

design  
make  
play

# SutcliffePlay

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## **Fantasy - Armour**

### **Installation Instructions**

### **Ftw020**

# Ftw020

## Unit Installation Instructions

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.

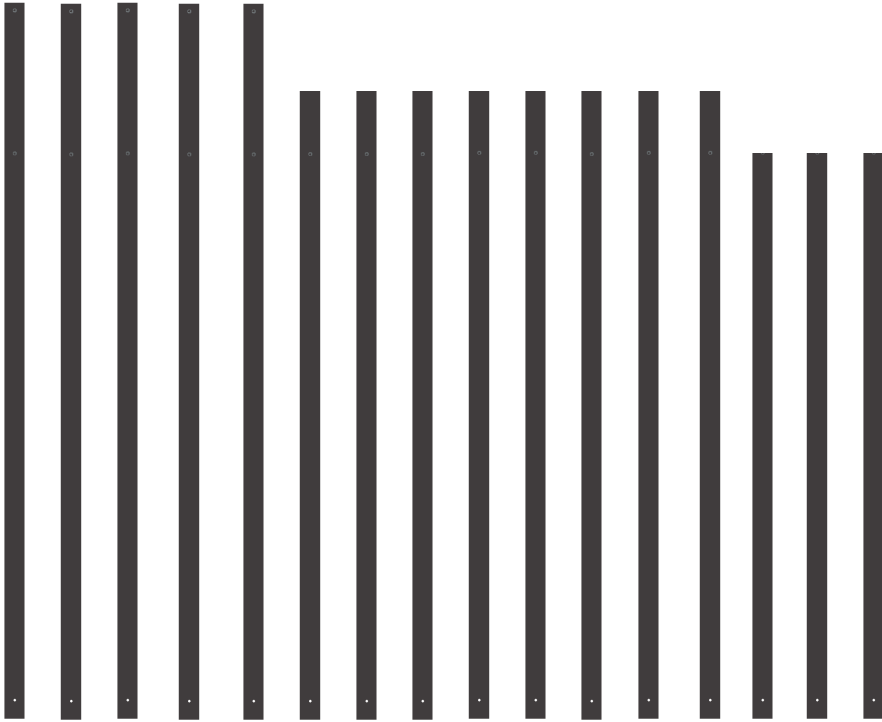
### NB:

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.

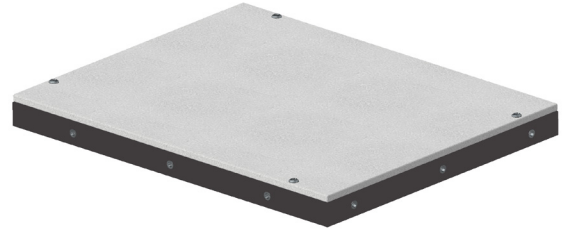
# Ftw020

## Unit Parts List

design  
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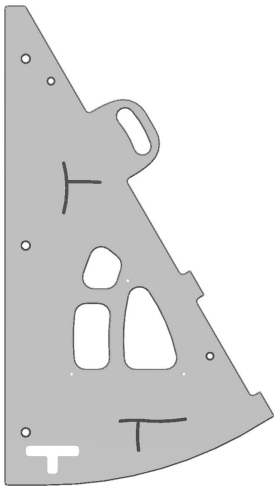
**Ftp020 x1**  
Set of 16 Posts



**Ftd003 x4**



**Fta070 x1**



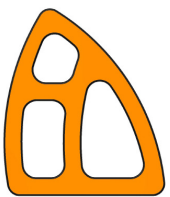
**Fta069 x2**



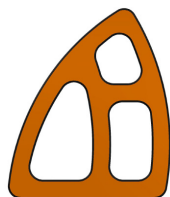
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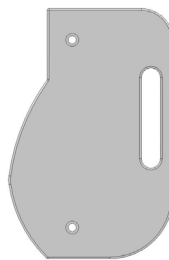
**Fta011 x1**



**Fta013 x1**



**Fta014 x1**



**Fta015 x6**

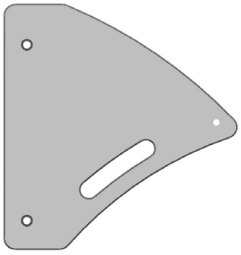


**Ftw020F x1**

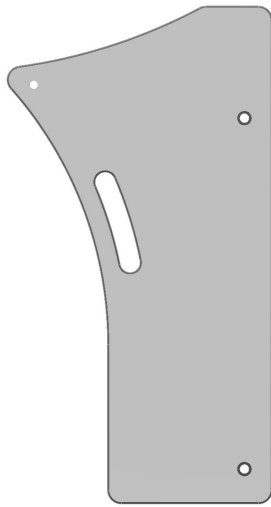
# Ftw020

## Unit Parts List

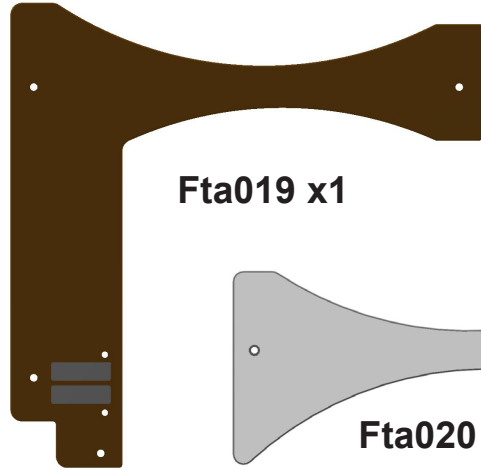
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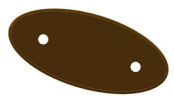
Fta016 x2



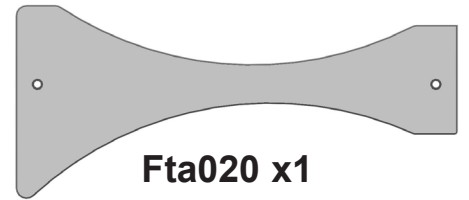
Fta017 x2



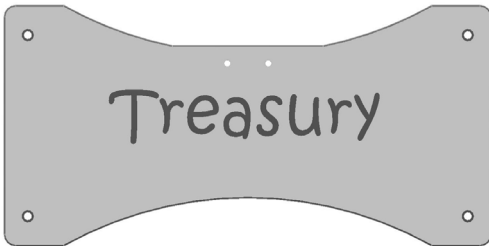
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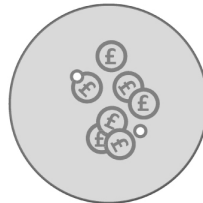
Fta018 x2



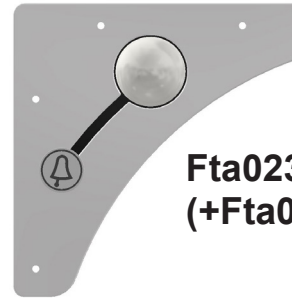
Fta020 x1



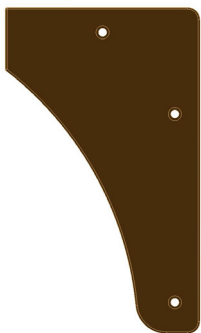
Fta077 x1



Fta022 x1



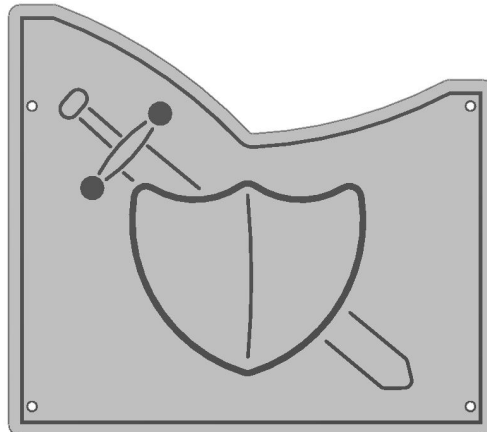
Fta023 x1  
(+Fta024, Pzb678)



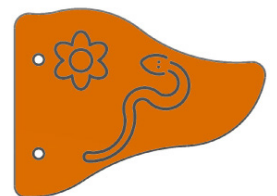
Fta025 x1



Fta026 x1



Fta079 x1

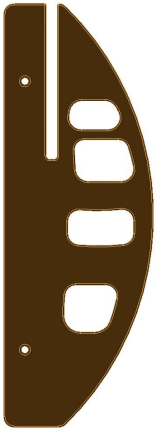


Fta080 x2

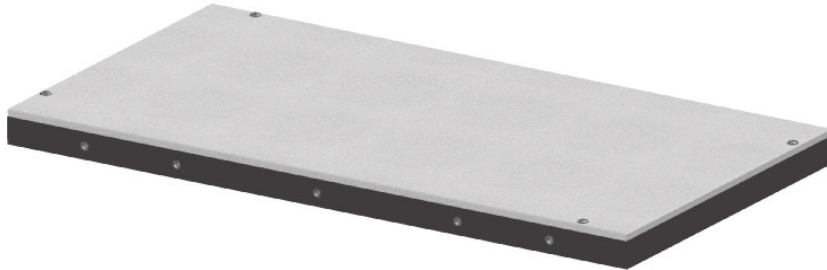
# Ftw020

Unit  
Parts List

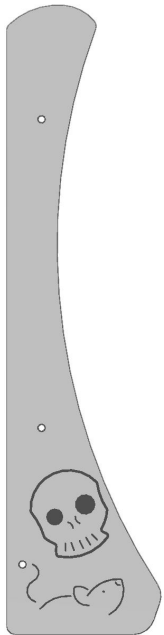
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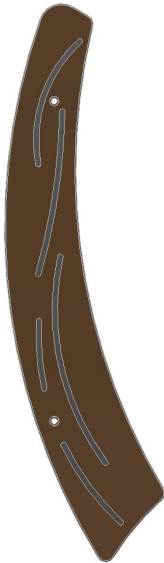
Fta029 x2



