TITLE	PART NUMBER	QTY
39	Plate Washer M5 (Flat Washer) Stainless	HF1066A	16
40	Plate Washer M6 (Flat Washer) S/s	HF1067D	30
41	Plate Washer M6 (Flat Washer) Big	HF1067A	3
42	Plate Washer M10 (Flat Washer) S/s	HF1069A	4
43	Lock Washer M3 (Spring Washer) S/s	HF1074A	4
44	Lock Washer M4 (Spring Washer) S/s	HF1075A	14
45	Lock Washer M5 (Spring Washer) Stainless	HF1076A	13
46	Lock Washer M6 (Spring Washer) Stainless	HF1077A	30
47	Lock Washer M10 (Spring Washer) Stainless	HF1079A	4
48	Flange Nut M4 Stainless	HF1025A	24
49	Flange Nut M5 Stainless	HF1026A	23
50	Flange Nut M6 Stainless	HF1027A	59
51	Cable Ties 10 cm (Black)	EP0001A	3
53	Bolt Hex M5 x 20mm (Hex Head Bolt) Stainless	HF0546B	1
54	Nylon Cable Strap Cable Ties Cord Clamp	EP0005B	1
55	Lock Nut M5 Stainless	HF1016A	4
56	Knock Down Bolt M6 x 30mm White	HF0688A	10

TOWER BASE ASSEMBLY

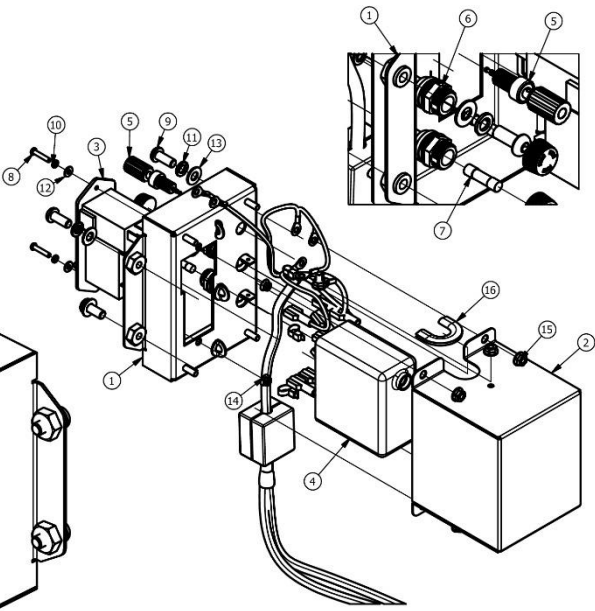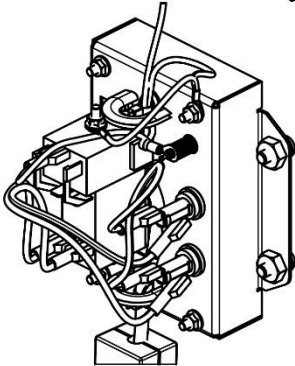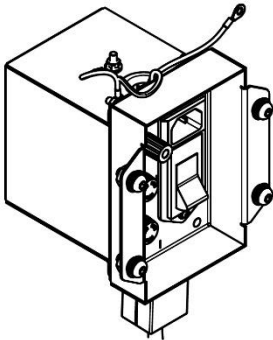|	PARTS LIST		
ITEM	TITLE	PART NUMBER	QTY
1	Base Main Panel SA	RB1_SA-7-R0	1
2	Rubber Feet 16mm x 60 (Rubber Mounting)	HM3022	4
3	Base PCB SA	RB1_SA-9-R0	1
4	Stand CPU Front SA	RB1_SA-8-R0	1
5	Stand CPU Back SA	RB1_SA-24-R1	1
6	Adjusment Rail CPU	RB_FM-34-R2	4
7	Power Supply Assy	RB1_Assy-24-R1	1
8	PCB Board Assy	RB1_Assy-22-R2	1
9	CPU Box Assy Type 2	RB1_Assy-30-R5	2
10	Motion Controller, KCU-1P	800-N026	1
11	PDU OUTLET STRIP, RACK MOUNT, 8, 10A	1582H8E1BK	2
12	Bracket Hongsing	RB1_FM-58-R0	1
13	Hongxing HX168AN 2.1 Amplyfier	EA1588	1
14	Reinforce Join 1 L	RB1_FM-38-L-R0	1
15	Reinforce Join 1 R	RB1_FM-38-R-R0	1
16	Reinforce Join 2 R	RB1_FM-39-R-R0	1
17	Reinforce Join 2 L	RB1_FM-39-L-R0	1
18	Adapter D-Box - supplied with Motion Controller	N.A.	1
19	Clamp Adapter Electrical	RB1_FM-55-R0	1
20	Audio Isolation Transformer	EA0839	1
21	Bracket Adapter Ampli	RB1_FM-56-R0	1
22	Serial Number Plate	RB1_FM-83-R0	1
23	Bracket Box Extention VR	RB1_FM-87-R0	1
24	HTC Link Box	LEA-248	2
25	Clamp Box Extention VR	RB1_FM-88-R1	2
26	Bracket Terimal Adapter	RB1_FM-54-R0	1
27	Bracket Connector Tower	RB1_FM-96-R2	1
28	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	8
29	BOLT BH Kunci L M5 x 15mm (Button Head Cap) STAINLESS	HF0505B	26
30	BOLT BH Kunci L M5 x 30mm (Button Head Cap) STAINLESS	HF0508C	2
31	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	12
32	Lock Washer M4 (Spring Washer) S/s	HF1075A	8
33	Lock Washer M5 (Spring Washer) STAINLESS	HF1076A	26
34	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	12
35	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	8
36	Plate Washer M5 (Flat Washer) STAINLESS	HF1066A	26
37	Plate Washer M6 (Flat Washer) S/s	HF1067D	12
38	Flange Nut M4 STAINLESS	HF1025A	10
39	Flange Nut M5 STAINLESS	HF1026A	18
40	Flange Nut M6 STAINLESS	HF1027A	8
41	Paku Rivet Stainless Steel (Pop Rivet) 4.0 x 8mm	HF6021	4
42	IEC 60320 plug adapter C14 to NEMA 5-15R	YL-3215	4

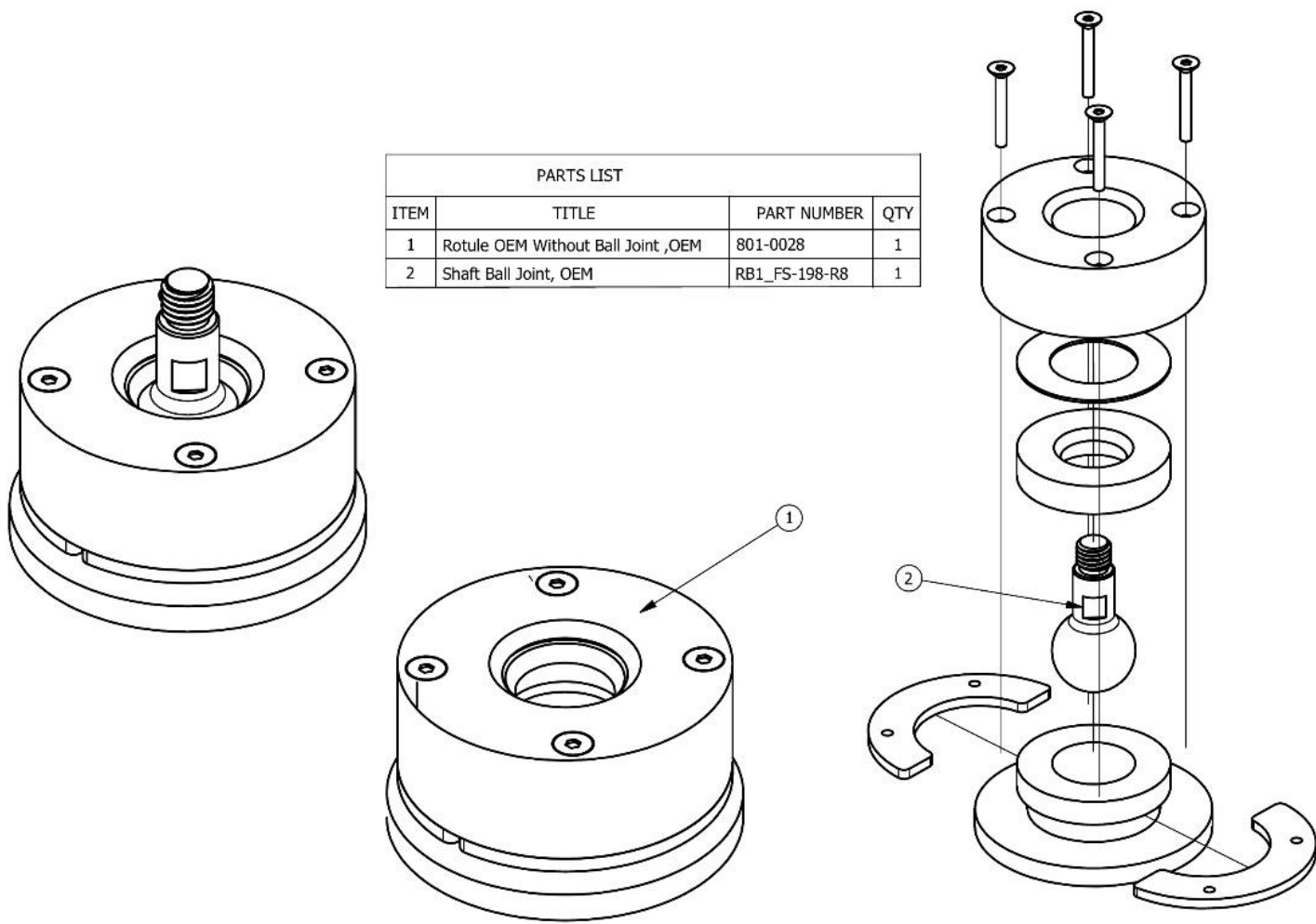# DB BOX 240V AND 110V VERSIONS

PARTS LIST

ITEM	TITLE	PART NUMBER	QTY
1	Db Box Front	RB1_FM-44-R0	1
2	IEC Filter, 0.22 µF, 250 V, 10 A, IEC, Mains, Quick Connect, 330 µH	EA0649	1
3	Binding Post (for New DB Box)	EA1356	1
4	DB box housing	RB1_FM-45-R1	1
5	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	2
6	Flange Nut M4 STAINLESS	HF1025A	2
7	Flange Nut M5 STAINLESS	HF1026A	4

PARTS LIST

ITEM	TITLE	PART NUMBER	QTY
1	DB Box Front 110 V	RB1_FM-134-R0	1
2	DB Box Housing 110 V	RB1_FM-135-R0	1
3	AC Power Input module C14 Socket, Filter Switch	5145.ABDWF150C0811	1
4	PVC Insulating Cover over AC Power Input Module	0859.0074	1
5	Binding Post Tin Plated-Green 3760-5	EA1356	1
6	AC Input Fuse Holder BK-HTB-26M-R	BK/HTB-26M-R	2
7	LittleFuse 48712.5MXP-12.5A	48712.5MXP	2
8	BOLT JP M3 x 15mm (Machine Screw Pan Head Philips) Stainless	HF0305B	2
9	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	4
10	Lock Washer M3 (Spring Washer)	HF1074	2
11	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	4
12	Plate Washer M3 (Flat Washer)	HF1064	2
13	Plate Washer M6 (Flat Washer) S/s	HF1067D	4
14	Flange Nut M3 Stainless	HF1024A	2
15	Flange Nut M4 STAINLESS	HF1025A	6
16	Rubber Edge Glass 2 mm	HM2996B	2

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FRONT ROTULE ASSEMBLY

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Rotule OEM Without Ball Joint ,OEM	801-0028	1
2	Shaft Ball Joint, OEM	RB1_FS-198-R8	1

BACK PANEL ASSEMBLY STANDARD AND MINI VERSIONS

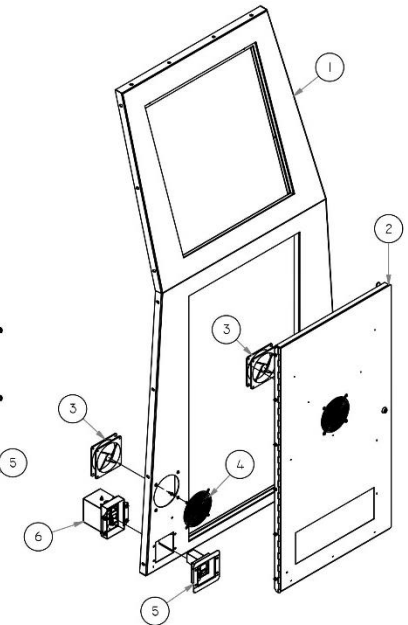|		PARTS LIST		
ITEM	TITLE	PART NUMBER	QTY	Note
1	Cover Back Main Panel 2 SA	RB1_SA-11-R1	1	
2	Back Door Tower 1 Assy	RB1_Assy-19-R2	1	
3	Back Door Tower 2 Assy	RB1_Assy-20-R0	1	
4	DB Box Assy	RB1_Assy-23-R1	1	for input 220 V
5	Assy IC Input 110 V	RB1_Assy-39-R0	1	for input 110 V
6	DC Brushless Fan 12025 DC	EC12025M12S	2	
7	Fan Grill 120 mm	HM0380	2	
8	Baut BH Kunci L M4 x 45mm (Button Head Cap) STAINLESS	HF0409A	8	
9	Lock Washer M4 (Spring Washer) S/s	HF1075A	8	
10	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	8	
11	Flange Nut M4 STAINLESS	HF1025A	8	
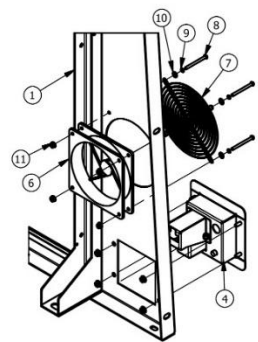
IC Input For 220 V
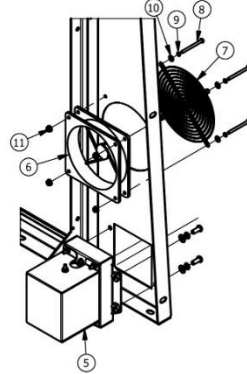
IC Input For 110 V
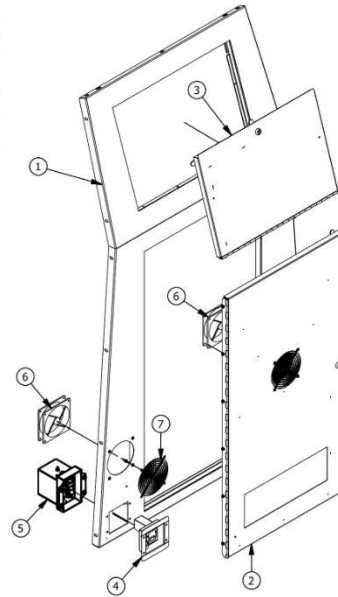
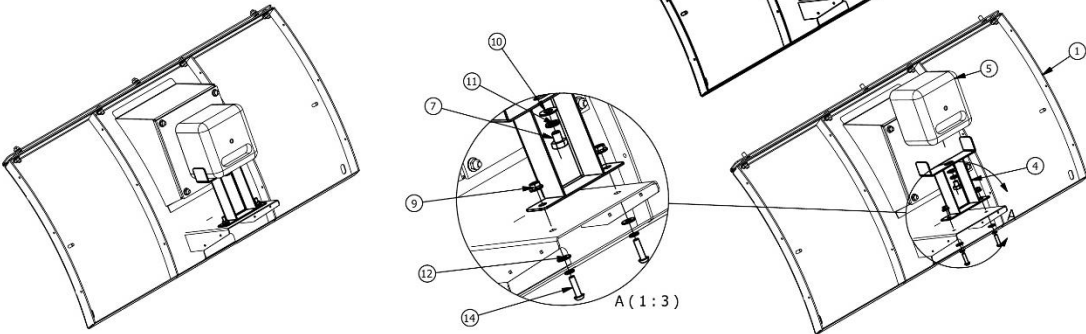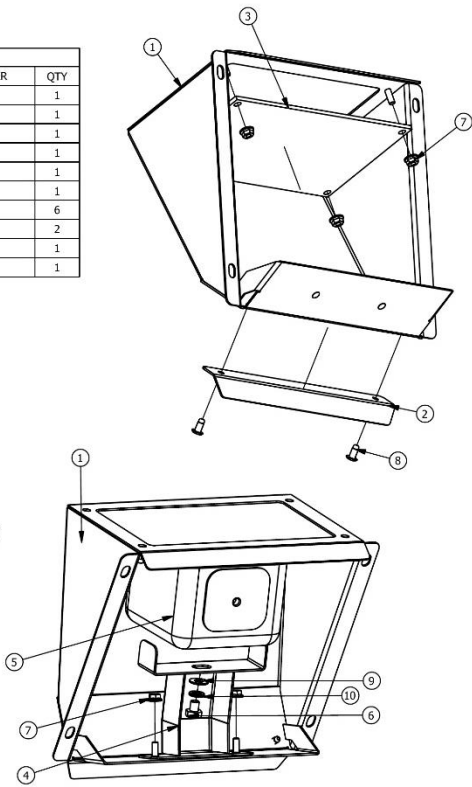|	PARTS LIST		
ITEM	TITLE	PART NUMBER	QTY
1	Cover Back Main Panel 2 SA Mini Rabbids	MRB1_SA-01-R0	1
2	Back Door Tower 1 Assy	RB1_Assy-19-R2	1
3	DC Brushless Fan 12025 DC	EC12025M12S	2
4	Fan Grill 120 mm	HM0380	2
5	DB Box Assy	RB1_Assy-23-R1	1
6	Assy IC Input 110 V	RB1_Assy-39-R0	1
7	Baut BH Kunci L M4 x 45mm (Button Head Cap) STAINLESS	HF0409A	8
8	Lock Washer M4 (Spring Washer) S/s	HF1075A	8
9	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	8
10	Flange Nut M4 STAINLESS	HF1025A	8
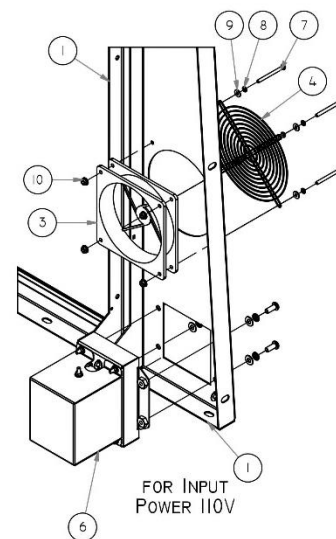
FOR INPUT POWER 110V
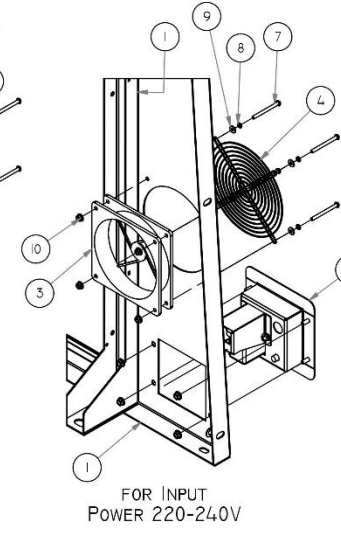
FOR INPUT POWER 220-240V

TOWER BASE STATION HATCH AND SLED BASE STATION HOUSING

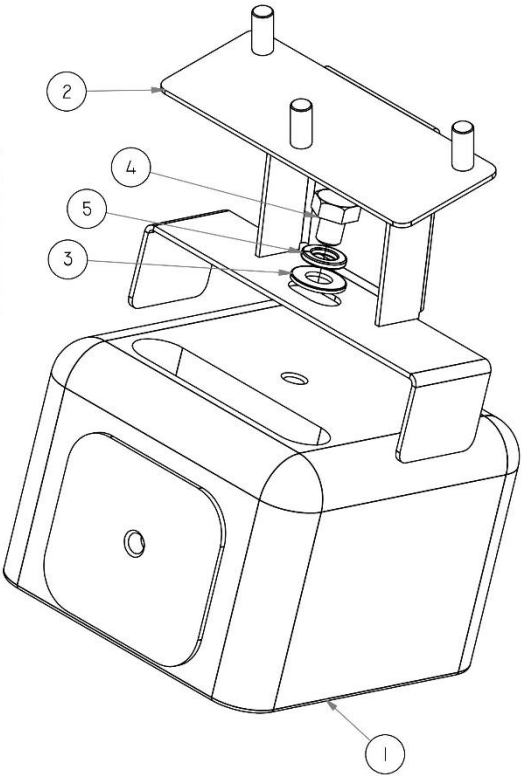| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Front Door Main Panel SA	RB1_SA-14-R1	1
2	Hinge Front Door Panel	RB1_FM-48-R0	1
3	Acrylic Grey Sensor1	RB1_FP-08-R0	1
4	Bracket Tower Base Station	RB1_FM-126-R1	1
5	HTC BaseStation	LEA-254	1
6	BOLT BH Kunci L M5 x 10mm (Button Head Cap) STAINLESS	HF0503B	7
7	BOLT Hex 1/4"-20 UNC x 1/4" (Hex Head Bolt) Ss	HF5010	1
8	Flange Nut M5 STAINLESS	HF1026A	7
9	Flange Nut M4 STAINLESS	HF1025A	6
10	Plate Washer M6 (Flat Washer) S/s	HF1067D	1
11	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	1
12	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	2
13	Lock Washer M4 (Spring Washer) S/s	HF1075A	2
14	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	2

A (1 : 3)

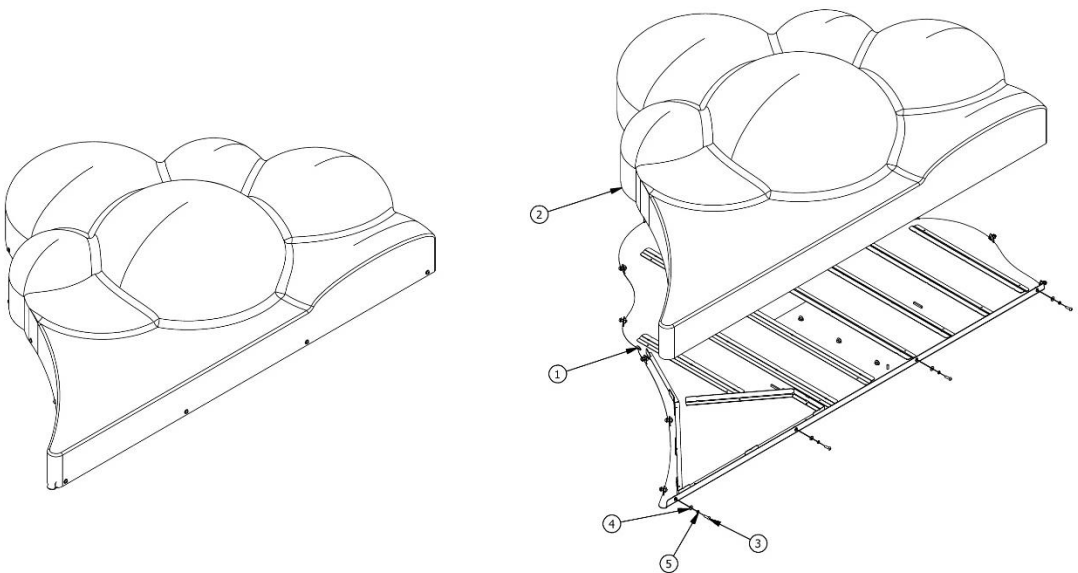| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Camera Cover Front	RB1_FM-74-R1	1
2	Extention Cover Base Station	RB1_FM-86-R0	1
3	Acrylic Grey Sensor2	RB1_FP-09-R0	1
4	Bracket Sled Base Station	RB1_FM-125-R0	1
5	HTC BaseStation	LEA-254	1
6	BOLT Hex 1/4"-20 UNC x 1/4" (Hex Head Bolt) Ss	HF5010	1
7	Flange Nut M4 STAINLESS	HF1025A	6
8	Paku Rivet Stainless Steel (Pop Rivet) 4.0 x 8mm	HF6021	2
9	Plate Washer M6 (Flat Washer) S/s	HF1067D	1
10	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	1

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BASE STATION ASSEMBLY MINI VERSION

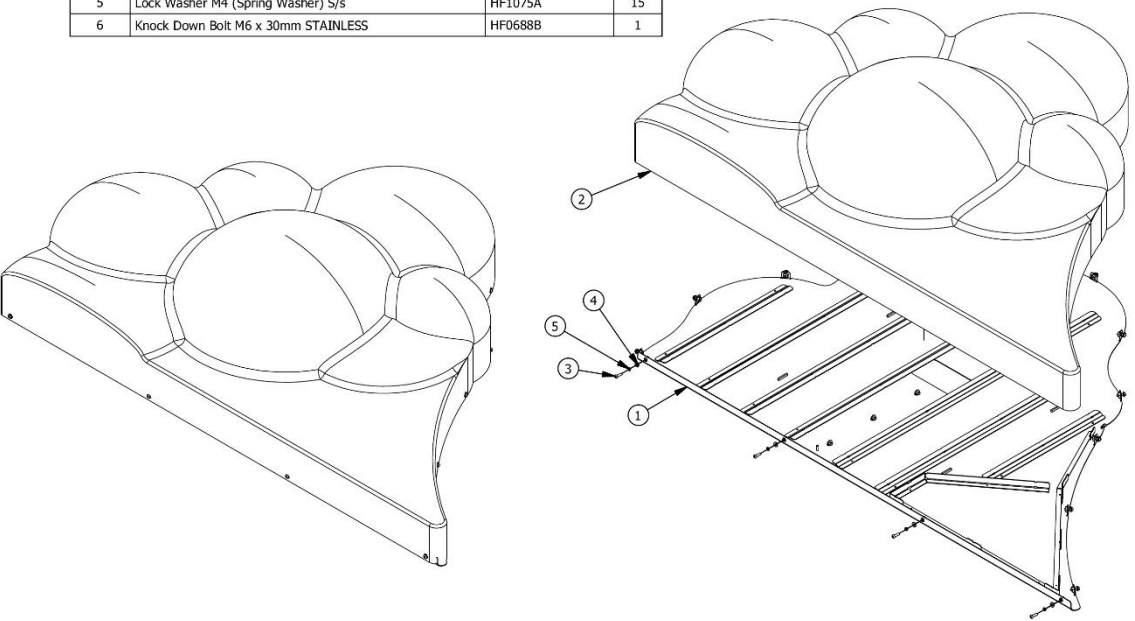| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	HTC BaseStation	LEA-254	1
2	Bracket Tower Base Station Mini Rabbids	MRBI_FM-II-R0	1
3	Plate Washer M6 (Flat Washer) S/s	HF1067D	1
4	BOLT Hex 1/4"-20 UNC x 1/4" (Hex Head Bolt) Ss	HF5010	1
5	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	1

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LEFT AND RIGHT DUST CLOUD ASSEMBLY

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Bracket Dust Cloud L SA	RB1_SA-22-L-R1	1
2	Dust Cloud L	RB1_FP-16-L-R1	1
3	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	15
4	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	15
5	Lock Washer M4 (Spring Washer) S/s	HF1075A	15
6	Knock Down Bolt M6 x 30mm STAINLESS	HF0688B	1

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Bracket Dust Cloud R SA	RB1_SA-22-R-R1	1
2	Dust Cloud R	RB1_FP-16-R-R1	1
3	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	15
4	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	15
5	Lock Washer M4 (Spring Washer) S/s	HF1075A	15
6	Knock Down Bolt M6 x 30mm STAINLESS	HF0688B	1

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LEFT (1) AND RIGHT (2) HEADER ASSEMBLY

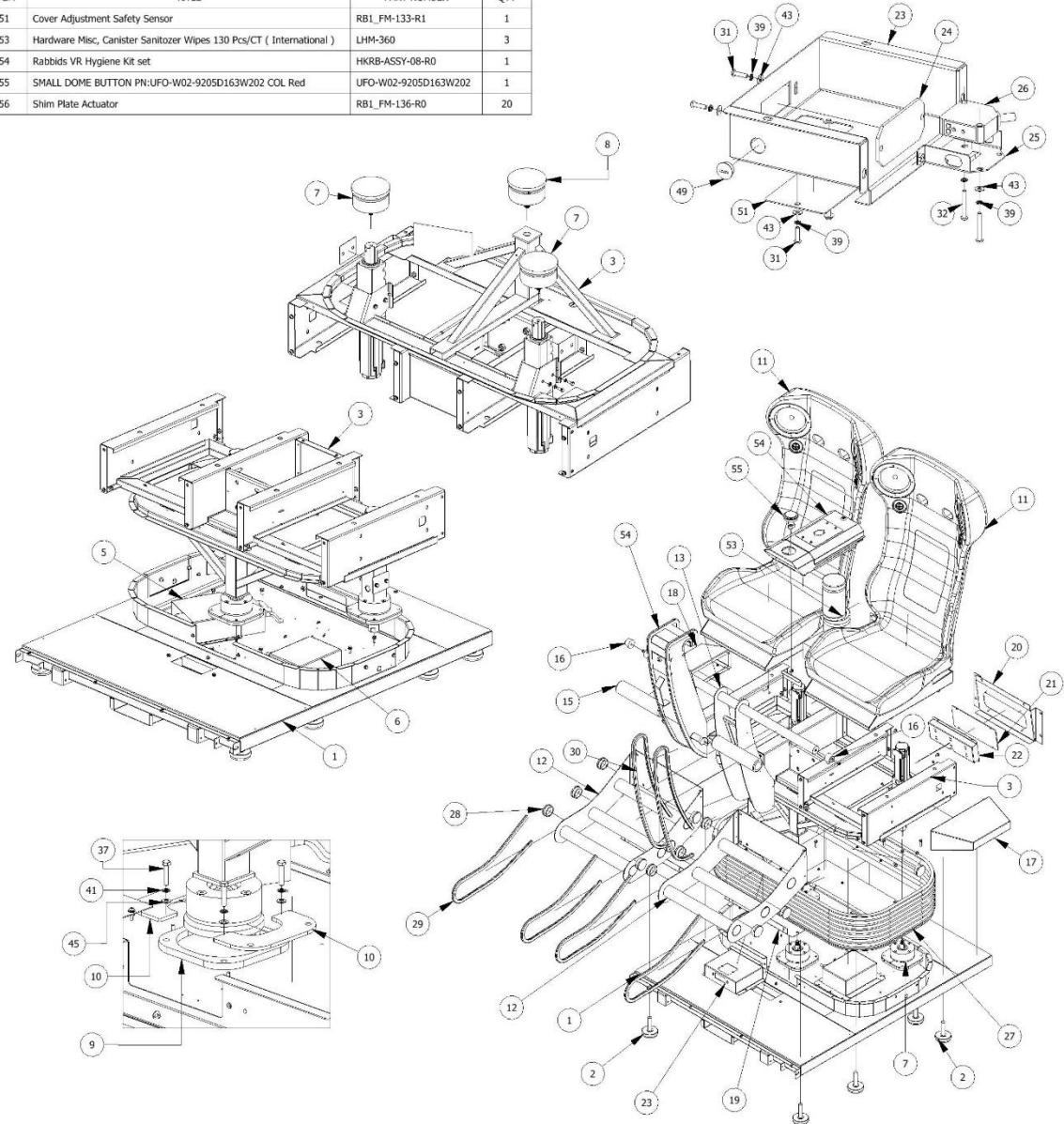| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Header Sign 1	RB1_FP-01-R2	1
2	Bracket Header Rabbids	RB1_FM-53-R1	3
3	BOLT JF (TIRUS) M4 x 15mm (Machine Screw Pan Head Philips) S/s	HF0465A	6
4	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	6
5	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	6
6	Plate Washer M6 (Flat Washer) S/s	HF1067D	6

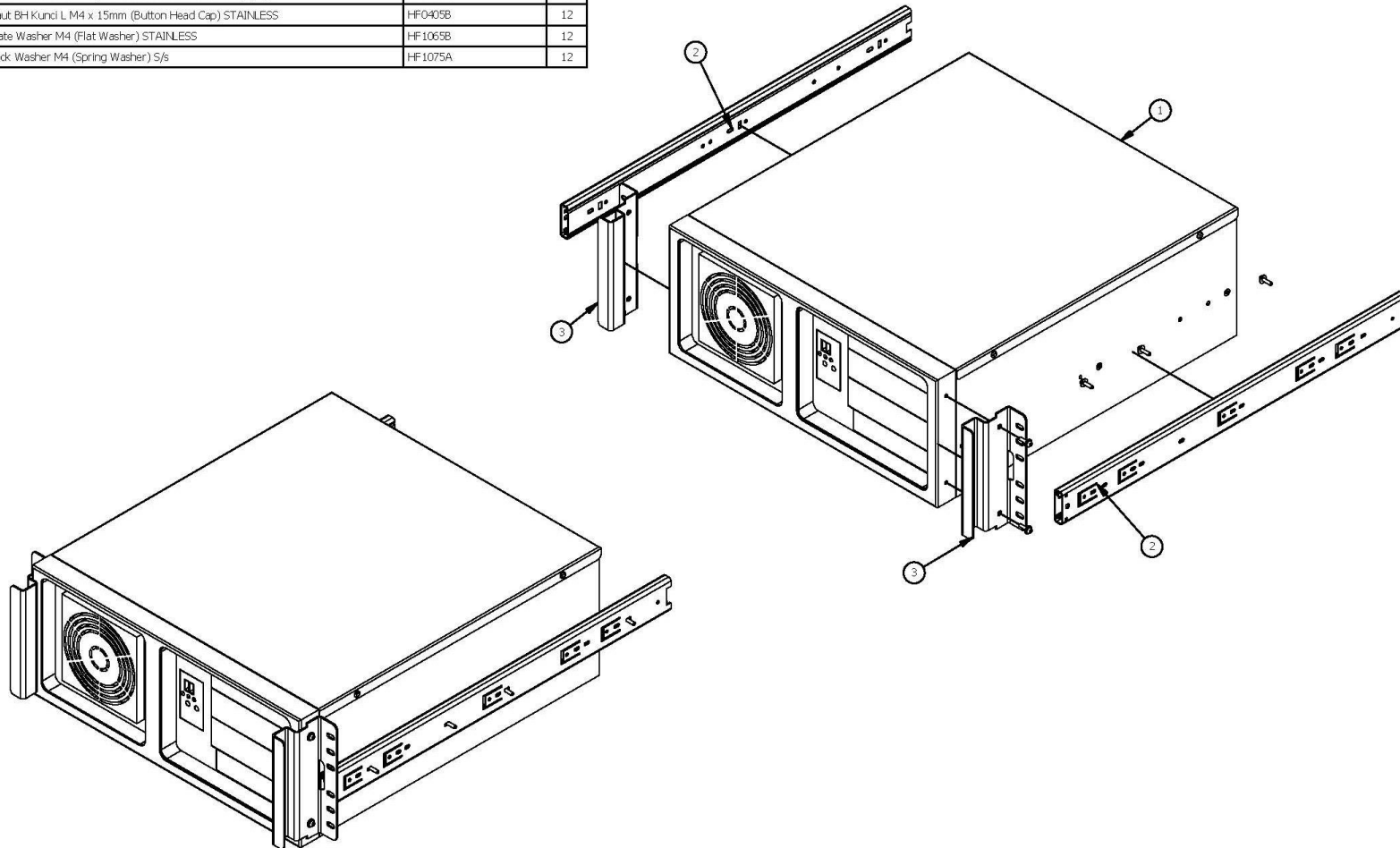| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Header Sign 2	RB1_FP-02-R2	1
2	Bracket Header Rabbids	RB1_FM-53-R1	3
3	BOLT JF (TIRUS) M4 x 15mm (Machine Screw Pan Head Philips) S/s	HF0465A	6
4	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	6
5	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	6
6	Plate Washer M6 (Flat Washer) S/s	HF1067D	6

