

design  
make  
play

# SutcliffePlay

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## **Fantasy - Realm**

### **Installation Instructions**

### **FTW016**

# FTW016

## Installation Instructions

design  
make  
play  
**SutcliffePlay**

1. Check using the Parts List that none of the components are missing.
2. Plan the final position of the play equipment ensuring there is sufficient space.
3. Sort and identify parts before assembly.
4. Excavate the foundation holes in accordance with the plan. Ensuring post holes are levelled and chocked in at the bottom of the holes.
5. Position 2 x 300mm long spragging irons into the holes provided in each post upright and stand in the foundation holes.  
Do not tighten the fixing bolts until all the activities have been assembled.
6. Assemble the activities onto the posts as per the diagrams in this document. Leave fixing bolts loose until all the activities have been assembled. Ground fixed activities need 200mm spragging irons positioned through their holes.
7. Assemble the slide as per the diagrams in this document.
8. When all activities have been assembled, tighten all the fixings, attach nut covers where necessary, ensure the unit is level and the posts are vertical.
9. Fill the foundation holes to the required depth with concrete.
10. Do not allow the equipment to be used until the concrete has set (2 - 3 days) and the required safety surfacing has been installed.
11. Tighten all fixing bolts.
12. Follow the maintenance instructions supplied.

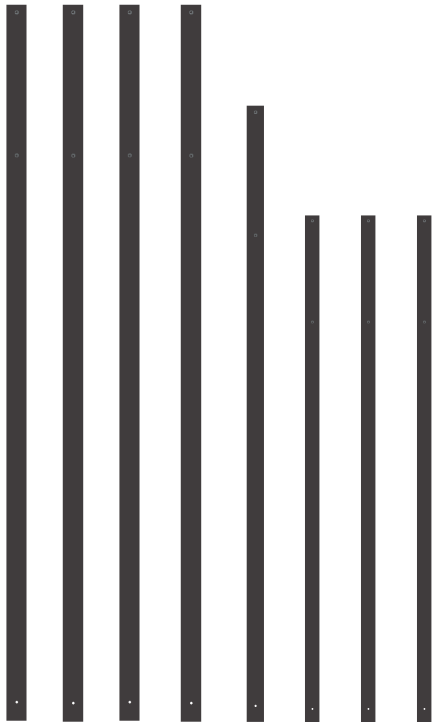
### NB:

1. Slide runouts should be inclined downwards by approximately 2 degrees for drainage purposes.
2. During installation care must be taken to prevent hazards to children.
3. Extra care should be taken if conditions are abnormal.

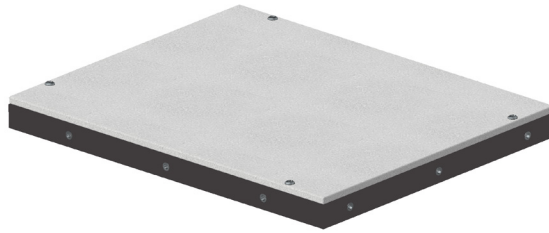
# FTW016

## Parts List

design  
make  
play  
**SutcliffePlay**



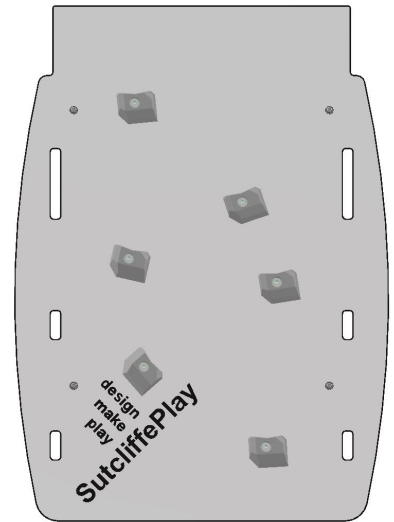
**FTP016 x1**  
**Set of 8 Posts**



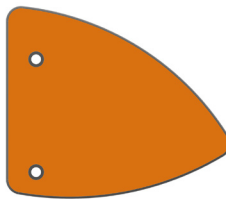
**Ftd003 x2**



**Fta015 x4**



**Fta010 x1**



**Fta001 x1**



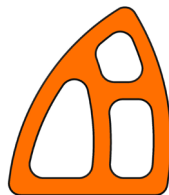
**Fta011 x1**



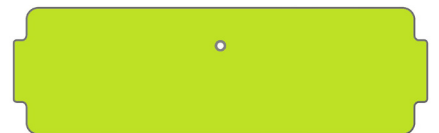
**Fta009 x2**



**Fta013 x3**



**Fta014 x3**



**Fta012 x1**



**FTW016F x1**



**Fta032 x1**

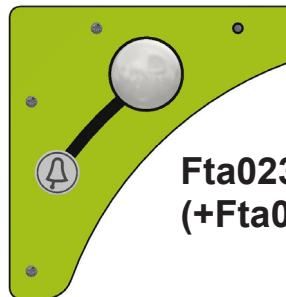
# FTW016

## Parts List

design  
make  
play  
**SutcliffePlay**



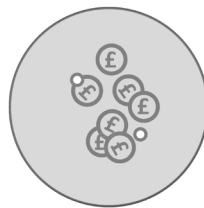
**Fta021 x1**



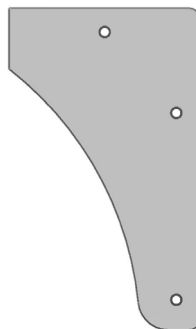
**Fta023 x1**  
(+Fta024, Pzb678)



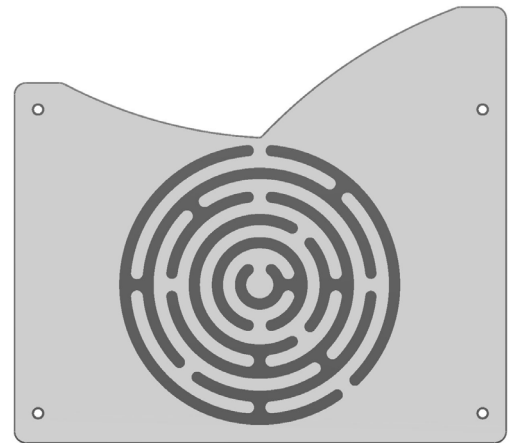
**Fta026 x1**



**Fta022 x1**

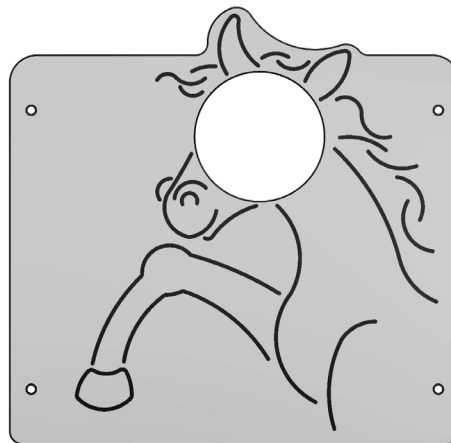
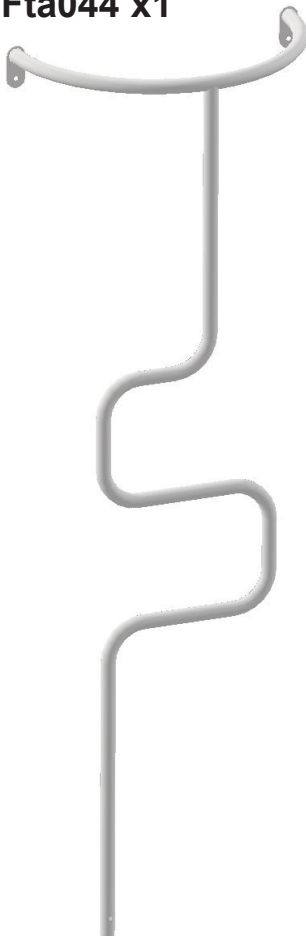


**Fta025 x1**

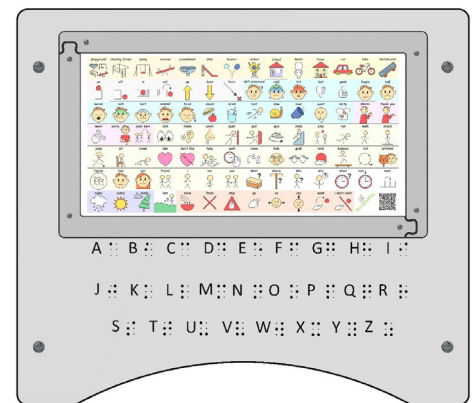


**Fta027 x1**

**Fta044 x1**



**Fta051 x1**



**Fta052 x1**  
(+Pzb659,660,661)



**Fta040 x1**



**Fta041 x1**



**Fta099 x2**

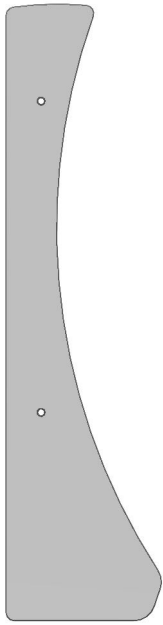
# FTW016

## Parts List

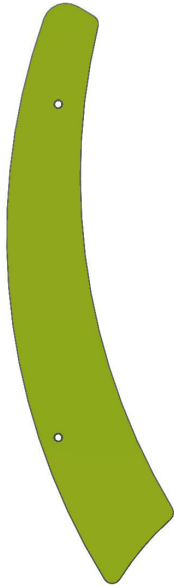
design  
make  
play  
**SutcliffePlay**



