

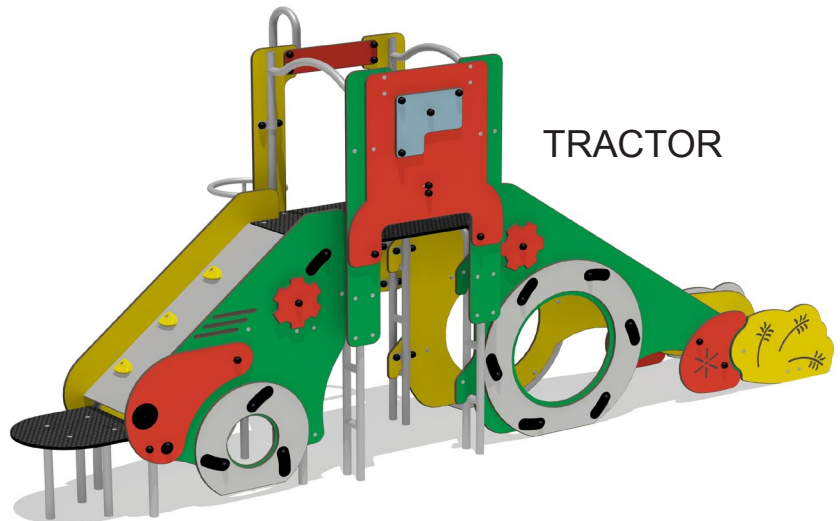
design  
make  
play

# SutcliffePlay

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DIGGER



TRACTOR

## Digger/Tractor Themed Unit THU003

# Installation Instructions

# THU003

## Themed Unit Installation Instructions

1. Check using the parts list that all components have been delivered.
2. Plan the final position of the play equipment, ensuring there is sufficient space  
NB: Please consider the extent and HIC of surfacing (see surfacing plan).  
Stainless steel slides should face north or be shaded to prevent over heating.
3. Excavate the foundation holes in accordance with the plan and play level, ensuring holes are dug to an equal level relative to each other.
4. Sort and identify parts before assembly.
5. Bolt the pedestals PED302 to the end of the slide assembly THS103, and position 2 spragging irons MSL002 into the holes provided at the bottom of the pedestals (see fig 1 & 2 page 7). Hook the slide assembly onto the top cross-bars of one of the main frames (THF001) and stand these in their respective foundation holes.
6. Sit the ramp assembly THF121 into the foundation holes and bolt THP080 and THA081 engine assemblies to the frame (see fig 3 & 4 page 8).
7. Bolt the small wheel panels THP082 and THP083 to the engine assemblies THP080 & THA081 respectively (see fig 5 & 6 page 9).
8. The second main frame THF001 can then be placed into the foundation holes and the engine/ramp assembly hooked onto it. The distance between the vertical uprights to be 650mm (see fig 7 page 10).
9. Position the hexaboard deck between the two main frames and ensure at this point that all metal framework is assembled together (see fig 8 page 10).
10. Assemble the remaining panels onto the steel frame uprights using the supplied brackets PZA700ZP and PZA705ZP, and onto panels using the images supplied on the provided 'PaneAssembly' info sheet and pages 11 & 12 of this document.

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## Themed Unit Installation Instructions

11. The ring climb THF140GRY can now be positioned in the foundation hole and bolted to side panels THP070Y and THP072Y (see fig 10 page 11). THF140GRY needs two steel irons found in the fixing kit feeding through the holes in the end, prior to concreting.
12. When the unit is completely assembled, ensure the unit is completely level and in the correct position, then tighten all fixings prior to the concrete being poured.
13. Ensure all exposed hex head bolts and lock nuts are capped off using the M10 Nut Covers CZS004BK provided.
14. Check the unit is level as per the elevations and plans provided before filling the foundation holes with the required depth of concrete. Float off upper surface to enable run-off away from frame uprights.
15. The unit should be secured against use by any member of the public until the concrete has set and the appropriate depth and extent of safety surfacing has been installed (refer to installation plans).
16. Follow the maintenance instructions supplied (see page 13)