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MOTION BASE ASSEMBLY

ITEM	TITLE	PART NUMBER	QTY
1	Base Static SA	RB1_SA-2-R3	1
2	Rubber Feet 16mm x 60 (Rubber Mounting)	HM3022	8
3	Base Dynamic SA	RB1_SA-1-R12	1
4	PS Actuator AC231 250Lbs, MEC AC231	LEA-247	2
5	ACM 230 Control Box, RP ACM II G2 R	LEA-273	1
6	ACM Transformer 230S-V2-500VA	LEA-272	1
7	Captive ending Back, black zinc, w/Retainer w/Spacer		2
8	Front Rotule Assy	RB1_Assy-31-R4	1
9	Rotule Retainer		3
10	Rotule Spacer		6
11	Seat assy	RB1_Assy-14-R3	2
12	Foot Rest SA	RB1_SA-3-R1	2
13	Handle Player SA	RB1_SA-4-R1	1
14	Plate Gounded M10	RB1_FM-93-R0	1
15	Silicon Black Shore 45A (Id ; Ø 36 mm, Od ; Ø 57 mm, L ; 250 mm)	MPN SFB-45A	2
16	Rubber Tip Protector for Handle Synthetic Rubber	FSY3830-55	2
17	Wing Motion L SA	RB1_SA-6-L-R1	1
18	Wing Motion R SA	RB1_SA-6-R-R1	1
19	Cover Motion Base 1	RB1_FM-30-R0	2
20	Cover Motion Base 2	RB1_FM-31-R0	2
21	Plastic Under Seat	RB_FP-14-R0	2
22	Light Box Under Seat	RB1_FM-81-R0	2
23	Cover Cable Platform	RB1_FM-36-R5	1
24	Acrylic Sensor Lower	RB1_FP-23-R2	1
25	Bracket Sensor Safety Lower	RB1_FM-111-R3	1
26	12-24VDC NPN NO.NC rectangular diffuse photoelectric sensor with CE, 4000mm sensing range.	HRMR-S400NC R2M	1
27	Weather Stripping Sponge Rubber DEV-001 Length 2.62 M	ED-5389	1
28	Plastic cap 2 inches	EC-P020	12
29	Edge Trim, Series 100, Aluminium, Black, Leather, 3/32" thickness (Footrest)	100B2x3/32(A)	4
30	Edge Trim, Series 100, Aluminium, Black, Leather, 3/32" thicknes(Handle Bar)	100B2x3/32(B)	2
31	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	4
32	Baut BH Kunci L M4 x 30mm (Button Head Cap) STAINLESS	HF0408C	2
33	BOLT BH Kunci L M5 x 15mm (Button Head Cap) STAINLESS	HF0505B	4
34	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	30
35	BOLT Hex M6 x 15mm (Hex Head Bolt) STAINLESS	HF0645A	4
36	Grade 5 Steel BOLT Hex 1/4"-20 UNC x 3/4"	LEA-243J	8
37	Grade 5 Steel Bolt Hex M6 x 30mm	HF0648B	12
38	Knock Down Bolt M6 x 30mm STAINLESS	HF0688B	2
39	Lock Washer M4 (Spring Washer) S/s	HF1075A	6
40	Lock Washer M5 (Spring Washer) STAINLESS	HF1076A	4
41	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	46
42	Lock Washer M6 (Spring Washer) - Dbox	LEA-243K	8
43	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	6
44	Plate Washer M5 (Flat Washer) STAINLESS	HF1066A	4
45	Plate Washer M6 (Flat Washer) S/s	HF1067D	54
46	Flange Nut M4 STAINLESS	HF1025A	16
47	Flange Nut M5 STAINLESS	HF1026A	8
48	Locknut M10	HF1019	4
49	Plastic Plug, White. M16x1.5mm	YDTPM16108	1
50	Hex Nut M4	HF1005	2

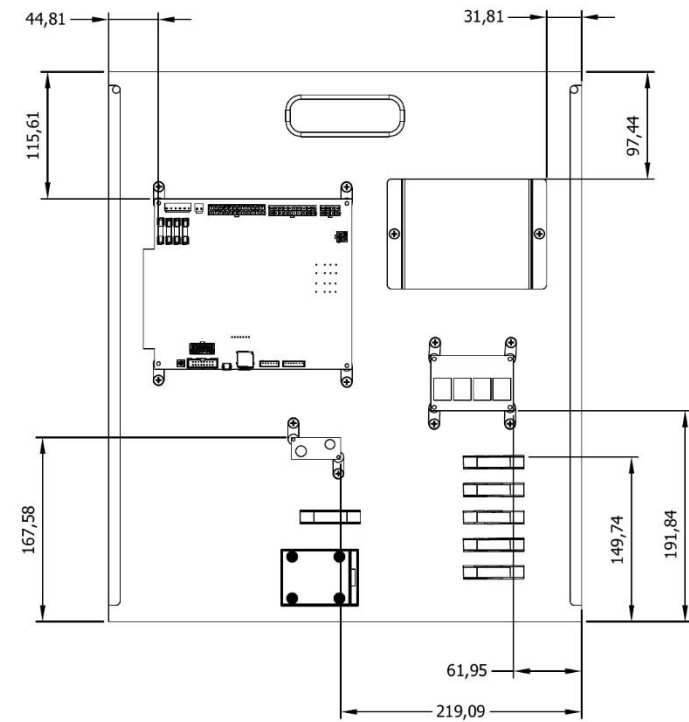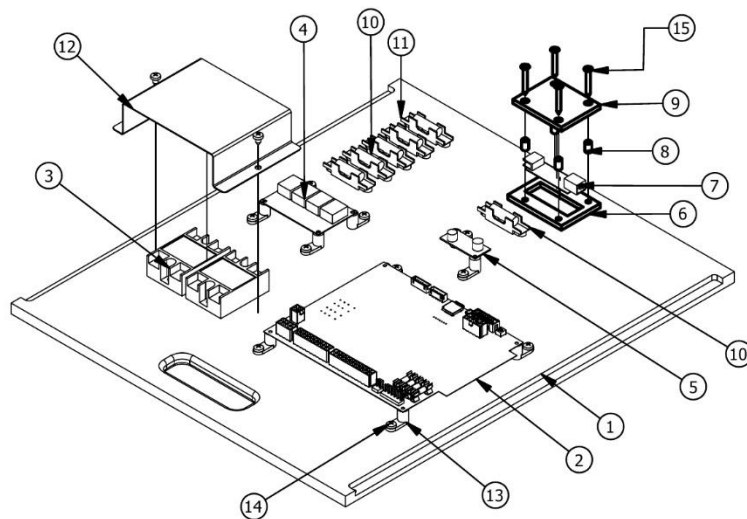| ITEM	TITLE	PART NUMBER	QTY
51	Cover Adjustment Safety Sensor	RB1_FM-133-R1	1
53	Hardware Misc, Canister Sanitozer Wipes 130 Pcs/CT (International)	LHM-360	3
54	Rabbids VR Hygiene Kit set	HKRB-ASSY-08-R0	1
55	SMALL DOME BUTTON PN:UFO-W02-9205D163W202 COL Red	UFO-W02-9205D163W202	1
56	Shim Plate Actuator	RB1_FM-136-R0	20

PC CHASSIS ASSEMBLY

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	PC Computer I7 SSD 120GB/ RM641 Computer w/ SD331-Q170Mb	MAC-136	1
2	Slider PC	RB1_FM-127-R2	2
3	Stoper CPU	RB1_FM-59-R0	2
4	BOLT JF M4 x 10mm (Machine Screw Pan Head Philips) S/s	HF0463B	6
5	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	12
6	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	12
7	Lock Washer M4 (Spring Washer) S/s	HF1075A	12

PCB BOARD ASSEMBLY

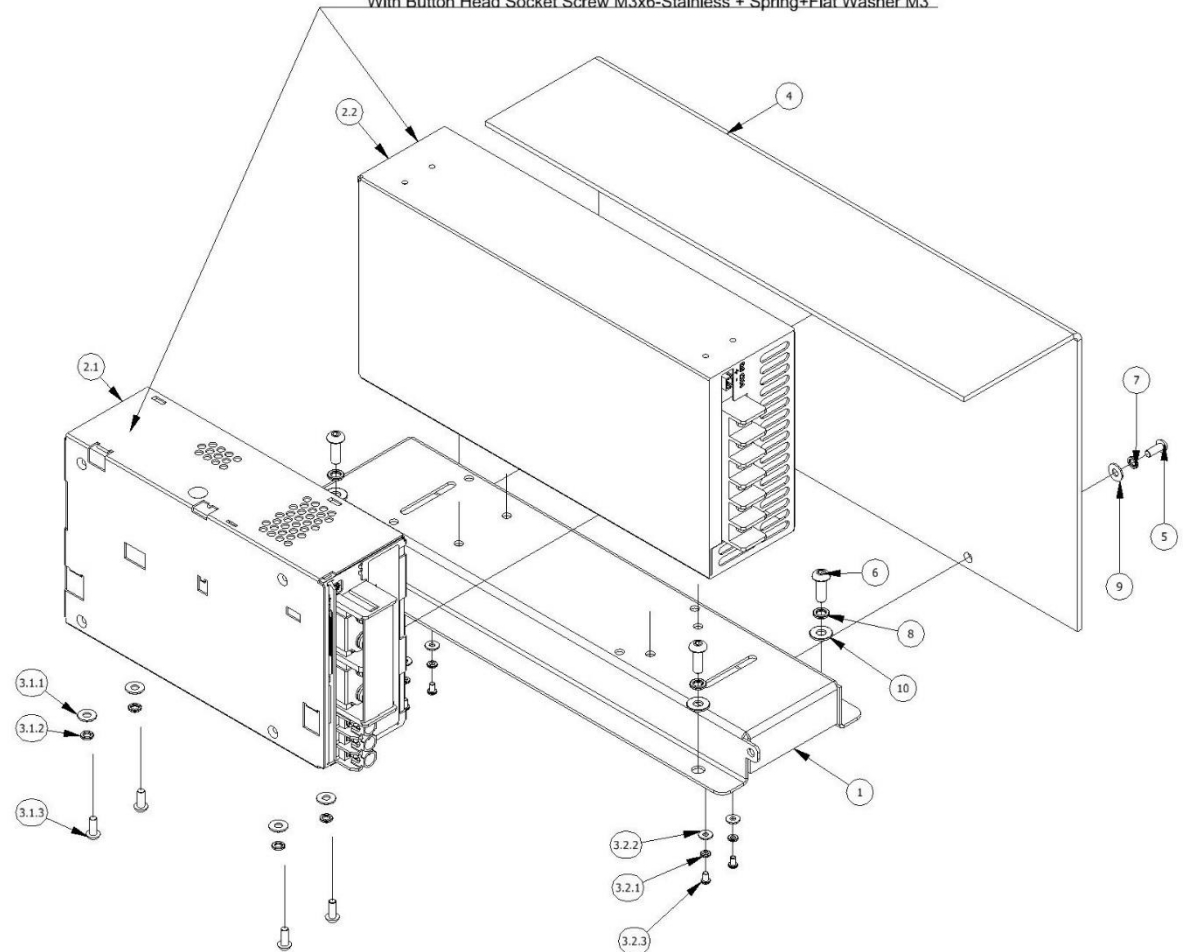| ITEM	TITLE	PART NUMBER	QTY
PARTS LIST			
1	PCB Board	RB1_FW-02-R1	1
2	PCB FB216 Game Board	BAFB216	1
3	SSR-25 DA Solid State Module	SSR-25 DA	2
4	4 channel relay module with optocoupler.	BA0016	1
5	Ultra-small LM2596 power supply module DC / DC BUCK 3A adjustable buck module regulator	EA1663	1
6	Base Protector PCB	RB1_FP-27-R0	1
7	Double Protection USB to 485 Module FT232 Chip USB to TTL/RS485	EA1966	1
8	Round Spacer 4-10	EP0623	4
9	Clamp Protector PCB	RB1_FP-28-R0	1
10	Fuse 5AG Fast Blow 5A	EA0012	6
11	Fuse Holder 3AG Panel Mount	EA0041	6
12	Cover Safety Riley	RB1_FP-18-R0	1
13	PCB Stand Off (Plastic)	EP0601	10
14	Sekrup FH #6 x 1/2 Inci (ScrewFlatHead Philips) STAINLESS	HF4641A	18
15	Sekrup FH #6 x 1-1/4 Inci (Screw Flat Head Philips)	HF4605	4

POWER SUPPLY ASSEMBLY

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Power Supply Bracket	RB1_FM-37-R1	1
2	CHOOSE ONLY 1 Power Supply		1
2.1	Power Supply RWS600B-12 12V-50A	EA1292	1
2.2	Power Supply SE-600-12V, 50A	EA1196	1
3	CHOOSE ONLY 1 Fastener Power Supply		1
3.1	FASTENER Power Supply TDK Lambda		1
3.1.1	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	4
3.1.2	Lock Washer M4 (Spring Washer) S/s	HF1075A	4
3.1.3	BOLT BH Kunci L M4 x 10mm (Button Head Cap) STAINLESS	HF0403B	4
3.2	FASTENER Power Supply Meanwell		1
3.2.1	Lock Washer M3 (Spring Washer) S/s	HF1074A	4
3.2.2	Plate Washer M3 (Flat Washer) STAINLESS	HF1064A	4
3.2.3	BOLT JP M3 x 8mm (Machine Screw Pan Head Philips) STAINLESS	HF0302B	4
4	Cover Safety Power Supply	RB1_FP-04-R0	1
5	BOLT BH Kunci L M4 x 10mm (Button Head Cap) STAINLESS	HF0403B	2
6	BOLT BH Kunci L M5 x 15mm (Button Head Cap) STAINLESS	HF0505B	4
7	Lock Washer M4 (Spring Washer) S/s	HF1075A	2
8	Lock Washer M5 (Spring Washer) STAINLESS	HF1076A	4
9	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	2
10	Plate Washer M5 (Flat Washer) STAINLESS	HF1066A	4
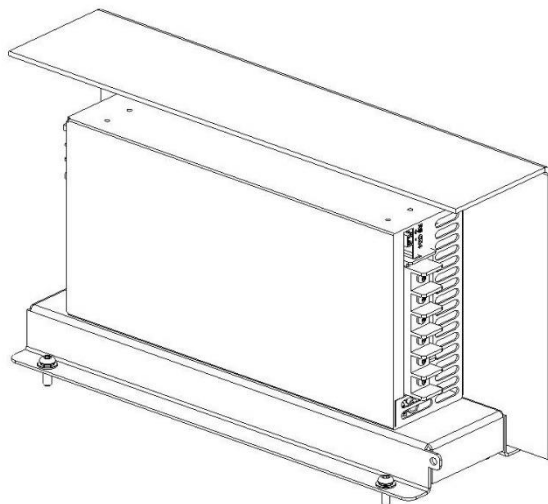
Choose Only One Power Supply & Fastener
- Power Supply RWS600B-12 12V-50A, P/n EA1292
  With Button Head Socket Screw M4x10-Stainless + Spring+Flat Washer M4
- Power Supply RWS600B-12 12V-50A, P/n EA1292
 With Button Head Socket Screw M3x6-Stainless + Spring+Flat Washer M3

MONITOR ASSEMBLY

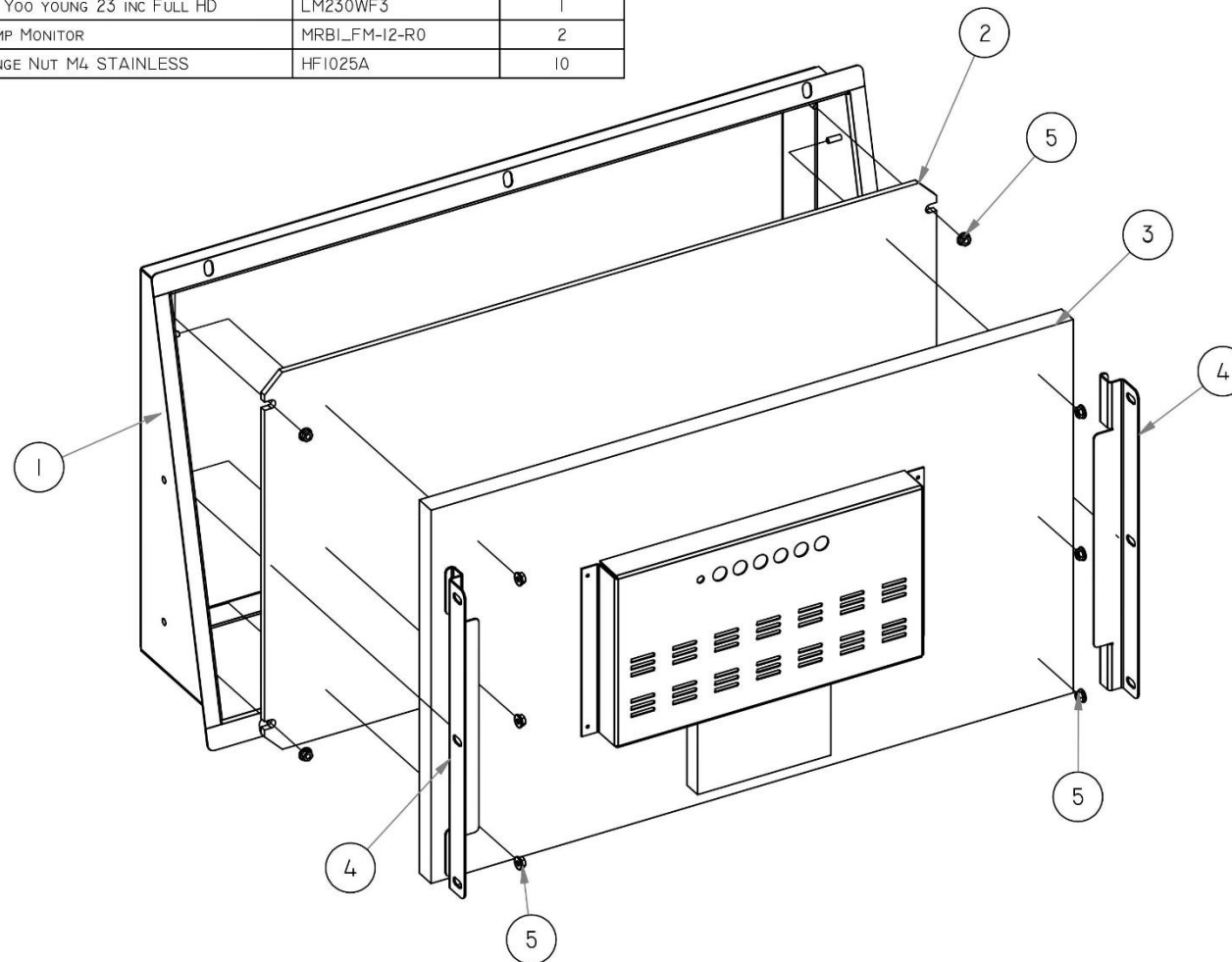| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Bracket Monitor 55 inc SA	RB1_SA-21-R3	1
2	Monitor 55 inchi LD550EUE-FHB1 WIND 24V	LHM-203	1
3	LCD 55inc Monitor Dfi	LHM-278	1
4	Back Cover Monitor 1	RB1_FM-60-R4	1
5	Back Cover Monitor 2	RB1_FM-61-R5	1
6	Back Cover Monitor 3	RB1_FM-79-R3	1
7	Back Cover Monitor 4	RB1_FM-82-R3	1
8	Back Cover Monitor 5	RB1_FM-66-R2	1
9	Acrylic Monitor	RB1_FP-03-R3	1
10	Bracket Sign Header Monitor	RB1_FM-100-R1	2
11	Header Sign Monitor Type 2	RB1_FP-33-R0	1
12	Clamp Cover Monitor 1	RB1_FM-116-R1	1
13	Clamp Cover Monitor 2	RB1_FM-117-R1	1
14	Clamp Cover Monitor 3	RB1_FM-118-R1	1
15	Clamp Cover Monitor 4	RB1_FM-119-R1	1
16	BOLT JF (TIRUS) M4 x 15mm (Machine Screw Pan Head Philips) S/s	HF0465A	6
17	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	12
18	BOLT BH Kunci L M5 x 15mm (Button Head Cap) STAINLESS	HF0505B	8
19	HEX BOLT M10 x 30mm (Hex Head Bolt) S/s	HF0848A	2
20	Lock Washer M4 (Spring Washer) S/s	HF1075A	12
21	Lock Washer M5 (Spring Washer) STAINLESS	HF1076A	8
22	Lock Washer M10 (Spring Washer) STAINLESS	HF1079A	2
23	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	12
24	Plate Washer M5 (Flat Washer) STAINLESS	HF1066A	8
25	Plate Washer M10 (Flat Washer) S/s	HF1069A	2
26	Flange Nut M4 STAINLESS	HF1025A	20
27	Flange Nut M5 STAINLESS	HF1026A	12
28	Paku Rivet Stainless Steel (Pop Rivet) 4.0 x 8mm	HF6021	16

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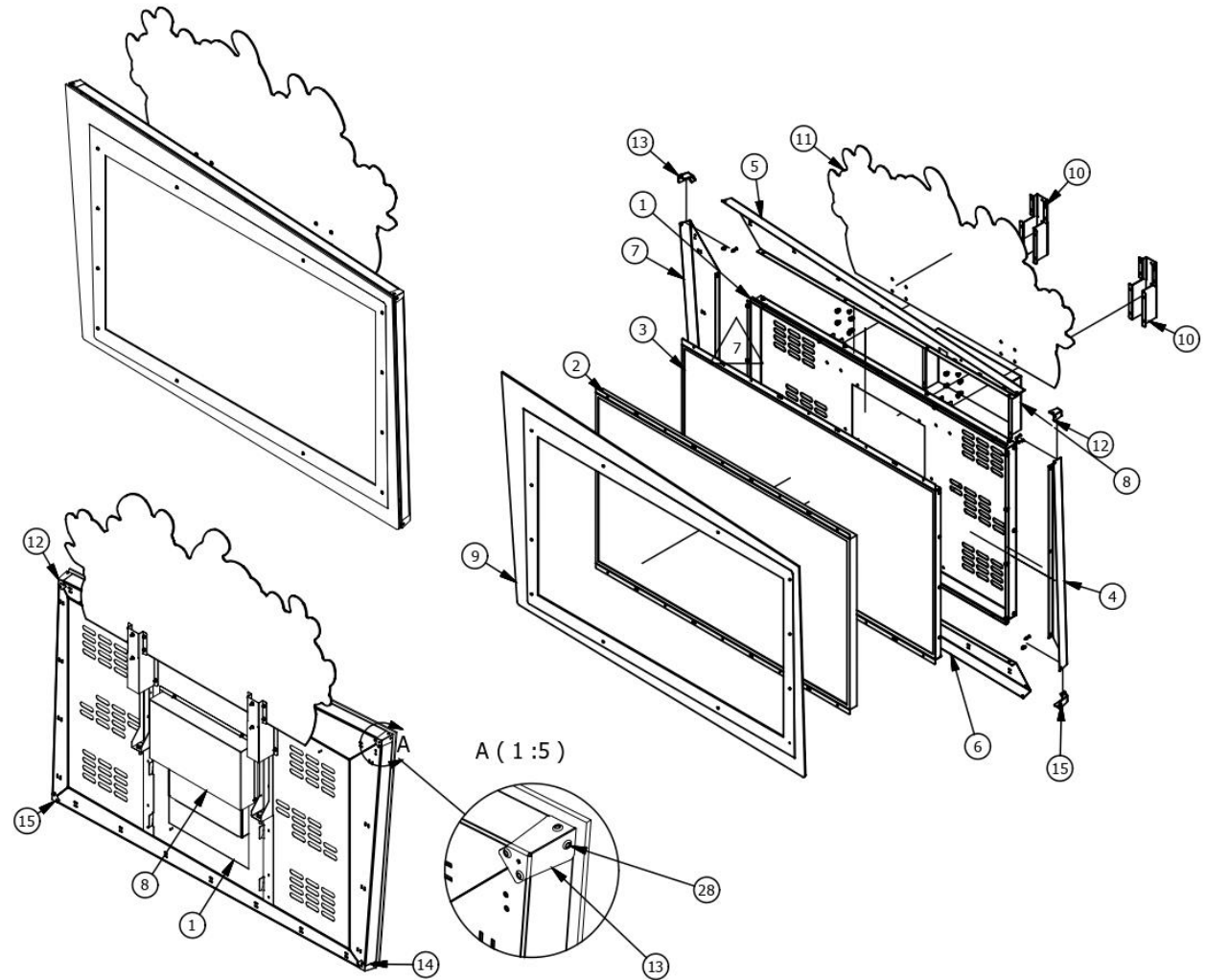
MONITOR ASSEMBLY COMPACT VERSION

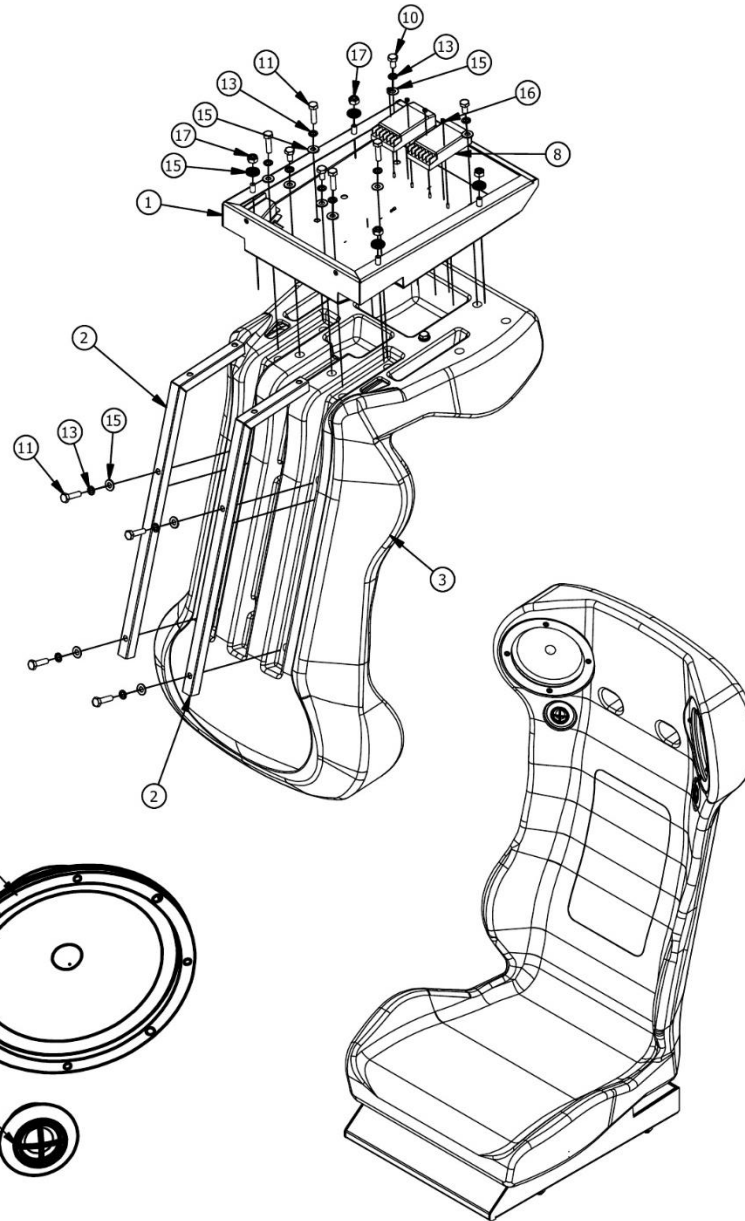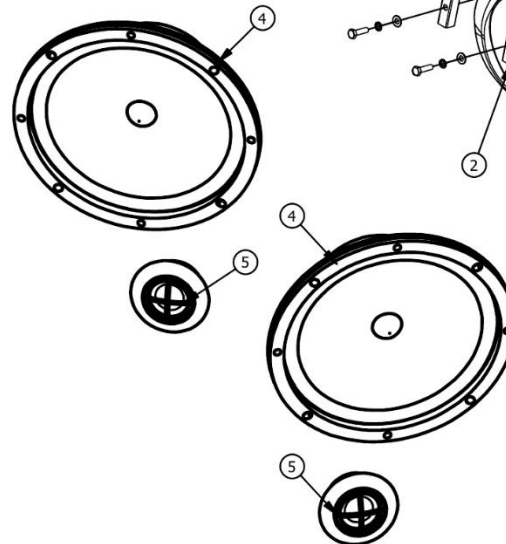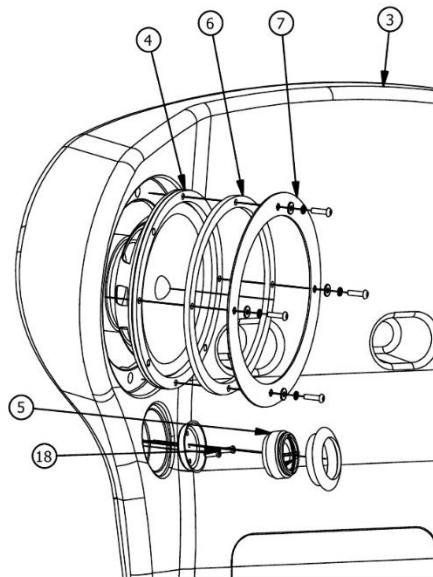| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Bracket Monitor 32 Inc SA	RBCLI_SA-01-R1	1
2	Frame Monitor Assembly Cruise Ship	RBCLI_Assy-04-R2	1
3	Back Cover Monitor 32 Inc 1	RBCLI_FM-03-R1	1
4	Back Cover Monitor 32 Inc 2	RBCLI_FM-04-R1	1
5	Back Cover Monitor 32 Inc 3	RBCLI_FM-05-R1	1
6	Back Cover Monitor 32 Inc 4	RBCLI_FM-06-R1	1
7	Back Cover Monitor 32 Inc 5	RBCLI_FM-07-R0	1
8	Clamp Coverr Monitor 32 Inc 1	RBCLI_FM-08-R1	1
9	Clamp Coverr Monitor 32 Inc 2	RBI_FM-09-R1	1
10	Clamp Coverr Monitor 32 Inc 3	RBCLI_FM-10-R1	1
11	Clamp Coverr Monitor 32 Inc 4	RBCLI_FM-11-R1	1
12	Acrylic Monitor 32 Inc	RBCLI_FP-01-R0	1
13	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	12
14	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	12
15	Lock Washer M4 (Spring Washer) S/s	HF1075A	12
16	Paku Rivet Stainless Steel (Pop Rivet) 4.0 x 8mm	HF6021	16
17	Flange Nut M4 STAINLESS	HF1025A	17

A (1 : 2.5)

B (1 : 2)
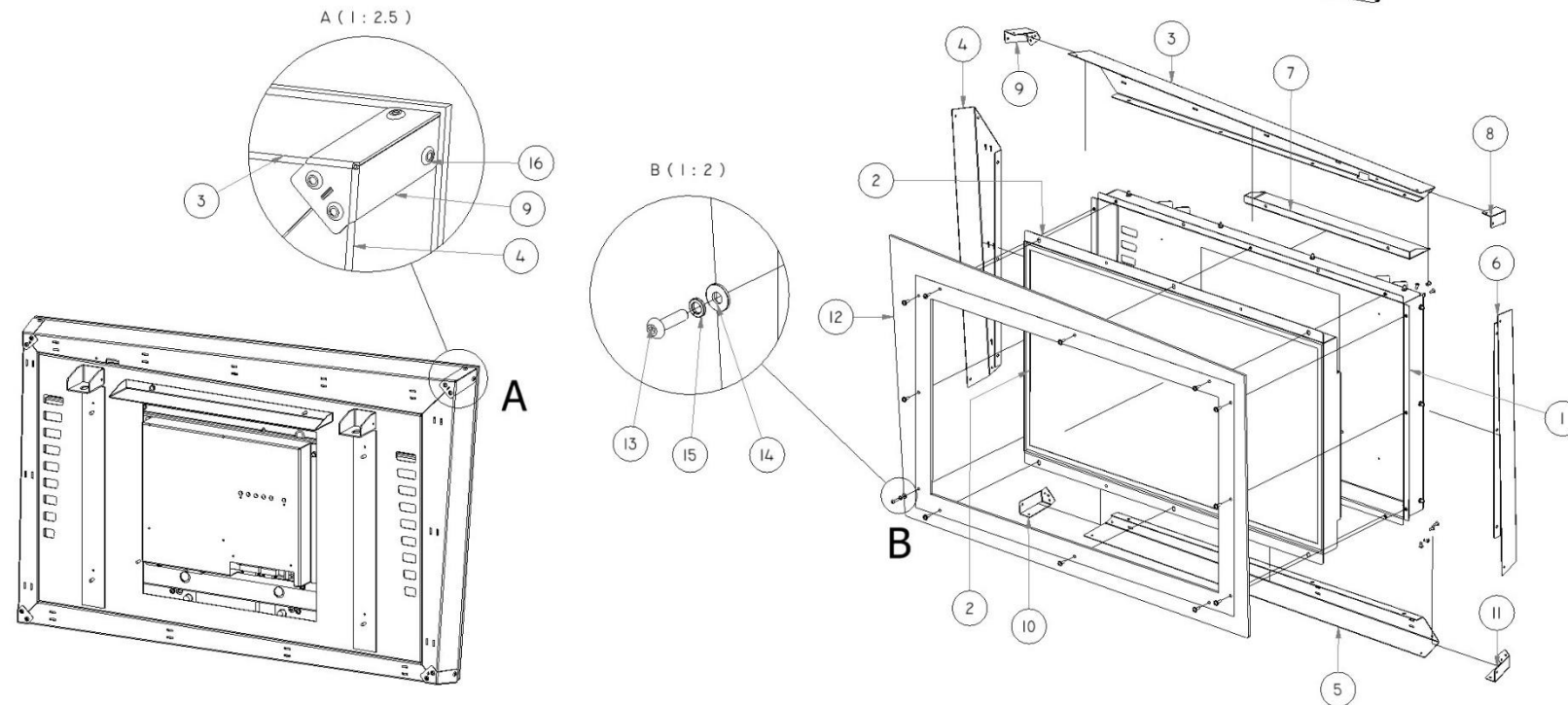
MONITOR ASSEMBLY MINI VERSION

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Frame Monitor Mini Rabbids	MRBI_FM-14-R0	1
2	Acrylic Monitor Rabbids	MRBI_FP-02-R0	1
3	LCD Yoo young 23 inc Full HD	LM230WF3	1
4	Clamp Monitor	MRBI_FM-12-R0	2
5	Flange Nut M4 STAINLESS	HF1025A	10