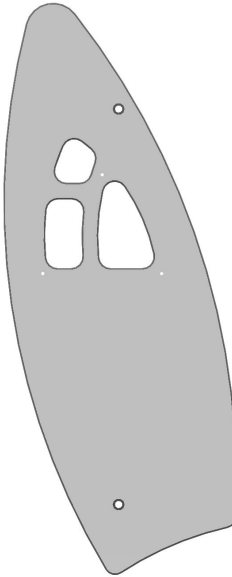
**Fta034 x2**



**Fta035 x2**



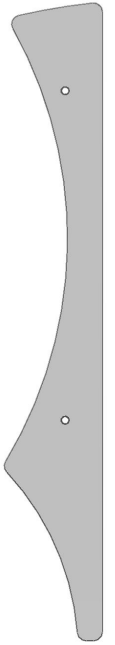
**Fta036 x2**



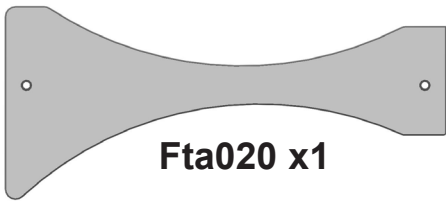
**Fta037 x2**



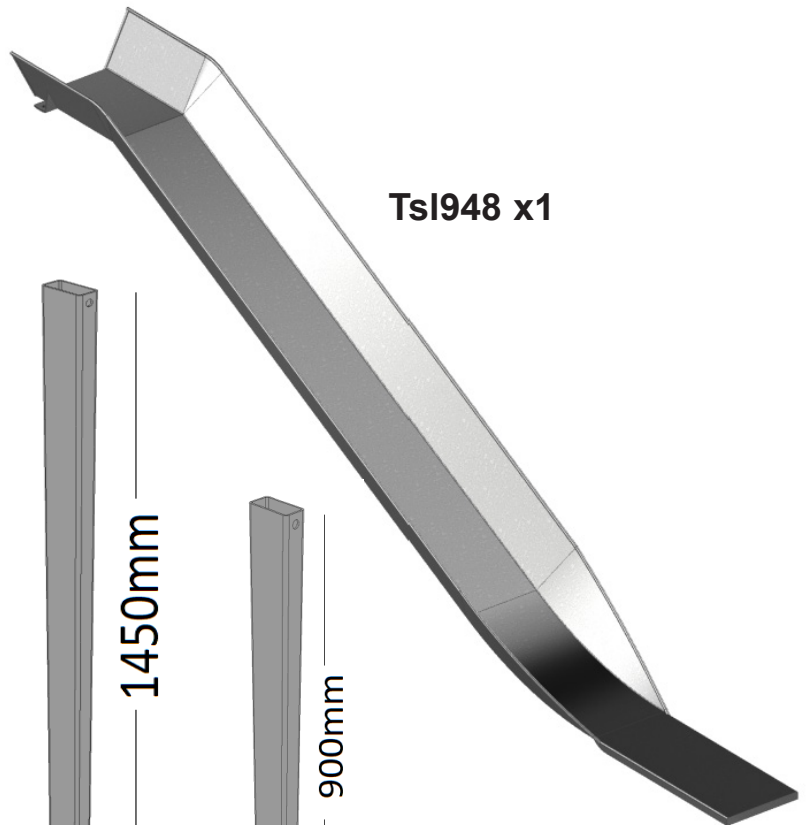
**Fta038 x2**



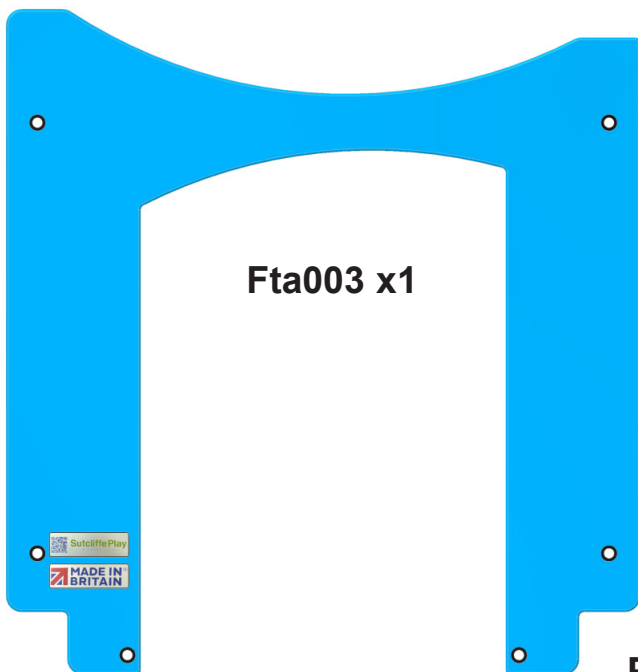
**Fta039 x2**



**Fta020 x1**



**Tsl948 x1**



**Fta003 x1**



**Ped110 x1**

1450mm



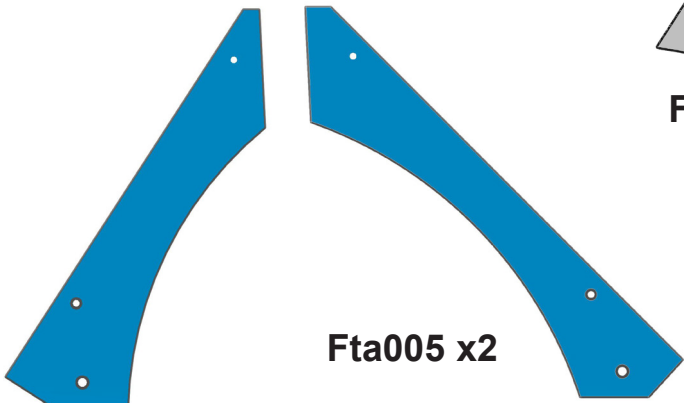
**Ped100 x1**

900mm

# FTW016

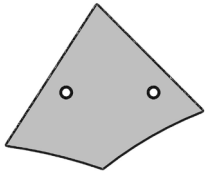
## Parts List

design  
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play  
**SutcliffePlay**