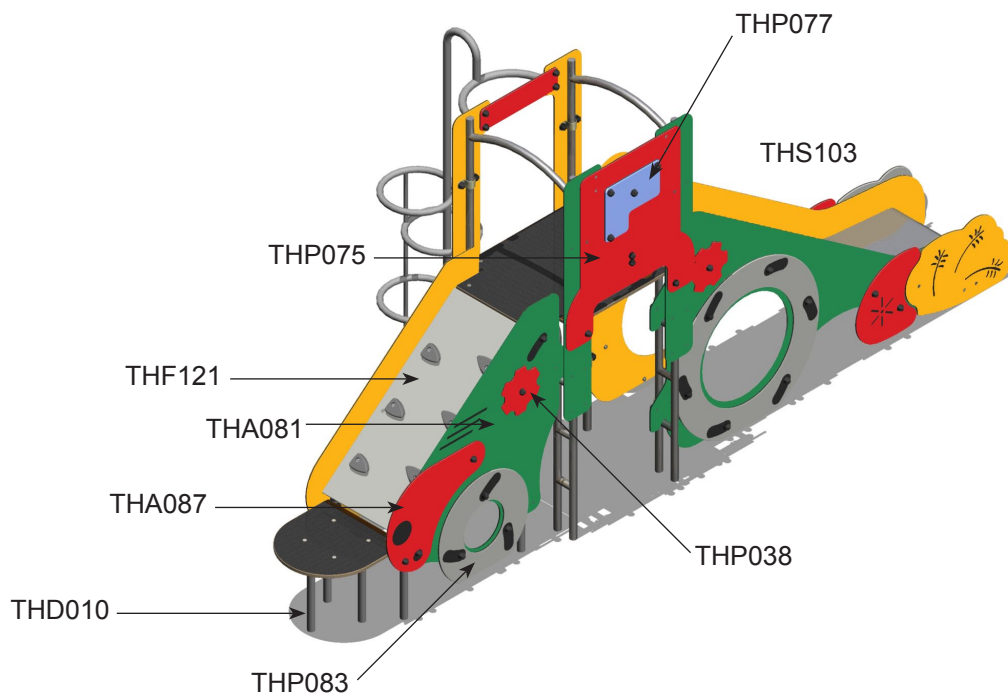
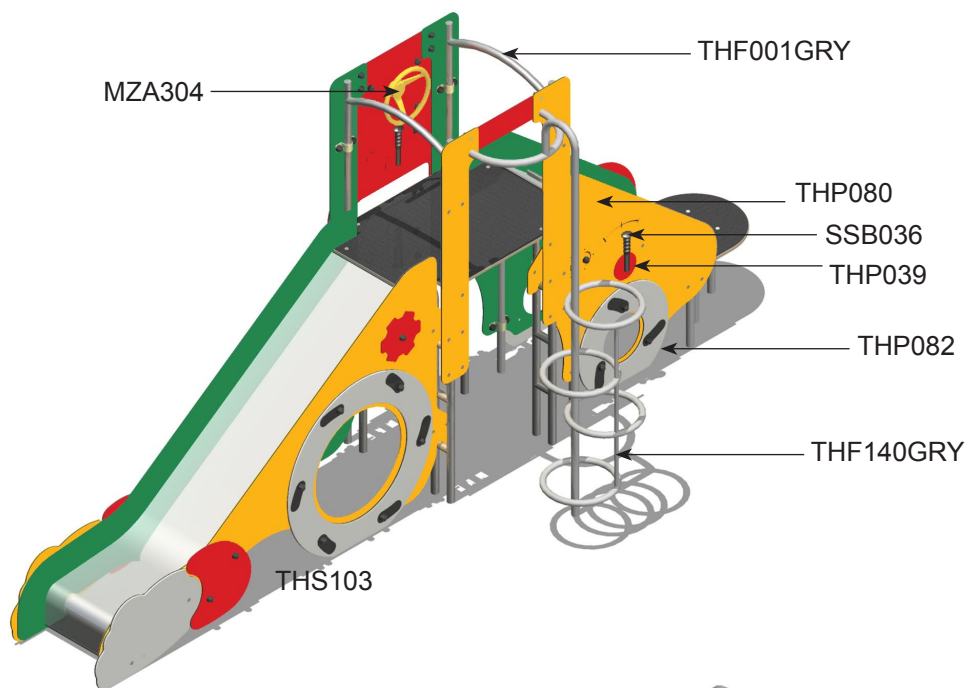
Use the panel fixing general sheet supplied to select the correct bolts from the fixing kit (be advised that a extra fixings are included). We suggest fixing countersunk bolts first as other panels may be layered on top of them. It is important not to fully tighten the fixings until all panels have been assembled and the unit is stood within the foundation holes.