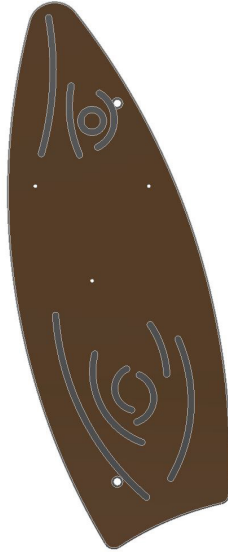
Fta032 x1



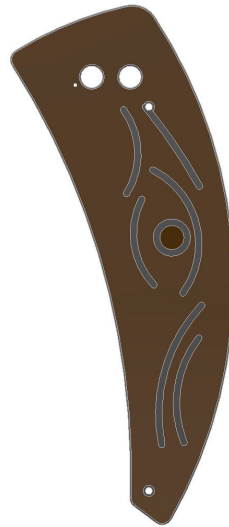
Fta071 x2



Fta072 x2



Fta073 x2



Fta074 x2



Fta075 x2



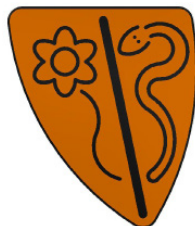
Fta034 x2



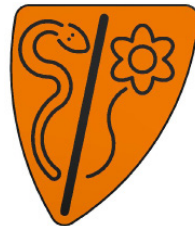
Fta040 x1



Fta041 x1



Fta093 x1



Fta094 x1

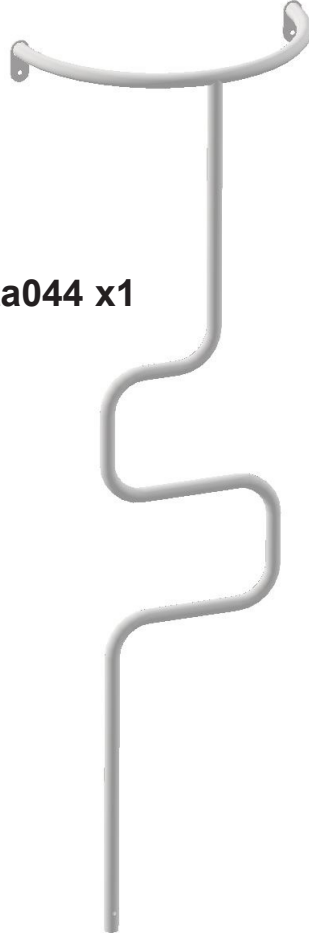
# Ftw020

Unit  
Parts List

design  
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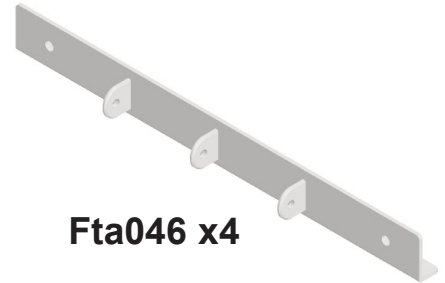
**Fta043 x1**



**Fta044 x1**



**Fta045 x1**  
**(0.65m Rail)**



**Fta046 x4**



**Fta049 x4**

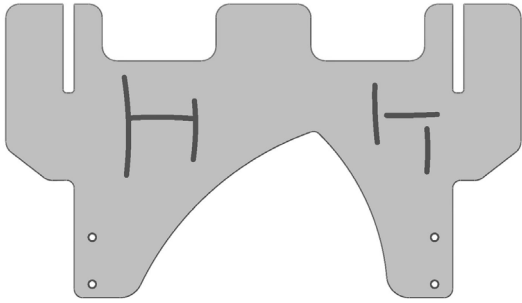


**Fta052 x1**  
**(+Pzb659,660,661)**

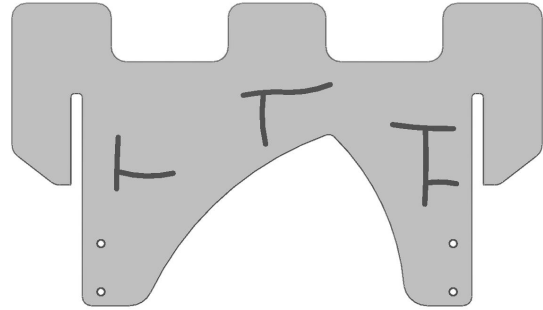
# Fta020

Unit  
Parts List

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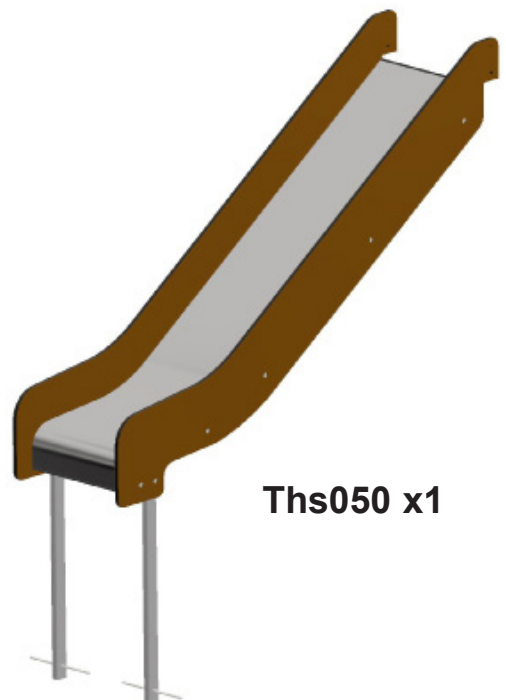
**Fta067 x4**



**Fta068 x4**



**Net032 x2**



**Ths050 x1**

# Fta020

Unit  
Parts List

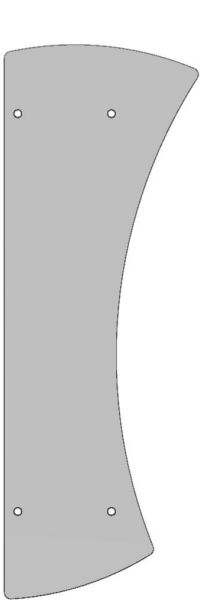
design  
make  
play  
**SutcliffePlay**



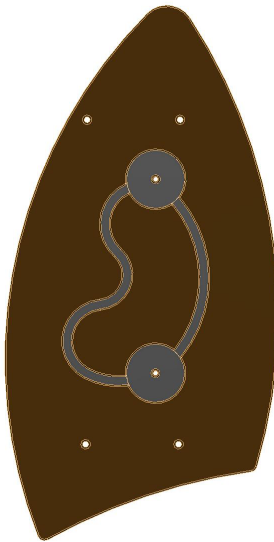
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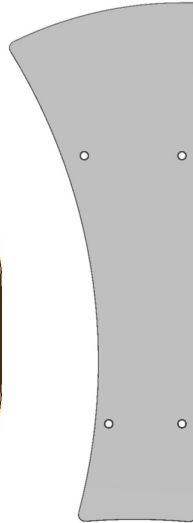
**Fta061 x2**