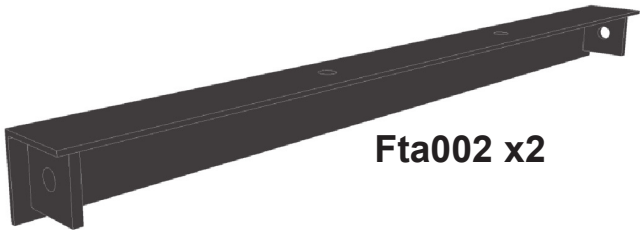


**Fta004 x2**

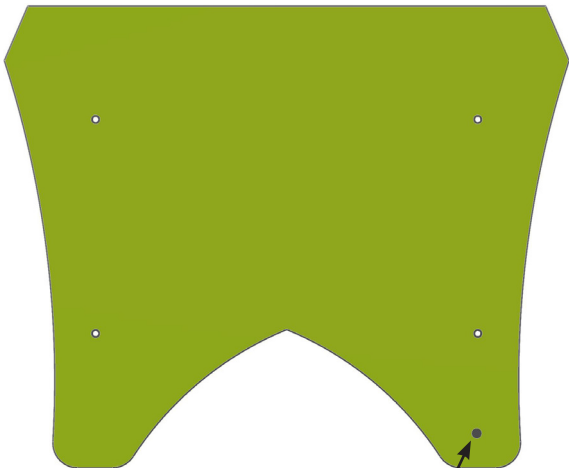
**Fta005 x2**



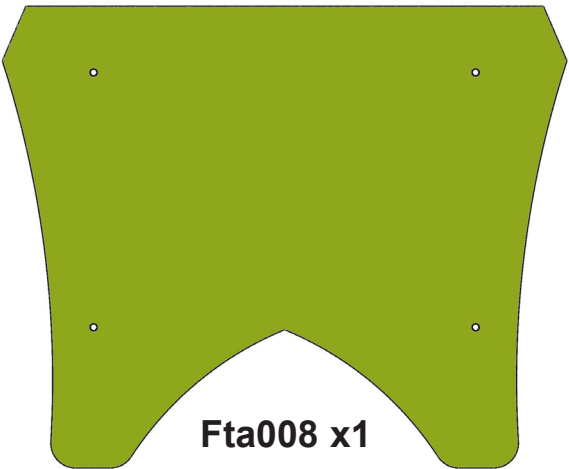
**Fta006 x2**



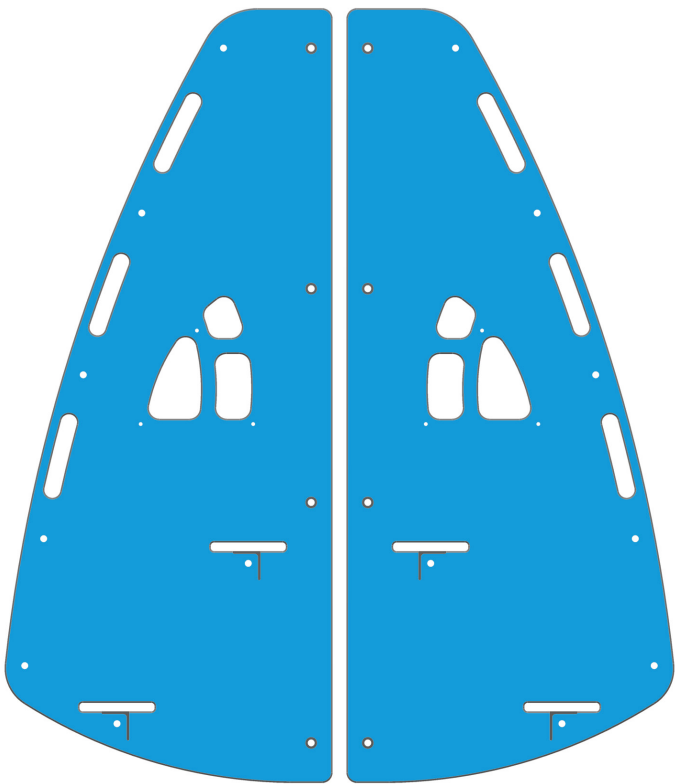
**Fta002 x2**



**Fta007 x1**  
**Identification Mark**



**Fta008 x1**

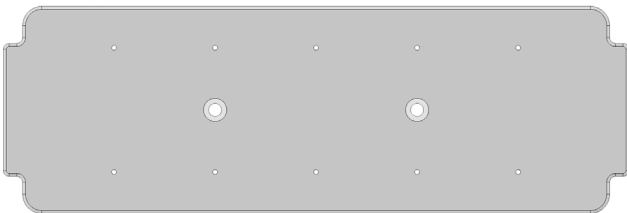


**Fta095 x1**

**Fta096 x1**



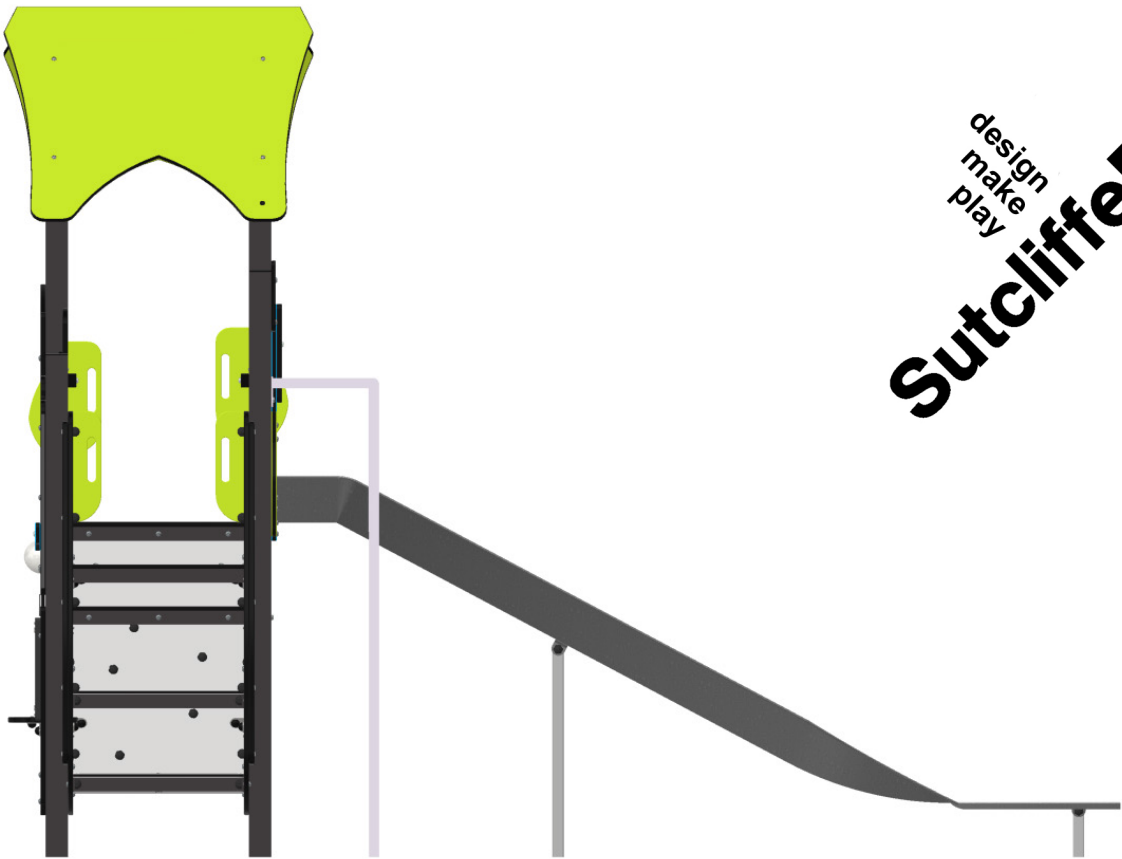
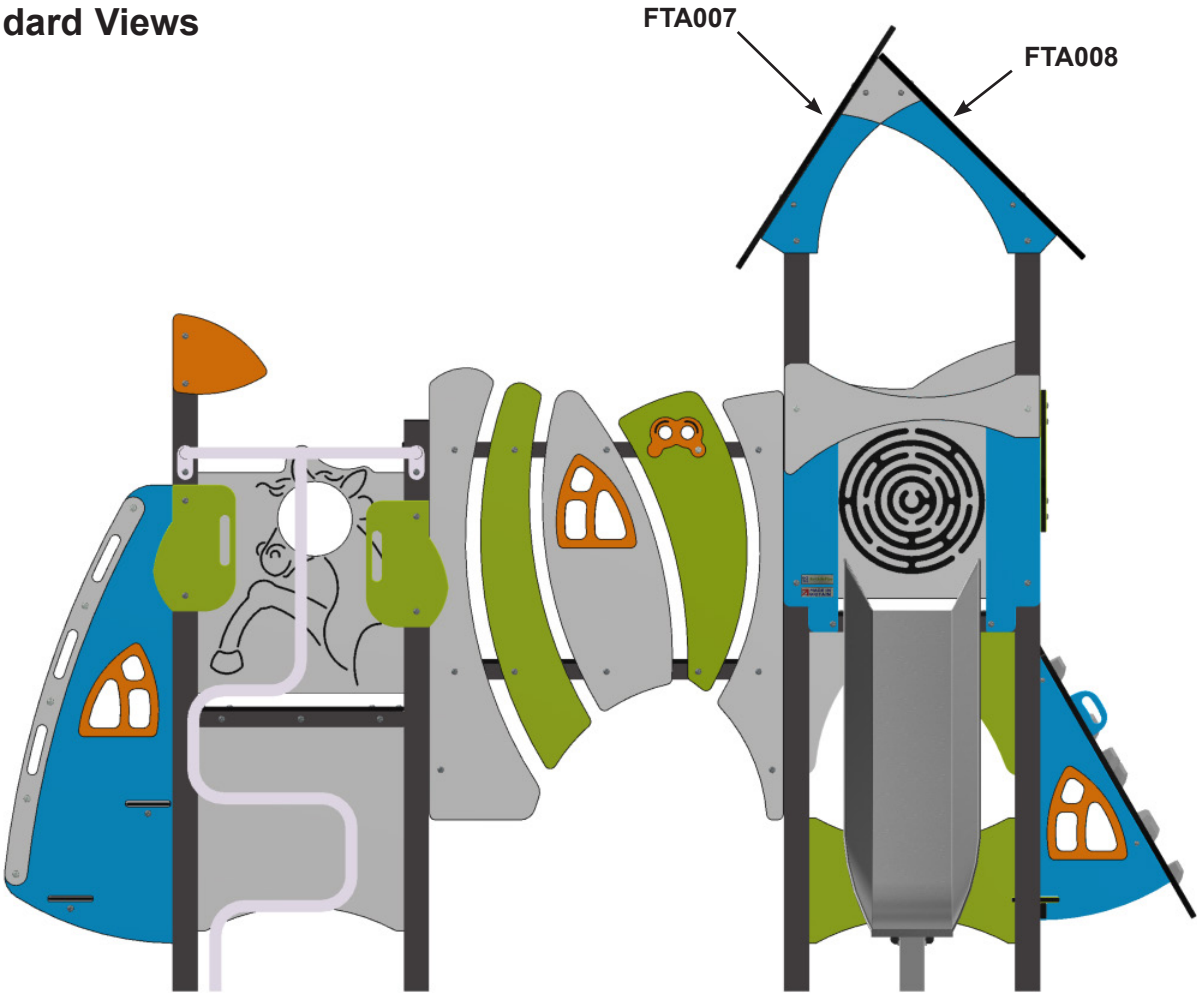
**Fta098 x2**



**Fta097 x2**

# FTW016

## Standard Views

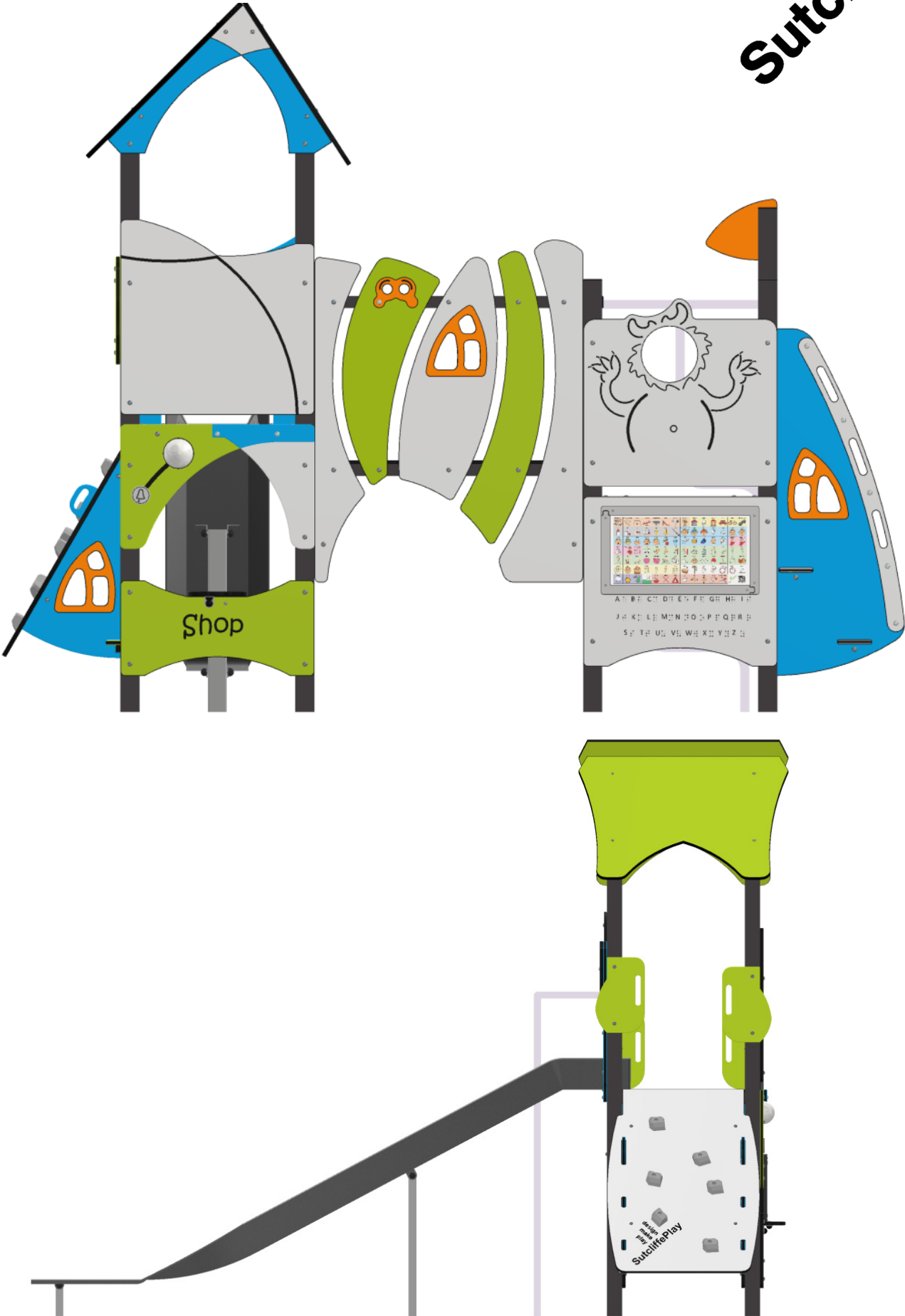


design  
make  
play  
**SutcliffePlay**

# FTW016

Standard Views

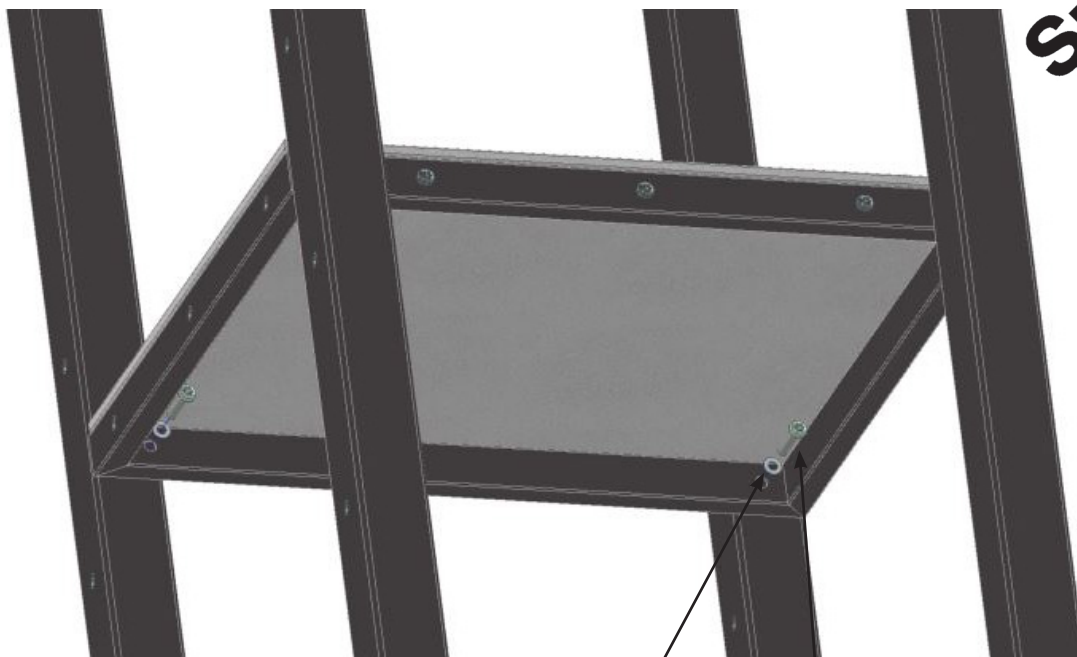
design  
make  
play  
**SutcliffePlay**