**NB:** During installation, care must be taken to prevent hazards to children. If you are at all unsure or have any questions, please contact the contracts department immediately for their assistance and advice.

# THU003

## Themed Unit Parts List

design  
make  
play  
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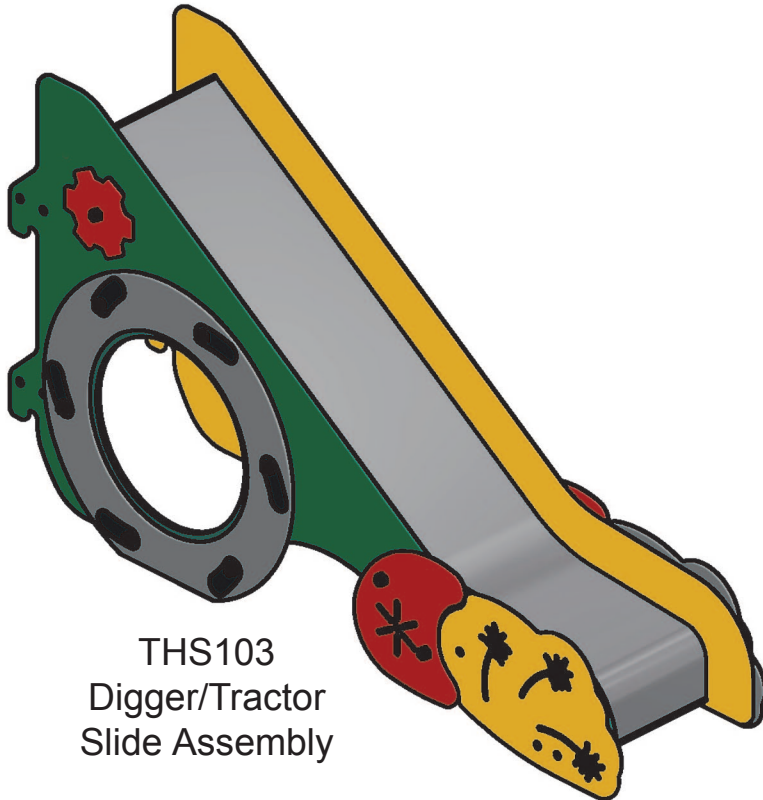


Ref	Description	Qty	Ref	Description	Qty
PED302	Tod End Pedestal	2	THD010	Transfer Deck Assembly	1
THP080	Digger Engine	1	THF001GRY	Steel Frame Assembly	2
THP039	Lever Disc	4	THF140GRY	Ring Climb	1
SSB036	Rubber Lever	2	THF121	Ramp Assy	1
THA081	Tractor Engine	1	THP070Y	Digger LH Side Panel	1
THP082	Digger Small Wheel	1	THP071G	Tractor LH Side Panel	1
THP083	Tractor Small Wheel	1	THP072Y	Digger RH Side Panel	1
THP075	Tractor Cabin Side	1	THP073G	Tractor RH Side Panel	1
THP077	Tractor Window	1	THP074R	Digger Side Panel	1
MZA304	Steering Wheel	1	THS103	Digger/Tractor Slide Assy	1
THA087	Tractor Bumper	1	THU103F	Fixing Kit	1 set
THD001	Hexaboard Deck	1			