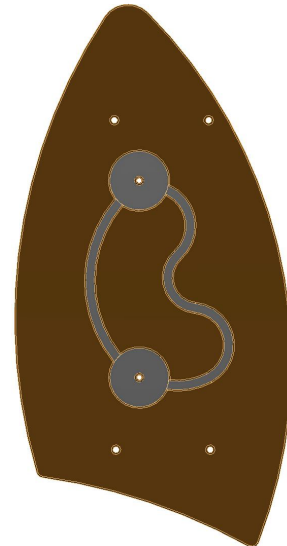
**Fta062 x2**



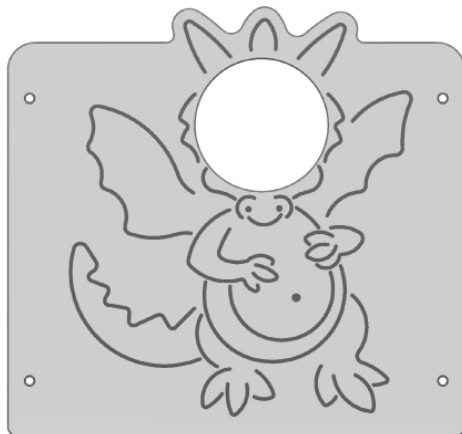
**Fta065 x1**



**Fta064 x2**



**Fta063 x1**

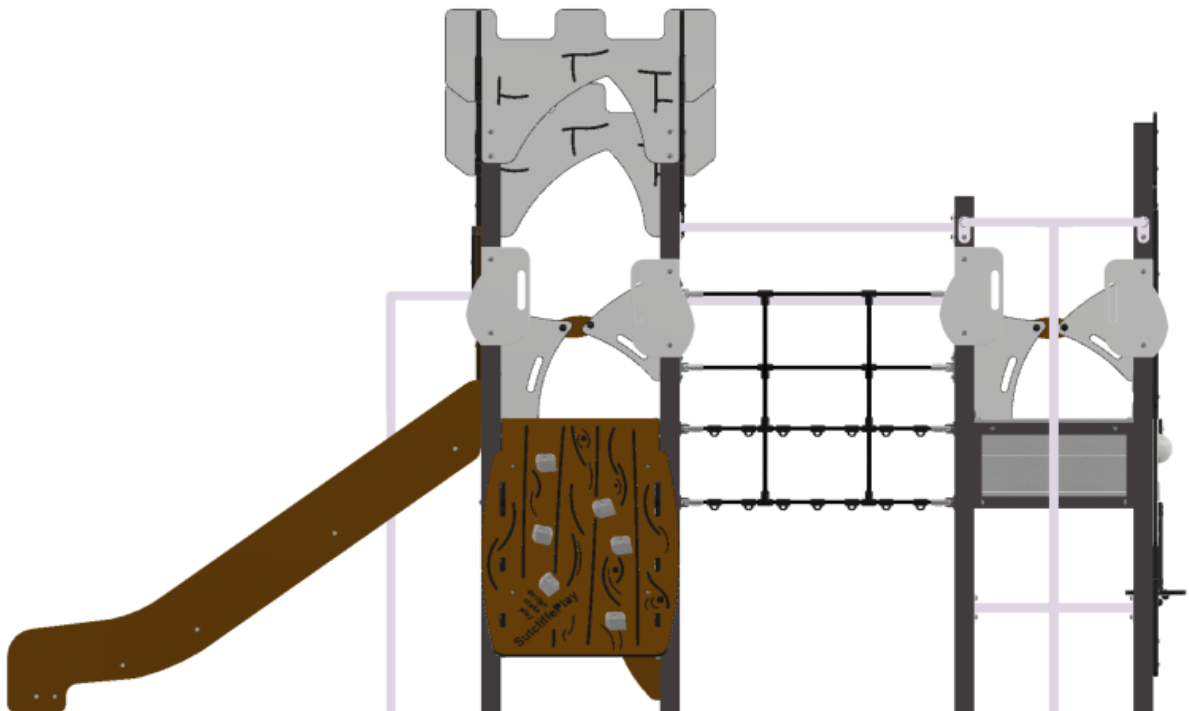
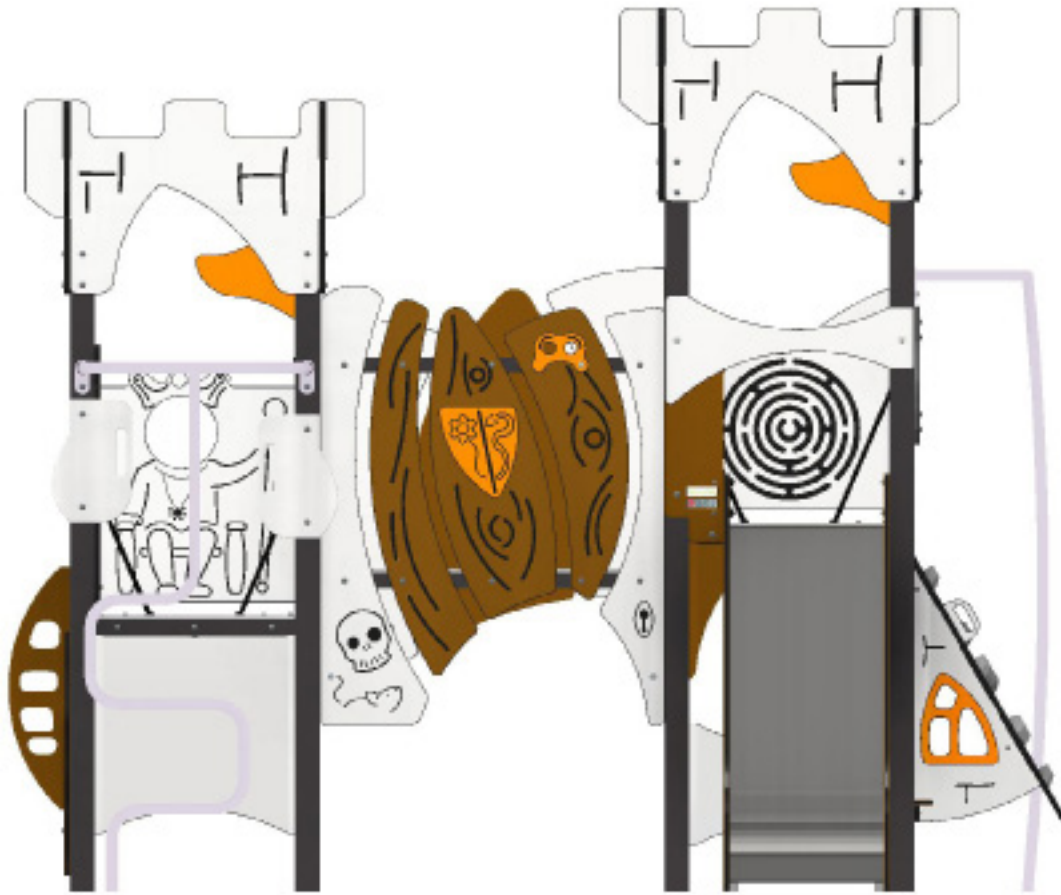


**Fta078 x1**

# Ftw020

Standard Views

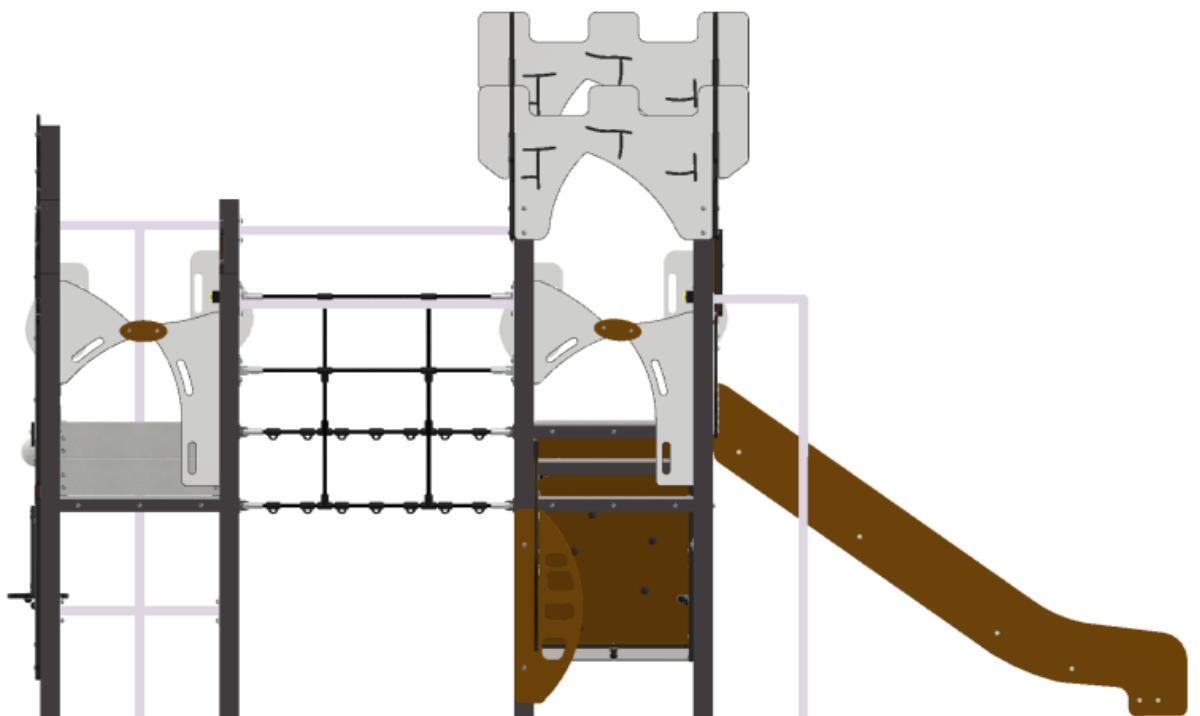
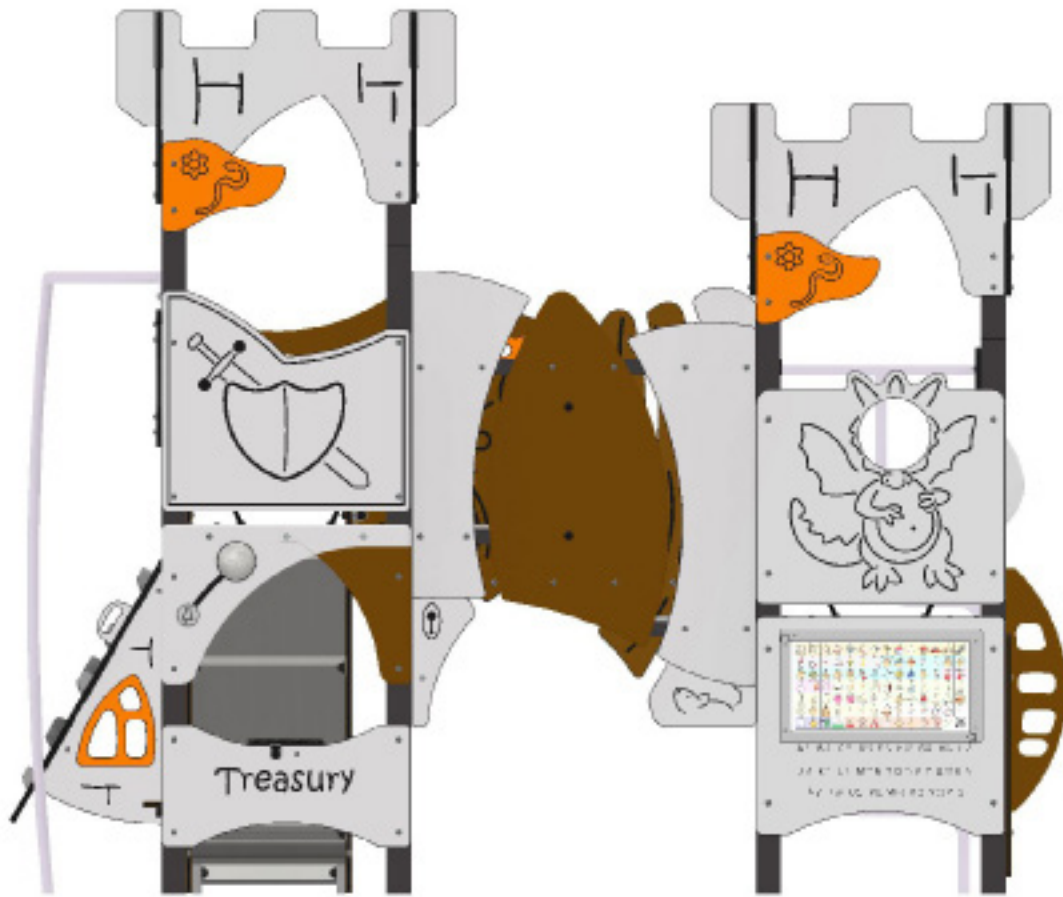
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play  
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# Ftw020