# FTW016

## Deck Fixings

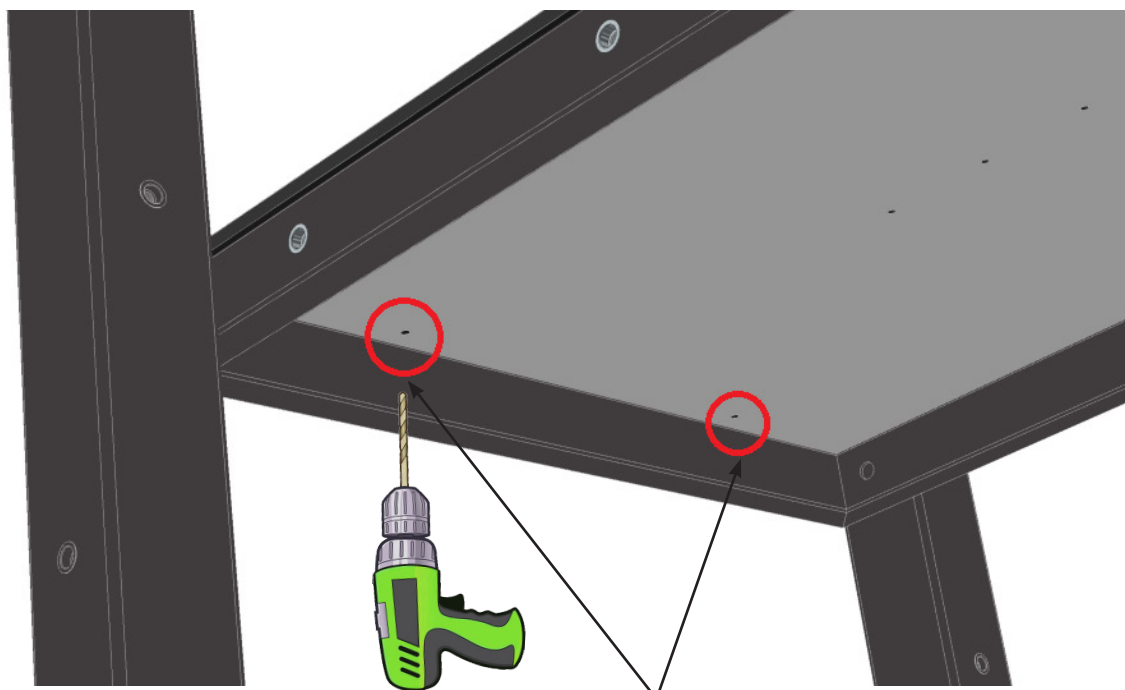
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play  
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| Ref    | Description            | Qty |
|--------|------------------------|-----|
| WSR040 | M10 Plain Washer       | 4   |
| FIX160 | M10 x 50 Security Bolt | 4   |

WSR040

WSR040



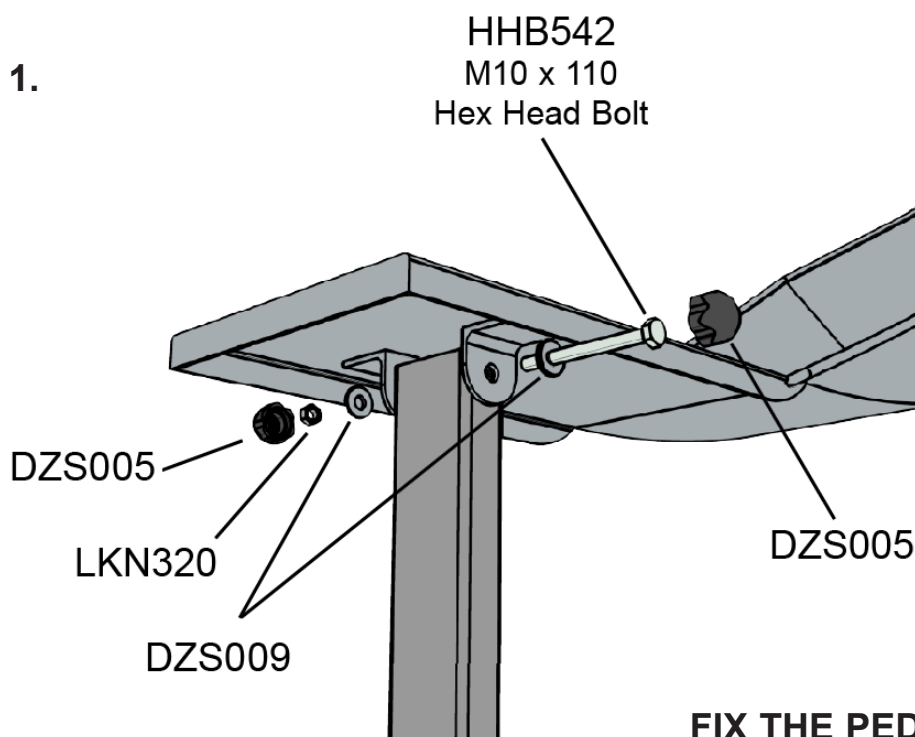
Guided by the pilot holes, drill 10mm diameter holes through the deck only on the side where the slide is to be fixed.

# FTW016

## Slide Assembly

design  
make  
play  
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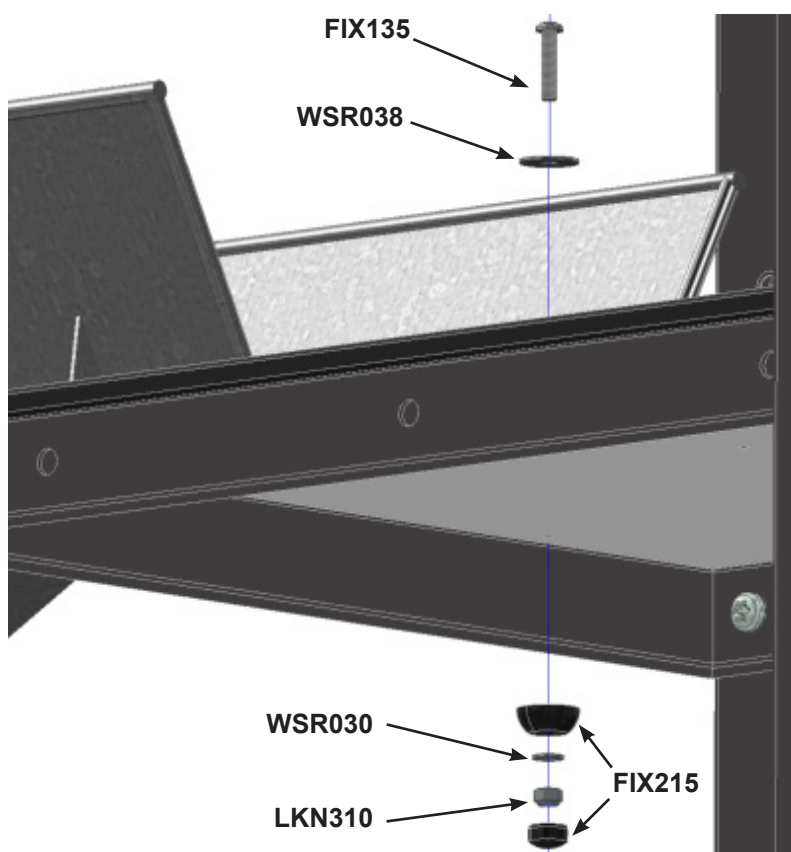
1.



**FIX THE PEDESTALS TO THE SLIDE  
AND THE SLIDE TO THE DECK AS  
ILLUSTRATED, IN TWO POSITIONS.**

2.

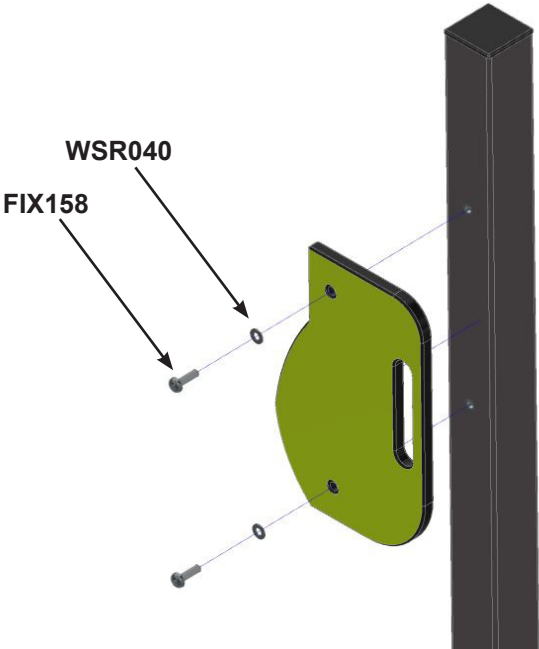
| Ref    | Description             | Qty |
|--------|-------------------------|-----|
| HHB542 | M10 x 110 Hex Head Bolt | 2   |
| LKN320 | M10 Nyloc Nut           | 2   |
| DZS009 | Stepped Washer          | 4   |
| DZS005 | M10 Nut Cover           | 4   |
| WSR038 | M8 Large Washer         | 2   |
| FIX135 | M8 x 35 Security Bolt   | 2   |
| FIX215 | M8 2 Part Nut Cover     | 2   |
| WSR030 | M8 Small Washer         | 2   |
| LKN310 | M8 Nyloc Nut            | 2   |