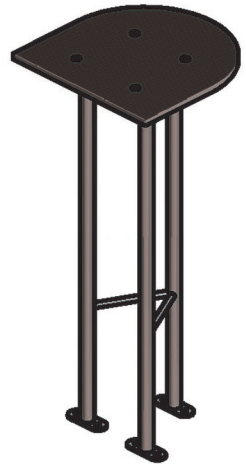
# THU003

## Themed Unit Panels & Parts List

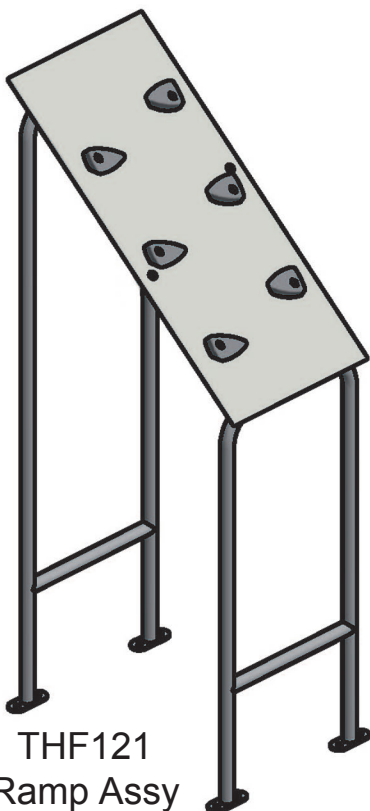
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THS103  
Digger/Tractor  
Slide Assembly

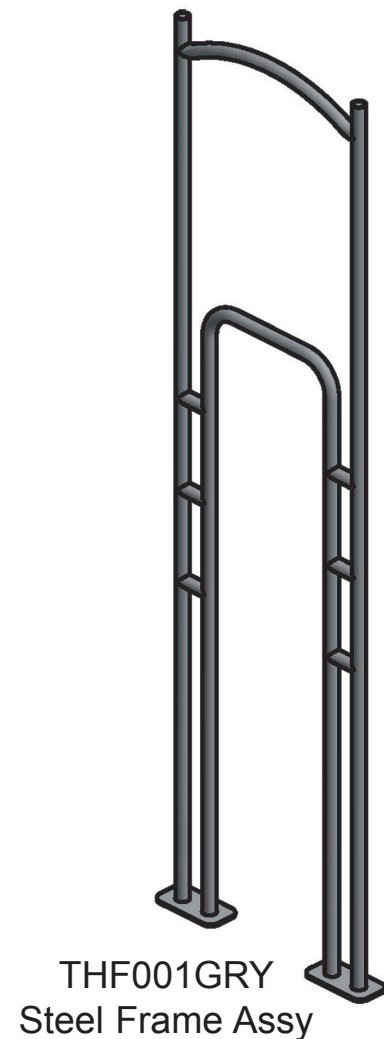
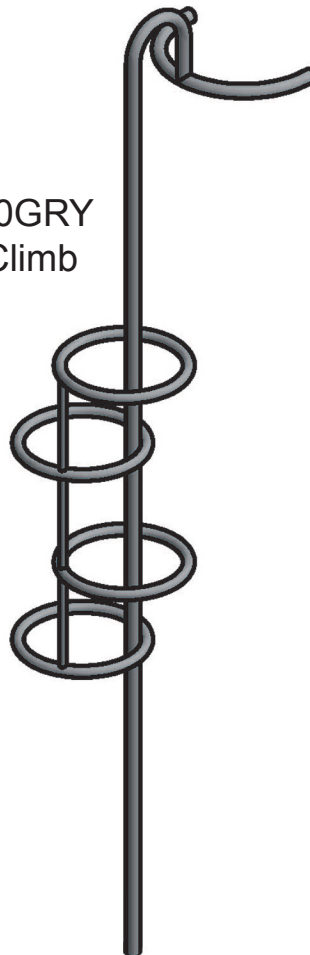


THD010  
Transfer Deck Assy



THF121  
Ramp Assy

THF140GRY  
Ring Climb



THF001GRY  
Steel Frame Assy

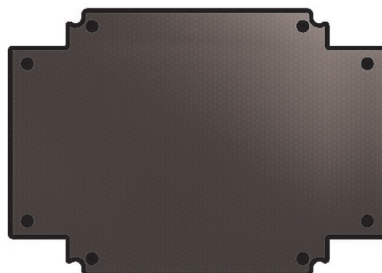
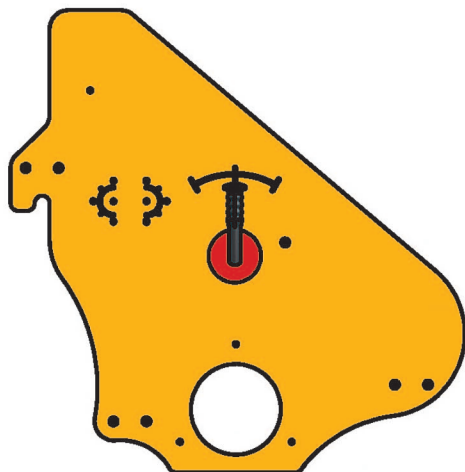