SEAT ASSEMBLY

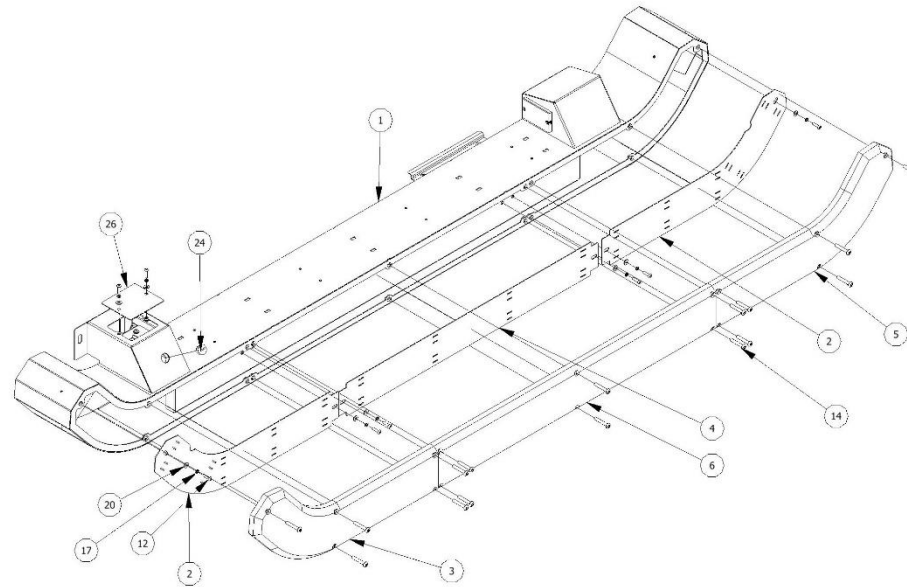| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Bracket Seat Seat SA	RB1_SA-43-R1	1
2	Support Seat SA	RB1_SA-57-R0	2
3	Rabbids Seat Blue Rev 5	HM0373	1
4	Speaker KYue KY-661 6.5"	KY661	2
5	Tweetwe KYue KY-661		
6	Spacer Speaker Seat	RB1_FP-17-R0	2
7	Cover Speaker Seat	RB1_FM-101-R0	2
8	2 Way Crossover KYue KY-661	EA1224C	2
9	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	8
10	HEX BOLT M10 x 20mm (Hex Head Bolt) STAINLESS	HF0846A	6
11	HEX BOLT M10 x 40mm (Hex Head Bolt) STAINLESS	HF0850A	8
12	Lock Washer M4 (Spring Washer) S/s	HF1075A	8
13	Lock Washer M10 (Spring Washer) STAINLESS	HF1079A	14
14	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	8
15	Plate Washer M10 (Flat Washer) S/s	HF1069A	18
16	Lock Nut M4 Stainless	HF1015A	4
17	Locknut M10	HF1019	4
18	Sekrup PH #6 x 1/2 Inci (Screw Pan Head Philips) STAINLESS	HF4642A	4

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LEFT SKI ASSEMBLY

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Playform Ski Board L SA	RB1_SA-19-L-R3	1
2	LED Bracket Ski 1	RB1_FM-84-R2	2
3	LED Bracket Ski 2	RB1_FM-85-R2	1
4	Acrylic Sky Board 1	RB1_FP-05-R1	1
5	Acrylic Sky Board 2	RB1_FP-06-R1	1
6	Acrylic Sky Board 3	RB1_FP-07-R1	1
7	Bracket Sensor Safety Lower	RB1_FM-111-R3	1
8	Acrylic Sensor Lower	RB1_FP-23-R2	1
9	12-24VDC NPN NO.NC rectangular diffuse photoelectric sensor with CE, 4000mm sensing range.	HRMR-S400NC R2M	1
10	Reflector – hard type, 65 mm x 45 mm	R65	1
11	BOLT JP M3 x 15mm (Machine Screw Pan Head Philips) Stainless	HF0305B	2
12	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	10
13	Baut BH Kunci L M4 x 30mm (Button Head Cap) STAINLESS	HF0408C	2
14	BOLT BH Kunci L M5 x 30mm (Button Head Cap) STAINLESS	HF0508C	16
15	BOLT Hex M6 x 15mm (Hex Head Bolt) STAINLESS	HF0645A	1
16	Lock Washer M3 (Spring Washer) S/s	HF1074A	2
17	Lock Washer M4 (Spring Washer) S/s	HF1075A	12
18	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	1
19	Plate Washer M3 (Flat Washer) STAINLESS	HF1064A	2
20	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	12
21	Plate Washer M6 (Flat Washer) S/s	HF1067D	1
23	Flange Nut M3 Stainless	HF1024A	2
24	Plastic Plug, White. M16x1.5mm	YDTPM16108	1
25	Hex Nut M4	HF1005	2
26	Cover Adjustment Safety Sensor	RB1_FM-133-R1	1

RIGHT SKI ASSEMBLY

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Playform Ski Board R SA	RB1_SA-19-R-R3	1
2	LED Bracket Ski 1	RB1_FM-84-R2	2
3	Acrylic Sky Board 1	RB1_FP-05-R1	1
4	LED Bracket Ski 2	RB1_FM-85-R2	1
5	Acrylic Sky Board 2	RB1_FP-06-R1	1
6	Acrylic Sky Board 3	RB1_FP-07-R1	1
7	Bracket Sensor Safety Lower	RB1_FM-111-R3	1
8	Acrylic Sensor Lower	RB1_FP-23-R2	1
9	12-24VDC NPN NO.NC rectangular diffuse photoelectric sensor with CE, 4000mm sensing range.	HRMR-S400NC R2M	1
10	Reflector – hard type, 65 mm x 45 mm	R65	1
11	BOLT JP M3 x 15mm (Machine Screw Pan Head Philips) Stainless	HF0305B	2
12	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	10
13	Baut BH Kunci L M4 x 30mm (Button Head Cap) STAINLESS	HF0408C	2
14	BOLT BH Kunci L M5 x 30mm (Button Head Cap) STAINLESS	HF0508C	16
15	BOLT Hex M6 x 15mm (Hex Head Bolt) STAINLESS	HF0645A	1
16	Lock Washer M3 (Spring Washer) S/s	HF1074A	2
17	Lock Washer M4 (Spring Washer) S/s	HF1075A	12
18	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	1
19	Plate Washer M3 (Flat Washer) STAINLESS	HF1064A	2
20	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	12
21	Plate Washer M6 (Flat Washer) S/s	HF1067D	1
23	Flange Nut M3 Stainless	HF1024A	2
24	Plastic Plug, White. M16x1.5mm	YDTPM16108	1
25	Hex Nut M4	HF1005	2
26	Cover Adjustment Safety Sensor	RB1_FM-133-R1	1

SLED ASSEMBLY

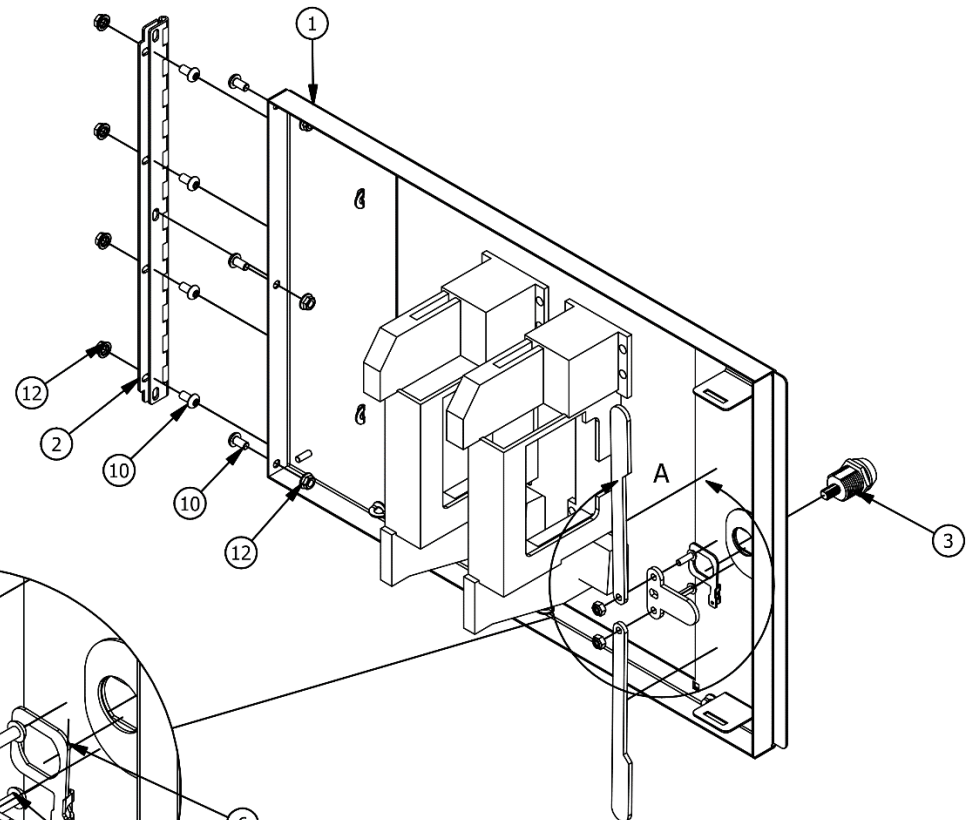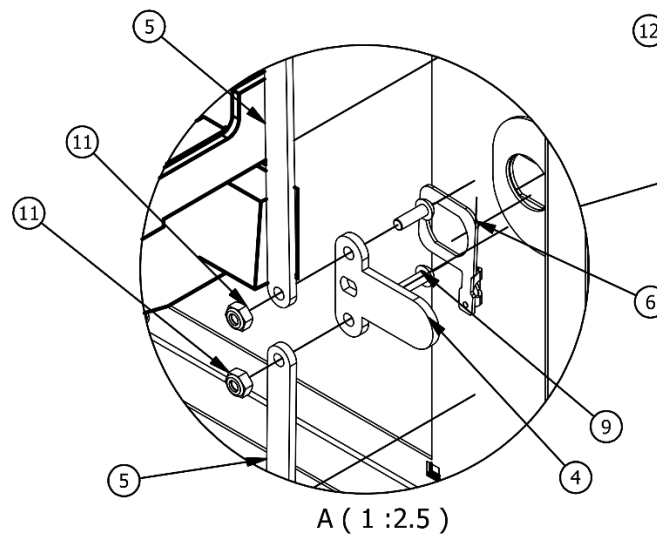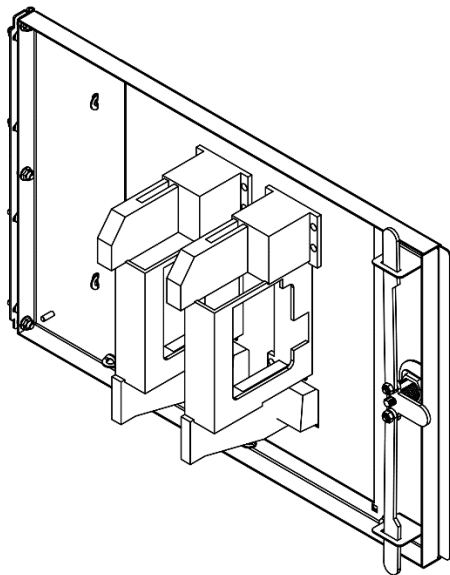| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Sled Main Frame SA	RB1_SA-25-R3	1
2	Sled Cover Assy	RB1_Assy-12-R3	1
3	Acrylic Milk Rabbid Logo	RB1_FP-11-R2	1
4	Box LED Logo	RB1_FM-77-R1	1
5	Bracket Blower Cover	RB1_FM-78-R2	8
6	Bracket Blower Fan L	RB1_FM-76-L-R1	1
7	Bracket Blower Fan R	RB1_FM-76-R-R1	1
8	Bracket Blower Fan Inside R	RB1_FM-106-R-R0	1
9	Bracket Blower Fan Inside L	RB1_FM-106-L-R0	1
10	Fan Size 200 mm 110-240V / Us plug / 710CFM / 75 W	SE-A200-PML	2
11	Box Mesh SA	RB1_SA-33-R1	1
12	Front Base Station Assy	RB1_Assy-16-R2	1
13	Short Fan Ducting Dia 200 mm Length 0.45 m/15 Pitch	FDPV_200A	2
14	long Fan Ducting Dia 200 mm Length 1.05 m/35 Pitch	FDPV_200B	2
15	Hose Clamp 8 Inc	HM0382	8
16	Bracket Cable Front	RB1_FM-64-R2	1
17	Bracket Conector Sled	RB1_FM-98-R2	1
18	Plastic Sled R	RB1_FP-12-R-R1	1
19	Plastic Sled L	RB1_FP-12-L-R1	1
20	Plastic Blower Cover R	RB1_FP-13-R-R2	1
21	Plastic Blower Cover L	RB1_FP-13-L-R2	1
22	Front Sled Support SA	RB1_SA-23-R2	1
23	Adjustable Chain Sled	RB1_FM-113-R0	2
24	Rubber Feet 16mm x 60 (Rubber Mounting)	HM3022	6
25	Insulator Spacer (Small) M6 x 4mm P/N. 891-540	EP0636	2
26	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	89
27	BOLT BH Kunci L M5 x 15mm (Button Head Cap) STAINLESS	HF0505B	10
28	BOLT Hex M5 x 20mm (Hex Head Bolt) STAINLESS	HF0546B	4
29	BOLT Hex M6 x 15mm (Hex Head Bolt) STAINLESS	HF0645A	8
30	Lock Washer M4 (Spring Washer) S/s	HF1075A	89
31	Lock Washer M5 (Spring Washer) STAINLESS	HF1076A	14
32	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	8
33	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	89
34	Plate Washer M5 (Flat Washer) STAINLESS	HF1066A	14
35	Plate Washer M6 (Flat Washer) S/s	HF1067D	8
36	Flange Nut M4 STAINLESS	HF1025A	57
37	Flange Nut M5 STAINLESS	HF1026A	8
38	Paku Rivet Stainless Steel (Pop Rivet) 4.0 x 8mm	HF6021	3
39	Rubber Edge Hardness 70, H:16.5mm,W:9mm, Gap:3.5mm, L:800mm	HC-E2045	2
40	Rubber Edge Glass 2 mm	HM2996B	2
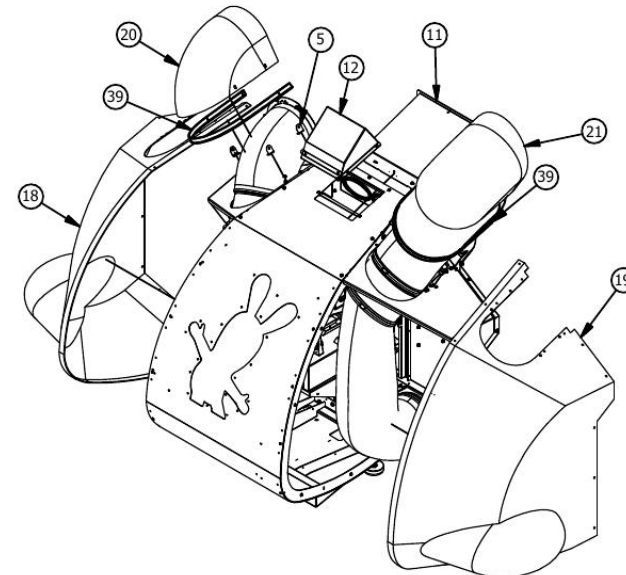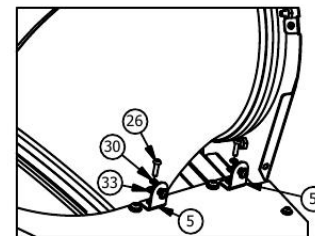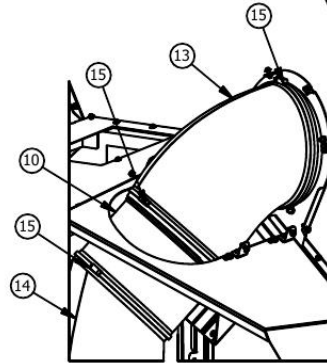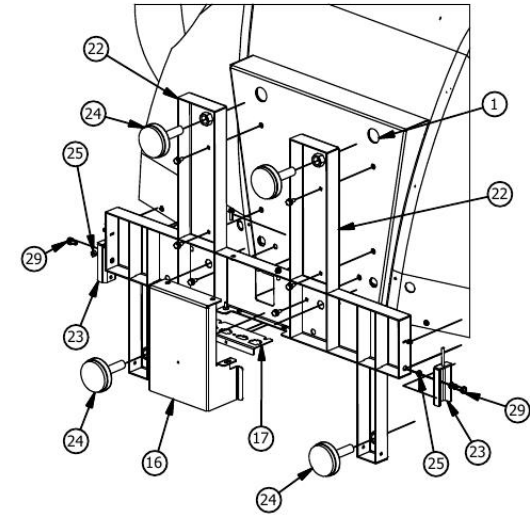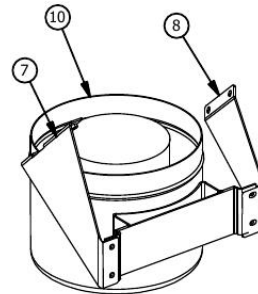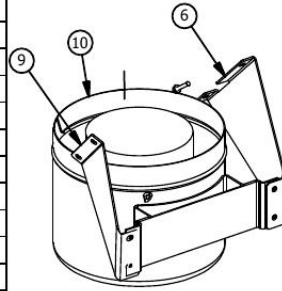
SLED COVER ASSEMBLY

ITEM	TITLE	PART NUMBER	QTY
	PARTS LIST		
1	Sled Main Cover SA	RB1_SA-26-R2	1
2	Sled Door Assy	RB1_Assy-13-R0	1
3	Hinge Coin Door Extention	RB1_FM-63-R0	1
4	Extention Coin Door	RB1_SA-62-R0	1
5	Housing Cash Box SA	RB1_SA-28-R0	1
6	Base Cash Box	RB1_FM-69-R1	1
7	Cash Box SA	RB1_SA-29-R0	1
8	Air Filter	RB1_FP-15-R0	2
9	Flexble House Holder R SA	RB_SA-42-R-R0	1
10	Flexble House Holder L SA	RB1_SA-42-L-R0	1
11	Locking Door	HM4033	1
12	Blank Plate Swipper	RB1_FM-95-R0	2
13	Coin Counter 12v Rear Mounting (Bracket)	EA 1252	2
14	BOLT JP M3 x 15mm (Machine Screw Pan Head Philips) Stainless	HF0305B	2
15	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	4
16	BOLT BH Kunci L M5 x 10mm (Button Head Cap) STAINLESS	HF0503B	7
17	BOLT BH Kunci L M5 x 15mm (Button Head Cap) STAINLESS	HF0505B	18
18	Lock Washer M3 (Spring Washer)	HF1074	2
19	Lock Washer M4 (Spring Washer) S/s	HF1075A	4
20	Lock Washer M5 (Spring Washer) STAINLESS	HF1076A	18
21	Plate Washer M3 (Flat Washer)	HF1064	2
22	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	4
23	Plate Washer M5 (Flat Washer) STAINLESS	HF1066A	18
24	Flange Nut M3 Stainless	HF1024A	2
25	Flange Nut M4 STAINLESS	HF1025A	20
26	Flange Nut M5 STAINLESS	HF1026A	13
27	Fan Grill Blower Ø 200 mm	RT220	4
28	Reflector – hard type, 120 mm x 80 mm	R120	1

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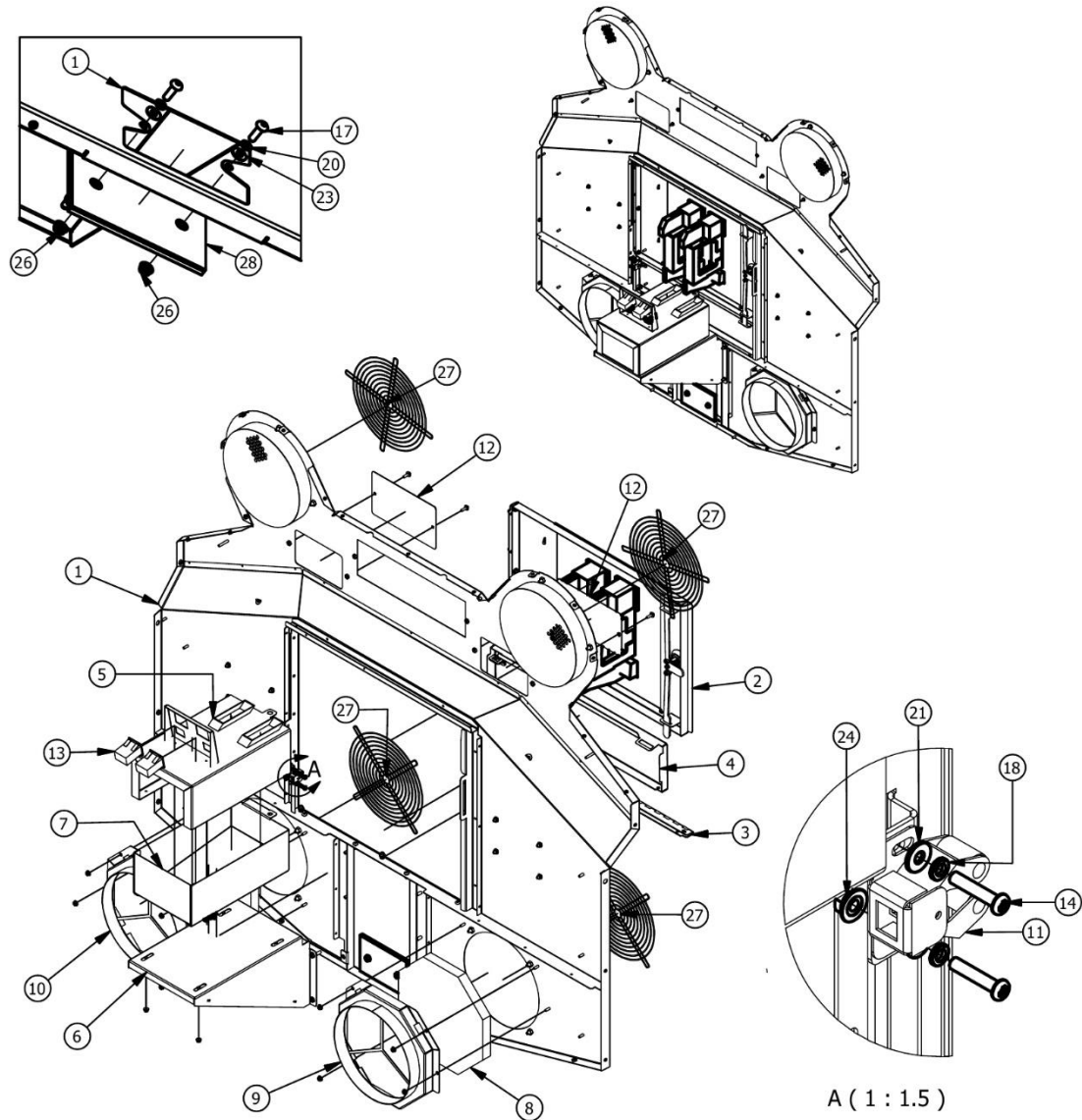
SLED COIN DOOR ASSEMBLY

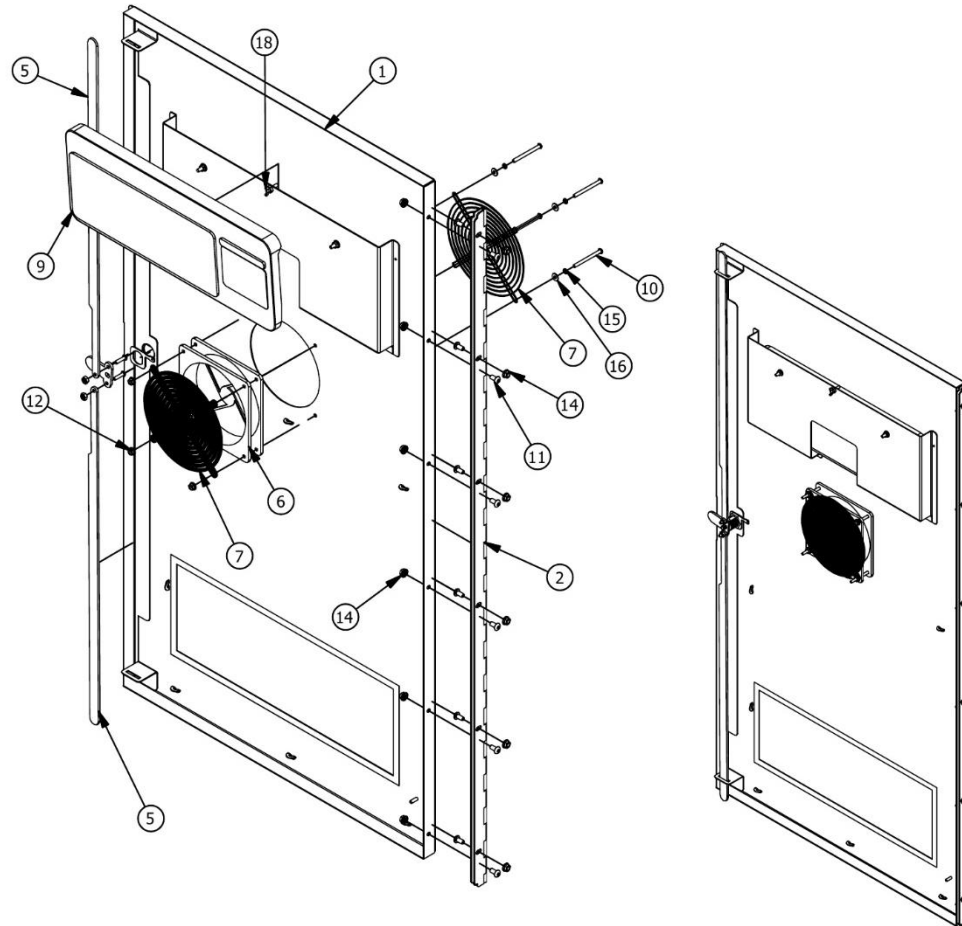| PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Coin Door SA	RB1_SA-27-R0	1
2	Hinge Coin Door	RB1_FM-73-R0	1
3	Kunci Lock Eangle (Lock and Key)	HM0004	1
4	Multi Point Cam	RB1_FM-49-R0	1
5	Multi Lock Plate 3	RB1_FM-52-R0	2
6	Plate Gounded	RB1_FM-94-R0	1
7	Plate Double Coin	RB1_FM-122-R0	1
8	Coin mechanism Holder Assy Single P/N. A07H02341000000	HA 0014	2
9	BOLT BH Kunci L M4 x 10mm (Button Head Cap) STAINLESS	HF0403B	2
10	BOLT BH Kunci L M5 x 10mm (Button Head Cap) STAINLESS	HF0503B	7
11	Lock Nut M4 Stainless	HF1015A	2
12	Flange Nut M5 STAINLESS	HF1026A	7

A (1 :2.5)

CASH BOX ASSEMBLY

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Base Cash Box	RBI_FM-69-RI	1
2	Cash Box SA	RBI_SA-29-R0	1
3	Housing Cash Box SA	RBI_SA-28-R0	1
4	Coin Counters 12v	EA 1252	2
6	Flange Nut M4 Stainless	HF1025A	4
7	Service Bracket	RBI_FM-28C-RI	1
8	2.36mm Diameter Pin and Socket Receptacle	03-09-1092	2
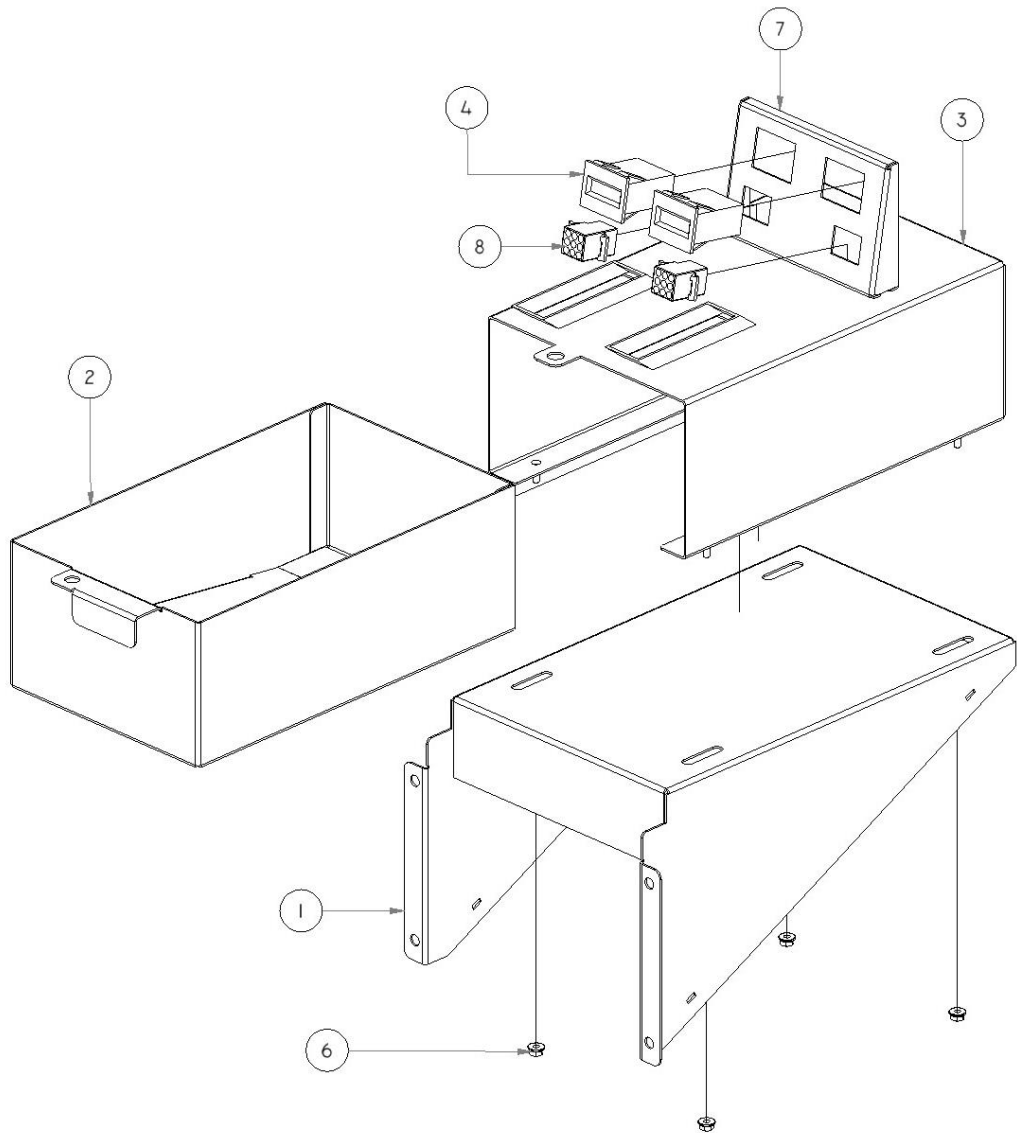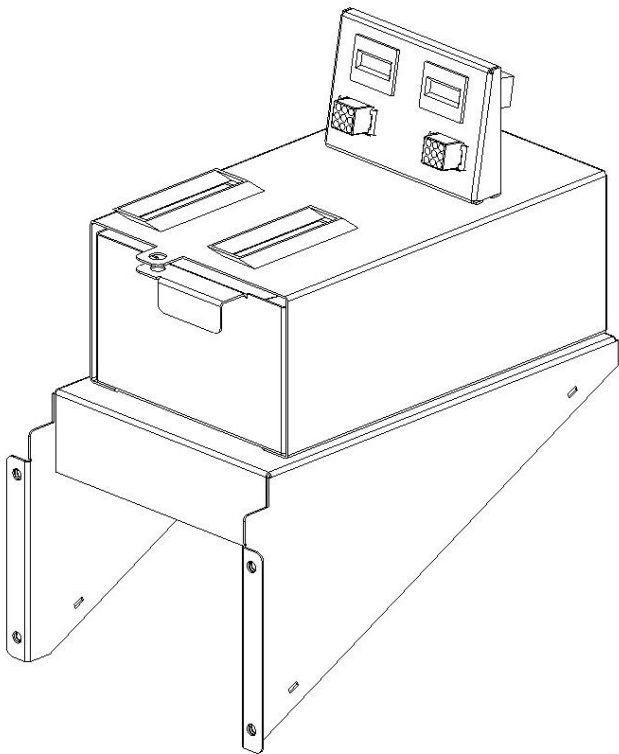
TOWER BACK DOOR 1 ASSEMBLY