# FTW016

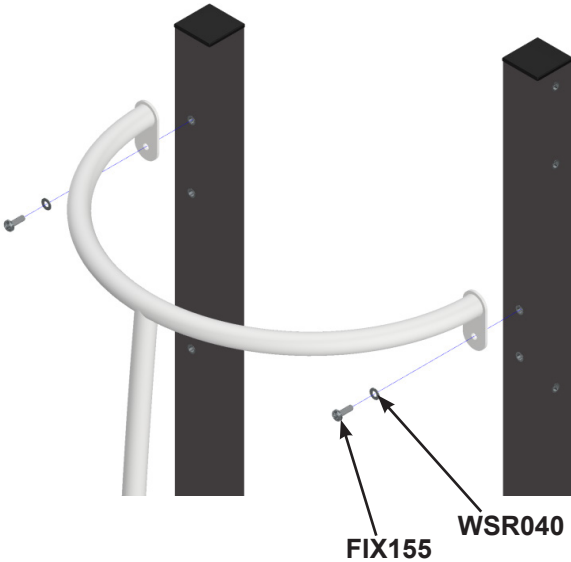
## Standard Fixings

### 19mm THK Panel to Framework.



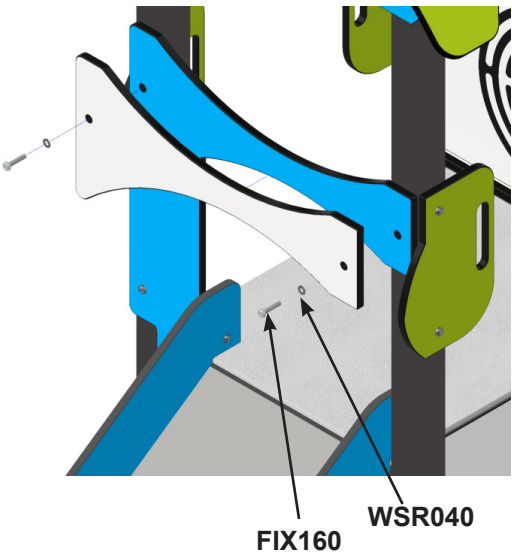
| Ref    | Description            | Qty |
|--------|------------------------|-----|
| WSR040 | M10 Plain Washer       | 1   |
| FIX158 | M10 x 35 Security Bolt | 1   |

### 5mm Plates to Framework.



| Ref    | Description            | Qty |
|--------|------------------------|-----|
| WSR040 | M10 Plain Washer       | 1   |
| FIX155 | M10 x 30 Security Bolt | 1   |

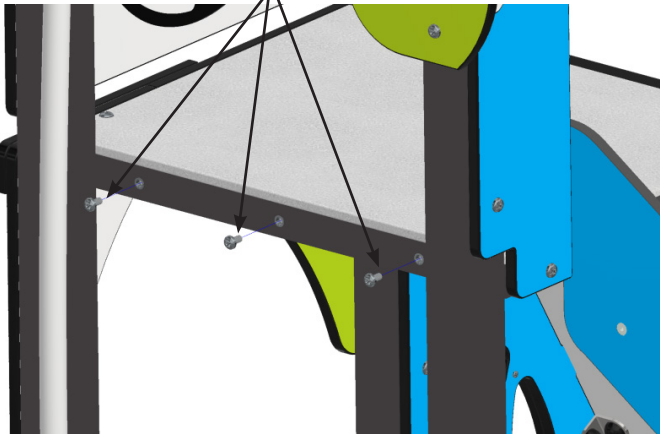
### 19mm 2 Layers Panel to Framework.



| Ref    | Description            | Qty |
|--------|------------------------|-----|
| WSR040 | M10 Plain Washer       | 1   |
| FIX160 | M10 x 50 Security Bolt | 1   |

### Capping Holes.

**FIX150**  
Cap all holes after unit is fully assembled.

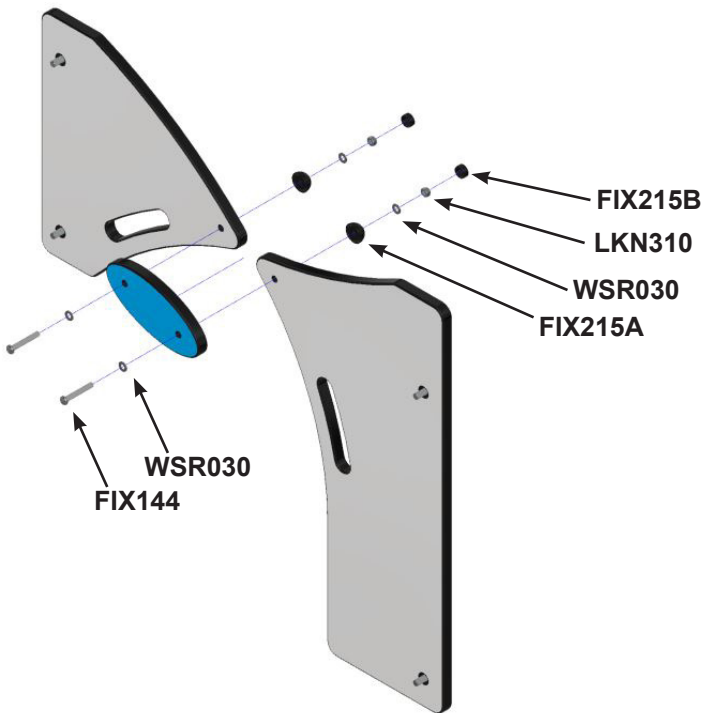


| Ref    | Description            |
|--------|------------------------|
| FIX150 | M10 x 20 Security Bolt |

# FTW016

## Assembly Fixings

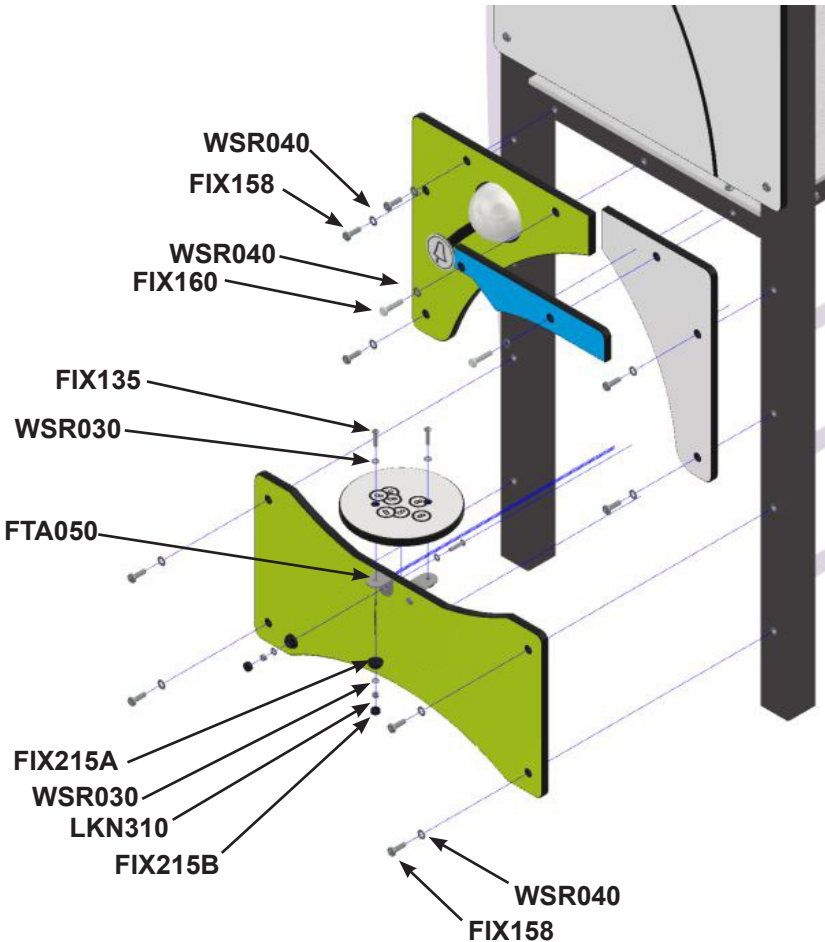
### Standard Entrance Fixings.



| Ref     | Description            | Qty |
|---------|------------------------|-----|
| WSR030  | M8 Plain Washer        | 4   |
| FIX144  | M8 x 55 Security Bolt  | 2   |
| FIX215A | M8 2 Part Cover - Base | 2   |
| LKN310  | M8 Nyloc Nut           | 2   |
| FIX215B | M8 2 Part Cover - Cap  | 2   |

### Shop Assembly.

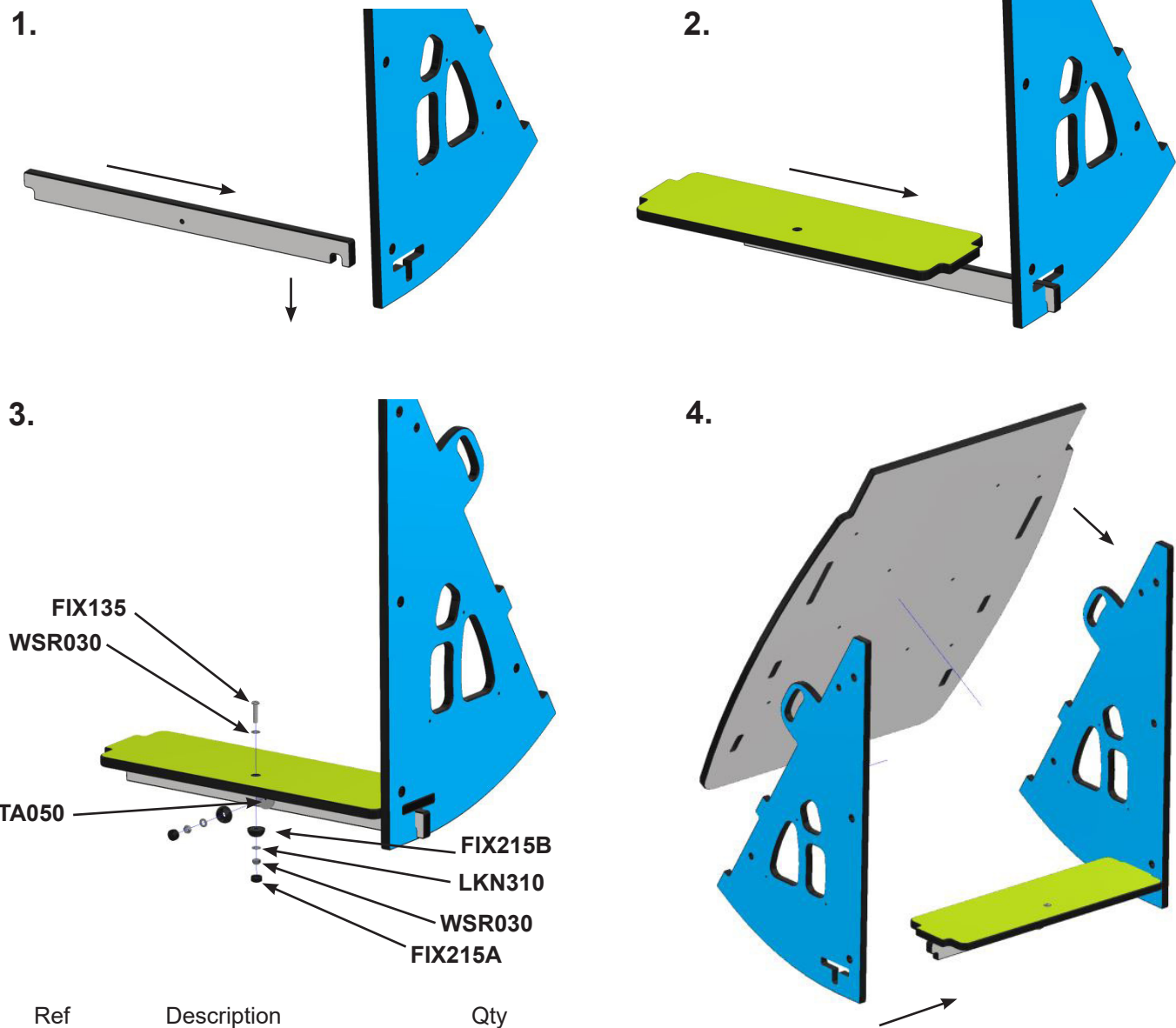
| Ref     | Description             | Qty |
|---------|-------------------------|-----|
| FIX158  | M10 x 35 Security Bolt  | 9   |
| FIX160  | M10 x 50 Security Bolt  | 2   |
| WSR040  | M10 Plain Washer        | 11  |
| WSR030  | M8 Plain Washer         | 8   |
| FIX135  | M8 x 35 Security Bolt   | 4   |
| FIX215A | M8 2 Part Cover - Base  | 4   |
| LKN310  | M8 Nyloc Nut            | 4   |
| FIX215B | M8 2 Part Cover - Cap   | 4   |
| FTA050  | L-Bracket 50 x 50 ST/ST | 2   |