# THU003

## Themed Unit Panel & Parts List

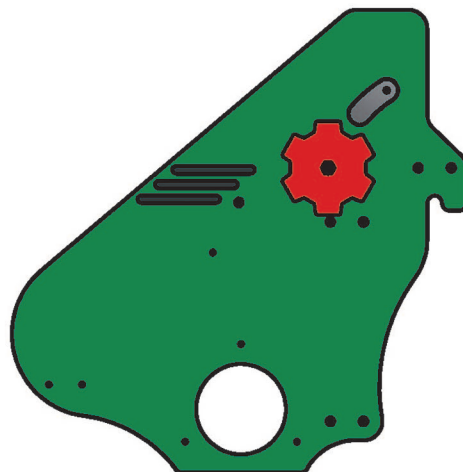
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THP080 Panel  
(add SSB036 +  
THP039R + THP039Y)

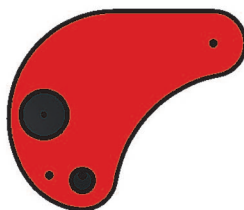


THD001  
Hexaboard Deck

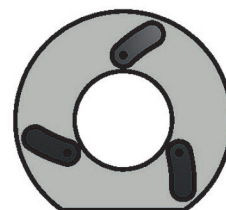
THA081 Panel  
(add THP038)



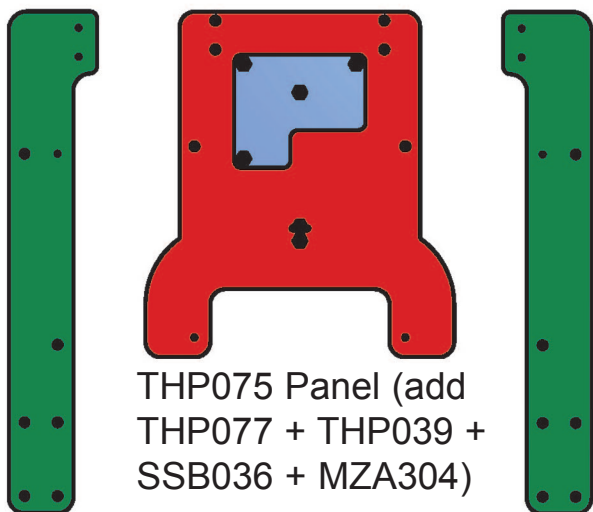
THP082  
Digger Small Wheel



THA087  
Tractor Bumper



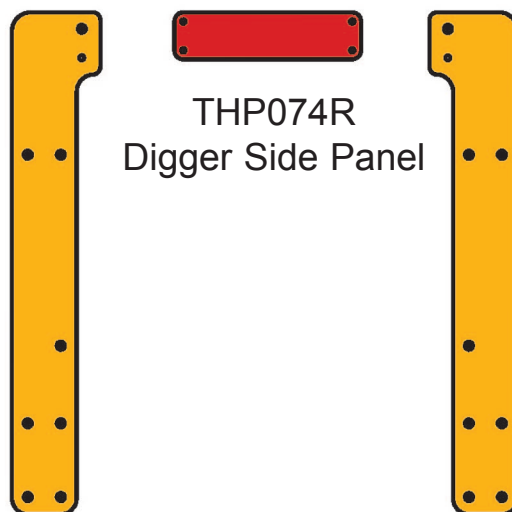
THP083  
Tractor Small Wheel



THP075 Panel (add  
THP077 + THP039 +  
SSB036 + MZA304)