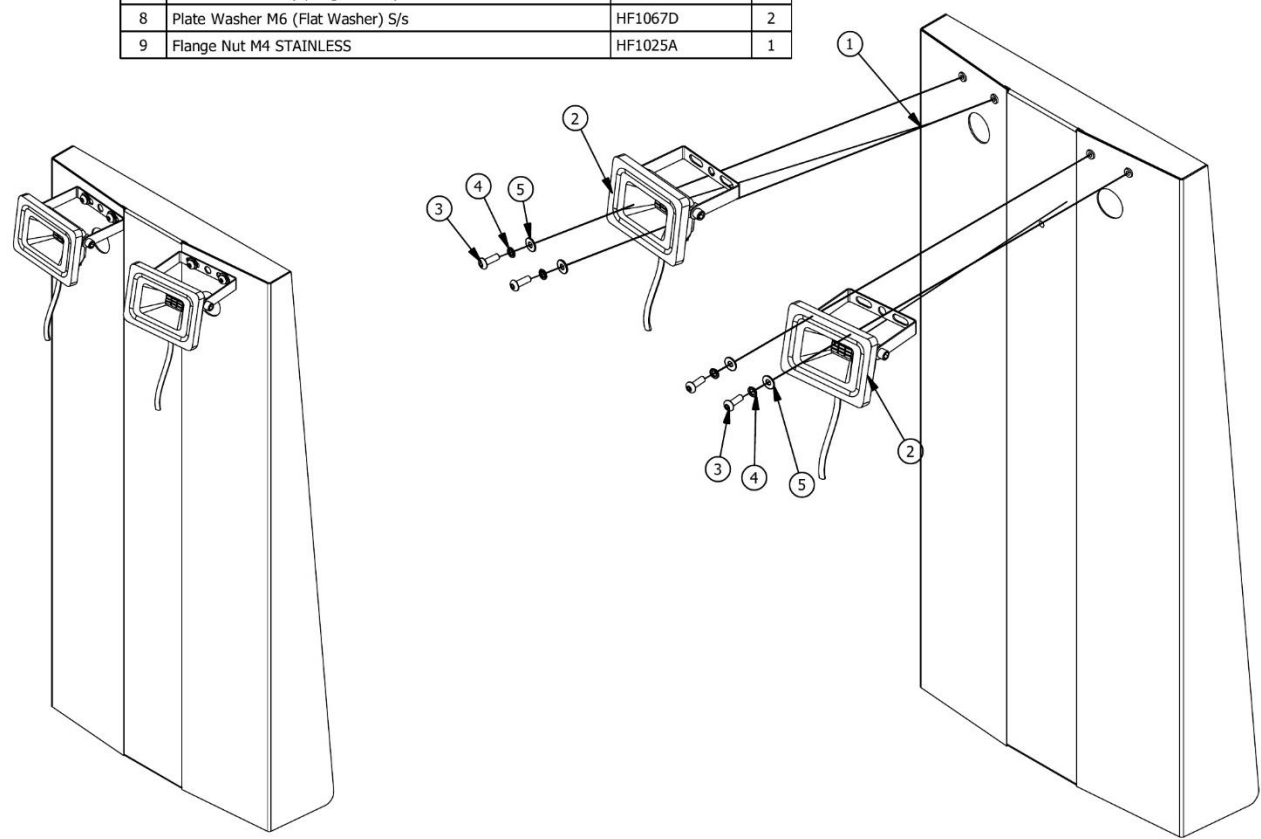| ITEM	TITLE	PART NUMBER	QTY
	PARTS LIST		
1	Back Door Main Panel 1 SA	RB1_SA-12-R1	1
2	Hinge Back Door Panel 1	RB1_FM-46-R0	1
3	Kunci Lock Eangle (Lock and Key)	HM0004	1
4	Multi Point Cam	RB1_FM-49-R0	1
5	Multi Lock Plate 1	RB1_FM-50-R0	2
6	DC Brushless Fan 12025 DC	EC12025M12S	1
7	Fan Grill 120 mm	HM0380	2
8	Plate Gounded	RB1_FM-94-R0	1
9	Keyboard Logitech K400 Plus TV	920-007165	1
10	Baut BH Kunci L M4 x 45mm (Button Head Cap) STAINLESS	HF0409A	4
11	BOLT BH Kunci L M5 x 10mm (Button Head Cap) STAINLESS	HF0503B	12
12	Flange Nut M4 STAINLESS	HF1025A	6
13	Lock Nut M4 Stainless	HF1015A	2
14	Flange Nut M5 STAINLESS	HF1026A	12
15	Lock Washer M4 (Spring Washer) S/s	HF1075A	4
16	Plate Washer M4 (Flat Washer) STAINLESS	HF1065B	4
17	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	2
18	Wing Bolt M4 x 15mm Ss	HF5066A	1
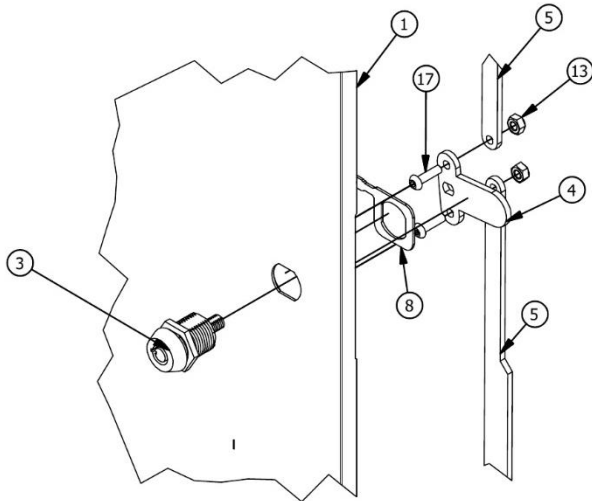
TOWER BACK DOOR 2 ASSEMBLY

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Back Door Main Panel 2 SA	RB1_SA-13-R1	1
2	Hinge Back Door Panel 2	RB1_FM-47-R0	1
3	Kunci Lock Eangle (Lock and Key)	HM0004	1
4	Multi Point Cam	RB1_FM-49-R0	1
5	Multi Lock Plate 2	RB1_FM-51-R0	2
6	Plate Gounded	RB1_FM-94-R0	1
7	Baut BH Kunci L M4 x 15mm (Button Head Cap) STAINLESS	HF0405B	2
8	BOLT BH Kunci L M5 x 10mm (Button Head Cap) STAINLESS	HF0503B	7
9	Lock Nut M4 Stainless	HF1015A	2
10	Flange Nut M4 STAINLESS	HF1025A	2
11	Flange Nut M5 STAINLESS	HF1026A	7

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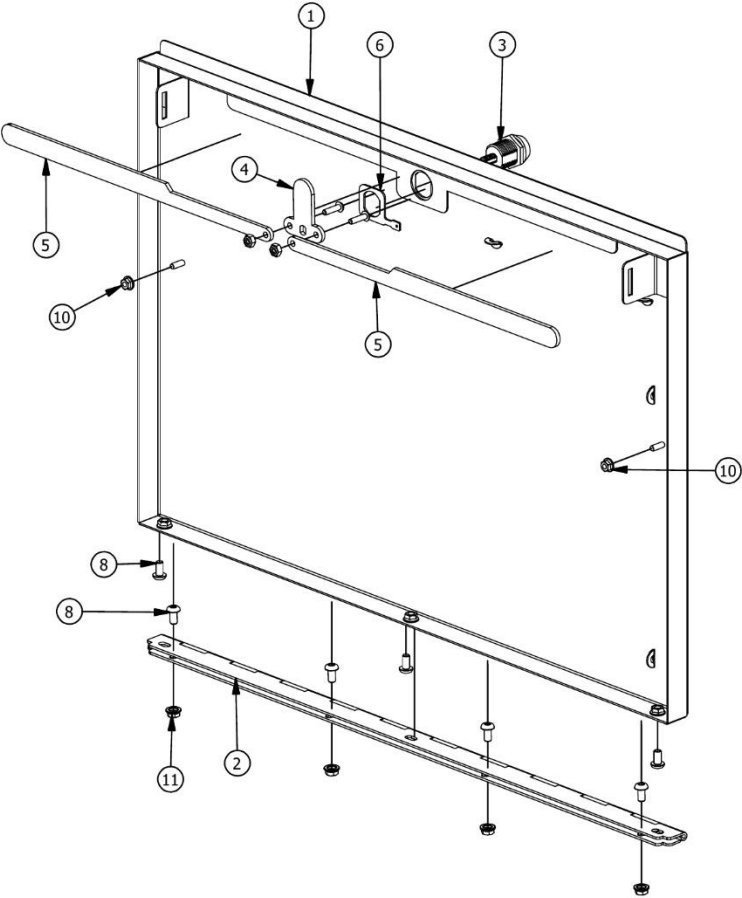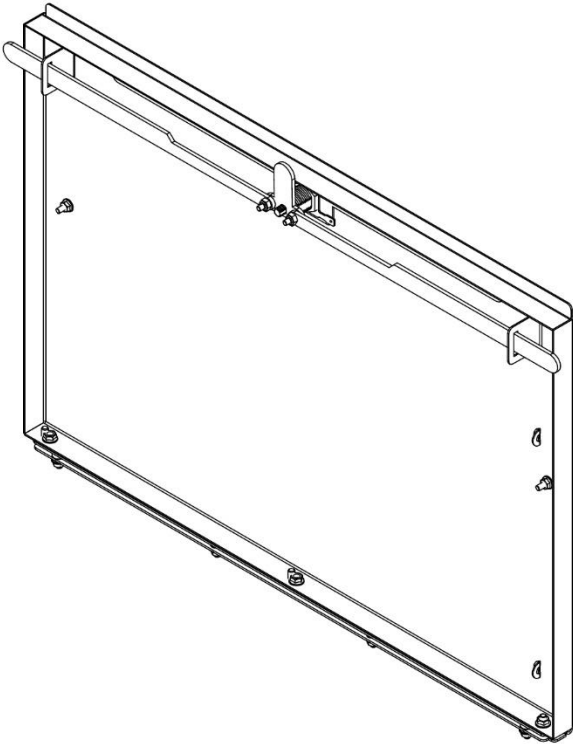
TOWER UPPER LED

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Bracket LED Header Monitor	RB1_FM-115-R0	1
2	Lampu Sorot/Floodlight 10 w dc 12-24 v ip65 LED	EA2033	2
3	BOLT BH Kunci L M5 x 15mm (Button Head Cap) STAINLESS	HF0505B	4
4	Lock Washer M5 (Spring Washer) STAINLESS	HF1076A	4
5	Plate Washer M5 (Flat Washer) STAINLESS	HF1066A	4
6	BOLT BH Kunci L M6 x 15mm (Button Head Cap) STAINLES	HF0605B	2
7	Lock Washer M6 (Spring Washer) STAINLESS	HF1077A	2
8	Plate Washer M6 (Flat Washer) S/s	HF1067D	2
9	Flange Nut M4 STAINLESS	HF1025A	1

HTC VIVE HEADSET ASSEMBLY

PARTS LIST			
ITEM	TITLE	PART NUMBER	QTY
1	Assy Headset Vive BE	RB1_Assy-38-R0	1
2	HTC Vive Cable Headset HDMI Assy	RB1_Assy-34-R12	1
3	Head Strap	LHM-230	1

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SLED COVER ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Sled Main Cover- COATED	RHD_FC-26A-R0	1
2	ASSY-Sled Coin Door	RHD_ASSY-13-R0	1
3	ASSY-Coin Door Extension	RHD_ASSY-43-R0	1
4	ASSY- Door Catch	RHD_ASSY-44-R0	1
5	ASSY-Cash Box	RHD_ASSY-47-R0	1
6	ASSY-Flexible House Holder L	RHD_ASSY-53-R0	1
7	ASSY-Flexible House Holder R	RHD_ASSY-54-R0	1
8	ASSY-Fan Grill, 200mm	RHD_ASSY-52-R0	4
9	ASSY-Card Reader Plate	RHD_ASSY-58-R0	2
10	ASSY-Safety Sensor Reflector 120 x 80	RHD_ASSY-117-R0	1
11	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	2
12	Button Head Socket Screw M4 x 15- Stainless	HF0405B	27
13	Button Head Socket Screw M5 x 15- Stainless	HF0505B	2
14	Spring Lock Washer M4- Stainless	HF1075A	27
15	Spring Lock Washer M5- Stainless	HF1076A	2
16	Flat Washer M4- Stainless	HF1065B	27
17	Flat Washer M5- Stainless	HF1066A	2
18	Flange Nut M5-Stainless	HF1026A	2
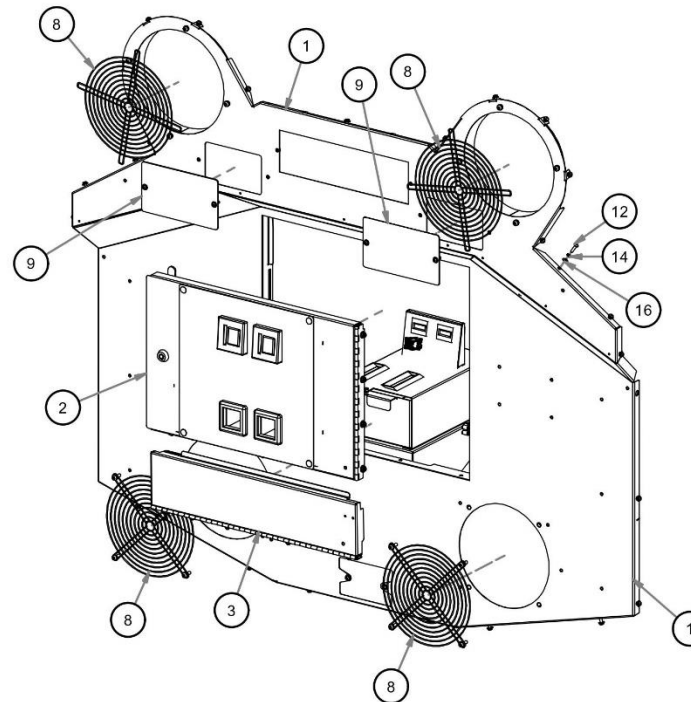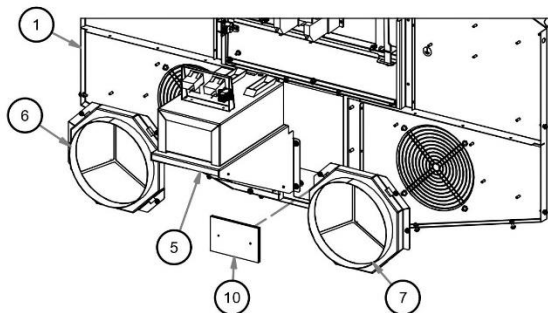
SLED BASE ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Front Sled Support Frame- COATED	RHD_FC-23-R0	1
2	ASSY-Cable Connector Bracket	RHD_ASSY-42-R0	1
3	ASSY-Adjustable Chain Bracket	RHD_ASSY-55-R0	2
4	ASSY- Sled Joint Plate	RHD_ASSY-46-R0	2
5	Leveling Feet M16 x 60	HM3022	6
6	Spring Lock Washer M6- Stainless	HF1077A	6
7	Flat Washer M6- Stainless	HF1067D	6
8	Hex Bolt M6 x 15- Stainless	HF0645A	6
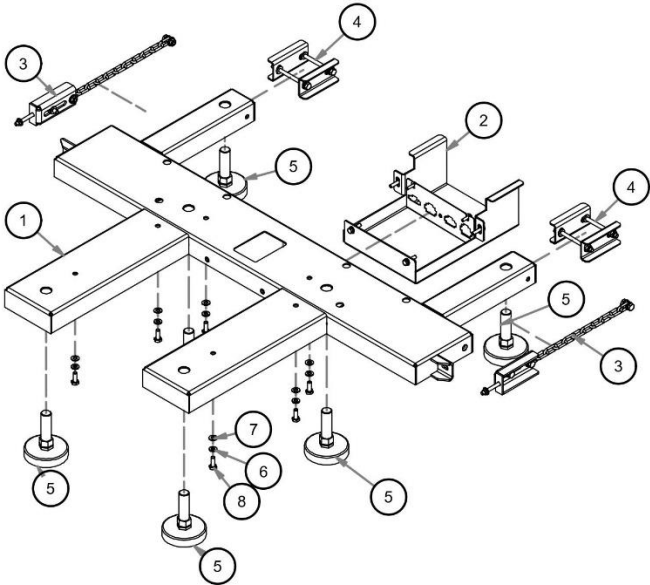
SLED JOINT PLATE ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Plate Join Sled- COATED	RHD_FC-114-R0	2
2	Insulation Spacer, M6 x 4	EP0636	4
3	Spring Lock Washer M6- Stainless	HF1077A	2
4	Flat Washer M6- Stainless	HF1067D	2
5	Hex Bolt M6 x75- Stainless	HF0657A	2
6	Lock Nut M6- Stainless	HF1017A	2
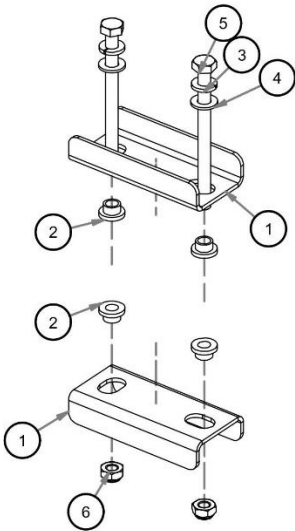
SLED CONNECTOR ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Bracket Cable Front- COATED	RHD_FC-64-R0	1
2	Bracket Connector Sled- COATED	RHD_FC-98-R0	1
3	Hex Bolt M5 x 20- Stainless	HF0546B	4
4	Button Head Socket Screw M4 x 15- Stainless	HF0405B	2
5	Spring Lock Washer M4- Stainless	HF1075A	2
6	Spring Lock Washer M5- Stainless	HF1076A	4
7	Flat Washer M4- Stainless	HF1065B	2
8	Flat Washer M5- Stainless	HF1066A	4
9	Flange Nut M4- Stainless	HF1025A	1
10	Connector Panel Label 2- STICKER	Sticker is a taken from a set under P/N RHD-PS-032-RX, consist of two types of sticker design	1
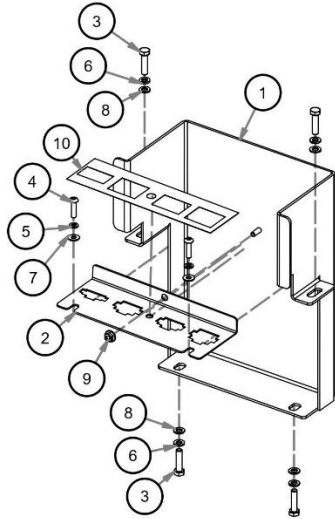
COIN DOOR ASSY

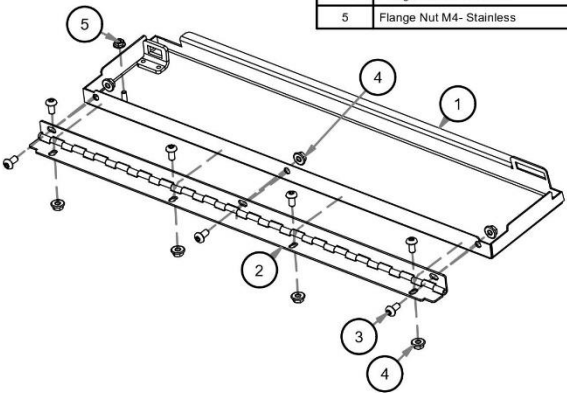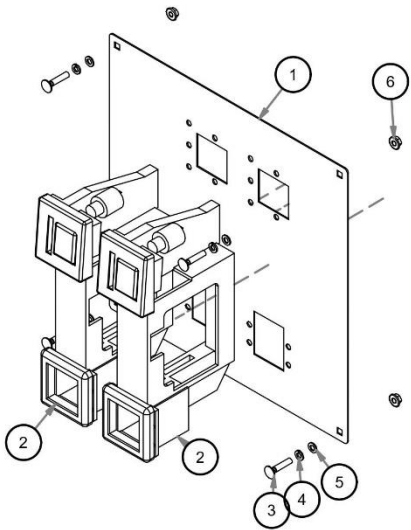| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Coin Door- COATED	RHD_FC-27-R0	1
2	ASSY-Double Coin Plate	RHD_ASSY-57-R0	1
3	Hinge Coin Door	RHD_FM-73-R0	1
4	Button Head Socket Screw M5 x 10- Stainless	HF0503B	7
5	Flange Nut M5-Stainless	HF1026A	7
6	Camlock TC802-M	Part is a taken from a set under manufacturer P/N HM0004 Camlock (1 pc), Key (2 pcs) and THIN NUT-M20 (1 pc)	1
7	Grounding Plate- COATED	RHD_FC-94-R0	1
8	Multi Point Cam- COATED	RHD_FC-49-R0	1
9	Multi Lock Plate 3- COATED	RHD_FC-52-R0	2
10	Button Head Socket Screw M4 x 10- Stainless	HF0403B	2
11	Lock Nut M4- Stainless	HF1015A	2
12	Flange Nut M4- Stainless	HF1025A	1
13	Safety Label [WARNING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
14	Safety Label [DANGER]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
15	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	2
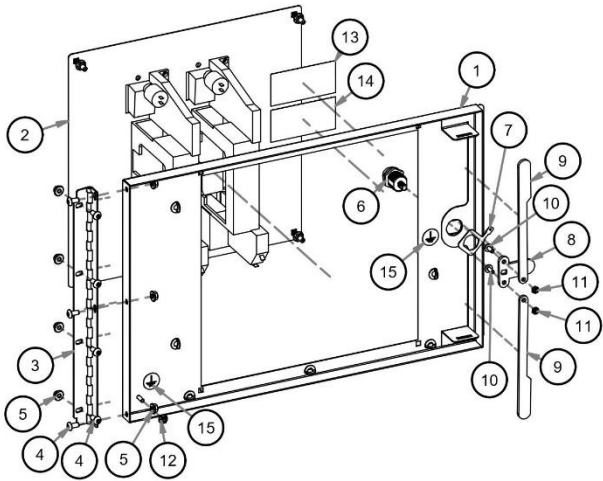
COIN DOOR EXT ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Coin Door Extension- COATED	RHD_FC-62-R0	1
2	Hinge Coin Door Extension	RHD_FM-63-R0	1
3	Button Head Socket Screw M5 x 10- Stainless	HF0503B	7
4	Flange Nut M5-Stainless	HF1026A	7
5	Flange Nut M4- Stainless	HF1025A	1

DOUBLE COIN PLATE ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Plate Double Coin- COATED	RHD_FC-122-R0	1
2	Coin Mechanism Holder Assembly	HA0014	2
3	Carriage Bolt M5 x 25- Stainless	HF6030A	4
4	Spring Lock Washer M5- Stainless	HF1076A	4
5	Flat Washer M5- Stainless	HF1066A	4
6	Flange Nut M5-Stainless	HF1026A	4

SLED LED ASSY

PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	QTY
1	Box LED Logo- COATED	RHD_FC-77-R0	1
2	Acrylic Milk Rabbid Logo-SILKSCREEN	RHD_SS-FP11-R0	1
3	Flange Nut M4- Stainless	HF1025A	25
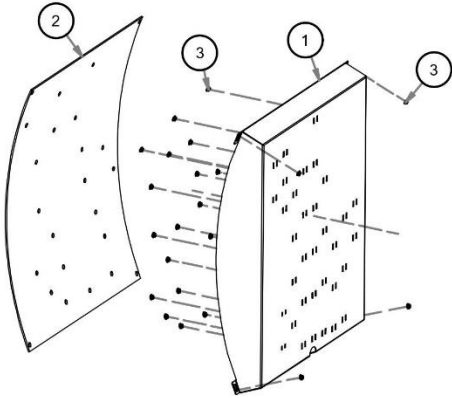
CASH BOX ASSY

PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	QTY
1	Base Cash Box- COATED	RHD_FC-69-R0	1
2	ASW-Cash Box- COATED	RHD_FC-29-R0	1
3	ASW-Housing Cash Box- COATED	RHD_FC-28A-R0	1
4	Coin Counter 12VDC panel mount COA126. GGY-Game	EA1263	2
5	Flange Nut M4- Stainless	HF1025A	4
6	Flange Nut M5-Stainless	HF1026A	4
7	Coin Counter Panel- STICKER	RHD-PS-025-RX	1
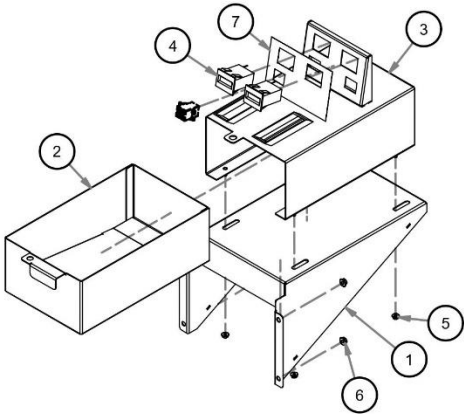
FRONT SLED BST ASSY

PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Camera Front Cover- COATED	RHD_FC-74-R0	1
2	Extension Cover Base Station- COATED	RHD_FC-86-R0	1
3	Camera Cover	RHD_FP-09-R0	1
4	ASSY-BaseStation, Sled	RHD_ASSY-106-R1	1
5	Button Head Socket Screw M4 x 15- Stainless	HF0405B	4
6	Spring Lock Washer M4- Stainless	HF1075A	4
7	Flat Washer M4- Stainless	HF1065B	4
8	Flange Nut M4- Stainless	HF1025A	4
9	Pop Rivet M4 x 8- Stainless	HF6021	2
10	LAI Ubisoft- STICKER	RHD-PS-019-RX	1
11	Base Station Channel [A]- STICKER	Sticker is a taken from a set under P/N RHD-PS-031-RX, consist of A and B type	1
12	3.5mm Jack Audio Cable Male to Female, 2.2Meters	EC2390	1

LEFT DUCT FAN ASSEMBLY

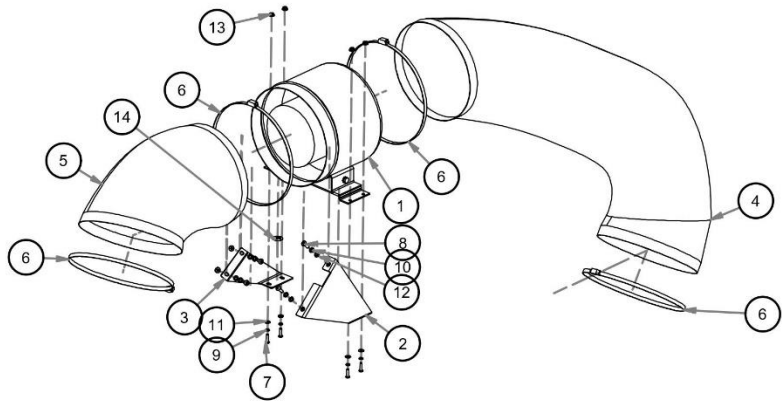| ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Duct Fan Mixed Flow Inline, 200mm, 110-220V, US plug, 710CFM, 75 W	EA1964	1
2	AS-Bracket Blower Fan, External R- COATED	RHD_FC-76-R-R0	1
3	Bracket Blower Fan, Internal R- COATED	RHD_FC-106-R-R0	1
4	Flexible Ducting, 8in, Long L (930mm)	HM0390	1
5	Flexible Ducting, 8in, Short L (340mm)	HM0390	1
6	Hose Clamp, 8in	HM0382	4
7	Button Head Socket Screw M4 x 15- Stainless	HF0405B	4
8	Button Head Socket Screw M5 x 15- Stainless	HF0505B	4
9	Spring Lock Washer M4- Stainless	HF1075A	4
10	Spring Lock Washer M5- Stainless	HF1076A	4
11	Flat Washer M4- Stainless	HF1065B	4
12	Flat Washer M5- Stainless	HF1066A	4
13	Flange Nut M4- Stainless	HF1025A	6
14	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1

RIGHT DUCT FAN ASSEMBLY

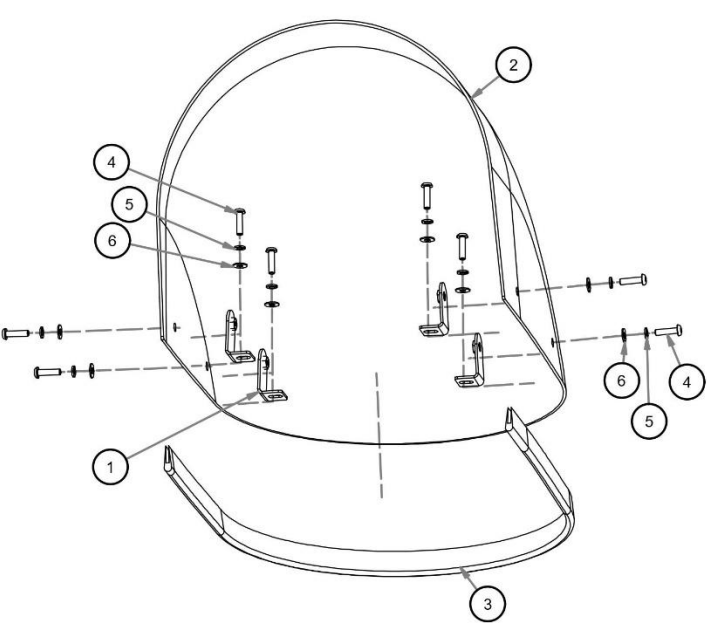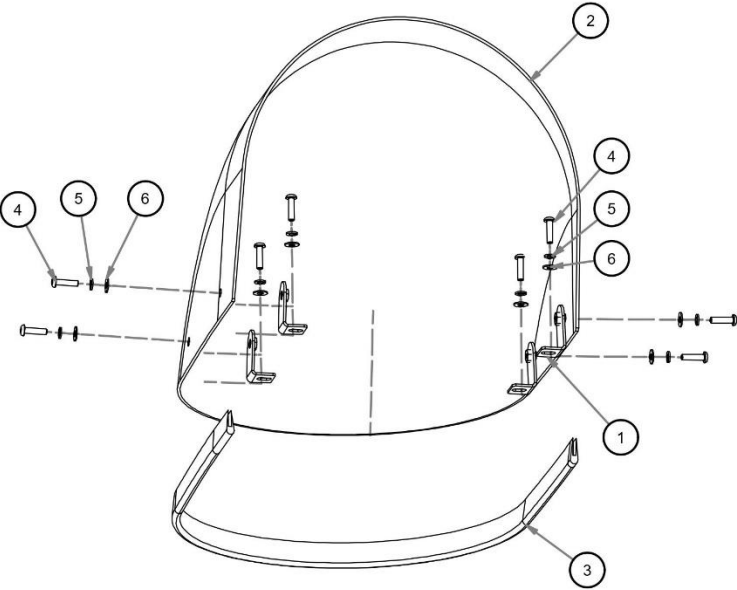| ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Duct Fan Mixed Flow Inline, 200mm, 110-220V, US plug, 710CFM, 75 W	EA1964	1
2	AS-Bracket Blower Fan, External L- COATED	RHD_FC-76-L-R0	1
3	Bracket Blower Fan, Internal L- COATED	RHD_FC-106-L-R0	1
4	Flexible Ducting, 8in, Long R (930mm)	HM0390	1
5	Flexible Ducting, 8in, Short R (340mm)	HM0390	1
6	Hose Clamp, 8in	HM0382	4
7	Button Head Socket Screw M4 x 15- Stainless	HF0405B	4
8	Button Head Socket Screw M5 x 15- Stainless	HF0505B	4
9	Spring Lock Washer M4- Stainless	HF1075A	4
10	Spring Lock Washer M5- Stainless	HF1076A	4
11	Flat Washer M4- Stainless	HF1065B	4
12	Flat Washer M5- Stainless	HF1066A	4
13	Flange Nut M4- Stainless	HF1025A	6
14	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1

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LEFT BLOWER COVER ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Bracket Blower Cover- COATED	RHD_FC-78-R0	4
2	Blower Cover L-SILKSCREEN	RHD_SS-FP13-L-R0	1
3	Rubber Edging, Hardness 70, H-16.5mm,W-9mm, Gap-3.5mm, Shore A (740mm)	HM0453	1
4	Button Head Socket Screw M4 x 15- Stainless	HF0405B	8
5	Spring Lock Washer M4- Stainless	HF1075A	8
6	Flat Washer M4- Stainless	HF1065B	8

RIGHT BLOWER COVER ASSY

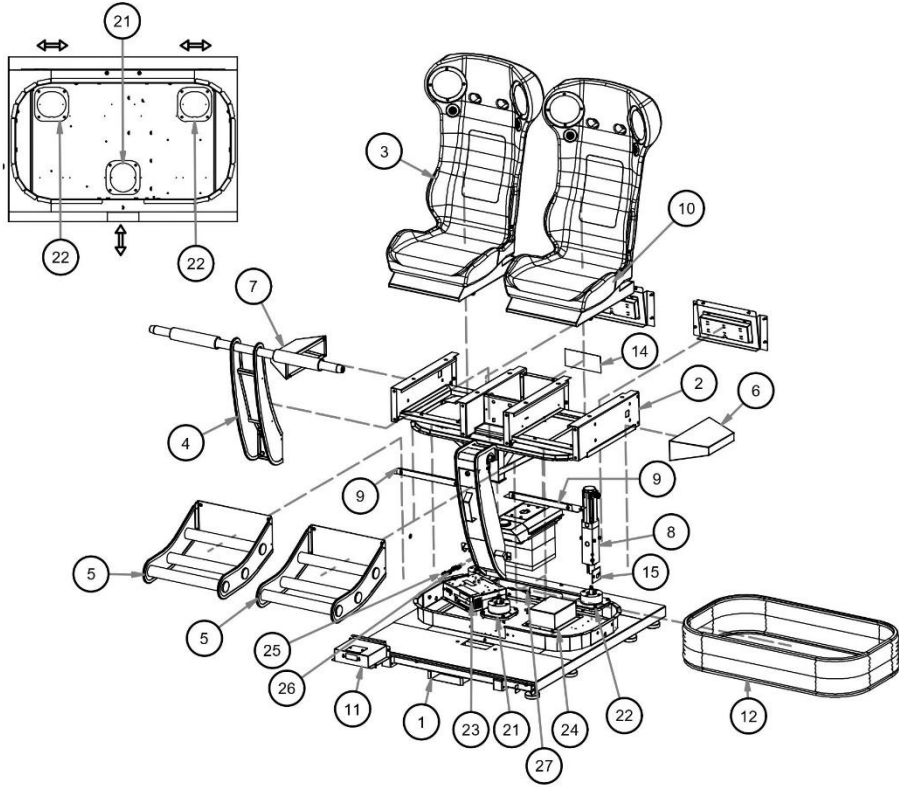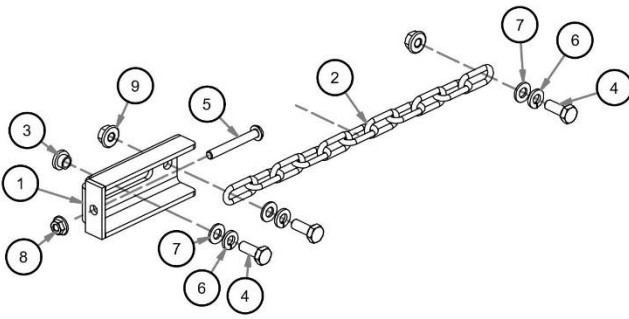| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Bracket Blower Cover- COATED	RHD_FC-78-R0	4
2	Blower Cover R-SILKSCREEN	RHD_SS-FP13-R-R0	1
3	Rubber Edging, Hardness 70, H-16.5mm,W-9mm, Gap-3.5mm, Shore A (740mm)	HM0453	1
4	Button Head Socket Screw M4 x 15- Stainless	HF0405B	8
5	Spring Lock Washer M4- Stainless	HF1075A	8
6	Flat Washer M4- Stainless	HF1065B	8