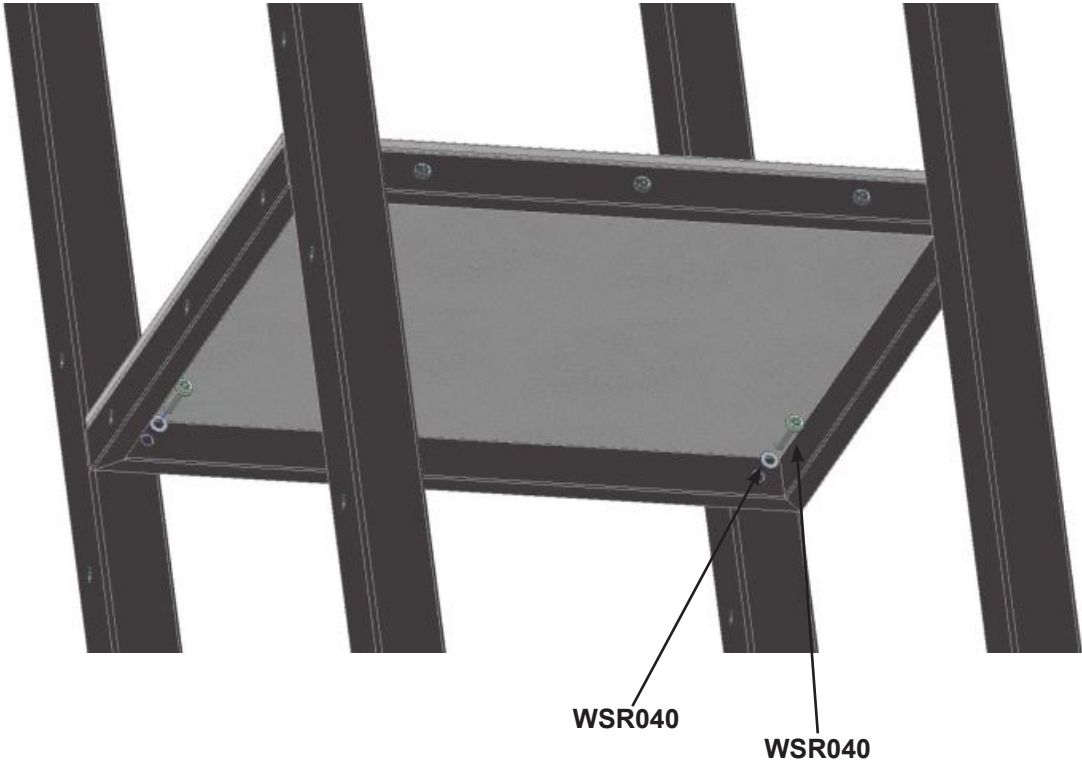
Standard Views

design  
make  
play  
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# Ftw020

## Deck Fixings

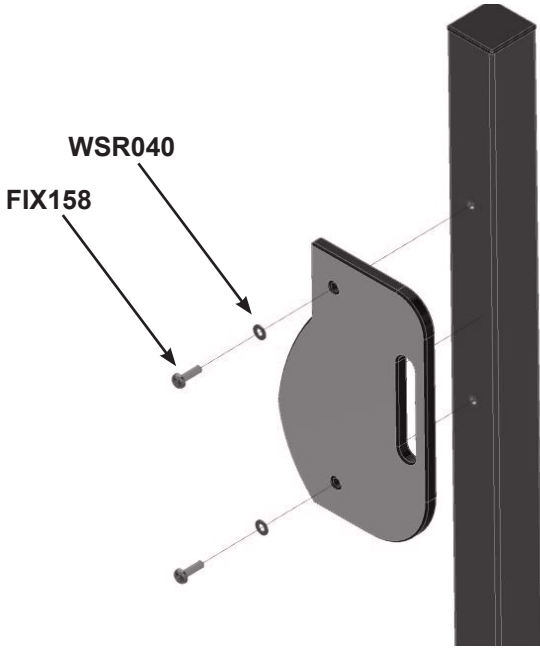


Ref	Description	Qty
WSR040	M10 Plain Washer	4
FIX160	M10 x 50 Security Bolt	4

# Ftw020

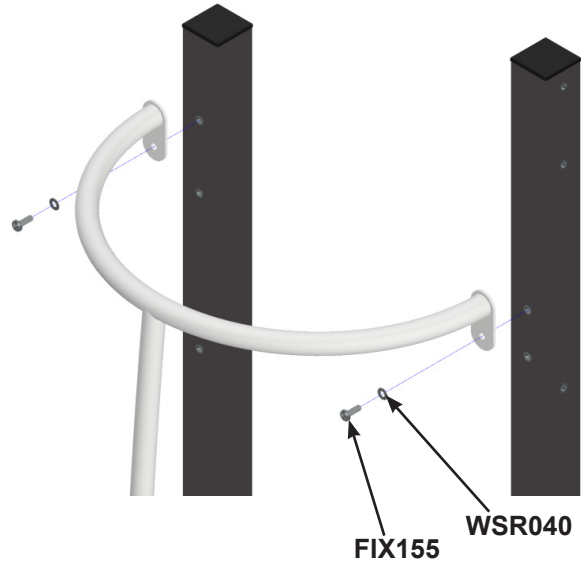
## Standard Fixings

### 19mm THK Panel to Framework.



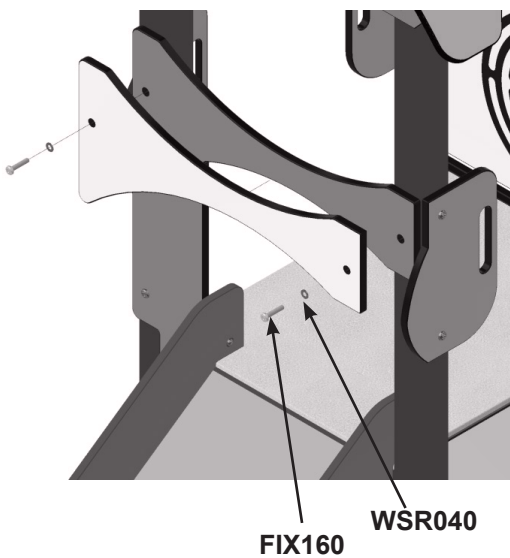
Ref	Description	Qty
WSR040	M10 Plain Washer	1
FIX158	M10 x 35 Security Bolt	1

### 5mm Plates to Framework.



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

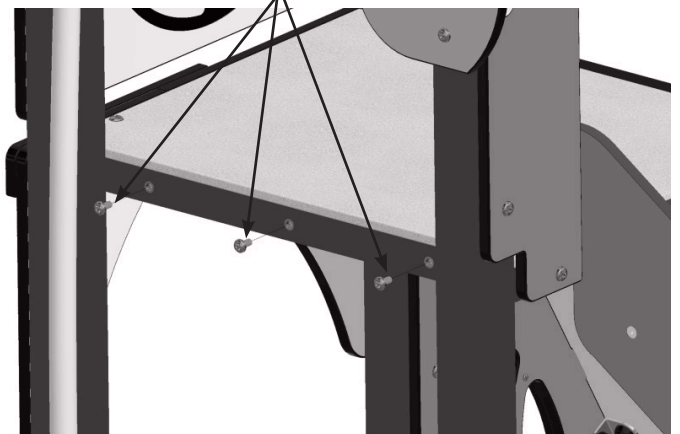
### 19mm 2 Layers Panel to Framework.