# FTW016

## Assembly Fixings

### Climbing Wall Assembly.

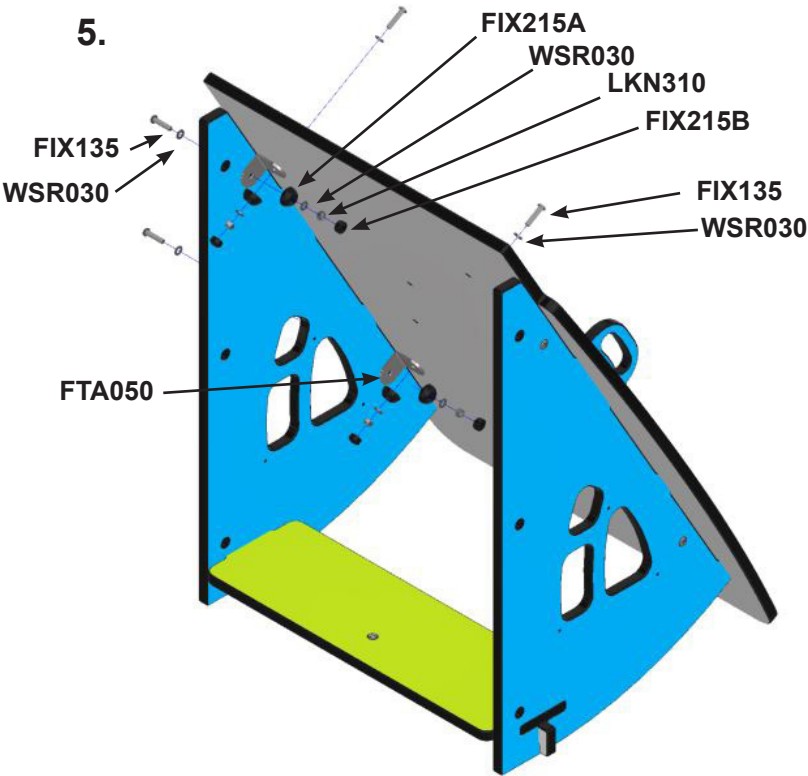


| Ref     | Description             | Qty |
|---------|-------------------------|-----|
| WSR030  | M8 Plain Washer         | 4   |
| FIX135  | M8 x 35 Security Bolt   | 2   |
| FIX215A | M8 2 Part Cover - Base  | 2   |
| LKN310  | M8 Nyloc Nut            | 2   |
| FIX215B | M8 2 Part Cover - Cap   | 2   |
| FTA050  | L-Bracket 50 x 50 St/St | 1   |

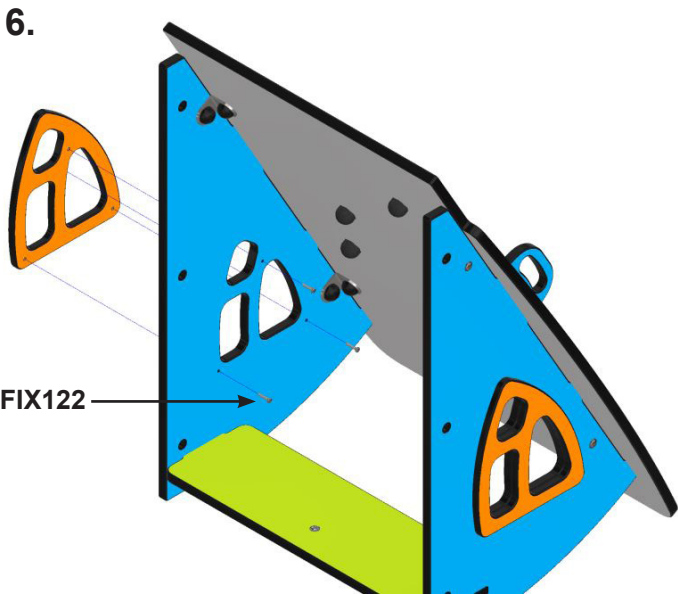
# FTW016

## Assembly Fixings

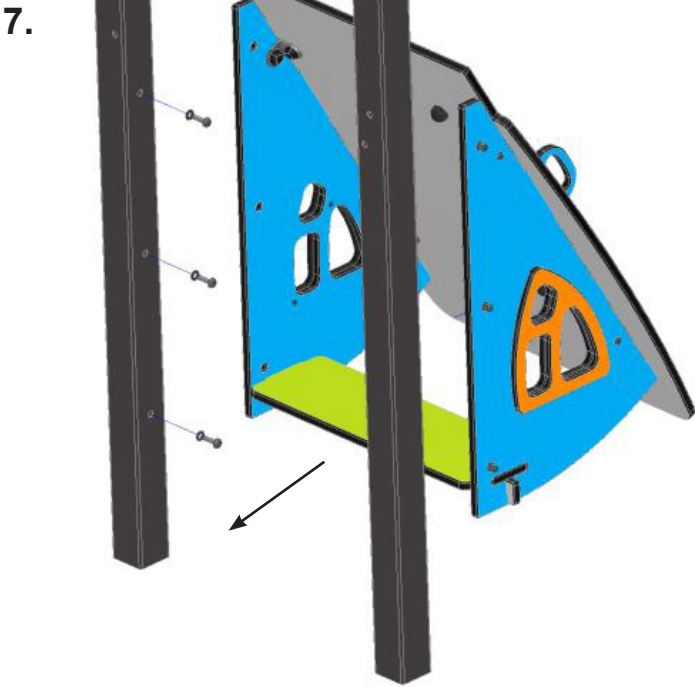
### Climbing Wall Assembly.



| Ref     | Description             | Qty |
|---------|-------------------------|-----|
| WSR030  | M8 Plain Washer         | 16  |
| FIX135  | M8 x 35 Security Bolt   | 8   |
| FIX215A | M8 2 Part Cover - Base  | 8   |
| LKN310  | M8 Nyloc Nut            | 8   |
| FIX215B | M8 2 Part Cover - Cap   | 8   |
| FTA050  | L-Bracket 50 x 50 St/St | 4   |



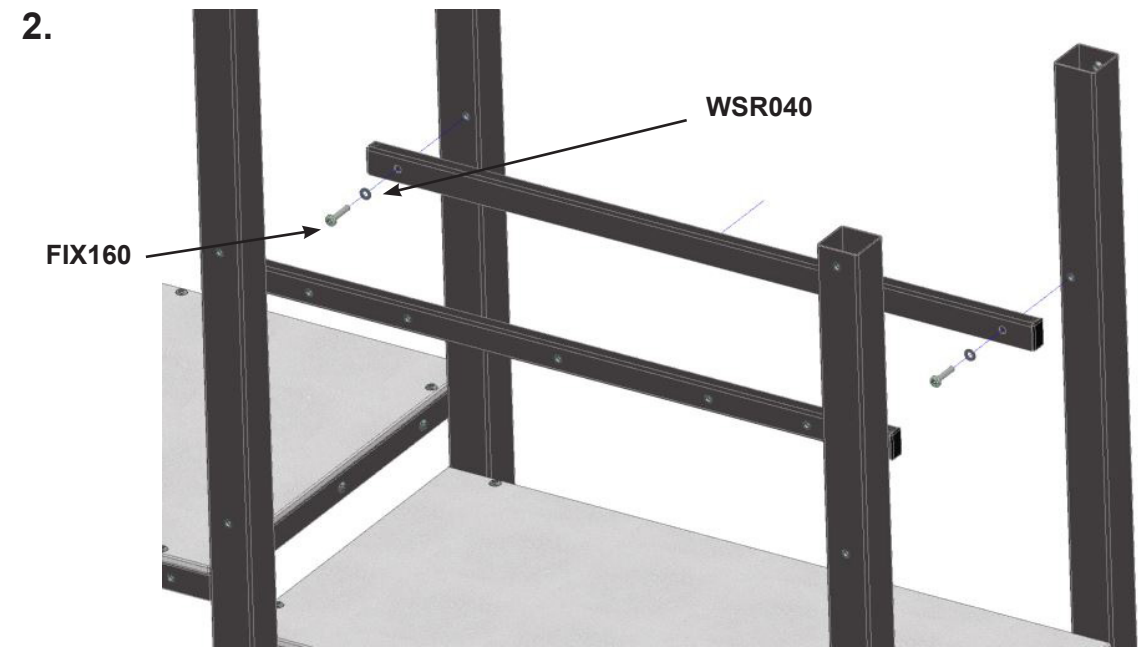
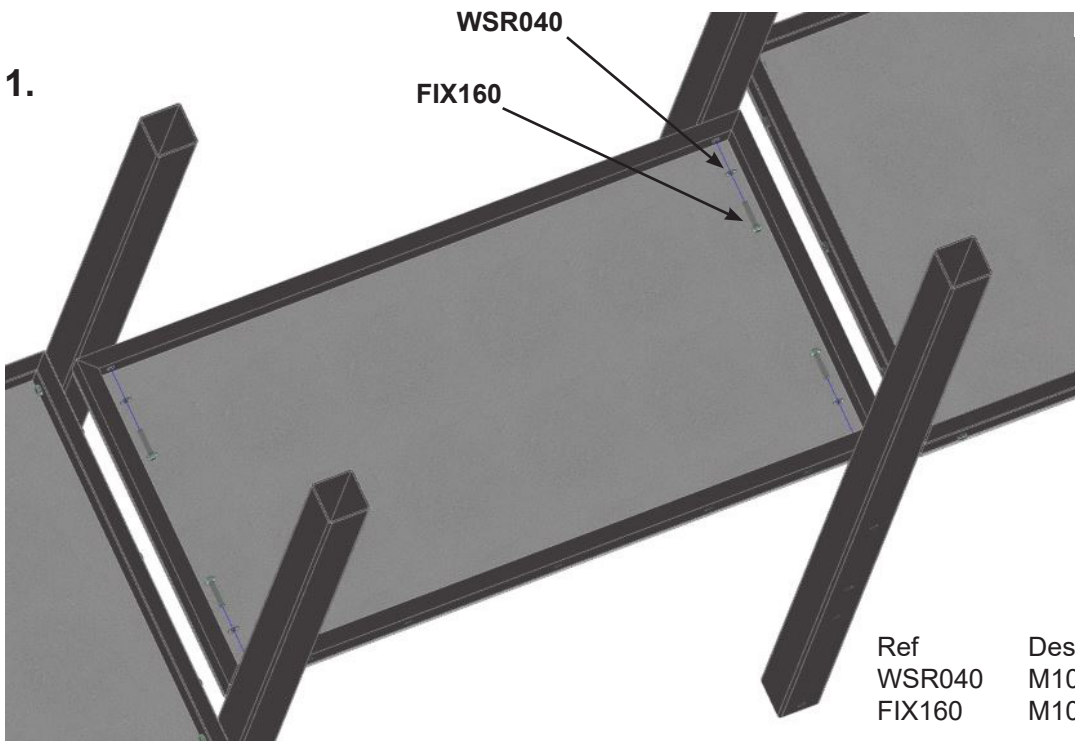
| Ref    | Description           | Qty |
|--------|-----------------------|-----|
| FIX122 | M5 x 25 Security Bolt | 6   |



| Ref    | Description            | Qty |
|--------|------------------------|-----|
| WSR040 | M10 Plain Washer       | 6   |
| FIX158 | M10 x 35 Security Bolt | 6   |