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MOTION BASE ASSEMBLY

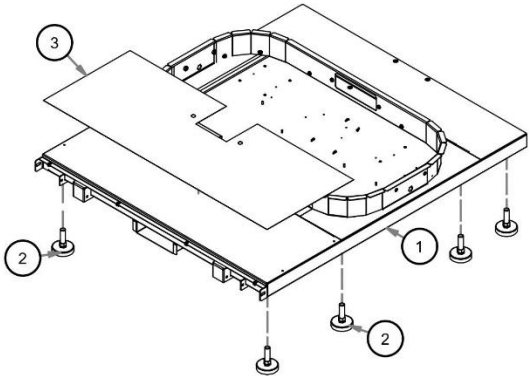| ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	ASSY-Rabbids Motion Base Platform	RHD_ASSY-70-R2	1
2	ASW-Base Dynamic Frame- COATED	RHD_FC-1-R0	1
3	ASSY-Rabbids Seat	RHD_ASSY-14-R0	2
4	ASSY-Rabbids Player Handle	RHD_ASSY-59-R0	1
5	ASSY-Rabbids FootRest	RHD_ASSY-60-R0	2
6	ASSY-Wing Motion L	RHD_ASSY-108-R0	1
7	ASSY-Wing Motion R	RHD_ASSY-109-R0	1
8	ASSY-Actuator Gen III	RHD_ASSY-66-R2	2
9	ASSY-Cover Motion Base 1	RHD_ASSY-64-R0	2
10	ASSY-Cover Motion Base 2	RHD_ASSY-65-R0	2
11	ASSY-Platform Base Safety Sensor	RHD_ASSY-69-R1	1
12	Rubber Accordion Seals, ED-5389 (2.62 Meters)	HM0386	1
13	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	3
14	Motion Base Warning Sign- STICKER	RHD-PS-015-RX	1
15	Shim Plate Actuator	RHD_FM-136-R0	20
16	ASSY-Emergency Button Wipes Box	HKRB_ASSY-02-R0	1
17	ASSY-Bin Wipes Main Kit	HKRB_ASSY-01-R0	1
18	PU Foam, Thick	HKRB_FP-02A-R1	2
19	PU Foam, Thin	HKRB_FP-03-R0	1
20	PU Foam, Thick cut out	HKRB_FP-02B-R1	2
21	ASSY-Rotule Front	RHD_ASSY-31-R2	1
22	ASSY-Rotule Rear	RHD_ASSY-62-R2	2
23	ASSY-Actuator Controller Box Gen III	RHD_ASSY-67-R1	1
24	ASSY-Actuator Power Supply (Only needed for 230V regions)	RHD_ASSY-68-R1	1
25	RJ45 Cat5e LAN Cable-0,5Meters, D-Box	SEE REMARK	1
26	RJ45 Cat5e LAN Cable-3Meters, D-Box	SEE REMARK	1
27	3.5mm Jack Audio Cable Male to Male, 2.2 Meters	EC2391	1

ADJUSTMENT CHAIN ASSY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Adjustable Chain Sled- COATED	RHD_FC-113-R0	1
2	Chain-Black, Steel (Wire Ø5mm)	HM1412A	1
3	Insulation Spacer, M6 x 4	EP0636	1
4	Hex Bolt M6 x 15- Stainless	HF0645A	3
5	Button Head Socket Screw M5 x 40- Stainless	HF0509B	1
6	Spring Lock Washer M6- Stainless	HF1077A	3
7	Flat Washer M6- Stainless	HF1067D	3
8	Flange Nut M5-Stainless	HF1026A	1
9	Flange Nut M6-Stainless	HF1027A	2

PLATFORM BASE SAFETY SENSOR ASSEMBLY

	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Cover Cable Platform- COATED	RHD_FC-36-R0	1
2	ASSY-Cover Adjustment Safety Sensor(BLUE)	RHD_ASSY-115-R0	1
3	ASSY-Safety Sensor+Bracket	RHD_ASSY-105-R1	1
4	Plastic Threaded Plug, White, M16 x 1.5	HF5104	1
5	Button Head Socket Screw M5 x 15-Stainless	HF0505B	4
6	Spring Lock Washer M5- Stainless	HF1076A	4
7	Flat Washer M5- Stainless	HF1066A	4

PLATFORM MOTION BASE ASSEMBLY

	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Base Static Platform- COATED	RHD_FC-2-R0	1
2	Leveling Feet M16 x 60	HM3022	8
3	Platform- STICKER	Sticker is a taken from a set under P/N RHD-PS-004-RX, consist of two types of sticker design	1
4	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1

COVER MOTION BASE 2 ASSEMBLY

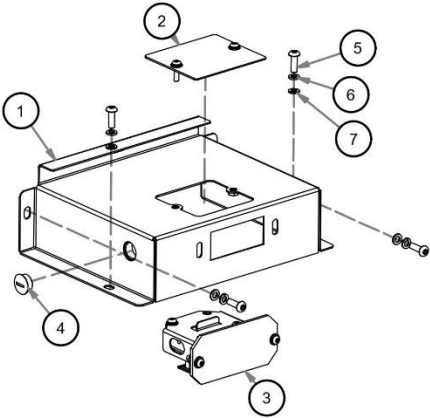|	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Cover Motion Base 2- COATED	RHD_FC-31-R0	1
2	Base Seat Plastic	RHD_FP-14-R0	1
3	Light Box Under Seat- COATED	RHD_FC-81-R0	1
4	Flange Nut M4- Stainless	HF1025A	4
5	Button Head Socket Screw M6 x 15-Stainless	HF0605B	6
6	Spring Lock Washer M6- Stainless	HF1077A	6
7	Flat Washer M6- Stainless	HF1067D	6

REMARKS :

Part List Number 9 &10 as 1 set under Description
"2400i-3 (120V), SPlit Motion Actuator" Consist of 2x Actuator, 1x ACM
Controller Box, 1x PS Actuator AC231, 1x Cat5e 3meters, 1x Cat5e
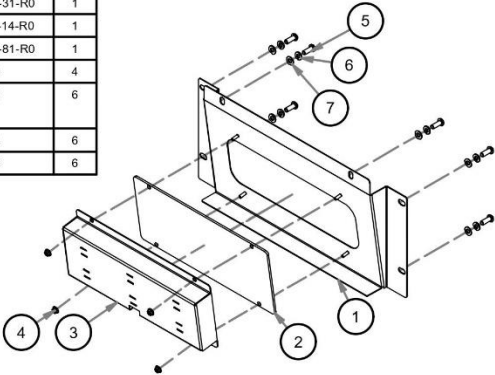0.5meters, 8x Lock Washer and 8x Hex Bolt"
(SCM p/n: LEA 439)

HANDLE PLAYER ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	ASW-Player Handle Main- COATED	RHD_FC-4-R0	1
2	Rubber Tip Protector	HM0374	2
3	Edge Trim, Series 100, Aluminium, Black, Leather, 3/32" thickness (1.34 Meters)		2
4	Silicon Black Shore 45A (Id ; Ø 36 mm, Od ; Ø 57 mm, L ; 250 mm)	HM0388A	2
5	Grounding Plate M10- COATED	RHD_FC-93-R0	1
6	Knock Down Bolt M6x30- Stainless	HF0688B	2
7	Lock Nut M10- Stainless	HF1019A	4
9	Hygiene Kit Instruction- STICKER	RHD-PS-049-RX	1

FOOTREST ASSEMBLY

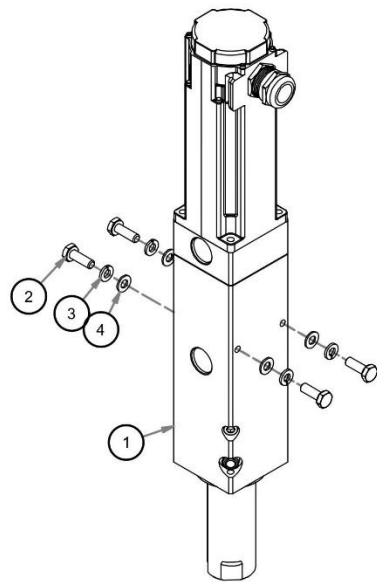| ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	ASW-Player Foot Rest- COATED	RHD_FC-3-R0	1
2	Edge Trim, Series 100, Aluminium, Black, Leather, 3/32" thickness (1.19 Meters)		2
3	Plastic Cap, 2inches	EC-P020	6
4	Button Head Socket Screw M6 x 15- Stainless	HF0605B	4
5	Spring Lock Washer M6- Stainless	HF1077A	4
6	Flat Washer M6- Stainless	HF1067D	4
7	Flange Nut M4- Stainless	HF1025A	1
8	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
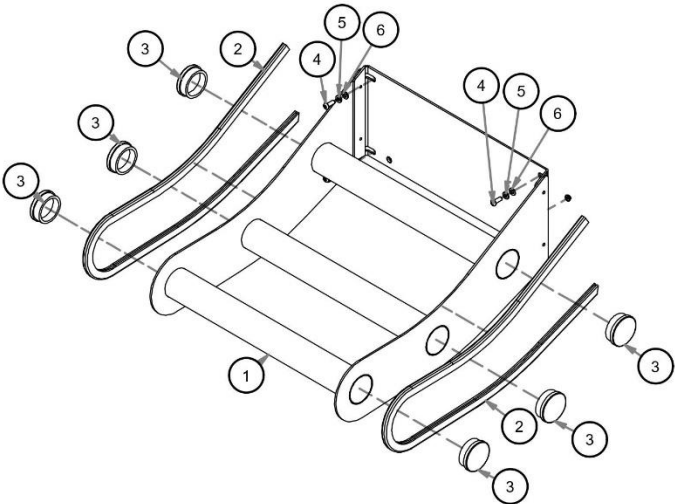
ACTUATOR GEN III ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Actuator, MEC AC231wo TIP-Motor 400Lbs-63" G3	LEA-450	1
2	D-Box Hex Bolt 1/4 x 3/4 -20UNC, Grade 5 Steel	SEE REMARKS	4
3	D-Box Spring Washer, M6, Stainless	SEE REMARK	4
4	Flat Washer M6- Stainless	HF1067D	4

CONTROL BOX GEN III ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ACM OEM G3 Controller Box, 120V	LEA-453	1
2	Flange Nut M4- Stainless	HF1025A	4

POWER SUPPLY DBOX ASSEMBLY

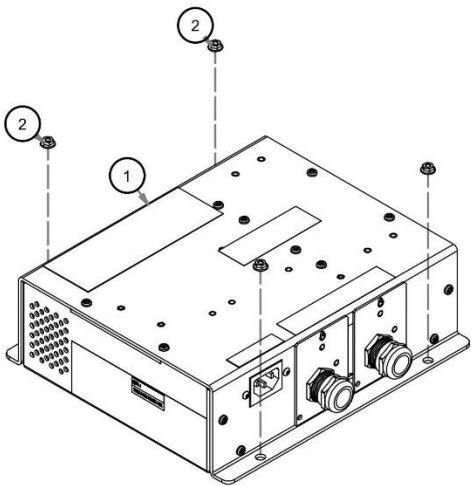| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ACM Transformer 230S-V2-500VA	LEA-272	1
2	Flange Nut M4- Stainless	HF1025A	4

REMARKS

Part List Number 2 & 3 as 1 set under Description
"2400i-3 G3 120V - AC231ABSwoTIP 24D M ACM-OEM-G3 2B 63"
ACTUATOR SET
(Complete set with 2 pcs G3 actuator assemblies & 1 pc ACM 120V)"
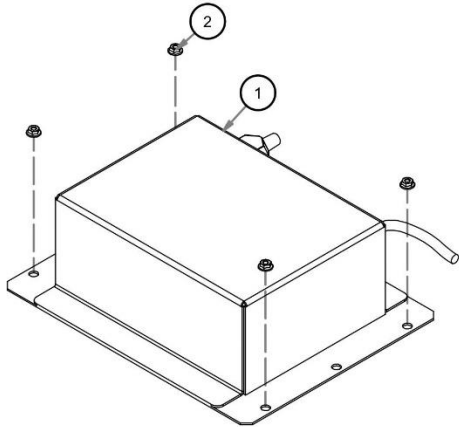(SCM p/n: LEA 439)

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FRONT ROTULE ASSEMBLY

PARTS LIST

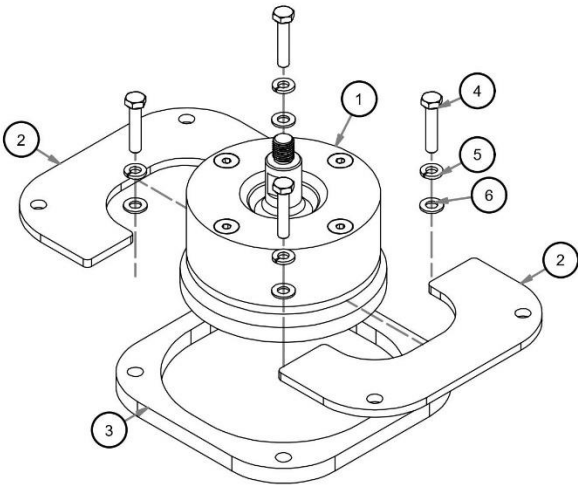| ITEM	DESCRIPTION	PART NUMBER	QTY
1	Rotule Compacte, OEM, without Ball Joint	SEE REMARK	1
2	Rotule Retainer	SEE REMARK	2
3	Rotule Spacer	SEE REMARK	1
4	Hex Bolt M6 x 30, Grade 5 Steel	HF0648B	4
5	Spring Lock Washer M6- Stainless	HF1077A	4
6	Flat Washer M6- Stainless	HF1067D	4
7	Rotule Shaft Ball Joint, OEM	RB1_FS-198-R9	1
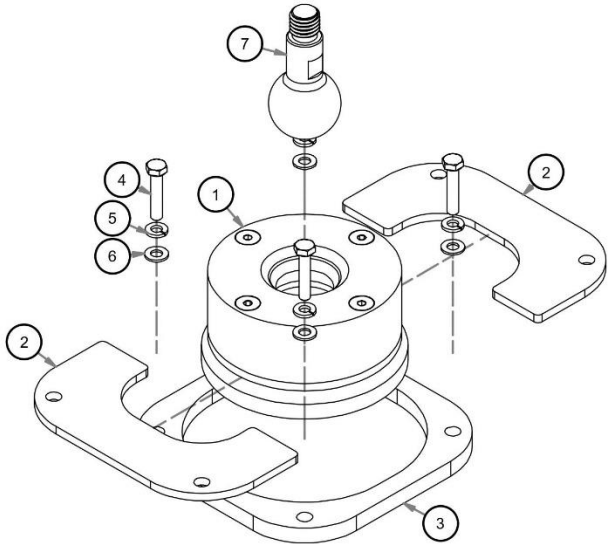
REMARKS :

Part List Number 1, 2 & 3 as 1 set under Description
"Rotule OEM Without Ball Join , OEM
(1 Pc Rotule W/Spacer & W/Retainer, but W/o Ball Joint)"
(SCM P/n: LEA 441)"

REAR ROTULE ASSEMBLY

PARTS LIST

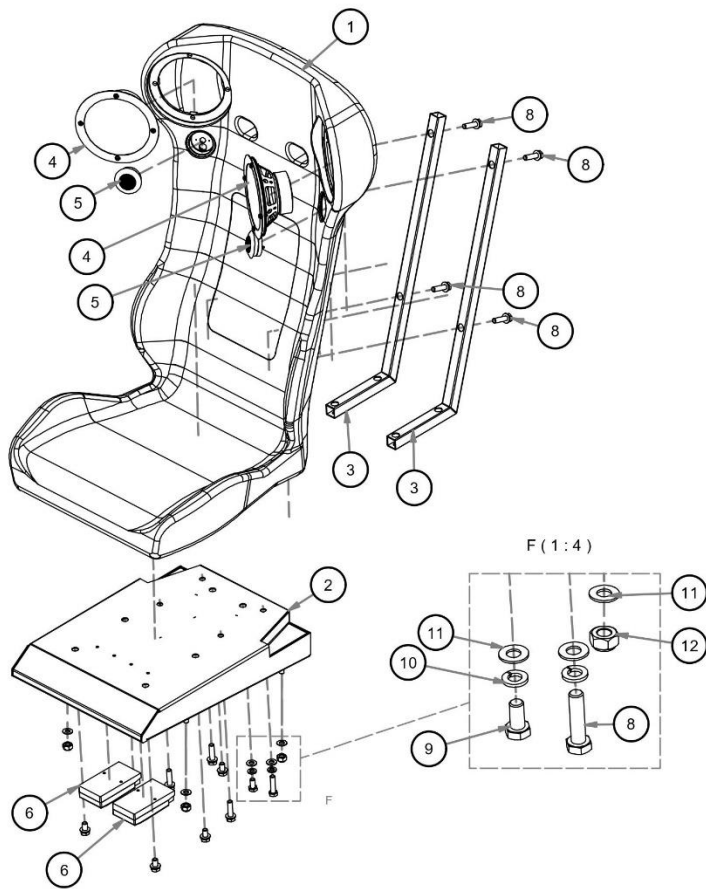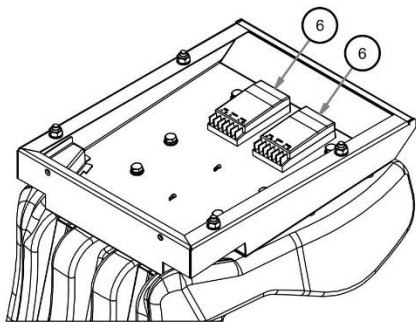| ITEM	DESCRIPTION	PART NUMBER	QTY
1	Rotule Compacte, OEM-Lite, 7/16-20" Thread	SEE REMARK	1
2	Rotule Retainer	SEE REMARK	2
3	Rotule Spacer	SEE REMARK	1
4	Hex Bolt M6 x 30, Grade 5 Steel	HF0648B	4
5	Spring Lock Washer M6- Stainless	HF1077A	4
6	Flat Washer M6- Stainless	HF1067D	4

REMARKS :

Part List Number 1, 2 & 3 as 1 set under Description
"Rotule Compact, OEM-Lite (7/16-20 Thread)(1 Pc Rotule W/Spacer,
W/Retainer & W/Ball Joint)"
(SCM P/n: LEA 442)

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SEAT ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Rabbid Seat_R5	HM0373	1
2	ASW-Bracket Seat- COATED	RHD_FC-43-R0	1
3	ASW-Seat Support- COATED	RHD_FC-57-R0	2
4	ASSY-Speaker	RHD_ASSY-71-R0	2
5	ASSY-Tweeter	RHD_ASSY-73-R0	2
6	ASSY-Speaker CrossOver	RHD_ASSY-72-R0	2
7	Safety Warning Sign- STICKER	RHD-PS-026-RX	1
8	Hex Bolt M10 x 40- Stainless	HF0850A	8
9	Hex Bolt M10 x 20- Stainless	HF0846A	6
10	Spring Lock Washer M10- Stainless	HF1079A	14
11	Flat Washer M10- Stainless	HF1069A	18
12	Lock Nut M10- Stainless	HF1019A	4

F (1 : 4)

SPEAKER ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Speaker KYue KY-661 6.5" 2-Way 4 Ohm120 Watt Black	EA1224	1
2	ASW-Cover Speaker Seat- COATED	RHD_FC-101-R0	1
3	Spacer Speaker Seat	RHD_FP-17-R0	1
4	Button Head Socket Screw M4 x 15- Stainless	HF0405B	4
5	Spring Lock Washer M4- Stainless	HF1075A	4
6	Flat Washer M4- Stainless	HF1065B	4
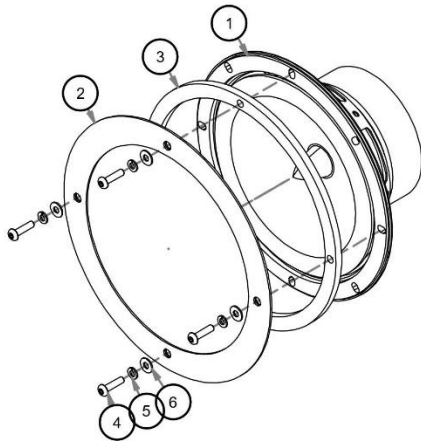
CROSSOVER ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Speaker_CrossOver_KY-661	EA1224	1
2	Flange Nut M4- Stainless	HF1025A	2
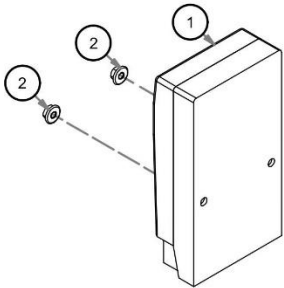
TWEETER ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Tweeter_KY-661	EA1224	1
2	Pan Head Phillips Screw #6 x 1/2"- Stainless	HF4642A	2
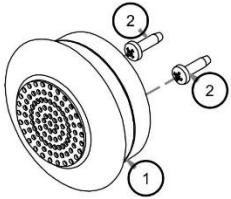
147

RIGHT FLEXIABLE HOLDER ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Flexible House Holder R- COATED	RHD_FC-42A-R-R0	1
2	Air Filter, Carbon, 20mm Thk, 15 ppi	RHD_FP-15-R0	1
3	Flange Nut M4- Stainless	HF1025A	4
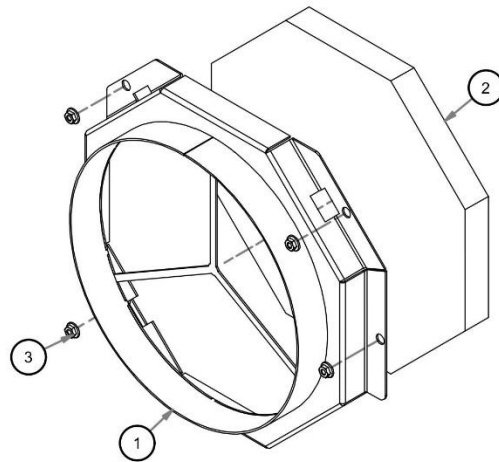
LEFT FLEXIABLE HOLDER ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Flexible House Holder L- COATED	RHD_FC-42A-L-R0	1
2	Air Filter, Carbon, 20mm Thk, 15 ppi	RHD_FP-15-R0	1
3	Flange Nut M4- Stainless	HF1025A	4
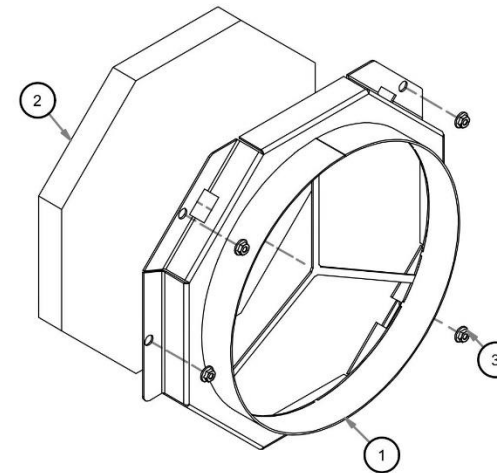
FAN GRILL 200mm ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Fan Cover Grill Ø200mm	HM0379	1
2	Button Head Socket Screw M5 x 15- Stainless	HF0505B	4
3	Spring Lock Washer M5- Stainless	HF1076A	4
4	Flat Washer M5- Stainless	HF1066A	4

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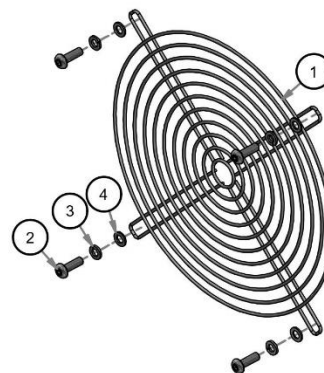
MAIN TOWER ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	ASSY-Tower Main Base	RHD_ASSY-15-R4	1
2	ASSY-Cover Front Main Panel 1	RHD_ASSY-75-R0	1
3	ASSY-Cover Front Main Panel 2	RHD_ASSY-76-R5	1
4	ASSY-Cover Front Main Panel 3	RHD_ASSY-77-R1	1
5	ASSY-Cover Back Main Panel 1	RHD_ASSY-74-R0	1
6	ASSY-Cover Back Main Panel 2	RHD_ASSY-18-R0	1
7	ASSY-Top Cross Frame	RHD_ASSY-98-R1	1
8	ASSY-HTC VivePro 2 Headset+HTC Strap-12mm Extended	RHD_ASSY-120-R6	2
9	AS-Side Panel Main Cabinet L	RHD_AS-FW01-L-R0	1
10	AS-Side Panel Main Cabinet R	RHD_AS-FW01-R-R0	1
11	Split EMI Core Nosie Filter HFA150066-0A2	EA1358	1
12	Front Tower- STICKER	RHD-PS-003-RX	1
13	Amplifier Volume Setting- STICKER	RB-PS-030-RX	1

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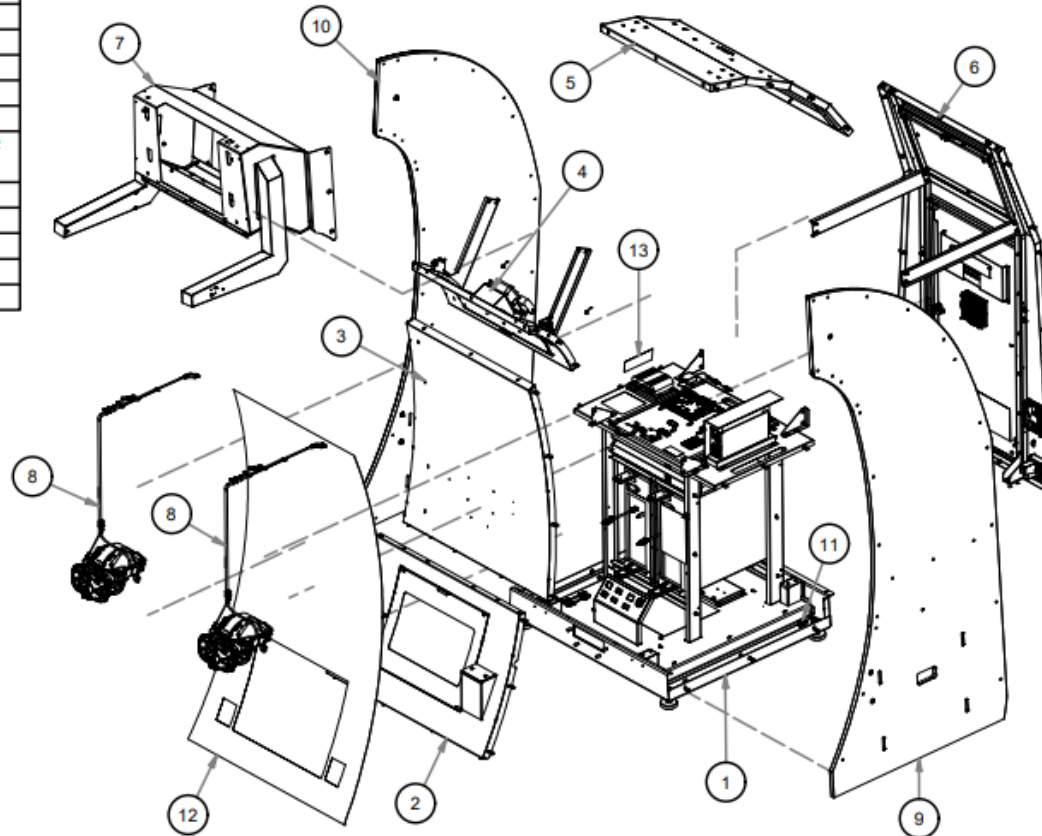
TOWER FRONT DOOR ASSEMBLY

	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Front Door Main Panel- COATED	RHD_FC-14-R0	1
2	ASSY-BaseStation, Tower	RHD_ASSY-107-R1	1
3	Hinge Front Door Panel	RHD_FM-48-R1	1
4	Acrylic Grey Sensor1	RHD_FP-08-R0	1
5	Flange Nut M4- Stainless	HF1025A	6
6	Button Head Socket Screw M5 x 10- Stainless	HF0503B	7
7	Flange Nut M5-Stainless	HF1026A	7
8	Button Head Socket Screw M4 x 30- Stainless	HF0408C	2
9	Spring Lock Washer M4- Stainless	HF1075A	2
10	Flat Washer M4- Stainless	HF1065B	2
11	Base Station Channel [B]- STICKER	Sticker is a taken from a set under P/N RHD-PS-031-RX, consist of A and B type	1
12	3.5mm Jack Audio Cable Male to Female, 2.2Meters	EC2390	1
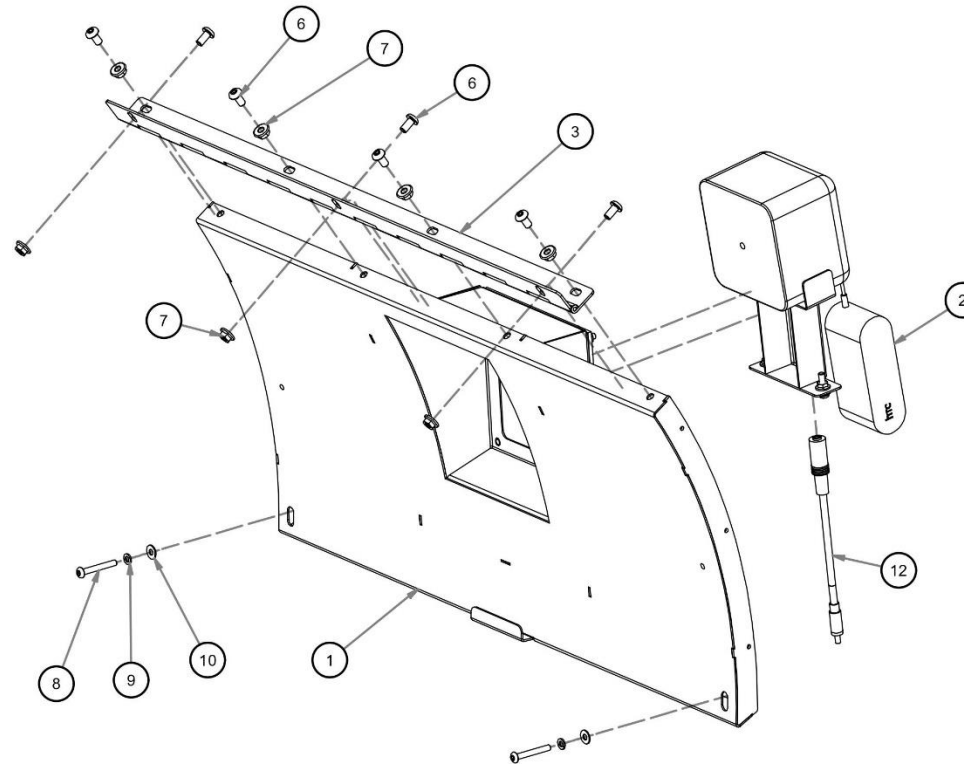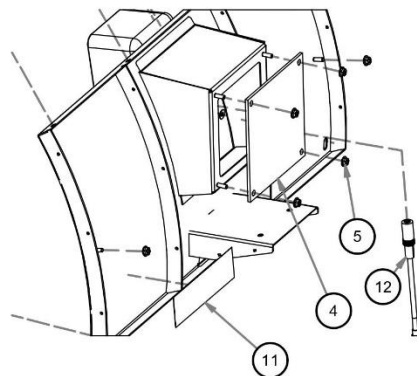
BASE MAIN TOWER ASSEMBLY

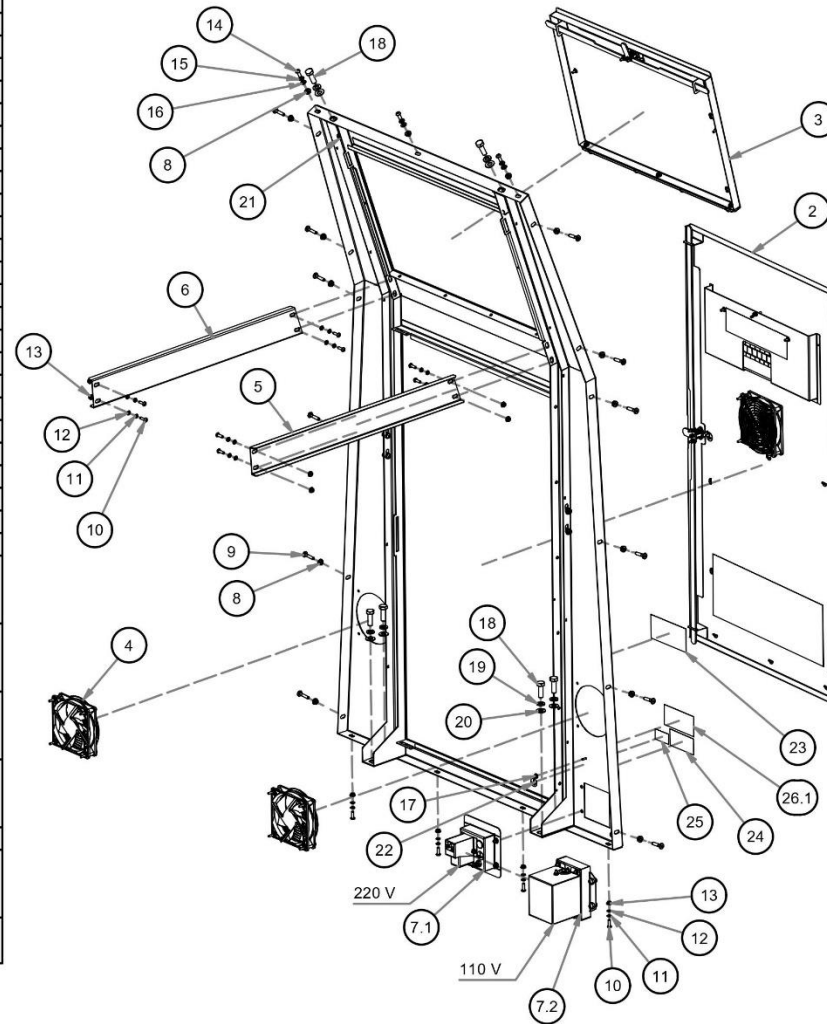| ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Base Main Panel- COATED	RHD_FC-7-R0	1
2	ASW-CPU Front Stand- COATED	RHD_FC-8-R0	1
3	ASW-CPU Back Stand- COATED	RHD_FC-24-R0	1
4	ASW-PCB Base- COATED	RHD_FC-9-R0	1
5	ASSY-Power Adaptor Bracket	RHD_ASSY-79-R0	1
6	ASSY-Tower Connector Panel	RHD_ASSY-78-R0	1
7	ASSY-CPU Adjustment Rail	RHD_ASSY-84-R0	4
8	ASSY-CPU Box	RHD_ASSY-30-R0	2
9	ASSY-19In RackMount PDU	RHD_ASSY-85-R0	2
10	ASSY-VR Link Box, VivePro 2	RHD_ASSY-91-R3	1
11	ASSY-Motion Controller	RHD_ASSY-86-R0	1
12	ASSY-PCB Board	RHD_ASSY-22-R0	1
13	ASSY-Amplifier	RHD_ASSY-94-R1	1
14	ASSY-Power Supply	RHD_ASSY-24-R2	1
15	Reinforce Join 1 L- COATED	RHD_FC-38-L-R0	1
16	Reinforce Join 1 R- COATED	RHD_FC-38-R-R0	1
17	Reinforce Join 2 R- COATED	RHD_FC-39-R-R0	1
18	Reinforce Join 2 L- COATED	RHD_FC-39-L-R0	1
19	ASSY-Audio Noise Filter	RHD_ASSY-95-R1	1
20	ASSY-Rabbids Serial Number Plate	RHD_ASSY-81-R0	1
21	Knock Down Bolt M6x30- Stainless	HF0688B	12
22	Button Head Socket Screw M6 x 15- Stainless	HF0605B	11
23	Spring Lock Washer M6- Stainless	HF1077A	11
24	Flat Washer M6- Stainless	HF1067D	11
25	Flange Nut M6-Stainless	HF1027A	13
26	Flange Nut M5-Stainless	HF1026A	8
27	Leveling Feet M16 x 60	HM3022	4
28	PC Identifier [PC1]- STICKER	Sticker is a taken from a set under P/N RHD-PS-024-RX, consist of two PC1 and PC2	1
29	Critical Labels [Headset1, Small]- STICKER	Sticker is a taken from a set under P/N RHD-PS-027-RX, consist of assorted critical labels	1
30	PC Identifier [PC2]- STICKER	Sticker is a taken from a set under P/N RHD-PS-024-RX, consist of two PC1 and PC2	1
31	Critical Labels [Headset2, Small]- STICKER	Sticker is a taken from a set under P/N RHD-PS-027-RX, consist of assorted critical labels	1
32	Critical Labels [Headset1]- STICKER	Sticker is a taken from a set under P/N RHD-PS-027-RX, consist of assorted critical labels	1
33	Critical Labels [Headset2]- STICKER	Sticker is a taken from a set under P/N RHD-PS-027-RX, consist of assorted critical labels	1