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.

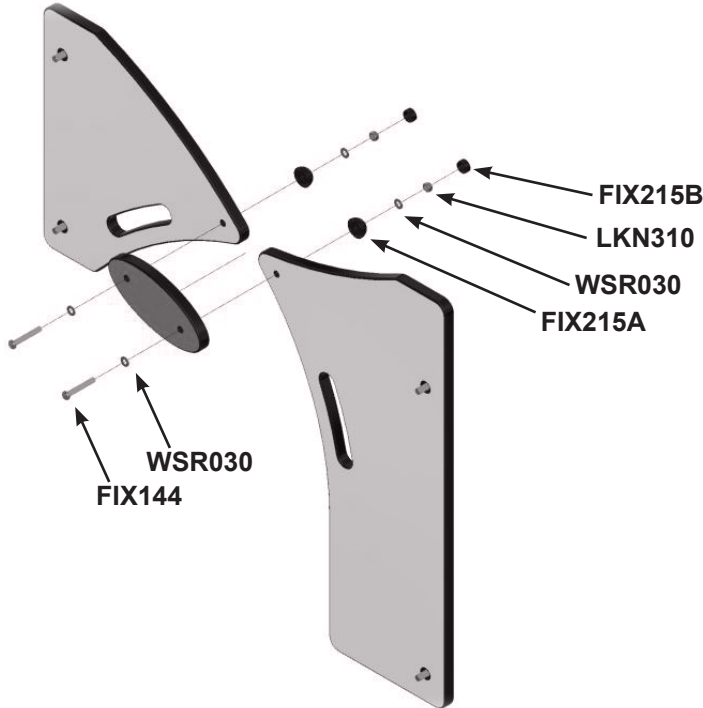


Ref	Description
FIX150	M10 x 20 Security Bolt

# Ftw020

## Assembly Fixings

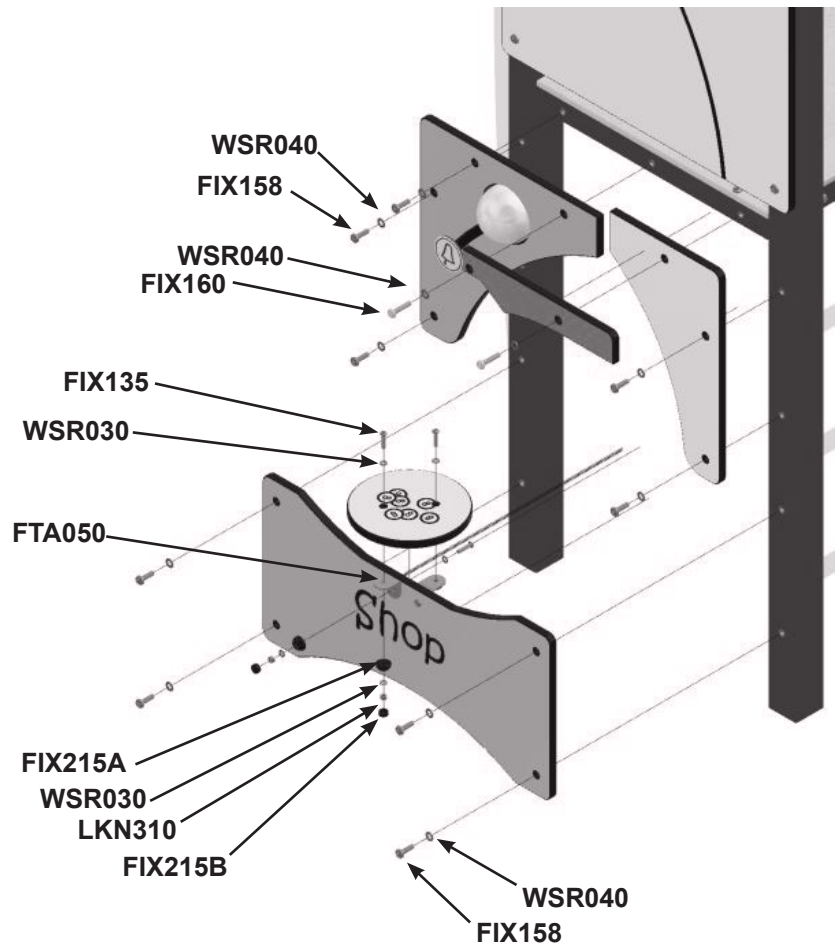
### Standard Entrance Fixings.



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

### Treasury Assembly.

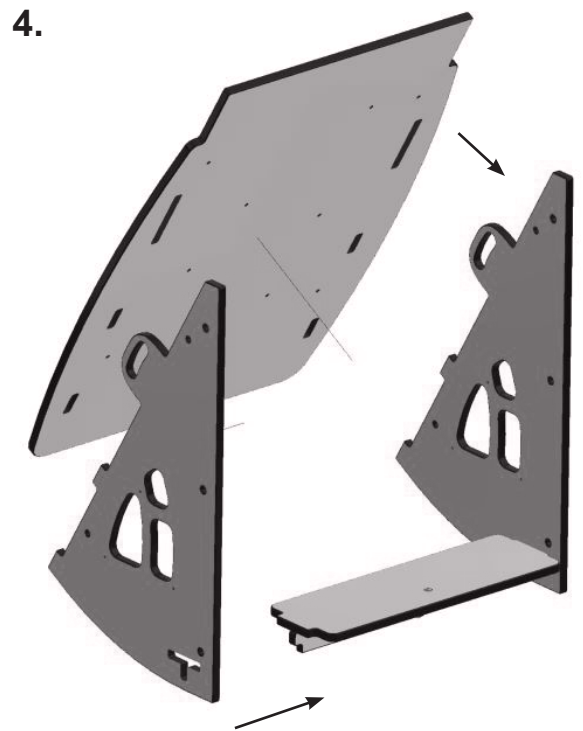
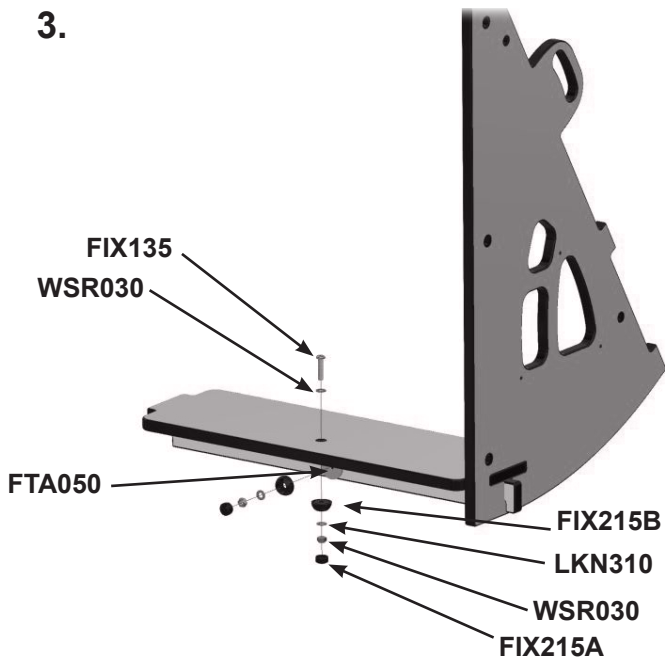
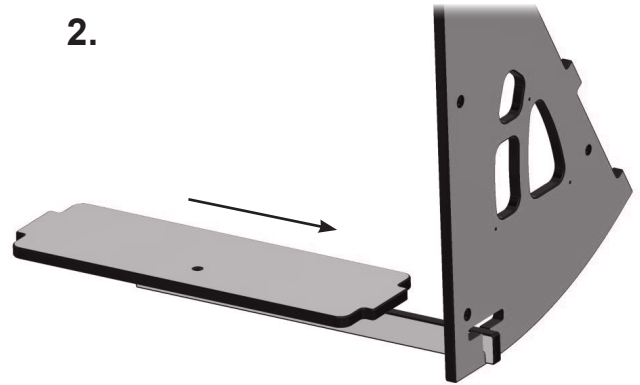
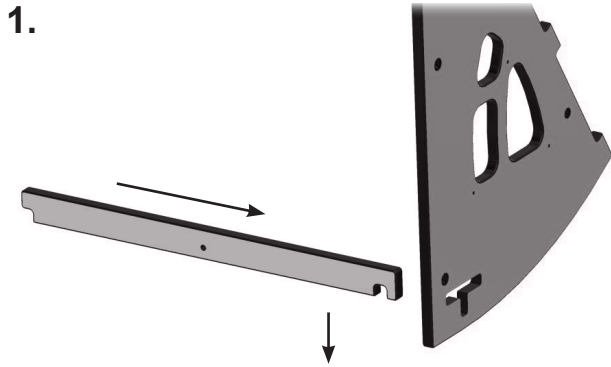
Ref	Description	Qty
FIX158	M10 x 35 Security Bolt	9
FIX160	M10 x 50 Security Bolt	2
WSR040	M10 Plain Washer	11
WSR030	M8 Plain Washer	8
FIX135	M8 x 35 Security Bolt	4
FIX215A	M8 2 Part Cover - Base	4
LKN310	M8 Nyloc Nut	4
FIX215B	M8 2 Part Cover - Cap	4
FTA050	L-Bracket 50 x 50 ST/ST	2