# FTW016

## Troll Bridge Assembly



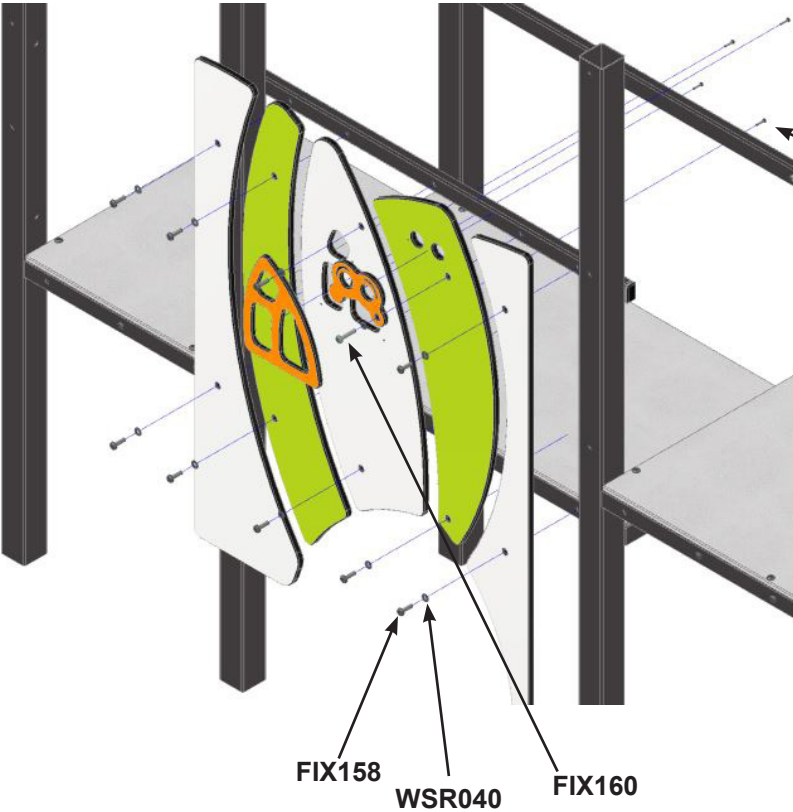
Qys shown per side.

# FTW016

## Troll Bridge Assembly

3.

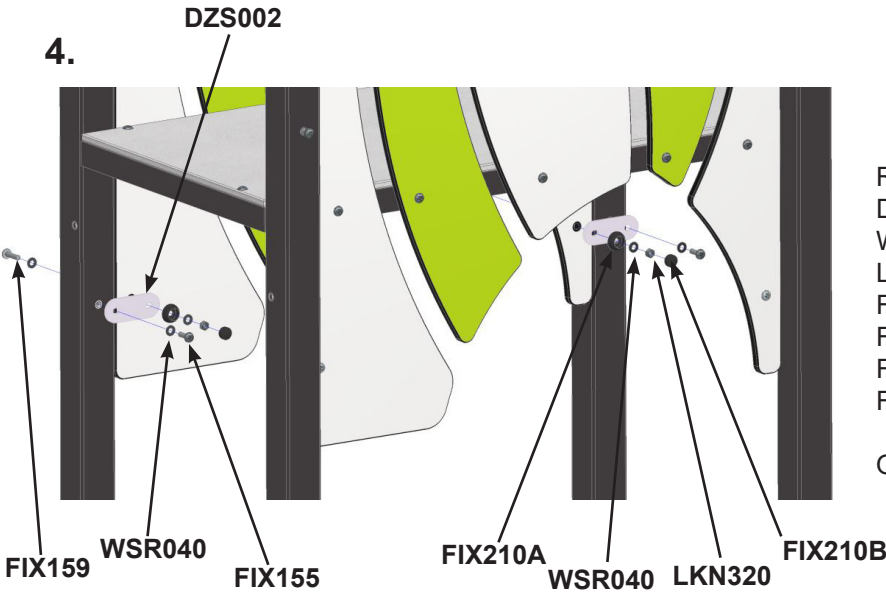
NOTE: Ensure gaps between panels are equally spaced at the top 40-45mm apart.



| Ref    | Description            | Qty |
|--------|------------------------|-----|
| WSR040 | M10 Plain Washer       | 10  |
| FIX160 | M10 x 50 Security Bolt | 1   |
| FIX158 | M10 x 35 Security Bolt | 9   |
| FIX122 | M5 x 25 Security Bolt  | 4   |

Qtys shown per side.

4.



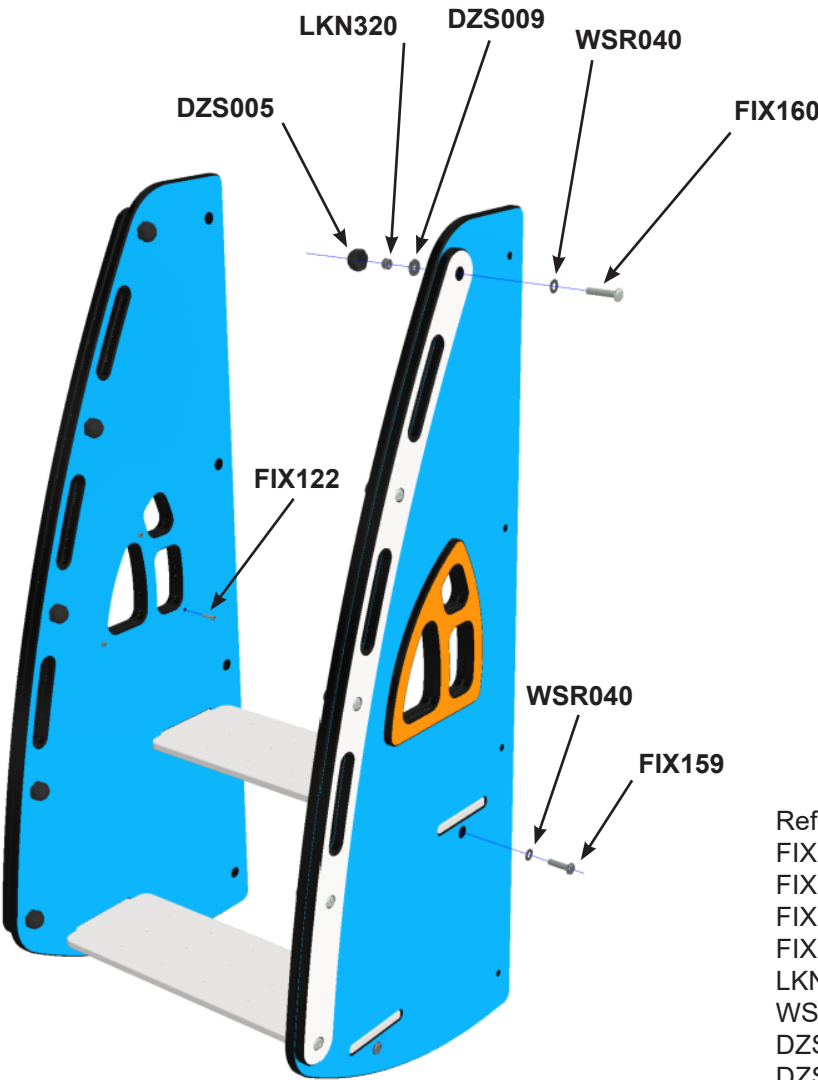
| Ref     | Description            | Qty |
|---------|------------------------|-----|
| DZS002  | TOT Mounting Plate     | 2   |
| WSR040  | M10 Plain Washer       | 6   |
| LKN320  | M10 Nyloc Nut          | 2   |
| FIX155  | M10 x 30 Security Bolt | 2   |
| FIX159  | M10 x 40 Security Bolt | 2   |
| FIX210A | M10 Nut Cover          | 2   |
| FIX210B | M10 Nut Cap            | 2   |

Qtys shown per side.

# FTW016

## Step Assembly

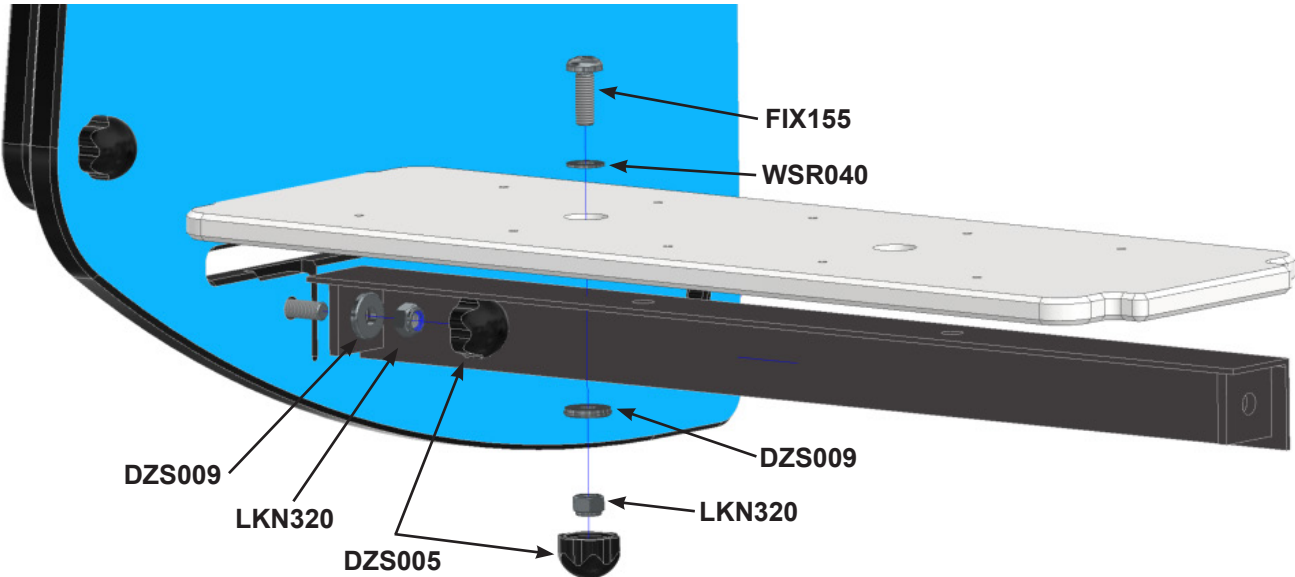
1.



| Ref    | Description            | Qty |
|--------|------------------------|-----|
| FIX122 | M5 x 25 Security Bolt  | 6   |
| FIX155 | M10 x 30 Security Bolt | 2   |
| FIX159 | M10 x 40 Security Bolt | 4   |
| FIX160 | M10 x 50 Security Bolt | 10  |
| LKN320 | M10 Nyloc Nut          | 16  |
| WSR040 | M10 Plain Washer       | 16  |
| DZS009 | M10 Step Washer        | 16  |
| DZS005 | M10 Nut Cover          | 16  |

Total fixings required for full set of steps.