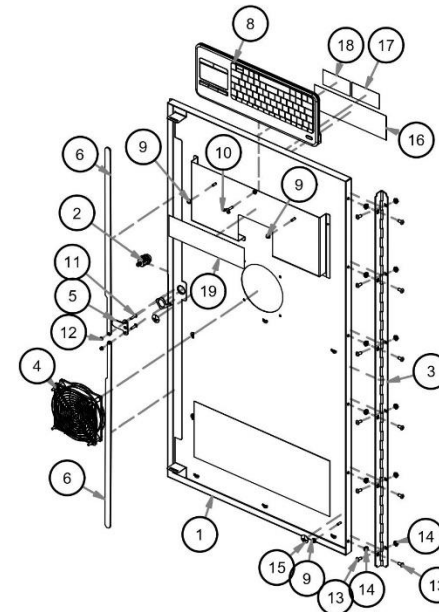| ITEM	DESCRIPTION	PART NUMBER	QTY
34	RJ45 LAN Cable, 2 Meters	EC2380	1
35	RJ45 LAN Cable, 4 Meters	EC0456	1
36	PC Connector Cable Diagram- STICKER	RHD-PS-022-RX	1
37	Critical Labels [PC1]- STICKER	Sticker is a taken from a set under P/N RHD-PS-027-RX, consist of assorted critical labels	1
38	Critical Labels [PC2]- STICKER	Sticker is a taken from a set under P/N RHD-PS-027-RX, consist of assorted critical labels	1
39	Cable Tie-Mount, Self Adhesive HC-101	EP0014	1
40	Cable Tie 100mm CV-100K	EP0001	1
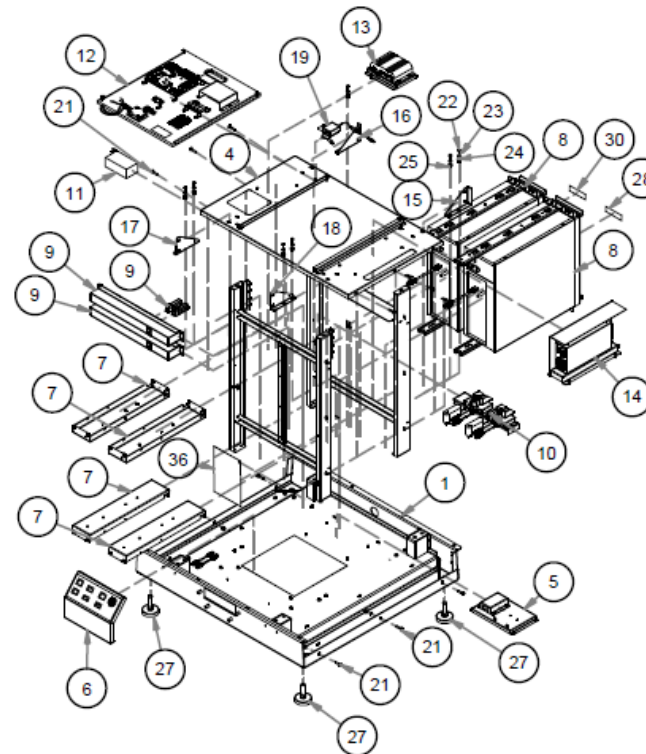
TOWER LOWER BACK COVER ASSEMBLY

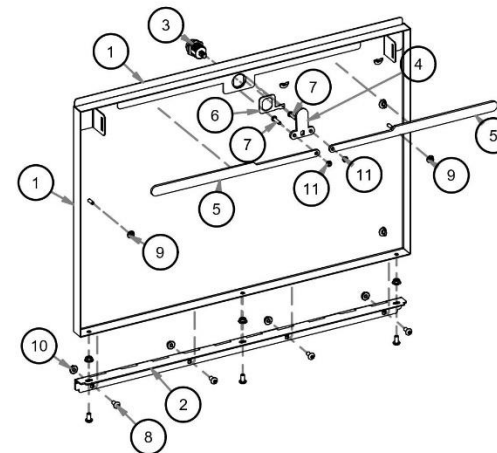| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Cover Back Main Panel 2- COATED	RHD_FC-11-R0	1
2	ASSY-Tower Back Door 1	RHD_ASSY-19-R0	1
3	ASSY-Tower Back Door 2	RHD_ASSY-20-R0	1
4	ASSY-Fan, Back Frame	RHD_ASSY-111-R0	2
5	Reinforce Join 4 L- COATED	RHD_FC-41-L-R0	1
6	Reinforce Join 4 R- COATED	RHD_FC-41-R-R0	1
7	CHOOSE ONLY 1 TYPE-DB Box		1
7.1	ASSY-DB Box 220V	RHD_ASSY-23-R0	1
7.2	ASSY-DB Box 110V, US	RHD_ASSY-39-R0	1
8	Flange Nut M6-Stainless	HF1027A	19
9	Knock Down Bolt M6x30- Stainless	HF0688B	12
10	Button Head Socket Screw M5 x 15- Stainless	HF0505B	12
11	Spring Lock Washer M5- Stainless	HF1076A	12
12	Flat Washer M5- Stainless	HF1066A	12
13	Flange Nut M5-Stainless	HF1026A	12
14	Button Head Socket Screw M6 x 15- Stainless	HF0605B	7
15	Spring Lock Washer M6- Stainless	HF1077A	7
16	Flat Washer M6- Stainless	HF1067D	7
17	Flange Nut M4- Stainless	HF1025A	1
18	Hex Bolt M10 x 30- Stainless	HF0848A	6
19	Spring Lock Washer M10- Stainless	HF1079A	6
20	Flat Washer M10- Stainless	HF1069A	6
21	HEX Nut M10- Stainless	HF1009B	2
22	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
23	Safety Label [WARNING BIG]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
24	Safety Label [CAUTION]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
25	Serial Number,Voltage,Fuse [Main Fuse]- STICKER	Sticker is a taken from a set under P/N RHD-PS-012-RX for 240V, consist of the Serial plate, Main Fuse and Volatge label	1
26	CHOOSE ONLY 1 TYPE-Voltage Sticker		1
26.1	Serial Number,Voltage,Fuse [Volatge 240VAC]- STICKER	Sticker is a taken from a set under P/N RHD-PS-012-RX for 240V, consist of the Serial plate, Main Fuse and Volatge label	1
26.2	Serial Number,Voltage,Fuse [Volatge 110VAC]- STICKER	Sticker is a taken from a set under P/N RHD-PS-011-RX for 110V, consist of the Serial plate and Volatge label	1

220 V

110 V

TOWER LOWER BACK DOOR ASSEMBLY

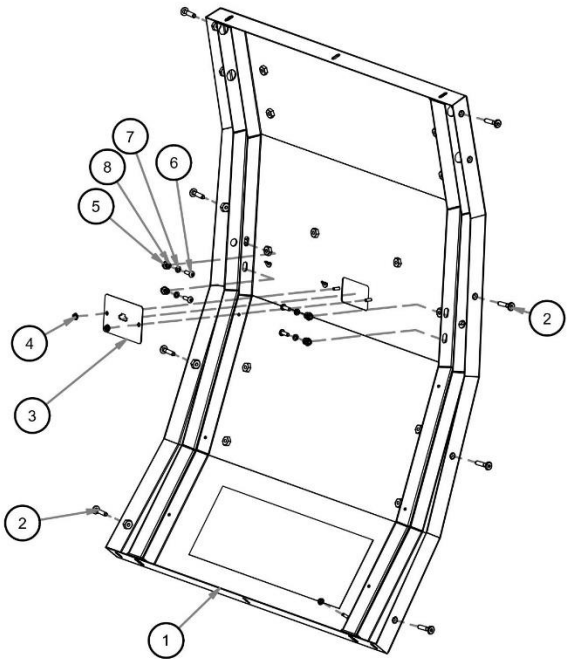| ITEM	DESCRIPTION	PART NUMBER	QTY
PARTS LIST			
1	ASW-Back Door Main Panel 1- COATED	RHD_FC-12-R0	1
2	Camlock TC802-M	Part is a taken from a set under manufacturer P/N HM0004 Camlock (1 pc), Key (2 pcs) and THIN NUT-M20 (1 pc)	1
3	Hinge Back Door Panel 1	RHD_FM-46-R1	1
4	ASSY-Fan, Back Door	RHD_ASSY-110-R0	1
5	Multi Point Cam- COATED	RHD_FC-49-R0	1
6	Multi Lock Plate-1- COATED	RHD_FC-50-R0	2
7	Grounding Plate- COATED	RHD_FC-94-R0	1
8	Keyboard, Logitech, K400 PLUS		1
9	Flange Nut M4- Stainless	HF1025A	3
10	Wing Screw M4 x 15- Stainless	HF5066A	1
11	Button Head Socket Screw M4 x 15- Stainless	HF0405B	2
12	Lock Nut M4- Stainless	HF1015A	2
13	Button Head Socket Screw M5 x 10- Stainless	HF0503B	12
14	Flange Nut M5-Stainless	HF1026A	12
15	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	2
16	Keyboard Sign 2- STICKER	Sticker is a taken from a set under P/N RHD-PS-034-RX, consist of two types of sticker	1
17	Safety Label [WARNING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
18	Safety Label [DANGER]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
19	Keyboard Sign 1- STICKER	Sticker is a taken from a set under P/N RHD-PS-034-RX, consist of two types of sticker	1

TOWER TOP BACK DOOR ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
PARTS LIST			
1	ASW-Back Door Main Panel 2- COATED	RHD_FC-13-R0	1
2	Hinge Back Door Panel 2	RHD_FM-47-R1	1
3	Camlock TC802-M	Part is a taken from a set under manufacturer P/N HM0004 Camlock (1 pc), Key (2 pcs) and THIN NUT-M20 (1 pc)	1
4	Multi Point Cam- COATED	RHD_FC-49-R0	1
5	Multi Lock Plate-2- COATED	RHD_FC-51-R0	2
6	Grounding Plate- COATED	RHD_FC-94-R0	1
7	Button Head Socket Screw M4 x 15- Stainless	HF0405B	2
8	Button Head Socket Screw M5 x 10- Stainless	HF0503B	7
9	Flange Nut M4- Stainless	HF1025A	2
10	Flange Nut M5-Stainless	HF1026A	7
11	Lock Nut M4- Stainless	HF1015A	2

TOWER UPPER BACK COVER ASSEMBLY

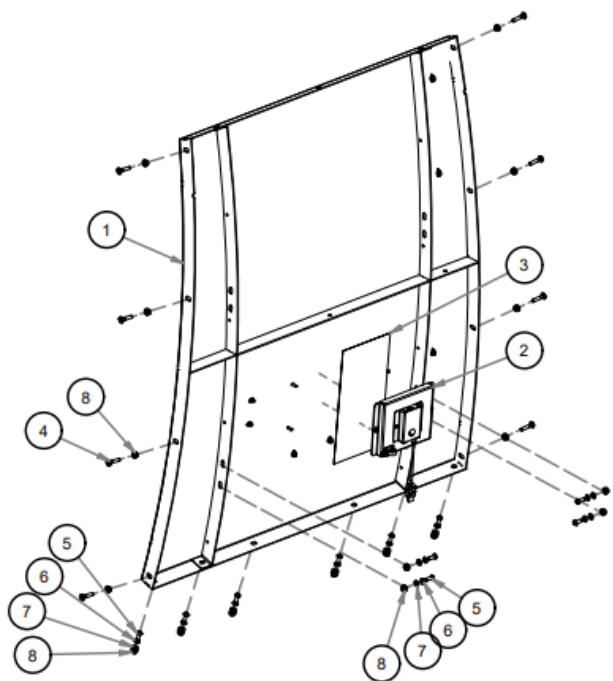| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Cover Back Main Panel 1- COATED	RHD_FC-10-R0	1
2	Knock Down Bolt M6x30- Stainless	HF0688B	8
3	Plate Conector Box Header- COATED	RHD_FC-105-R0	1
4	Flange Nut M4- Stainless	HF1025A	3
5	Flange Nut M5-Stainless	HF1026A	4
6	Button Head Socket Screw M5 x 15- Stainless	HF0505B	4
7	Spring Lock Washer M5- Stainless	HF1076A	4
8	Flat Washer M5- Stainless	HF1066A	4

TOWER FRONT COVER 1 ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Cover Front Main Panel 1- COATED	RHD_FC-15-R0	1
2	ASW-Lower Door Main Panel- COATED	RHD_FC-20-R0	1
3	ASSY-Safety Sensor Reflector 120 x 80	RHD_ASSY-117-R0	2
4	Spring Lock Washer M4- Stainless	HF1075A	4
5	Flat Washer M4- Stainless	HF1065B	4
6	Button Head Socket Screw M4 x 30- Stainless	HF0408C	4
7	Flange Nut M6-Stainless	HF1027A	6
8	Button Head Socket Screw M6 x 15- Stainless	HF0605B	8
9	Spring Lock Washer M6- Stainless	HF1077A	8
10	Flat Washer M6- Stainless	HF1067D	8
11	Knock Down Bolt M6x30- Stainless	HF0688B	6
12	Flange Nut M4- Stainless	HF1025A	1
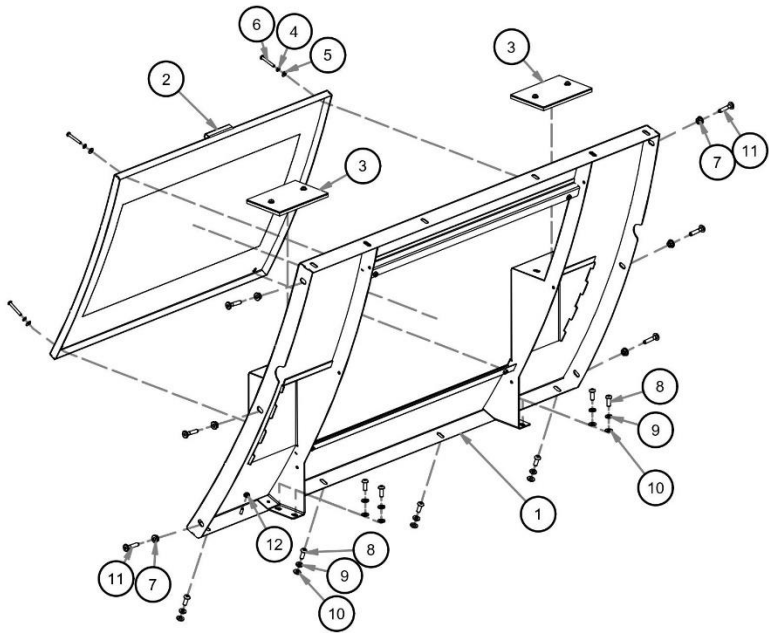
TOWER FRONT COVER 2 ASSEMBLY

	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Cover Front Main Panel 2- COATED	RHD_FC-16-R0	1
2	ASSY-HDMI Repeater	RHD_ASSY-139-R0	1
3	HDMI Repeater- STICKER	RHD-PS-060-RX	1
4	Knock Down Bolt M6x30- Stainless	HF0688B	8
5	Button Head Socket Screw M6 x 15- Stainless	HF0605B	10
6	Spring Lock Washer M6- Stainless	HF1077A	10
7	Flat Washer M6- Stainless	HF1067D	10
8	Flange Nut M6-Stainless	HF1027A	18

TOWER FRONT COVER 3 ASSEMBLY

	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Cover Front Main Panel 3- COATED	RHD_FC-17-R0	1
2	ASSY-Front Door Main Panel	RHD_ASSY-17-R1	1
3	ASSY-Tower Safety Sensor+Bracket	RHD_ASSY-80-R1	2
4	Reinforce Join 3 L- COATED	RHD_FC-40-L-R0	1
5	Reinforce Join 3 R- COATED	RHD_FC-40-R-R0	1
6	Button Head Socket Screw M6 x 15- Stainless	HF0605B	3
7	Spring Lock Washer M6- Stainless	HF1077A	3
8	Flat Washer M6- Stainless	HF1067D	3
9	Flange Nut M6-Stainless	HF1027A	9
10	Knock Down Bolt M6x30- Stainless	HF0688B	6
11	Flange Nut M5-Stainless	HF1026A	4

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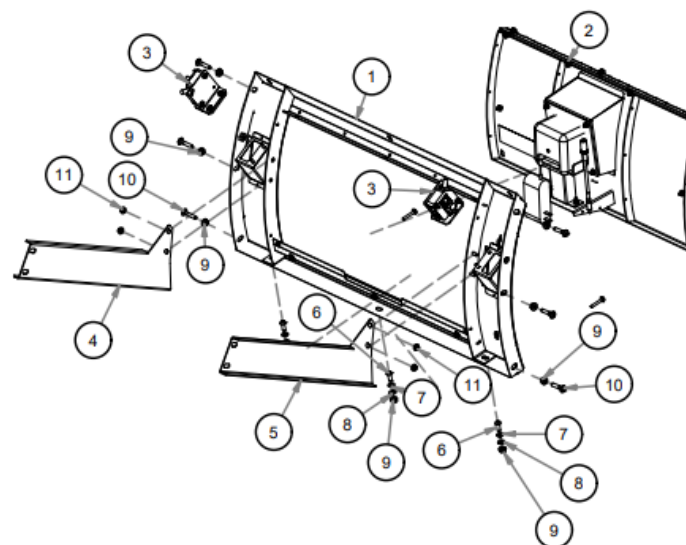
TOP CROSS FRAME ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Top Cross Frame- COATED	RHD_FC-18-R0	1
2	ASSY-Hanger Headset VR L	RHD_ASSY-99-R1	1
3	ASSY-Hanger Headset VR R	RHD_ASSY-100-R1	1
4	ASSY-LED Sign Bracket	RHD_ASSY-104-R0	1
5	Knock Down Bolt M6x30- Stainless	HF0688B	6
6	Flange Nut M5-Stainless	HF1026A	6
7	Flange Nut M4- Stainless	HF1025A	1
8	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1

MONITOR HEADER ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Bracket Sign Header Monitor- COATED	RHD_FC-100-R0	2
2	Header Sign Monitor HD- UV PRINTING	RHD_PA-FP33-R0	1
3	Button Head Socket Screw M5 x 15- Stainless	HF0505B	8
4	Spring Lock Washer M5- Stainless	HF1076A	8
5	Flat Washer M5- Stainless	HF1066A	8
6	Flange Nut M5-Stainless	HF1026A	12

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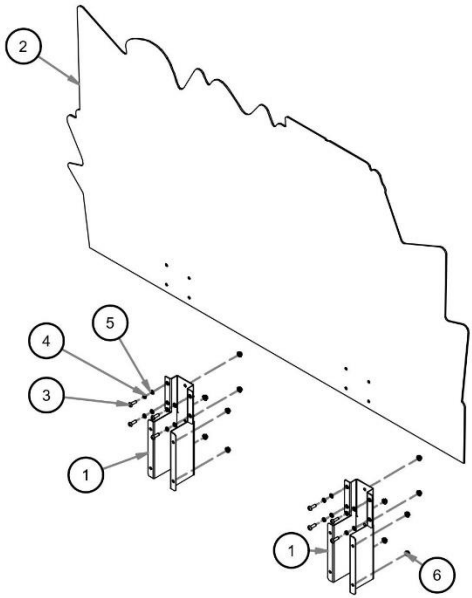
LEFT HANGER ASSY

ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Hanger Headset VR L- COATED	RHD_FC-99-L-R1	1
2	ASSY-Pull Box Left	RHD_ASSY-37-L-R0	1
3	Gromet Nylon Wire Headset	RHD_FP-26-R0	1
4	Spacer Wire Headset	RHD_FM-130-R0	1
5	Cover Hanger VR- COATED	RHD_FC-65-R0	1
6	Button Head Socket Screw M4 x 15- Stainless	HF0405B	5
7	Button Head Socket Screw M5 x 15- Stainless	HF0505B	1
8	Spring Lock Washer M4- Stainless	HF1075A	5
9	Spring Lock Washer M5- Stainless	HF1076A	1
10	Flat Washer M4- Stainless	HF1065B	5
11	Flat Washer M6 ISO 7093 (Big)- Stainless	HF1067C	1
12	Flange Nut M4- Stainless	HF1025A	2
13	Flange Nut M5-Stainless	HF1026A	4
14	Nylon Cable Strap Cable Ties Cord Clamp	EP0005B	1

RIGHT HANGER ASSY

ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Hanger Headset VR R- COATED	RHD_FC-99-R-R1	1
2	ASSY-Pull Box Right	RHD_ASSY-37-R-R0	1
3	Gromet Nylon Wire Headset	RHD_FP-26-R0	1
4	Spacer Wire Headset	RHD_FM-130-R0	1
5	Cover Hanger VR- COATED	RHD_FC-65-R0	1
6	Button Head Socket Screw M4 x 15- Stainless	HF0405B	5
7	Button Head Socket Screw M5 x 15- Stainless	HF0505B	1
8	Spring Lock Washer M4- Stainless	HF1075A	5
9	Spring Lock Washer M5- Stainless	HF1076A	1
10	Flat Washer M4- Stainless	HF1065B	5
11	Flat Washer M6 ISO 7093 (Big)- Stainless	HF1067C	1
12	Flange Nut M4- Stainless	HF1025A	2
13	Flange Nut M5-Stainless	HF1026A	4
14	Nylon Cable Strap Cable Ties Cord Clamp	EP0005B	1

HEADSET VIVEPRO2 ASSY

ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASSY-VivePro2 Security Cable, Plastic Strap, 12mm Extended	RHD_ASSY-121-R3	1
2	ASSY-VivePro 2 Shroud	RHD_ASSY-122-R4	1
3	ASSY-VivePro 2 HTC Headset Strap	RHD_ASSY-123-R5	1
4	Cable Tie 100mm CV-100, Black	EP0001A	11
5	Cable Tie 150mm CV-150K, Black	EP0002A	2
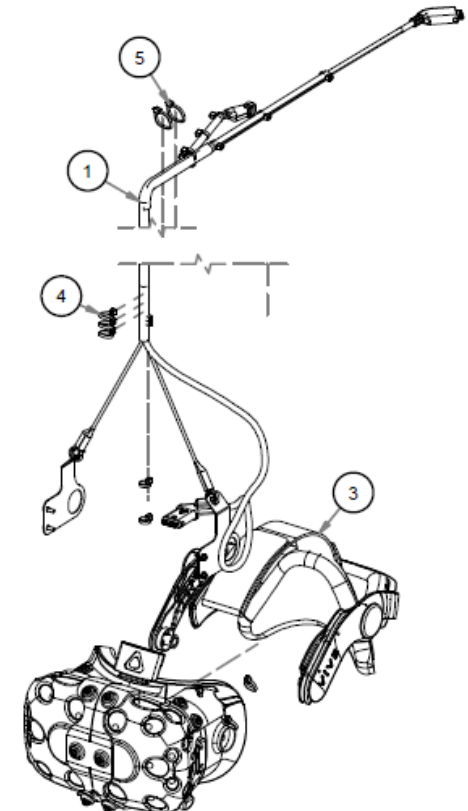
TOWER BASE STATION ASSY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	HTC BaseStation 1.0	SEE REMARKS	1
2	Bracket Tower Base Station- COATED	RHD_FC-126-R0	1
3	Button Head Socket Screw M4 x 15- Stainless	HF0405B	2
4	Hex Bolt 1/4 x 1/4", 20UNC- Stainless	HF5010	1
5	Spring Lock Washer M4- Stainless	HF1075A	2
6	Spring Lock Washer M6- Stainless	HF1077A	1
7	Flat Washer M6- Stainless	HF1067D	1
8	Flat Washer M4- Stainless	HF1065B	2
9	Flange Nut M4- Stainless	HF1025A	2
10	HTC Power Adapter, US Type A, BaseStation 1.0	SEE REMARKS	1
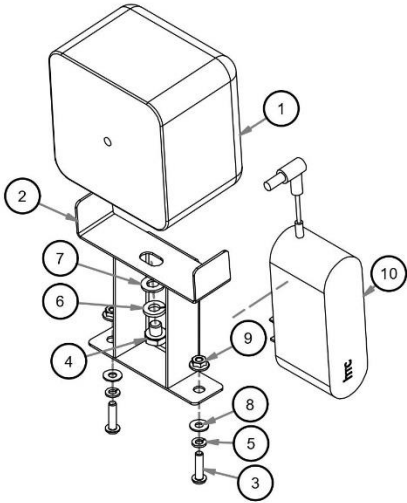
REMARKS

HTC Base Station 1.0 & HTC Power Adapter Base Station1.0
as 1 set under Description
" HTC Base Station (Comes 1x Basestation 1.0 and 1x Power
Adapter)" (SCM p/n: LHM-254)

SLED BASE STATION ASSY

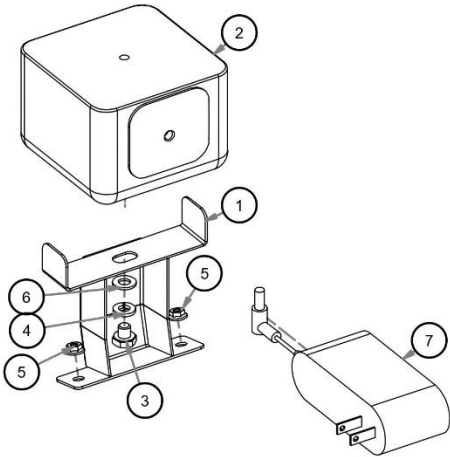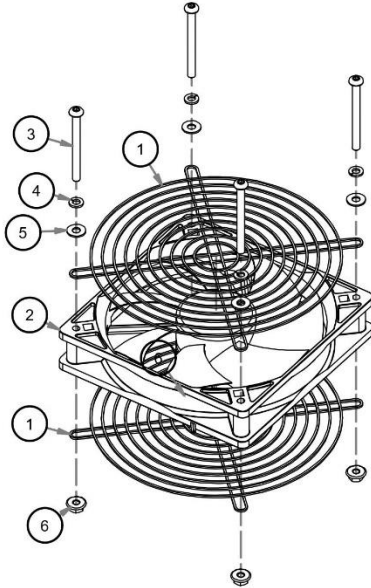| ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Bracket Sled Base Station- COATED	RHD_FC-125-R0	1
2	HTC BaseStation 1.0	SEE REMARKS	1
3	Hex Bolt 1/4 x 1/4", 20UNC- Stainless	HF5010	1
4	Spring Lock Washer M6- Stainless	HF1077A	1
5	Flange Nut M4- Stainless	HF1025A	2
6	Flat Washer M6- Stainless	HF1067D	1
7	HTC Power Adapter, US Type A, BaseStation 1.0	SEE REMARKS	1

REMARKS

HTC Base Station 1.0 & HTC Power Adapter Base Station1.0
as 1 set under Description
" HTC Base Station (Comes 1x Basestation 1.0 and 1x Power
Adapter)" (SCM p/n: LHM-254)

FAN ASSY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Fan Cover Grill Ø120mm	HM0380	2
2	DC Brushless Fan 12025 DC	EA1803	1
3	Button Head Socket Screw M4 x 45- Stainless	HF0409A	4
4	Spring Lock Washer M4- Stainless	HF1075A	4
5	Flat Washer M4- Stainless	HF1065B	4
6	Flange Nut M4- Stainless	HF1025A	4

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SHROUD VIVEPRO2 ASSY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Vive Pro 2 Headset	SEE REMARKS	1
2	3D Printed Headset Cover (SET)	LHM-656	1
2.1	AS-VivePro2 Shroud LH	RHD_AS-FP40-L-R1	1
2.2	AS-VivePro2 Shroud RH	RHD_AS-FP40-R-R1	1
2.3	VivePro2 Shroud Lock Plate	RHD_FP-42-R2	1
2.4	VivePro2 Connector Shroud, 3mm, 12mm Extended	RHD_FP-41-R3	1
2.5	AS-Bridge Reinforce	RHD_AS-FP43-R1	1
3	PU Leather face pad	LHM-567	1
4	Pan Head Philip Screw M3 x 12- Stainless	HF0304A	8
5	Spring Lock Washer M3- Stainless	HF1074A	8
6	Flat Washer M3- Stainless	HF1064B	8
7	Cable Tie 100mm CV-100, Black	EP0001A	1

REMARK :

Vive Pro2 Headset , as 1 bought set under Description
"Vive Pro2 headset (comes with head strap, link box & Headset
Cable 2.0)" (SCM p/n: LHM 500)
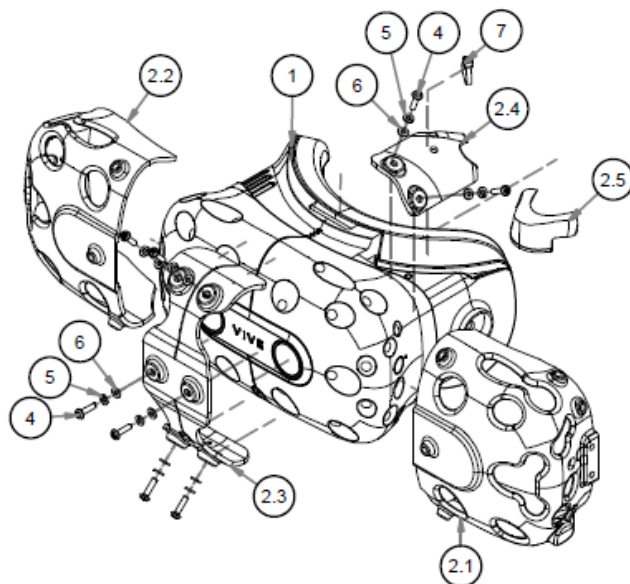
STRAP VIVEPRO2 ASSY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	ASSY-VivePro 2 HTC Headset Strap + Earphone Plug	RHD_ASSY-124-R0	1
2	Cradle Screw. M2.5_11.5, Point Screw	SEE REMARKS	2
3	Buckle Hub Pivot Inner, Cradle V2.0B, EN JINN	SEE REMARKS	2
4	CHOOSE ONLY 1 ALTERNATE SUPPLIER-Elastic Strap		1
4.1	Elastic strap for the HTC head strap	SEE REMARKS	1
4.2	Elastic strap for the HTC head strap	LHM-570	1
5	PU Leather Head Strap Pad (SET)	LHM-655	1

REMARK :

Partlist Number 2,3 & 4.1 , as 1 bought set under Description
"Vive Pro2 headset (comes with head strap, link box & Headset
Cable 2.0)" (SCM p/n: LHM 500)
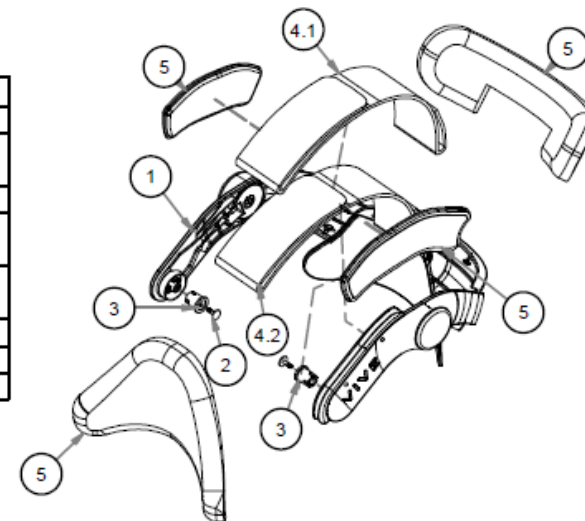
PLASTIC STRAP + EARPLUG VIVEPRO2 ASSY

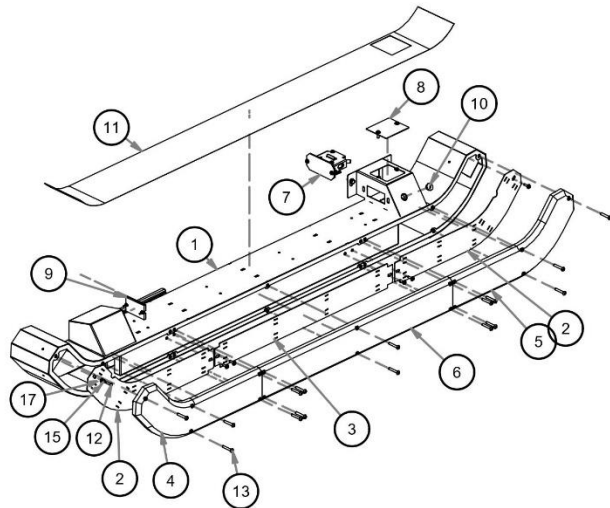| ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	HTC Head strap w/o elastic strap	SEE REMARKS	1
2	VivePro Strap Speaker Plug	SEE REMARKS	2
3	Earphone Hole Cap Screw	SEE REMARKS	2

REMARK :