# Ftw020

## Assembly Fixings

### Climbing Wall Assembly.

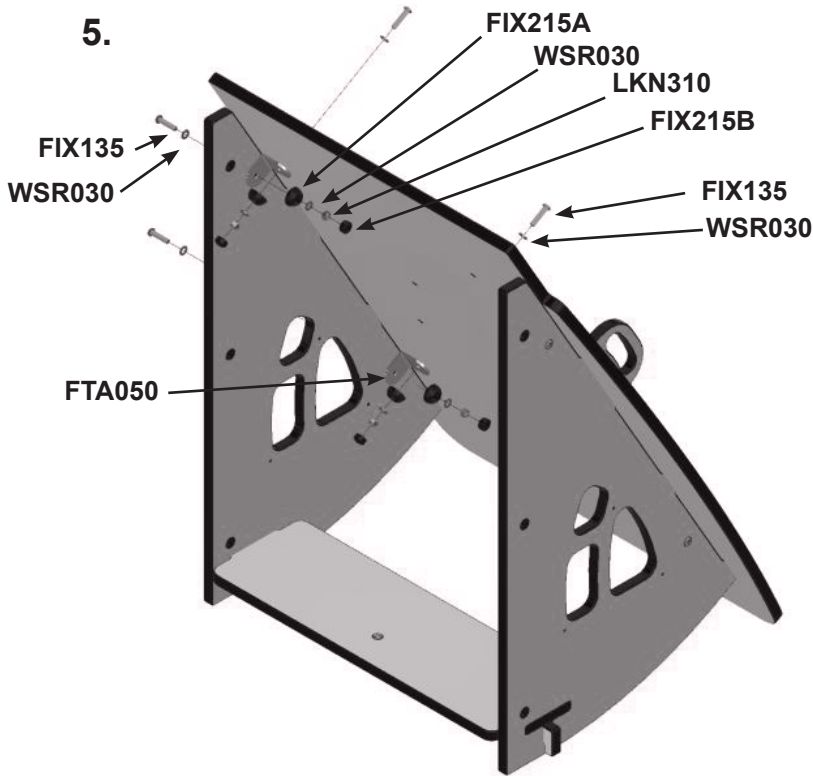


Ref	Description	Qty
WSR030	M8 Plain Washer	4
FIX135	M8 x 35 Security Bolt	2
FIX215A	M8 2 Part Cover - Base	2
LKN310	M8 Nyloc Nut	2
FIX215B	M8 2 Part Cover - Cap	2
FTA050	L-Bracket 50 x 50 St/St	1

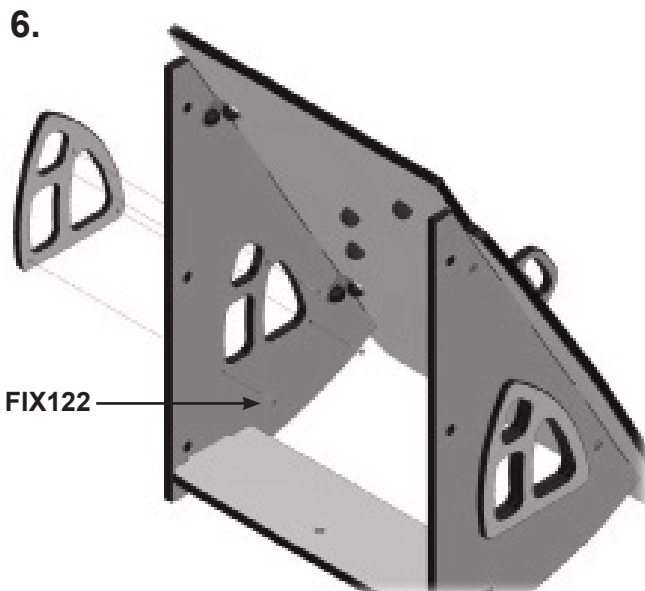
# Ftw020

## Assembly Fixings

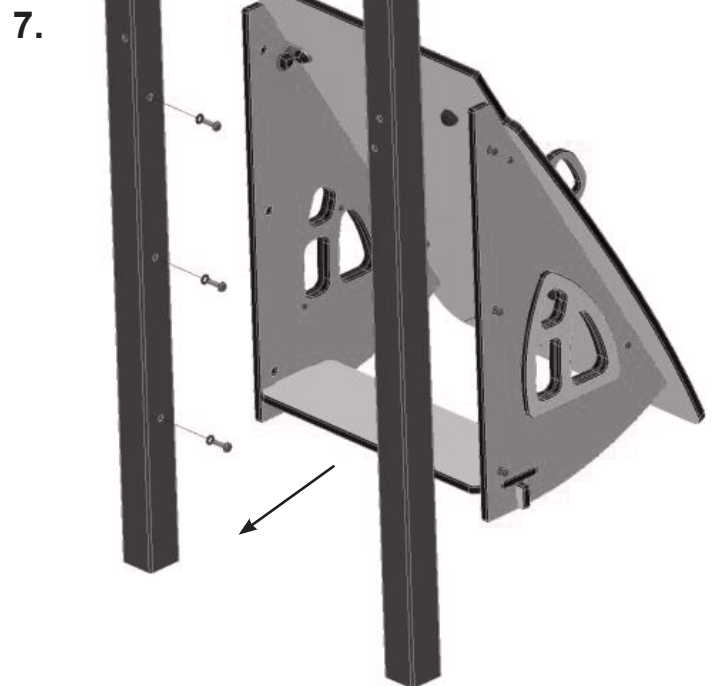
### Climbing Wall Assembly.