2.

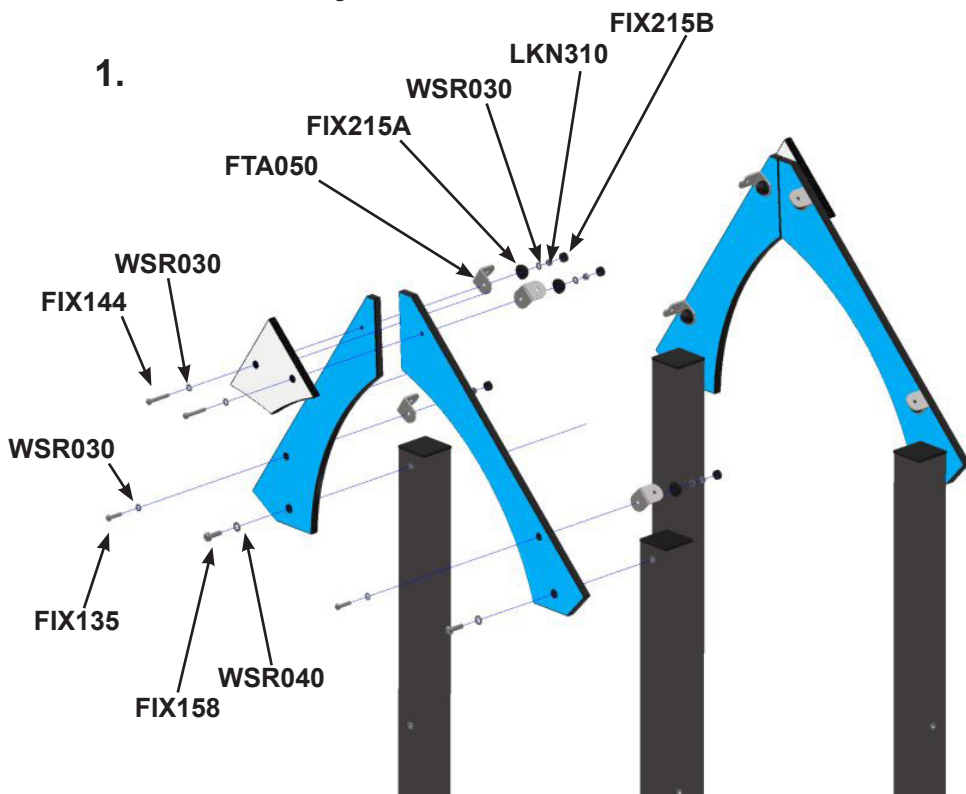


# FTW016

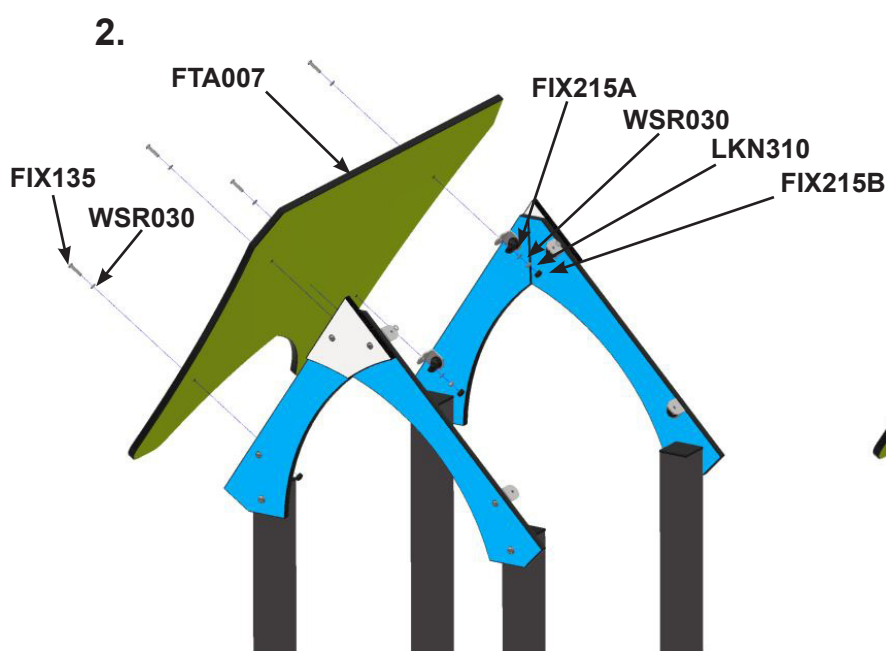
## Assembly Fixings

### Roof Assembly.

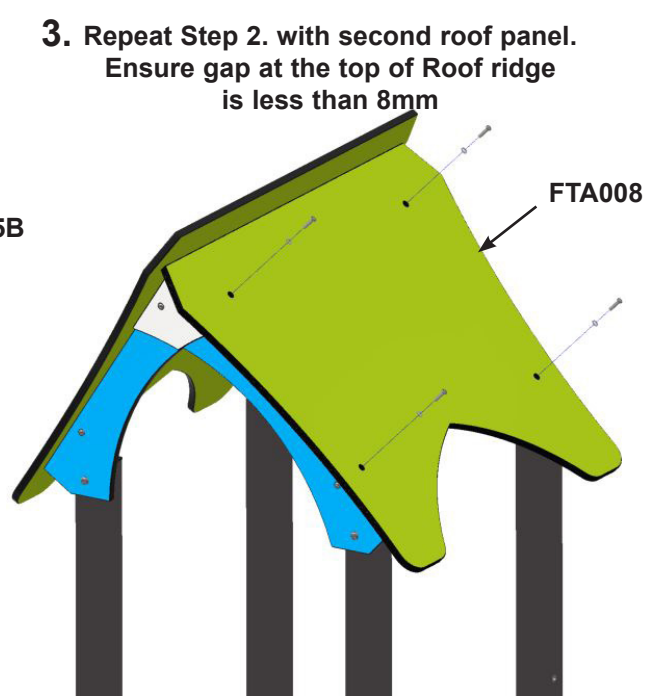
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| Ref     | Description             | Qty |
|---------|-------------------------|-----|
| WSR030  | M8 Plain Washer         | 16  |
| FIX135  | M8 x 35 Security Bolt   | 8   |
| FIX215A | M8 2 Part Cover - Base  | 8   |
| LKN310  | M8 Nyloc Nut            | 8   |
| FIX215B | M8 2 Part Cover - Cap   | 8   |
| FTA050  | L-Bracket 50 x 50 St/St | 8   |
| FIX158  | M10 x 35 Security Bolt  | 4   |
| WSR040  | M10 Plain Washer        | 4   |



| Ref     | Description            | Qty |
|---------|------------------------|-----|
| WSR030  | M8 Plain Washer        | 8   |
| FIX135  | M8 x 35 Security Bolt  | 4   |
| FIX215A | M8 2 Part Cover - Base | 4   |
| LKN310  | M8 Nyloc Nut           | 4   |
| FIX215B | M8 2 Part Cover - Cap  | 4   |



| Ref     | Description            | Qty |
|---------|------------------------|-----|
| WSR030  | M8 Plain Washer        | 8   |
| FIX135  | M8 x 35 Security Bolt  | 4   |
| FIX215A | M8 2 Part Cover - Base | 4   |
| LKN310  | M8 Nyloc Nut           | 4   |
| FIX215B | M8 2 Part Cover - Cap  | 4   |

# FTW016

## Maintenance Instructions

### NOTE

The warranty is invalidated if these instructions are not followed.  
All wood needs annual inspection and retreatment where required.

### Recommended Regular Inspection and Maintenance

|                                                                                                      | Interval Days            |                                     |                                     |                                     |                                     |
|------------------------------------------------------------------------------------------------------|--------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
|                                                                                                      | 7                        | 14                                  | 28                                  | 56                                  | 365                                 |
| Check stability of structure, tighten connections if required.                                       | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Check all uprights at ground level for corrosion and/or rot.<br>Replace any defective parts.         | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> |
| Check all painted elements for damage, rub down and repaint or replace as required.                  | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Check chain/ropework assemblies for wear and damage, replace if required.                            | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Check rotating and pivot points for wear and smooth running<br>lubricate or replace if required.     | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Check rubber parts for wear and/or damage, replace if required.                                      | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Check tension cables, adjust if required.                                                            | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Check wear of cables, replace if required.                                                           | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Check slide chutes for smoothness and any foreign elements,<br>remove any found.                     | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |
| Check rubber safety surfaces for damage and poor performance,<br>repair or replace if required.      | <input type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            |
| Check loose fill safety surfaces, remove any foreign elements,<br>rake level and top up if required. | <input type="checkbox"/> | <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | <input type="checkbox"/>            |

### Disposal Instructions

All components should be broken down into categories of:-

- 1 **Mild Steel** - all activities and frames
- 2 **Stainless Steel** - all Slides, Mirror Panels.
- 3 **Aluminium** - all Playzone and Toddlerzone Posts.
- 4 **Galvanised Steel** - all Chains and Teenzone Posts.
- 5 **Moulded Rubber Products without steel inserts** - all Toddlerzone Caps and edge details.
- 6 **Timber** - all natural timber, plywood, and MDF panels.

Wherever possible these materials should be taken to specialist recycling organisations and recycled.

In some cases where composite materials are used, then disposal at land fill sites is the only alternative such as:

- 7 **Moulded Rubber Products encasing steel inserts** - all Swing Seats, Deck Tops, Duo/Dizzy Disc Tops.
- 8 **High Pressure Laminate** - all Toddlerzone, Playzone and Teenzone Panels.
- 9 **Steel Core Polypropylene Rope** - all Scramble Nets, Space Nets, Playzone/Toddlerzone Ropes.
- 10 **High Density Polyethylene** - Fantasy Range Panels.