Partlist Number 1 until 3 , bought as 1 set under Description
"Vive Pro2 headset (comes with head strap, link box & Headset
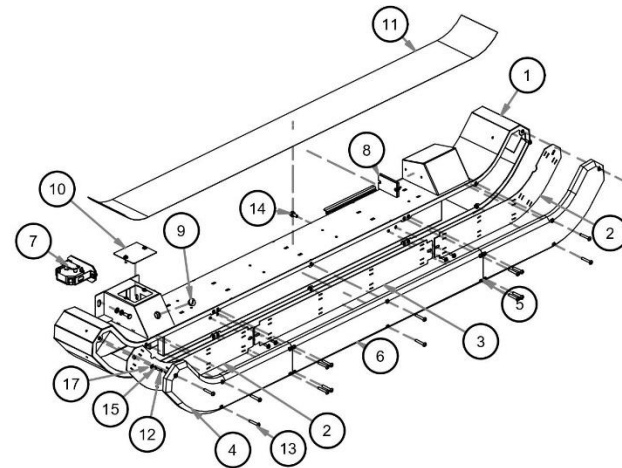Cable 2.0)" (SCM p/n: LHM 500)
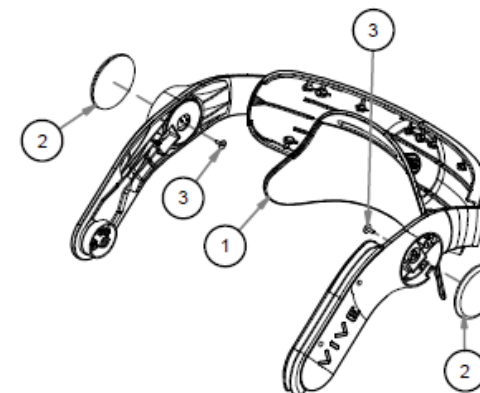
LEFT SKI ASSEMBLY

	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Playform Ski Board L- COATED	RHD_FC-19-L-R0	1
2	LED Bracket Ski 1- COATED	RHD_FC-84-R0	2
3	LED Bracket Ski 2- COATED	RHD_FC-85-R0	1
4	Acrylic Ski Board 1	RHD_FP-05-R0	1
5	Acrylic Ski Board 2	RHD_FP-06-R0	1
6	Acrylic Ski Board 3	RHD_FP-07-R0	1
7	ASSY-Safety Sensor+Bracket	RHD_ASSY-105-R1	1
8	ASSY-Cover Adjustment Safety Sensor(YELLOW)	RHD_ASSY-114-R0	1
9	ASSY-Safety Sensor Reflector 65 x 45	RHD_ASSY-116-R0	1
10	Plastic Threaded Plug, White, M16 x 1.5	HF5104	1
11	Ski Warning Sign L- STICKER	Sticker is a taken from a set under P/N RHD-PS-021-RX, consist of LH and RH	1
12	Button Head Socket Screw M4 x 15- Stainless	HF0405B	6
13	Button Head Socket Screw M5 x 30- Stainless	HF0508C	16
14	Hex Bolt M6 x 15- Stainless	HF0645A	3
15	Spring Lock Washer M4- Stainless	HF1075A	6
16	Spring Lock Washer M6- Stainless	HF1077A	3
17	Flat Washer M4- Stainless	HF1065B	6
18	Flat Washer M6- Stainless	HF1067D	3

RIGHT SKI ASSEMBLY

	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Playform Ski Board R- COATED	RHD_FC-19-R-R0	1
2	LED Bracket Ski 1- COATED	RHD_FC-84-R0	2
3	LED Bracket Ski 2- COATED	RHD_FC-85-R0	1
4	Acrylic Ski Board 1	RHD_FP-05-R0	1
5	Acrylic Ski Board 2	RHD_FP-06-R0	1
6	Acrylic Ski Board 3	RHD_FP-07-R0	1
7	ASSY-Safety Sensor+Bracket	RHD_ASSY-105-R1	1
8	ASSY-Safety Sensor Reflector 65 x 45	RHD_ASSY-116-R0	1
9	Plastic Threaded Plug, White, M16 x 1.5	HF5104	1
10	ASSY-Cover Adjustment Safety Sensor(YELLOW)	RHD_ASSY-114-R0	1
11	Ski Warning Sign R- STICKER	Sticker is a taken from a set under P/N RHD-PS-021-RX, consist of LH and RH	1
12	Button Head Socket Screw M4 x 15- Stainless	HF0405B	6
13	Button Head Socket Screw M5 x 30- Stainless	HF0508C	16
14	Hex Bolt M6 x 15- Stainless	HF0645A	3
15	Spring Lock Washer M4- Stainless	HF1075A	6
16	Spring Lock Washer M6- Stainless	HF1077A	3
17	Flat Washer M4- Stainless	HF1065B	6
18	Flat Washer M6- Stainless	HF1067D	3

MONITOR FULL ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	ASSY-Monitor Housing	RHD_ASSY-101-R1	1
2	CHOOSE ONLY 1 ALTERNATE SUPPLIER- ASSEMBLY-MONITOR		1
2.1	ASSY-Monitor 55 in HD DFI	RHD_ASSY-118-R0	1
2.2	ASSY-Monitor 55 in HD Kortex	RHD_ASSY-119-R0	1
2.3	ASSY-Monitor 55 in 4K, Libang	RHD_ASSY-133-R1	1
2.4	ASSY-Monitor 55 in 4K, Libang Batch 3	RHD_ASSY-135-R1	1
3	ASSY-Monitor Acrylic Cover	RHD_ASSY-103-R0	1
4	Back Cover Monitor 5- COATED	RHD_FC-66-R0	1
5	ASSY-Monitor Header Sign	RHD_ASSY-102-R0	1
6	Hex Bolt M10 x 30- Stainless	HF0848A	2
7	Flat Head Phillips Machine Screw M4 x 15	HF0465A	6
8	Spring Lock Washer M10- Stainless	HF1079A	2
9	Flat Washer M10- Stainless	HF1069A	2
10	Flange Nut M4- Stainless	HF1025A	5
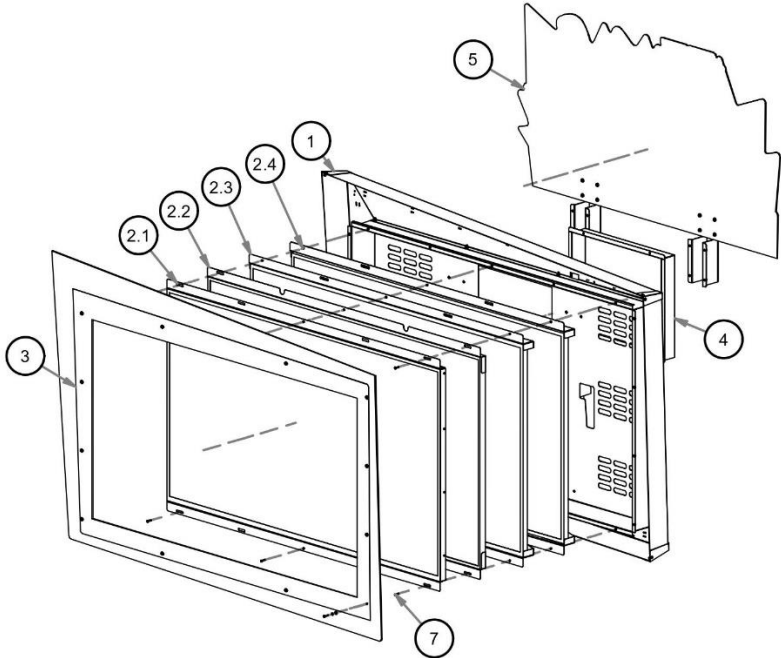
MONITOR FRAME ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	ASW-Bracket Monitor- COATED	RHD_FC-21-R2	1
2	Back Cover Monitor 1- COATED	RHD_FC-60-R1	1
3	Back Cover Monitor 2- COATED	RHD_FC-61-R1	1
4	Back Cover Monitor 3- COATED	RHD_FC-79-R1	1
5	Back Cover Monitor 4- COATED	RHD_FC-82-R1	1
6	Clamp Cover Monitor 1- COATED	RHD_FC-116-R1	1
7	Clamp Cover Monitor 2- COATED	RHD_FC-117-R1	1
8	Clamp Cover Monitor 3- COATED	RHD_FC-118-R1	1
9	Clamp Cover Monitor 4- COATED	RHD_FC-119-R1	1
10	Pop Rivet M4 x 8- Stainless	HF6021	16
11	Flange Nut M4- Stainless	HF1025A	14
12	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1

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PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Monitor 55" 4K	LHM-568	1
2	Flange Monitor Libang-COATED	RHD_FC-141-R1	2
3	HDMI(M) to HDMI(M) Cable,1.4 version or 4K Version, 3Meters	EC2366A	1
4	Spring Lock Washer M4- Stainless	HF1075A	8
5	Flat Washer M4- Stainless	HF1065B	8
6	Button Head Socket Screw M4 x 10- Stainless	HF0403B	8

ASSEMBLY
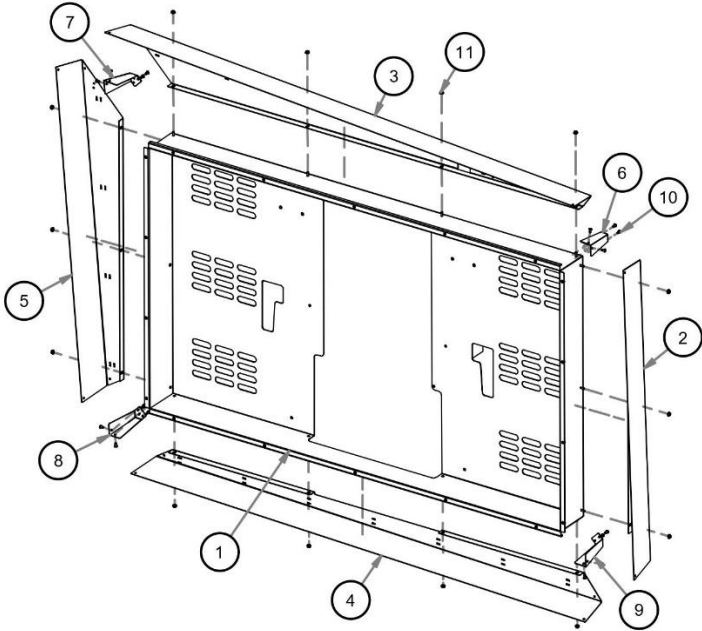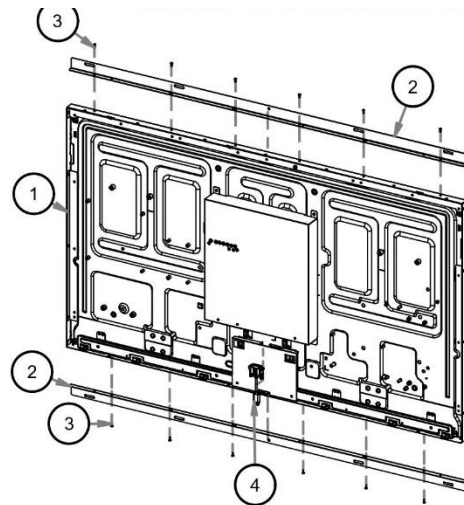
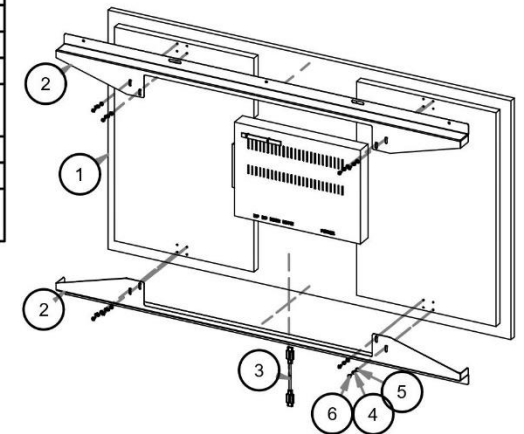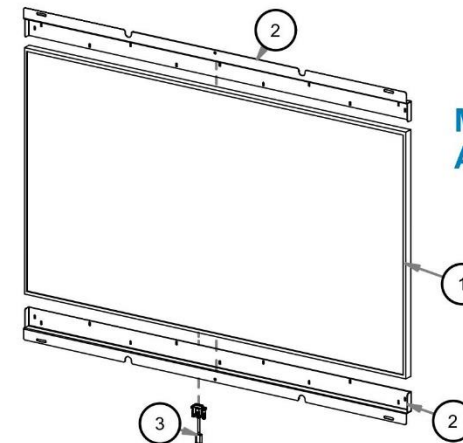| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	LCD 55",1920x1080 450nits,99.55S1S.0HP(DARWIN) RoHS	LHM-278	1
2	Flange Monitor- COATED	RHD_FC-137-R0	2
3	Button Head Socket Screw M3 x 8- Stainless	HF0322	12
4	DVI to HDMI Cable, 3Meters	EC2374	1

MONITOR LIBANG BATCH 3 ASSEMBLY
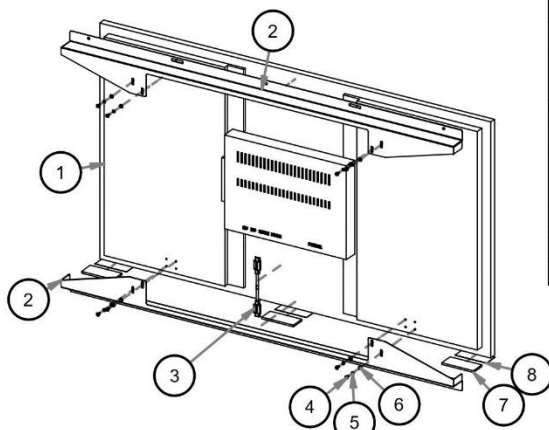
PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Monitor 55" 4K	LHM-568	1
2	Flange Monitor Libang-COATED	RHD_FC-141-R1	2
3	HDMI(M) to HDMI(M) Cable,1.4 version or 4K Version, 3Meters	EC2366A	1
4	Button Head Socket Screw M4 x 10- Stainless	HF0403B	8
5	Spring Lock Washer M4- Stainless	HF1075A	8
6	Flat Washer M4- Stainless	HF1065B	8
7	Spacer LIBANG Monitor	RHD_FP-47-R0	3
8	3M 467MP Adhesive 100 x 45	CN0006	3

MONITOR KORTEX ASSEMBLY

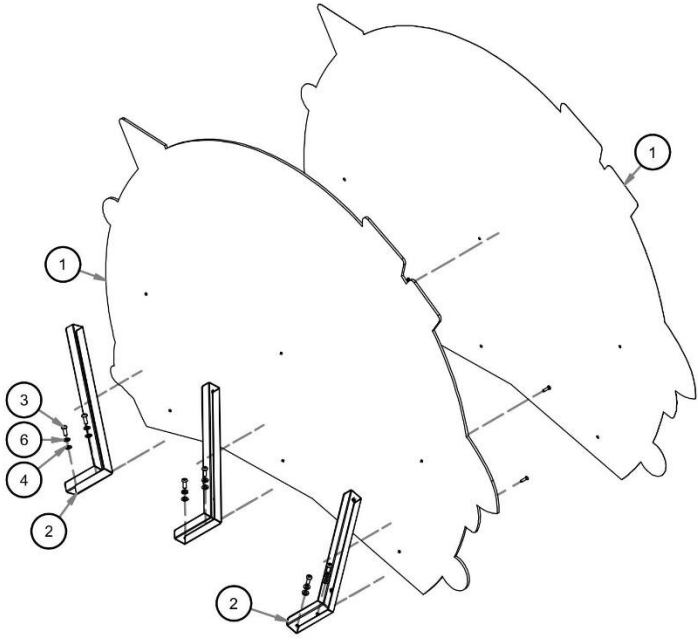| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Monitor 55" LD550EUE-FHB1 WIND 24V	EA1237C	1
2	Flange Monitor Kortex-COATED	RHD_FC-138-R0	2
3	DVI to HDMI Cable, 3Meters	EC2374	1

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LEFT HEADER SIGN ASSEMBLY

	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Header Sign 1 (L)- STICKER	RHD_AS-FP01-R0	1
2	AS-Bracket Header Rabbids- COATED	RHD_FC-53-R0	3
3	Button Head Socket Screw M6 x 15- Stainless	HF0605B	6
4	Flat Head Phillips Machine Screw M4 x 15	HF0465A	6
5	Spring Lock Washer M6- Stainless	HF1077A	6
6	Flat Washer M6- Stainless	HF1067D	6
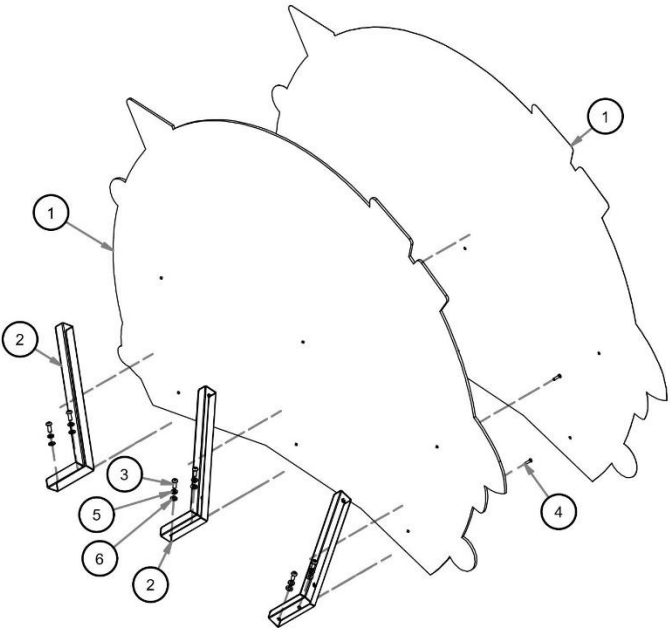
RIGHT HEADER SIGN ASSEMBLY

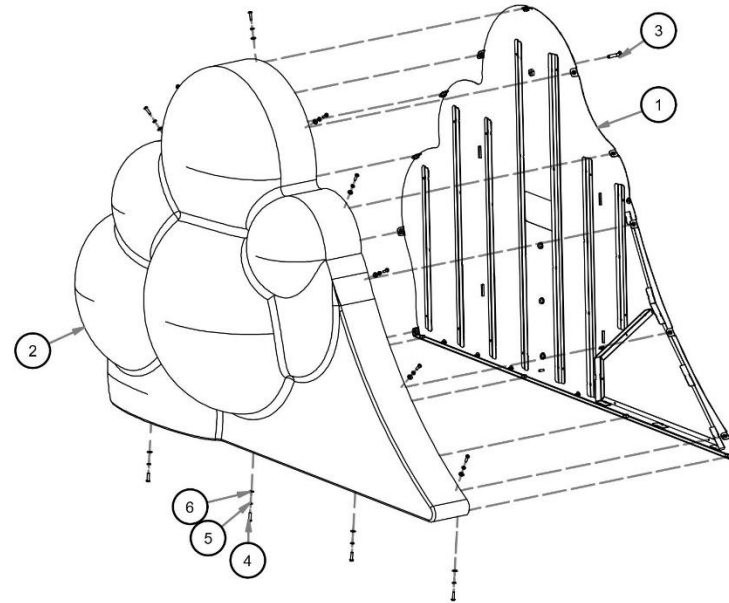|	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Header Sign 2 (R)- STICKER	RHD_AS-FP02-R0	1
2	AS-Bracket Header Rabbids- COATED	RHD_FC-53-R0	3
3	Button Head Socket Screw M6 x 15- Stainless	HF0605B	6
4	Flat Washer M6- Stainless	HF1067D	6
5	Flat Head Phillips Machine Screw M4 x 15	HF0465A	6
6	Spring Lock Washer M6- Stainless	HF1077A	6

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LEFT DUST CLOUD ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Bracket Dust Cloud L- COATED	RHD_FC-22-L-R0	1
2	Dust Cloud L-SILKSCREEN	RHD_SS-FP16-L-R0	1
3	Knock Down Bolt M6x30- Stainless	HF0688B	1
4	Button Head Socket Screw M4 x 15- Stainless	HF0405B	15
5	Spring Lock Washer M4- Stainless	HF1075A	15
6	Flat Washer M4- Stainless	HF1065B	15
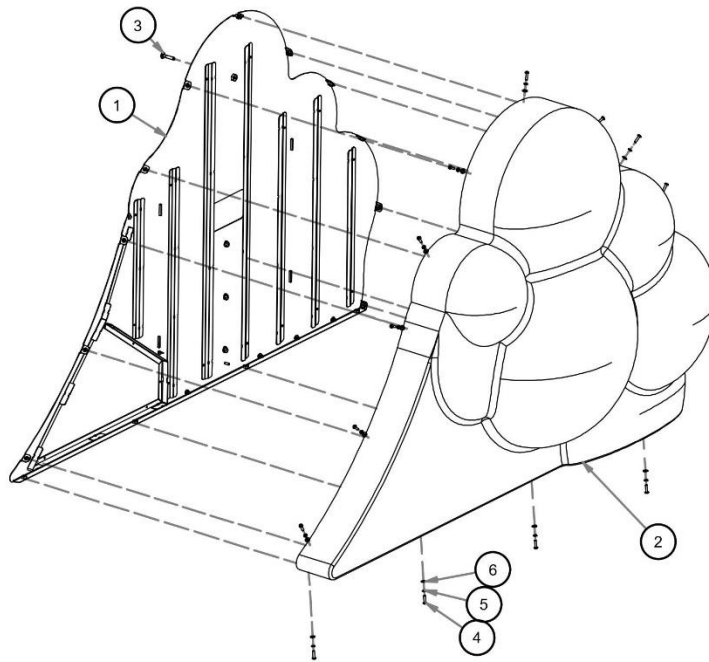
RIGHT DUST CLOUD ASSEMBLY

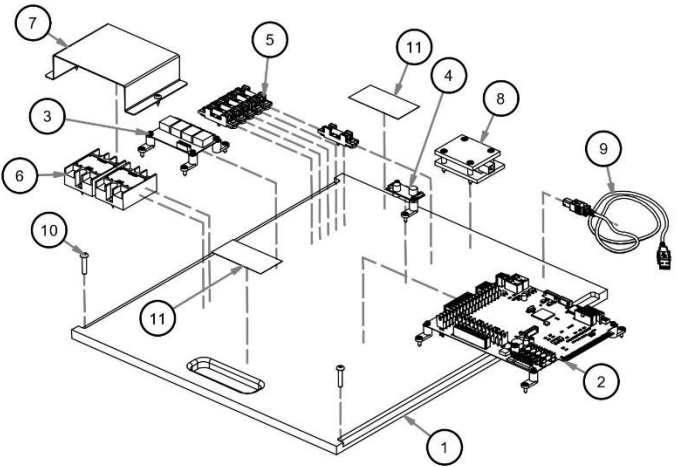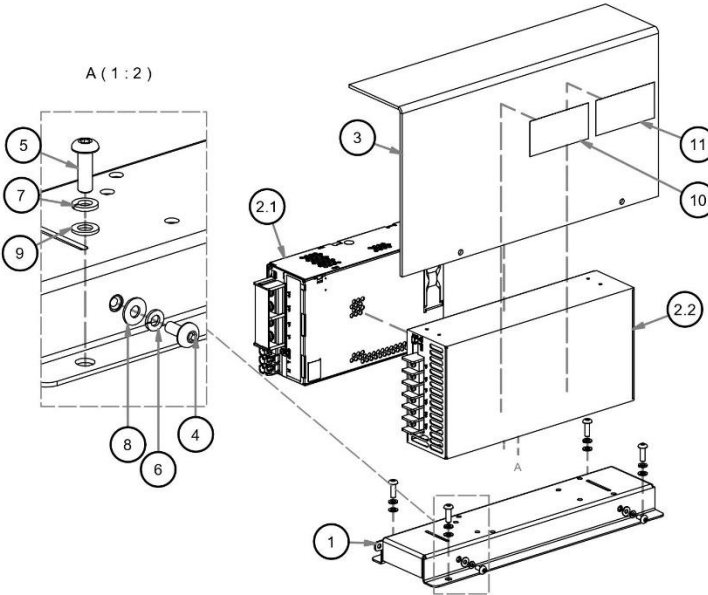| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Bracket Dust Cloud R- COATED	RHD_FC-22-R-R0	1
2	Dust Cloud R-SILKSCREEN	RHD_SS-FP16-R-R0	1
3	Knock Down Bolt M6x30- Stainless	HF0688B	1
4	Button Head Socket Screw M4 x 15- Stainless	HF0405B	15
5	Spring Lock Washer M4- Stainless	HF1075A	15
6	Flat Washer M4- Stainless	HF1065B	15

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PCB BOARD ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	PCB Base BOard	RHD_FW-02-R0	1
2	Assy-PCB FB 216 CPU I.O. Board	RHD_ASSY-87-R0	1
3	ASSY-PCB Relay 4 Channel	RHD_ASSY-88-R0	1
4	ASSY-Step Down PS Module	RHD_ASSY-90-R0	1
5	ASSY-Fuse	RHD_ASSY-97-R0	6
6	ASSY-Solid State Relay	RHD_ASSY-93-R0	1
7	ASSY-SS Relay Safety Cover	RHD_ASSY-89-R0	1
8	ASSY-USB to RS485 Module	RHD_ASSY-96-R0	1
9	USB Printer Cable, Shielded, A to B, 1.5Meters		1
10	Button Head Socket Screw M5 x 25- Stainless	HF0507C	2
11	Safety Label [CAUTION]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	2

POWER SUPPLY ASSEMBLY

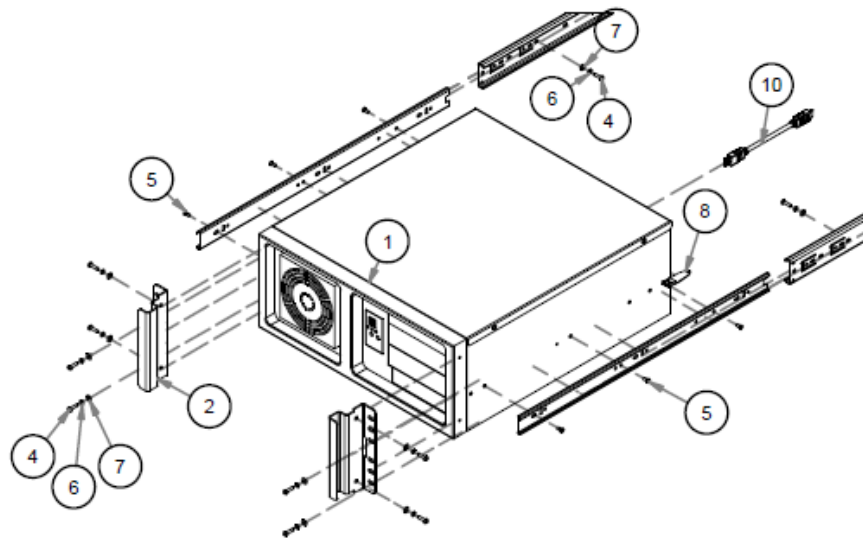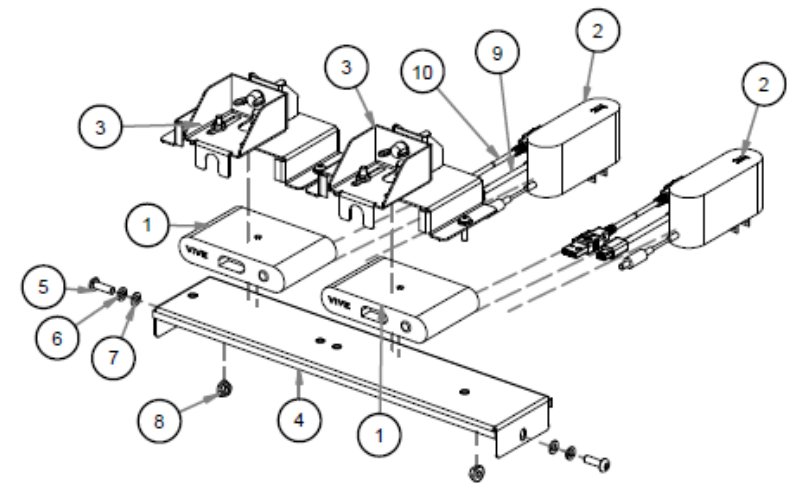| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Power Supply Bracket- COATED	RHD_FC-37-R1	1
2	CHOOSE ONLY 1 ALTERNATE SUPPLIER-Power Supply ASSY		1
2.1	ASSY-TDK Lambda RWS600B	RHD_ASSY-131-R0	1
2.2	ASSY-Meanwell SE-600-12V	RHD_ASSY-132-R1	1
3	Cover Safety Power Supply	RHD_FP-04-R0	1
4	Button Head Socket Screw M4 x 10- Stainless	HF0403B	2
5	Button Head Socket Screw M5 x 15- Stainless	HF0505B	4
6	Spring Lock Washer M4- Stainless	HF1075A	2
7	Spring Lock Washer M5- Stainless	HF1076A	4
8	Flat Washer M4- Stainless	HF1065B	2
9	Flat Washer M5- Stainless	HF1066A	4
10	Safety Label [WARNING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
11	Safety Label [DANGER]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1

A (1 : 2)

PC ASSEMBLY

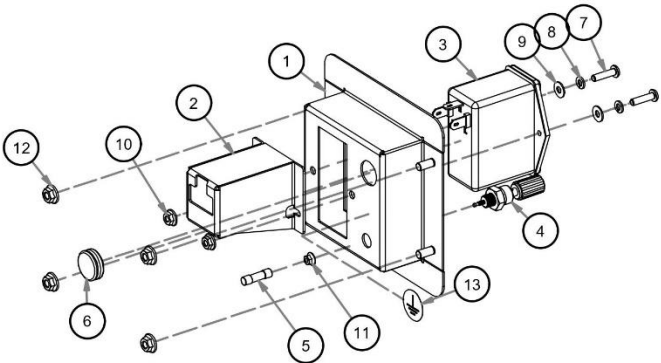| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Virtual Rabbids_ Computer V2	LHM-502	1
2	Stopper CPU- COATED	RHD_FC-59-R0	2
3	Slide 44H x 22"L (DRF-22)	RHD-FM-127-R0	2
4	Button Head Socket Screw M4 x 15- Stainless	HF0405B	12
5	Flat Head Phillips Machine Screw M4 x 10- Stainless	HF0463B	6
6	Spring Lock Washer M4- Stainless	HF1075A	12
7	Flat Washer M4- Stainless	HF1065B	12
8	USB Dongle Bronze Dinkey Pro Lite-Rabbids Expansion1	LEA-300	1
10	HDMI(M) to HDMI(M) Cable,1.4 version or 4K version, 1.8Meters	EC2366B	1

LINK BOX ASSEMBLY

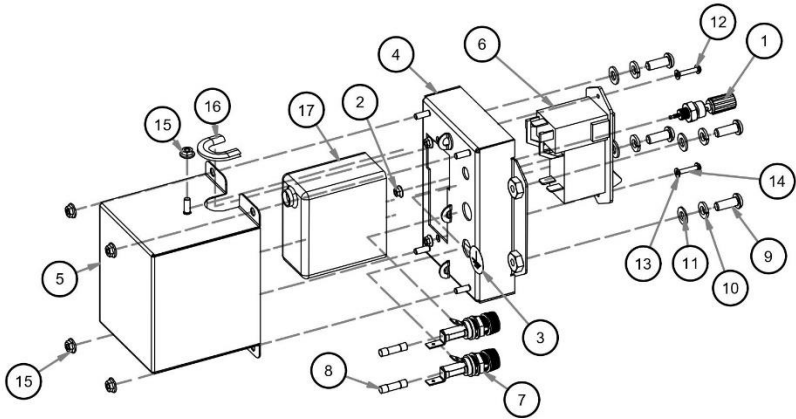| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	HTC Link Box VivePro 2 (Default ON)	SEE REMARKS	2
2	HTC Power Adapter, US Type A, Link Box VivePro2	SEE REMARKS	2
3	ASSY-VR Linkbox Clamp	RHD_ASSY-138-R0	2
4	AS-VR Link Box Bracket- COATED	RHD_FC-87-R1	1
5	Button Head Socket Screw M5 x 15- Stainless	HF0505B	2
6	Spring Lock Washer M5- Stainless	HF1076A	2
7	Flat Washer M5- Stainless	HF1066A	2
8	Flange Nut M5-Stainless	HF1026A	2
9	HTC VivePro2 USB 2.0 to Mini-DP	SEE REMARKS	2
10	HTC VivePro2 USB 2.0 to USB 2.0	SEE REMARKS	2

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DB BOX 220V ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	AS-DB Box Front- COATED	RHD_FC-44-R0	1
2	DB Box Housing- COATED	RHD_FC-45-R0	1
3	Passive Filter Of EMI Suppression High Low Corp Model : 06SS6-B2AS-QBB	EA0649A	1
4	Binding Post Tin Plated-Green 3760-5	EA1356	1
5	Fuse5x20 FastBlow 021706.3MXP(6.3A-250V)	EA0011	1
6	Rubber Plug Grommet 22mm	HM0234	1
7	Button Head Socket Screw M4 x 15- Stainless	HF0405B	2
8	Spring Lock Washer M4- Stainless	HF1075A	2
9	Flat Washer M4- Stainless	HF1065B	2
10	Flange Nut M4- Stainless	HF1025A	2
11	Flange Nut M3-Stainless	HF1024A	1
12	Flange Nut M5-Stainless	HF1026A	4
13	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1