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

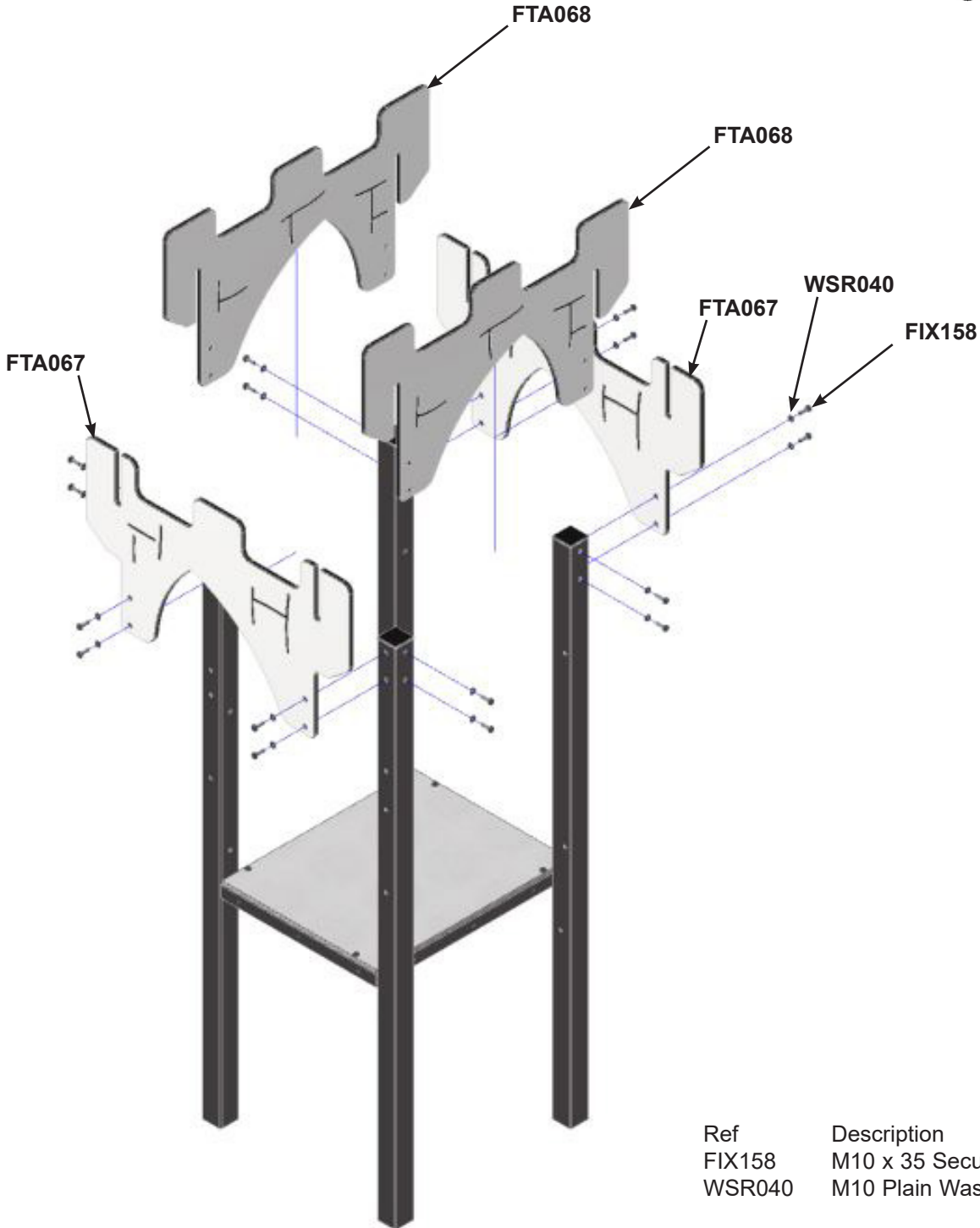


Ref	Description	Qty
WSR040	M10 Plain Washer	6
FIX158	M10 x 35 Security Bolt	6

# Ftw020

## Assembly Fixings

### Roof Assembly.



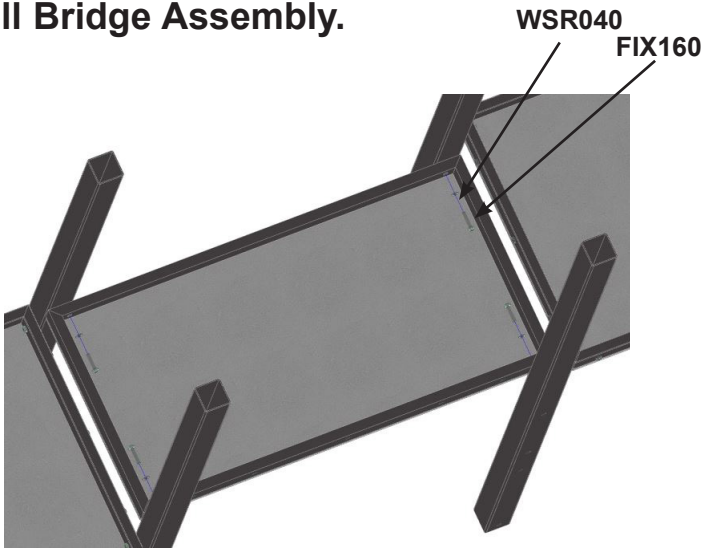
Ref	Description	Qty
FIX158	M10 x 35 Security Bolt	16
WSR040	M10 Plain Washer	16

# Ftw020

## Assembly Fixings

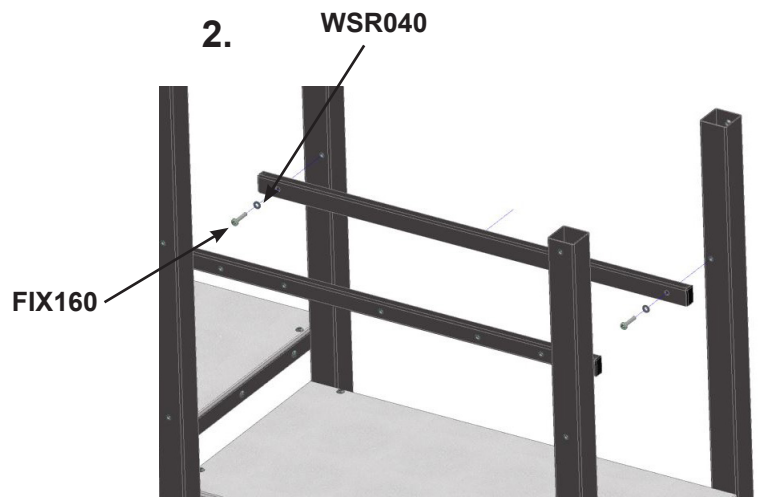
### Troll Bridge Assembly.

1.



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

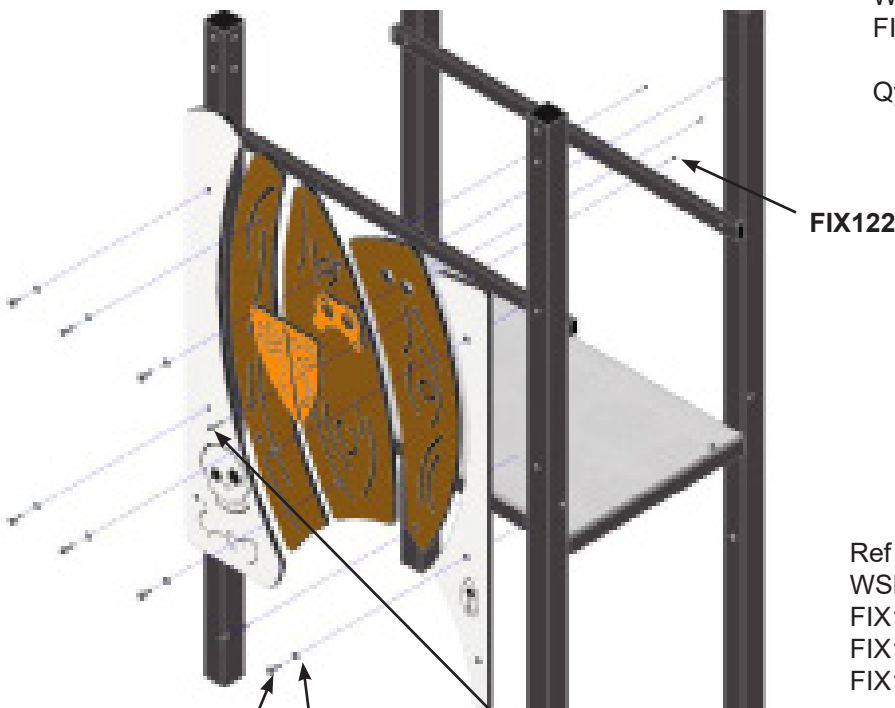
2.



Ref	Description	Qty
WSR040	M10 Plain Washer	2
FIX160	M10 x 50 Security Bolt	2

Qys shown per side.

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

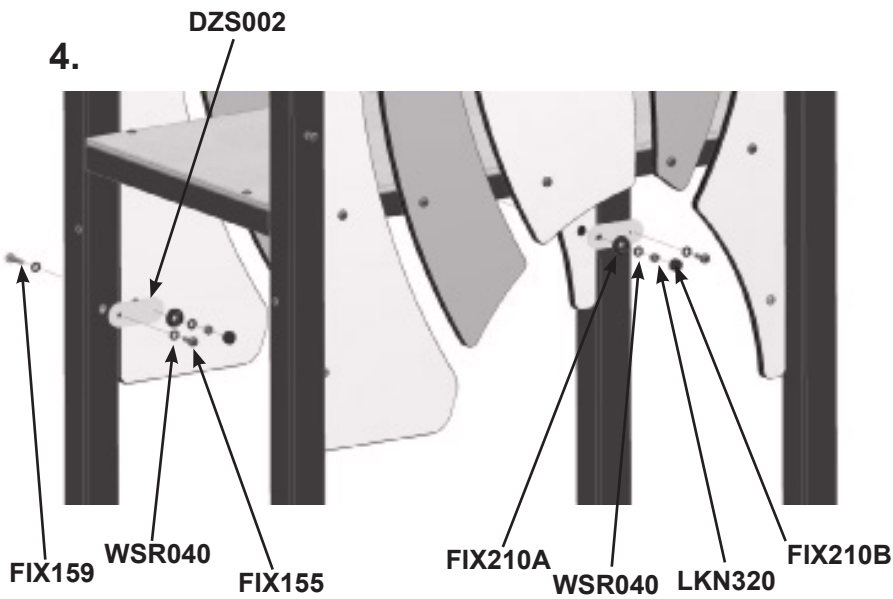


Ref	Description	Qty
WSR040	M10 Plain Washer	10
FIX160	M10 x 50 Security Bolt	1
FIX158	M10 x 35 Security Bolt	9
FIX122	M5 x 25 Security Bolt	4

Qtys shown per side.

# Ftw020

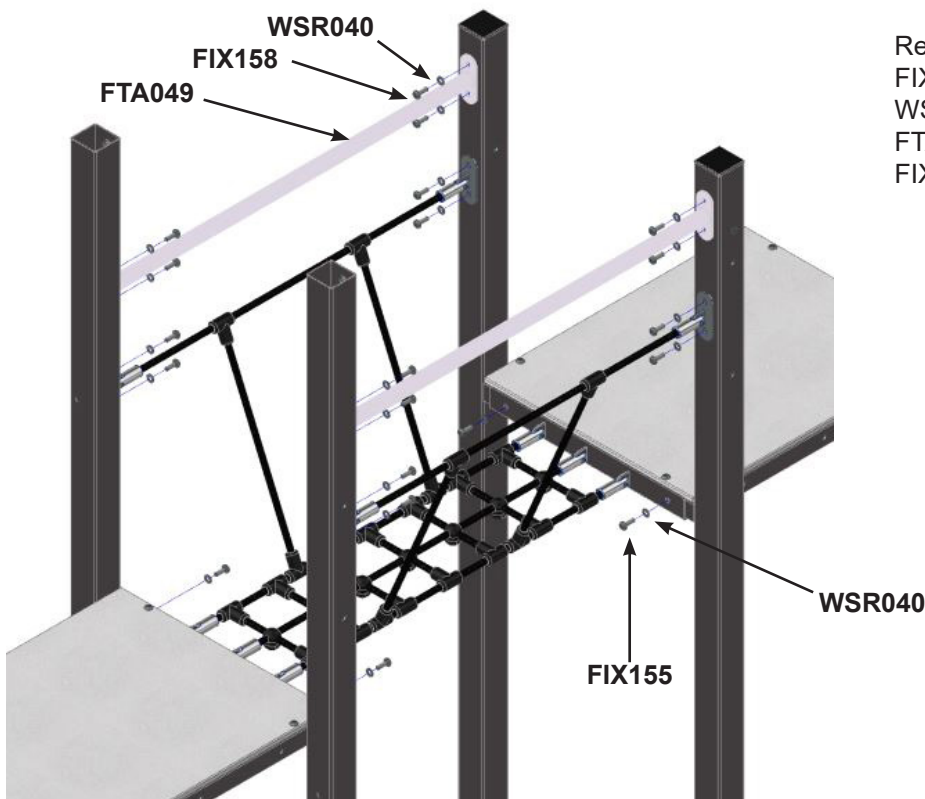
## Assembly Fixings



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.

## V-Bridge Assembly.

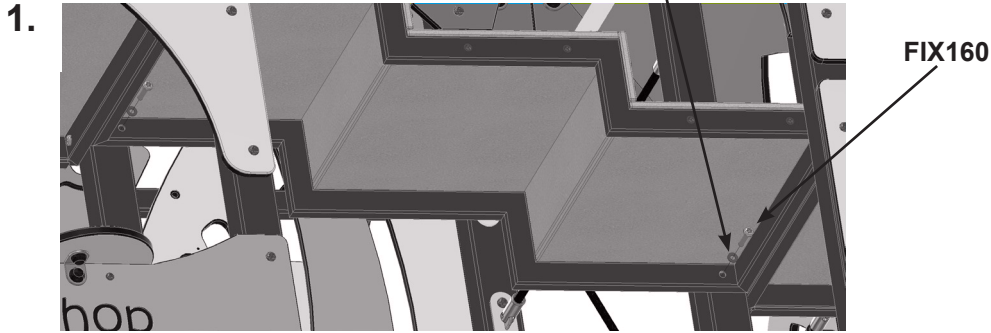


Ref	Description	Qty
FIX158	M10 x 35 Security Bolt	16
WSR040	M10 Plain Washer	20
FTA046	V-Bridge Deck Fixing Plate	2
FIX155	M10 x 30 Security Bolt	4

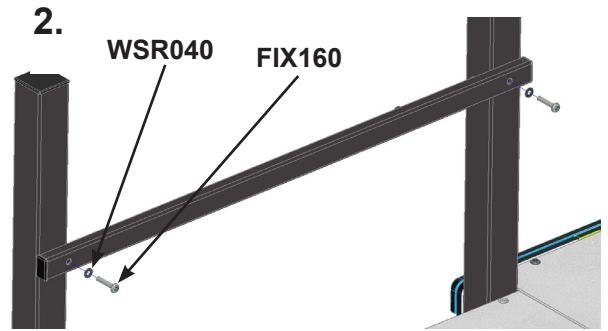
# Ftw020

## Assembly Fixings

### Step Bridge Assembly.

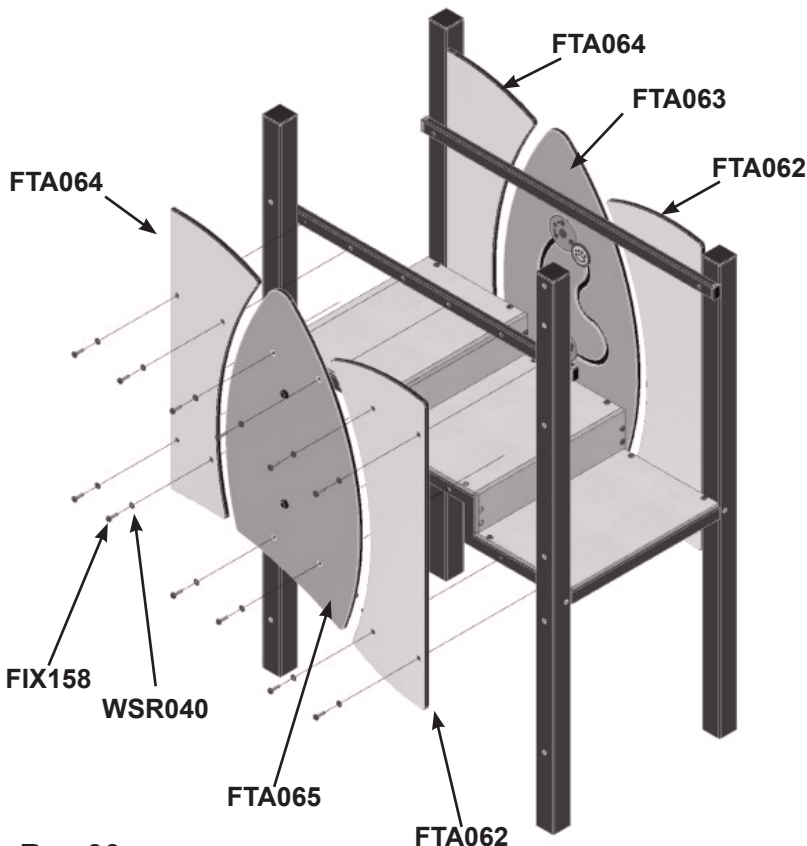


Ref	Description	Qty
WSR040	M10 Plain Washer	4
FIX160	M10 x 50 Security Bolt	4



Ref	Description	Qty
WSR040	M10 Plain Washer	2
FIX160	M10 x 50 Security Bolt	2
FTA061	Step Bridge Support Rail	1

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



Qys shown per side.

Ref	Description	Qty
WSR040	M10 Plain Washer	10
FIX158	M10 x 35 Security Bolt	10

Qtys shown per side.

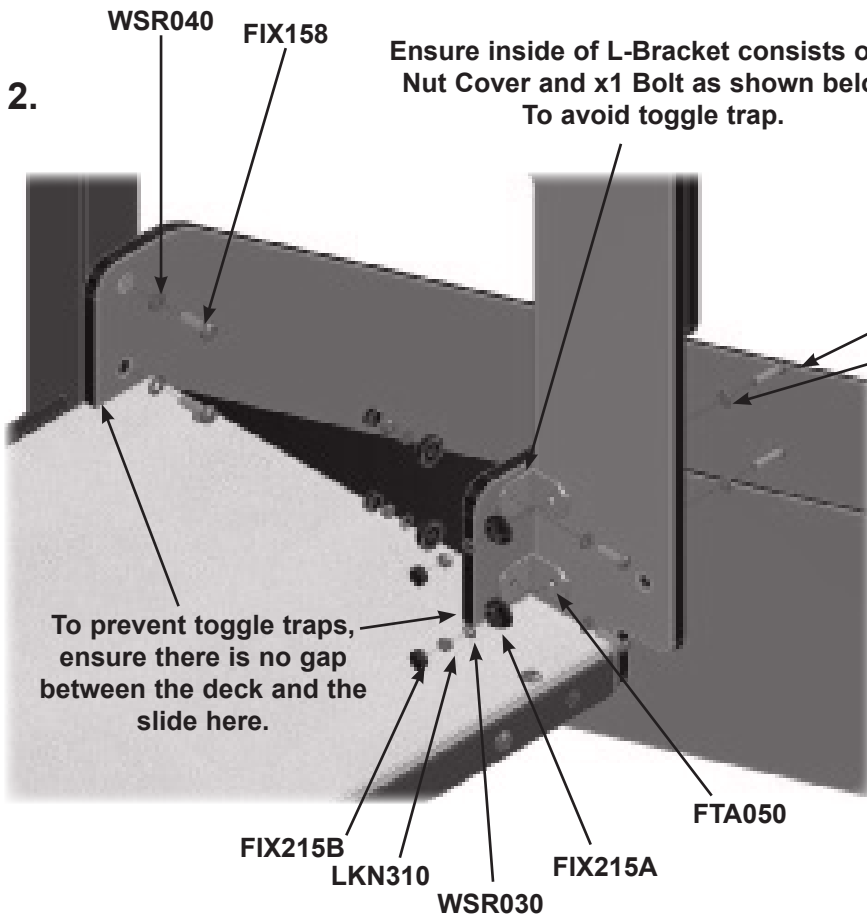
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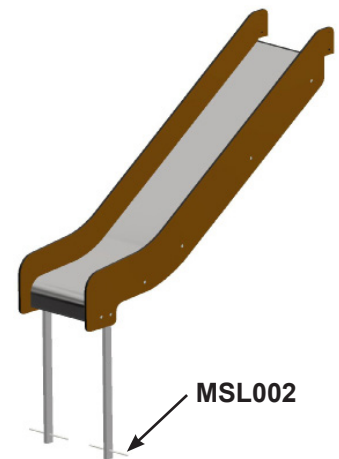
## Slide Assembly

design  
make  
play  
**SutcliffePlay**

1.  **Fit PED302 to slide sides as shown, prior to fixing slide to the entrance panel / post.**

Ref	Description	Qty
DZS005	M10 Nut Cover	2
LKN320	M10 Nyloc Nut	2
DZS009	M10 Step Washer	2
MCS355	M10 x 65 CSK Bolt	2
MSL002	200mm Spragging Iron	2

2.  **Ensure inside of L-Bracket consists of x1 Nut Cover and x1 Bolt as shown below. To avoid toggle trap.**



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
FTA050	L-Bracket 50 x 50 St/St	2
FIX158	M10 x 35 Security Bolt	2
WSR040	M10 Plain Washer	2

# Ftw020

## Unit

### 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. 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 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, 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, 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, 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.