DB BOX 110V ASSEMBLY

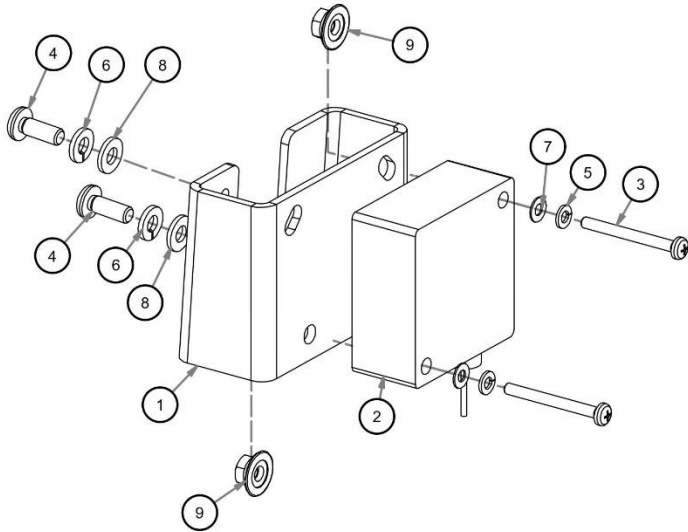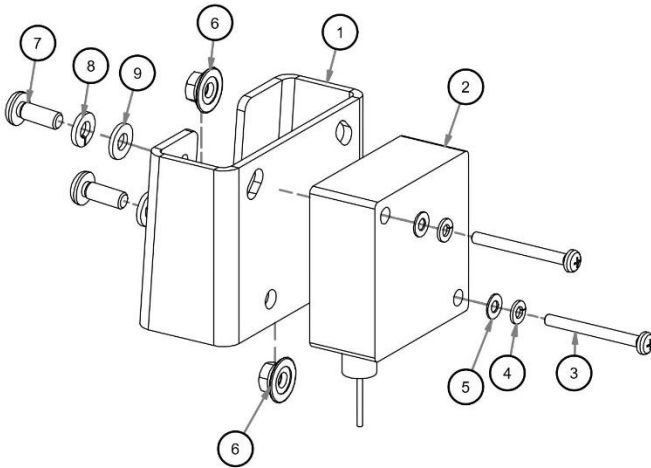| ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Binding Post Tin Plated-Green 3760-5	EA1356	1
2	Flange Nut M3-Stainless	HF1024A	3
3	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
4	ASW-Front DB Box USA- COATED	RHD_FC-134-R0	1
5	ASW-DB Box Housing US- COATED	RHD_FC-135-R0	1
6	AC Power Inout module C14 Socket, Filter Switch		1
7	AC Input Fuse Holder BK/HTB-26M-R	BK/HTB-26M-R	2
8	Fuse 5x20mm FastBlow 048712.5MXP (12.5A-420V)	EA1785	2
9	Button Head Socket Screw M6 x 15- Stainless	HF0605B	4
10	Spring Lock Washer M6- Stainless	HF1077A	4
11	Flat Washer M6- Stainless	HF1067D	4
12	Spring Lock Washer M3- Stainless	HF1074A	2
13	Flat Washer M3- Stainless	HF1064B	2
14	Pan Head Phillip Screw M3 x 15- Stainless	HF0305B	2
15	Flange Nut M4- Stainless	HF1025A	5
16	Rubber Edging (0.050 Meters)	HM2996B	1
17	PVC Insulating Cover over AC Power Input Module		1

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LEFT PULL BOX ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Bracket Pull Box- COATED	RHD_FC-129-R0	1
2	Pull Box, Square, Rectractable, without Pause Friction, RW4905	HM0389	1
3	Pan Head Phillip Screw M2 x 20- Stainless	HF0266A	2
4	Pan Head Phillip Screw M3 x 8- Stainless	HF0362C	2
5	Spring Lock Washer M2- Stainless	HF1073A	2
6	Spring Lock Washer M3- Stainless	HF1074A	2
7	Flat Washer M2- Stainless	HF1063A	2
8	Flat Washer M3- Stainless	HF1064B	2
9	Flange Nut M2- Stainless	HF1023A	2

RIGHT PULL BOX ASSEMBLY

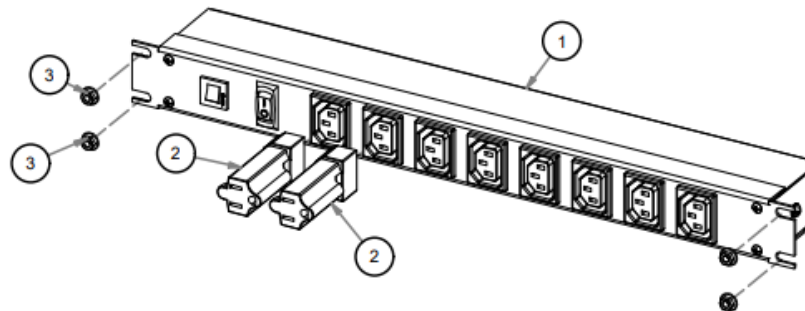| ITEM	DESCRIPTION	PART NUMBER	QTY
	PARTS LIST		
1	Bracket Pull Box- COATED	RHD_FC-129-R0	1
2	Pull Box, Square, Rectractable, without Pause Friction, RW4905	HM0389	1
3	Pan Head Phillip Screw M2 x 20- Stainless	HF0266A	2
4	Spring Lock Washer M2- Stainless	HF1073A	2
5	Flat Washer M2- Stainless	HF1063A	2
6	Flange Nut M2- Stainless	HF1023A	2
7	Pan Head Phillip Screw M3 x 8- Stainless	HF0362C	2
8	Spring Lock Washer M3- Stainless	HF1074A	2
9	Flat Washer M3- Stainless	HF1064B	2

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POWER ADAPTOR ASSY

PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Power Adaptor Bracket- COATED	RHD_FC-54-R0	1
2	Power Adaptor Clamp- COATED	RHD_FC-55-R0	1
3	Button Head Socket Screw M4 x 15- Stainless	HF0405B	4
4	Spring Lock Washer M4- Stainless	HF1075A	4
5	Flat Washer M4- Stainless	HF1065B	4
6	Flange Nut M4- Stainless	HF1025A	4

HDMI REPEATER ASSY

PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	QTY
1	Bracket HDMI Repeater- COATED	RHD_FC-148-R0	1
2	HDMI Repeater-AIE	EA2130	1
3	Power cable - HDMI Repeater AIE	SEE REMARKS	1
4	Clamp Repeater HDMI-AIE- COATED	RHD_FC-149-R0	1
5	Nylon Cable Strap Cable Ties Cord Clamp	EP0005B	1
6	Flat Head Phillips Machine Screw M3 x 10	HF0363A	1
7	Flange Nut M3-Stainless	HF1024A	1
8	Flange Nut M4- Stainless	HF1025A	4

PDU 19IN ASSY

PARTS LIST

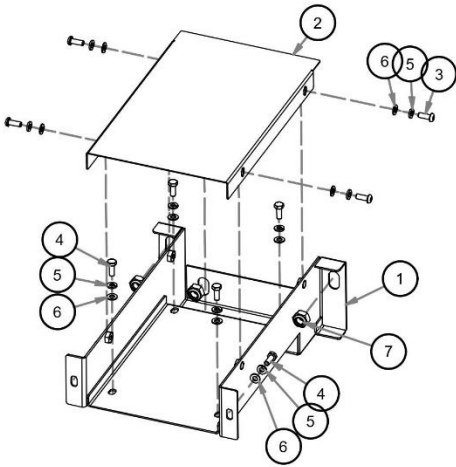| ITEM	DESCRIPTION	PART NUMBER	QTY
1	19in RackMount 8Way PDU, 1582H8E1BK	EA1812	1
2	IEC 60320 plug adapter C14 to NEMA 5-15R		2
3	Flange Nut M5-Stainless	HF1026A	4
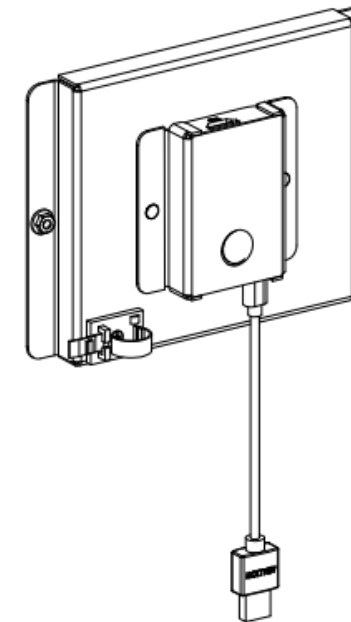
REMARK :

Partlist Number 3 , bought as 1 set under Description
"HMDI Repeater-AIE (comes with HDMI Repeater &Cable MicroUSB)" (WH p/n: EA2130)

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JOINT REAR CABLE ASSY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Cover Cable Back 1- COATED	RHD_FC-67A-R0	1
2	Cover Cable Back 2- COATED	RHD_FC-68-R0	1
3	Button Head Socket Screw M6 x 15- Stainless	HF0605B	4
4	Hex Bolt M6 x 15- Stainless	HF0645A	6
5	Spring Lock Washer M6- Stainless	HF1077A	10
6	Flat Washer M6- Stainless	HF1067D	10
7	Lock Nut M10- Stainless	HF1019A	4

TOP LED TOWER ASSY

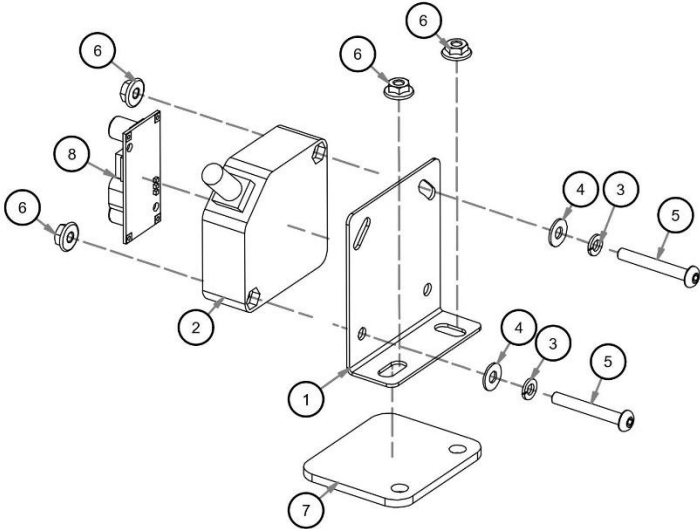| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Bracket LED Header Monitor- COATED	RHD_FC-115-R0	1
2	SpotLight, 10W 12-24DC, IP65, LED	EA2033	2
3	Button Head Socket Screw M5 x 15- Stainless	HF0505B	4
4	Button Head Socket Screw M6 x 15- Stainless	HF0605B	2
5	Spring Lock Washer M5- Stainless	HF1076A	4
6	Spring Lock Washer M6- Stainless	HF1077A	2
7	Flat Washer M5- Stainless	HF1066A	4
8	Flat Washer M6- Stainless	HF1067D	2
9	Flange Nut M4- Stainless	HF1025A	1
10	Safety Label [GROUNDING]- STICKER	Sticker is a taken from a set under P/N RHD-PS-010-RX, consist of assorted safety labels eg.. Warning, Danger, Caution & grounding	1
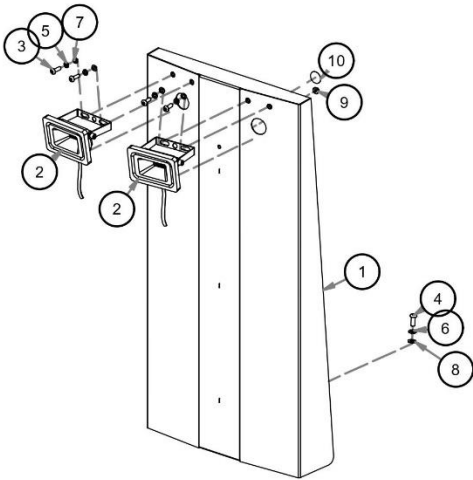
FRONT LED TOWER ASSY

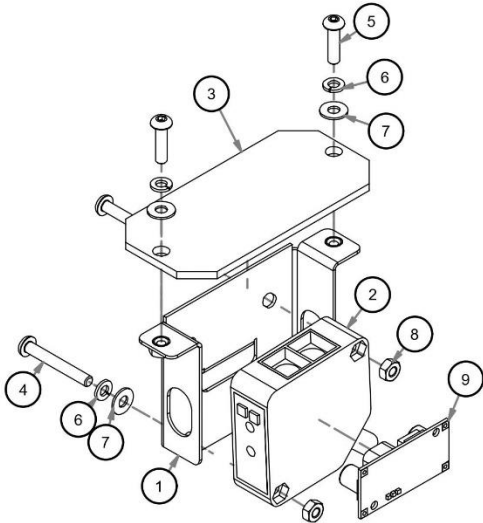| PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Bracket LED Sign Rabbids- COATED	RHD_FC-35-R0	1
2	Acrylic Under Monitor	RHD_FP-19-R0	1
3	Button Head Socket Screw M4 x 15- Stainless	HF0405B	5
4	Spring Lock Washer M4- Stainless	HF1075A	5
5	Flat Washer M4- Stainless	HF1065B	5
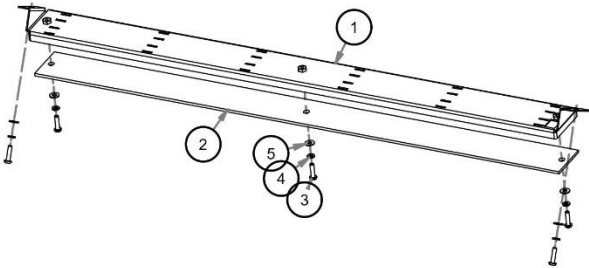
TOWER SAFETY SENSOR ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Bracket Sensor Safety Upper- COATED	RHD_FC-110-R0	1
2	12-24VDC NPN NO.NC rectangular diffuse photoelectric sensor with CE, 4000mm sensing range. (W/o Reflector)	EA2034	1
3	Spring Lock Washer M4- Stainless	HF1075A	2
4	Flat Washer M4- Stainless	HF1065B	2
5	Button Head Socket Screw M4 x 30- Stainless	HF0408C	2
6	Flange Nut M4- Stainless	HF1025A	4
7	Upper Sensor View Cover	RHD_FP-24-R1	1
8	XL6009 DC-DC Step-Up Boost Voltage Converter		1

PLATFORM SAFETY SENSOR ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Bracket Sensor Safety Lower- COATED	RHD_FC-111-R0	1
2	12-24VDC NPN NO.NC rectangular diffuse photoelectric sensor with CE, 4000mm sensing range. (W/o Reflector)	EA2034	1
3	Lower Sensor View Cover	RHD_FP-23-R1	1
4	Button Head Socket Screw M4 x 30- Stainless	HF0408C	2
5	Button Head Socket Screw M4 x 15- Stainless	HF0405B	2
6	Spring Lock Washer M4- Stainless	HF1075A	4
7	Flat Washer M4- Stainless	HF1065B	4
8	HEX NUT M4	HF1005	2
9	XL6009 DC-DC Step-Up Boost Voltage Converter		1

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AMPLIFIER ASSEMBLY

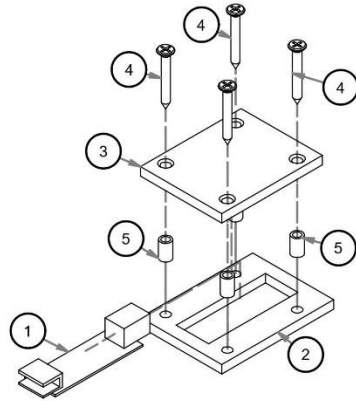|	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	AS-Amplifier Bracket- COATED	RHD_FC-58-R0	1
2	Audio Amplifier 2.1 Stereo. Hong Xing	EA1588	1
3	Button Head Socket Screw M4 x 15- Stainless	HF0405B	4
4	Spring Lock Washer M4- Stainless	HF1075A	4
5	Flat Washer M4- Stainless	HF1065B	4
6	Button Head Socket Screw M5 x 15- Stainless	HF0505B	2
7	Spring Lock Washer M5- Stainless	HF1076A	2
8	Flat Washer M5- Stainless	HF1066A	2
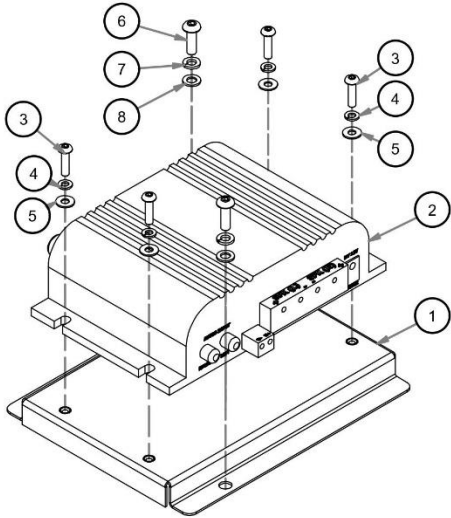
AUDIO NOISE FILTER ASSY

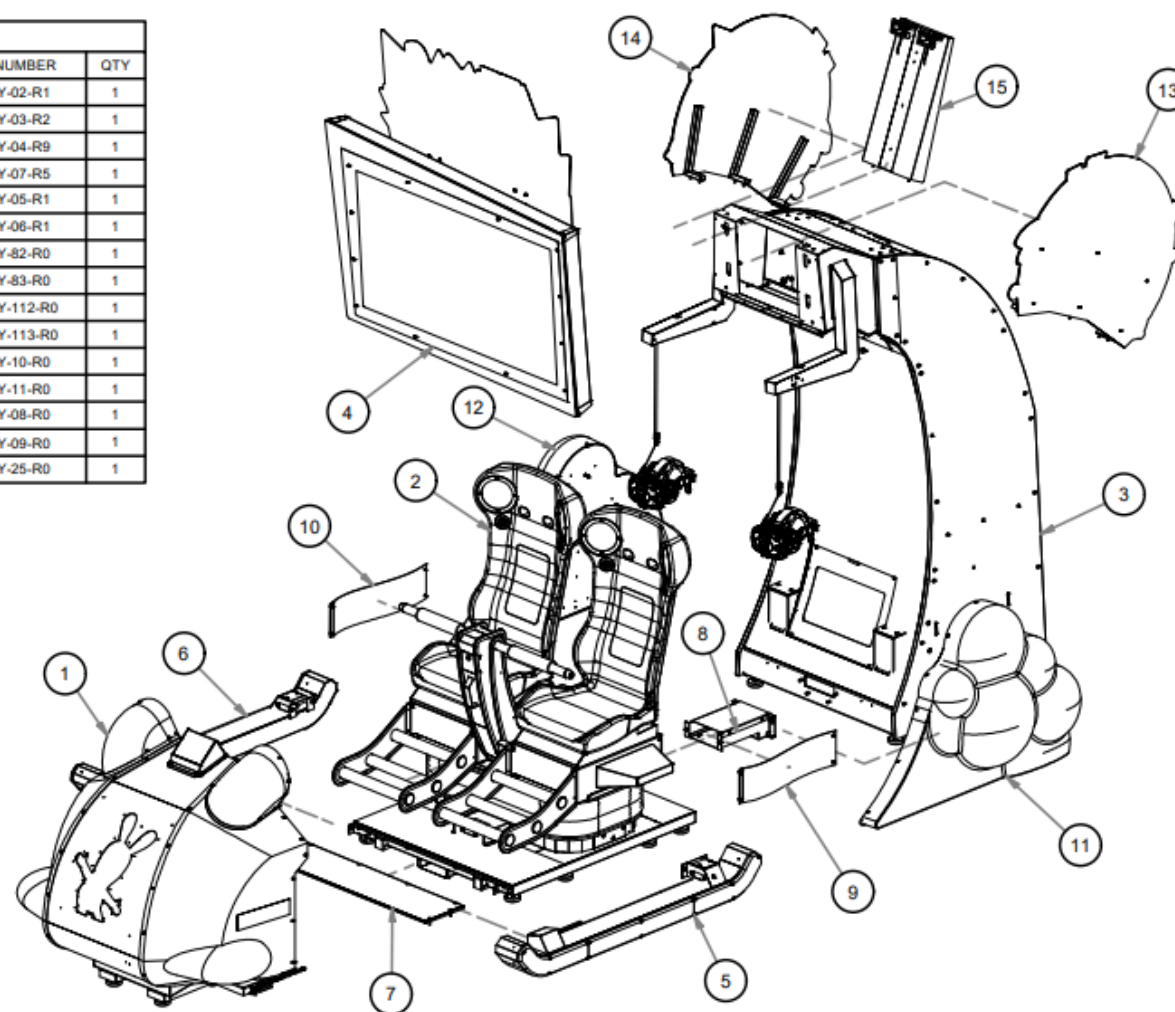|	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	Audio Noise Filter SNI1-3-5-742260578	EA0839	1
2	Noise Filter Bracket- COATED	RHD_FC-56-R0	1
3	Button Head Socket Screw M6 x 15- Stainless	HF0605B	1
4	Spring Lock Washer M6- Stainless	HF1077A	1
5	Flat Washer M6- Stainless	HF1067D	1
6	Flange Nut M6-Stainless	HF1027A	1
7	3.5mm Jack AUX Cord Male to Male Stereo Audio Cable 1.5Meters	EC2315A	1
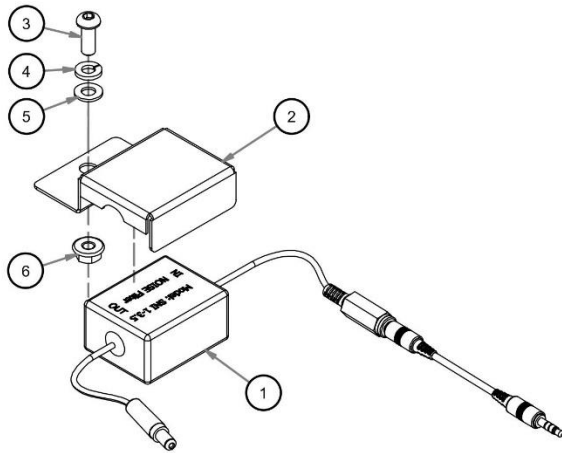
USB TO RS485 MODULE ASSY

	PARTS LIST		
ITEM	DESCRIPTION	PART NUMBER	QTY
1	USB to RS485 Module FT232 Chip Converter, USB to TTL/RS485	EA1966	1
2	Base Protector PCB	RHD_FP-27-R0	1
3	Clamp Protector PCB	RHD_FP-28-R0	1
4	Flat Head Phillips Screw #6 x 1-1/4"	HF4605	4
5	Round Spacer M4 x 10mm	EP0623	4

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MAIN ASSEMBLY

PARTS LIST			
ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASSY-Front Sled Cabinet	RHD_ASSY-02-R1	1
2	ASSY-Motion Base	RHD_ASSY-03-R2	1
3	ASSY-Main Tower [STANDARD]	RHD_ASSY-04-R9	1
4	ASSY-Monitor MAIN	RHD_ASSY-07-R5	1
5	ASSY-Playform Ski Board L	RHD_ASSY-05-R1	1
6	ASSY-Playform Ski Board R	RHD_ASSY-06-R1	1
7	ASSY-Cover Cable Front	RHD_ASSY-82-R0	1
8	ASSY-Cover Cable Back	RHD_ASSY-83-R0	1
9	ASSY-Keep Out Sign LH	RHD_ASSY-112-R0	1
10	ASSY-Keep Out Sign RH	RHD_ASSY-113-R0	1
11	ASSY-Dust Cloud L	RHD_ASSY-10-R0	1
12	ASSY-Dust Cloud R	RHD_ASSY-11-R0	1
13	ASSY-Header Sign L	RHD_ASSY-08-R0	1
14	ASSY-Header Sign R	RHD_ASSY-09-R0	1
15	ASSY-Tower Upper LED	RHD_ASSY-25-R0	1

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SLED FRONT FRAME ASSY

PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Sled Main Frame- COATED	RHD_FC-25A-R0	1
2	Plastic Sled L- SPRAY PAINT	RHD-SP-12-L-R0	1
3	Plastic Sled R- SPRAY PAINT	RHD-SP-12-R-R0	1
4	ASSY-Box LED Logo	RHD_ASSY-45-R0	1
5	ASSY-Duct Fan L	RHD_ASSY-48-R0	1
6	ASSY-Duct Fan R	RHD_ASSY-49-R0	1
7	ASSY-Blower Cover L	RHD_ASSY-50-R0	1
8	ASSY-Blower Cover R	RHD_ASSY-51-R0	1
9	Button Head Socket Screw M4 x 15- Stainless	HF0405B	22
10	Spring Lock Washer M4- Stainless	HF1075A	22
11	Flat Washer M4- Stainless	HF1065B	22
12	D-Box Logo-STICKER	RHD-SS-017-RX	2

SLED CABINET ASSY

PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASSY-Front Sled Frame	RHD_ASSY-40-R0	1
2	ASSY-Sled Cover	RHD_ASSY-12-R0	1
3	ASSY-Sled Support Frame	RHD_ASSY-41-R0	1
4	ASSY-Front Sled BaseStation	RHD_ASSY-16-R1	1
5	ASSY-Box Mesh	RHD_ASSY-56-R0	1

174
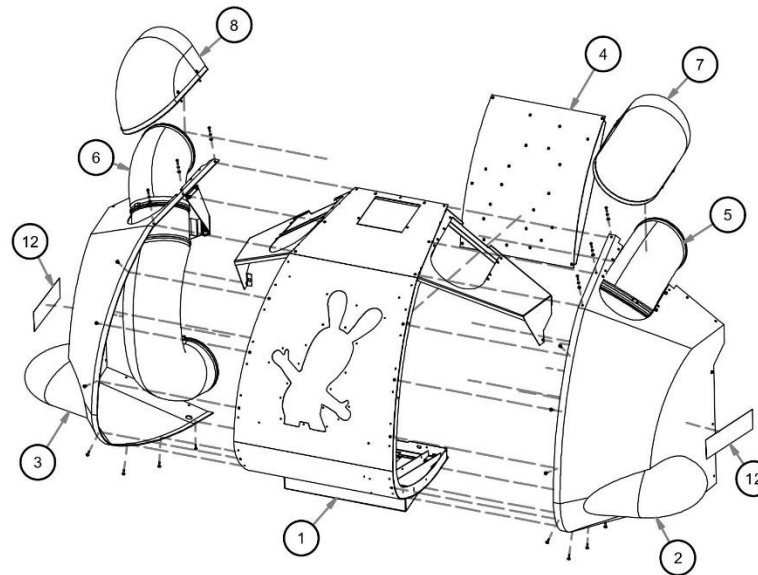
MECHANICAL DRAWINGS – VIRTUAL RABBIDS ULTRA HD COMPACT

MAIN ASSEMBLY COMPACT VERSION UHD

ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASSY-Front Sled Cabinet	RHD_ASSY-02-R1	1
2	ASSY-Motion Base	RHD_ASSY-03-R2	1
3	ASSY-Main Tower [STANDARD]	RHD_ASSY-04-R9	1
4	ASSY- Monitor 32 in	RHDC_ASSY-03-R0	1
5	ASSY-Cover Cable Front	RHD_ASSY-82-R0	1
6	ASSY-Playform Ski Board L	RHD_ASSY-05-R1	1
7	ASSY-Playform Ski Board R	RHD_ASSY-06-R1	1
8	ASSY-Cover Cable Back	RHD_ASSY-83-R0	1
9	ASSY-Keep Out Sign LH	RHD_ASSY-112-R0	1
10	ASSY-Keep Out Sign RH	RHD_ASSY-113-R0	1
11	ASSY-Dust Cloud L	RHD_ASSY-10-R0	1
12	ASSY-Dust Cloud R	RHD_ASSY-11-R0	1

175
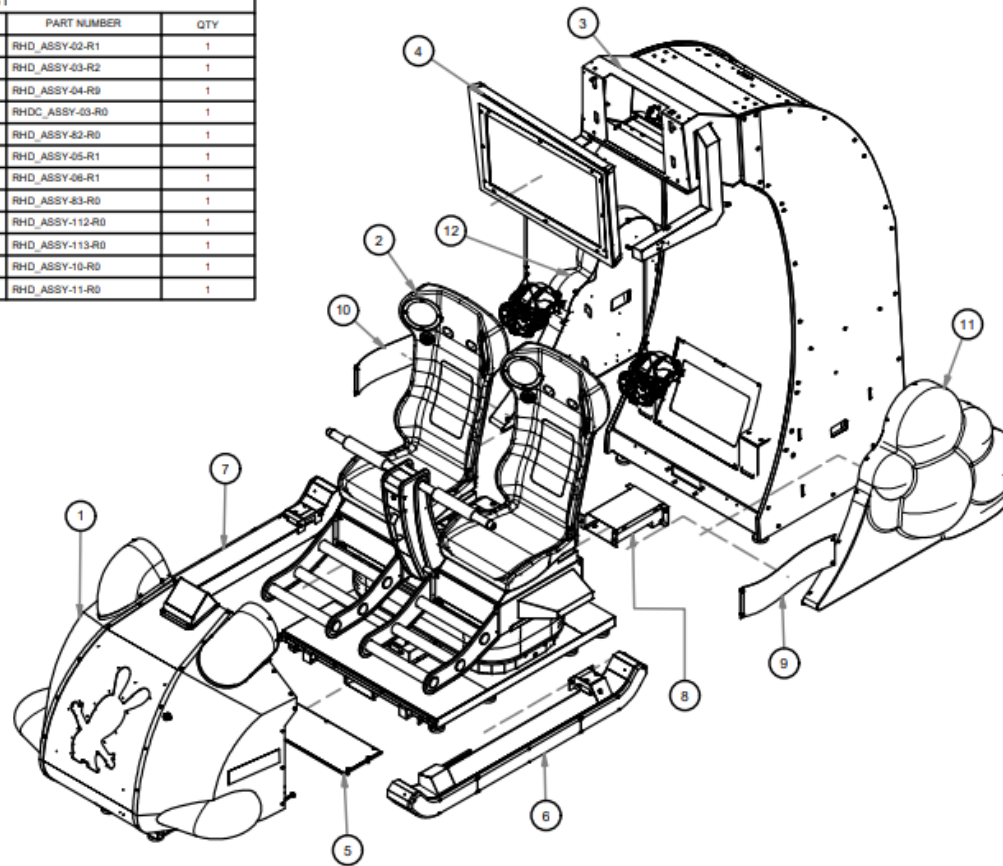
MONITOR 32 IN ASSEMBLY

ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASSY-Main Monitor 32 in	RHDC_ASSY-04-R0	1
2	ASSY-Frame Monitor 32 in	RHDC_ASSY-05-R0	1
3	ASSY-Acrylic Monitor 32 in	RHDC_ASSY-06-R0	1
4	Flange Nut M5-Stainless	HF1026A	4
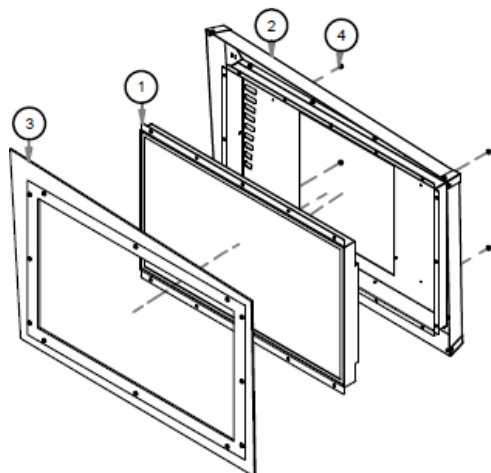
FRAME MONITOR 32 IN ASSEMBLY

PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	QTY
1	ASW-Bracket Monitor 32 in-COATED	RHDC_FC-01-R0	1
2	Back Cover Monitor 32 in 1-COATED	RHDC_FC-03-R0	1
3	Back Cover Monitor 32 in 2-COATED	RHDC_FC-04-R0	1
4	Back Cover Monitor 32 in 3-COATED	RHDC_FC-05-R0	1
5	Back Cover Monitor 32 in 4-COATED	RHDC_FC-06-R0	1
6	Back Cover Monitor 32 in 4-COATED	RHDC_FC-07-R0	1
7	Clamp Cover Monitor 32 in 1-COATED	RHDC_FC-08-R0	1
8	Clamp Cover Monitor 32 in 2-COATED	RHDC_FC-09-R0	1
9	Clamp Cover Monitor 32 in 3-COATED	RHDC_FC-10-R0	1
10	Clamp Cover Monitor 32 in 4-COATED	RHDC_FC-11-R0	1
11	Pop Rivet M4 x 8-Stainless	HF6021	16
12	Flange Nut M4- Stainless	HF1025A	17
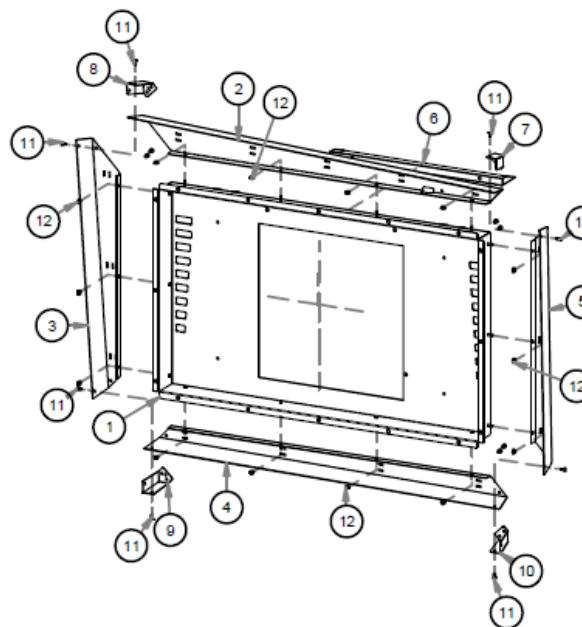
MONITOR 32 IN

PARTS LIST

ITEM	DESCRIPTION	PART NUMBER	QTY
1	Monitor 32 in	SEE REMARKS	1
2	ASW-Cover Monitor 32 in-COATED	RHDC_FC-13-R0	1
3	ASSY-PCB power Supply Monitor	RHDC-ASSY-07-R0	1
4	ASSY-PCB Display Plug Monitor	RHDC-ASSY-08-R0	1
5	ASSY-PCB Main Menu Monitor	RHDC-ASSY-09-R0	1
6	Cover Frame Monitor 32 in-COATED	RHDC_FC-14-R0	1
7	Plug Power Monitor	SEE REMARKS	1
8	Button Head Socket Screw M4 x 10- Stainless	HF0403B	8
9	Pan Head Phillip Screw M3 x 10 Stainless	HF0363A	2
10	Spring Lock Washer M4- Stainless	HF1075A	8
11	Flat Washer M4- Stainless	HF1065B	8
12	Flange Nut M3-Stainless	HF1024A	2
13	Flange Nut M4- Stainless	HF1025A	8
21	DVI to HDMI Cable, 3Meters	EC2374	1
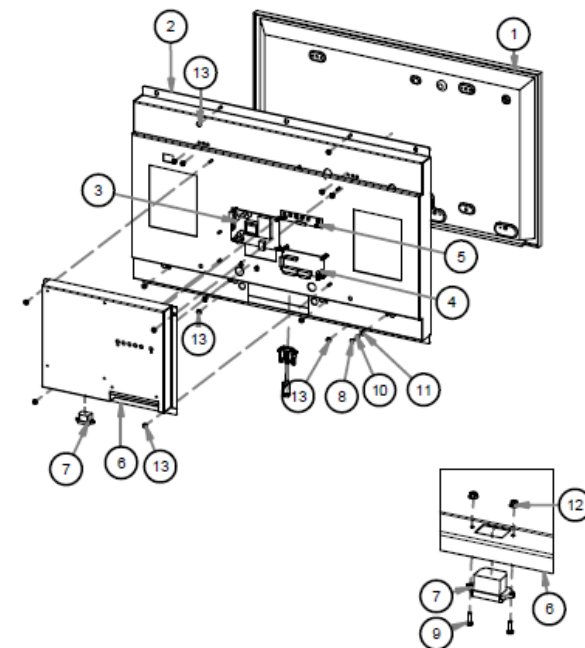
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