THP071G  
Tractor Left  
Side Panel

THP073G  
Tractor Right  
Side Panel



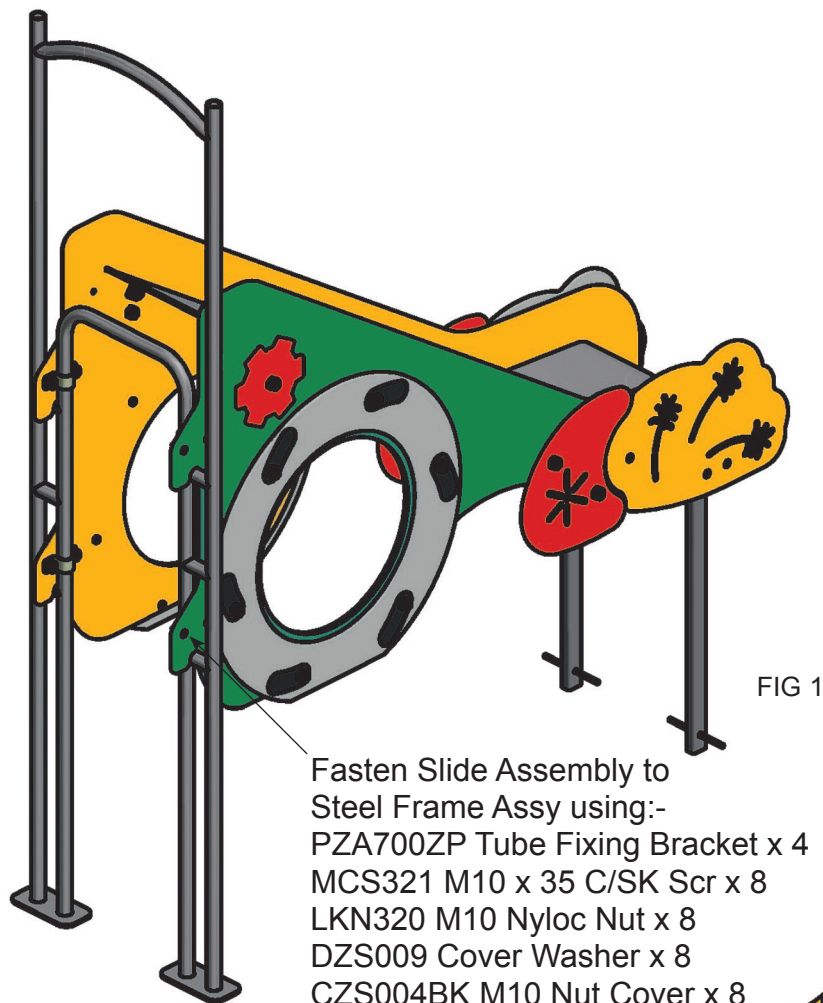
THP074R  
Digger Side Panel

THP070Y  
Digger Left  
Side Panel

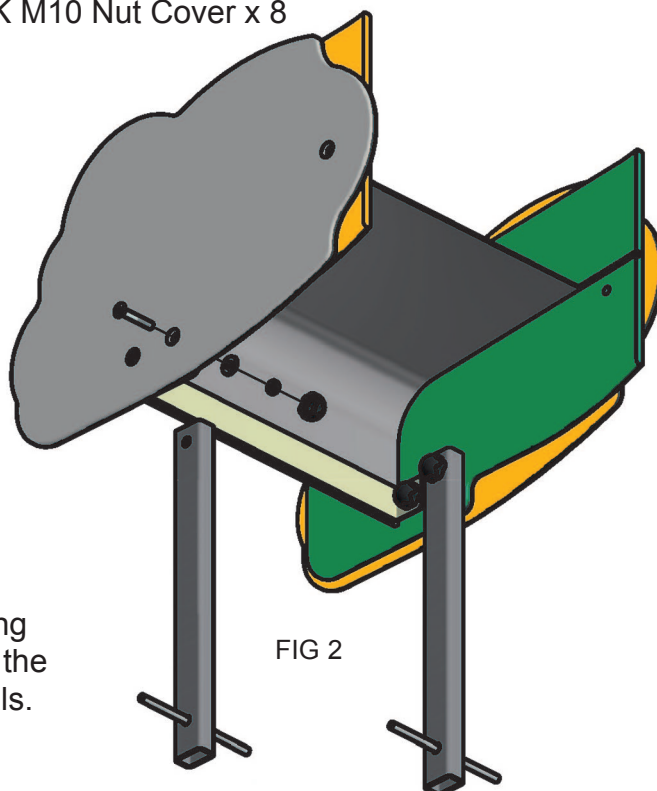
THP072Y  
Digger Right  
Side Panel

# THU003

## Themed Unit Assembly Instructions



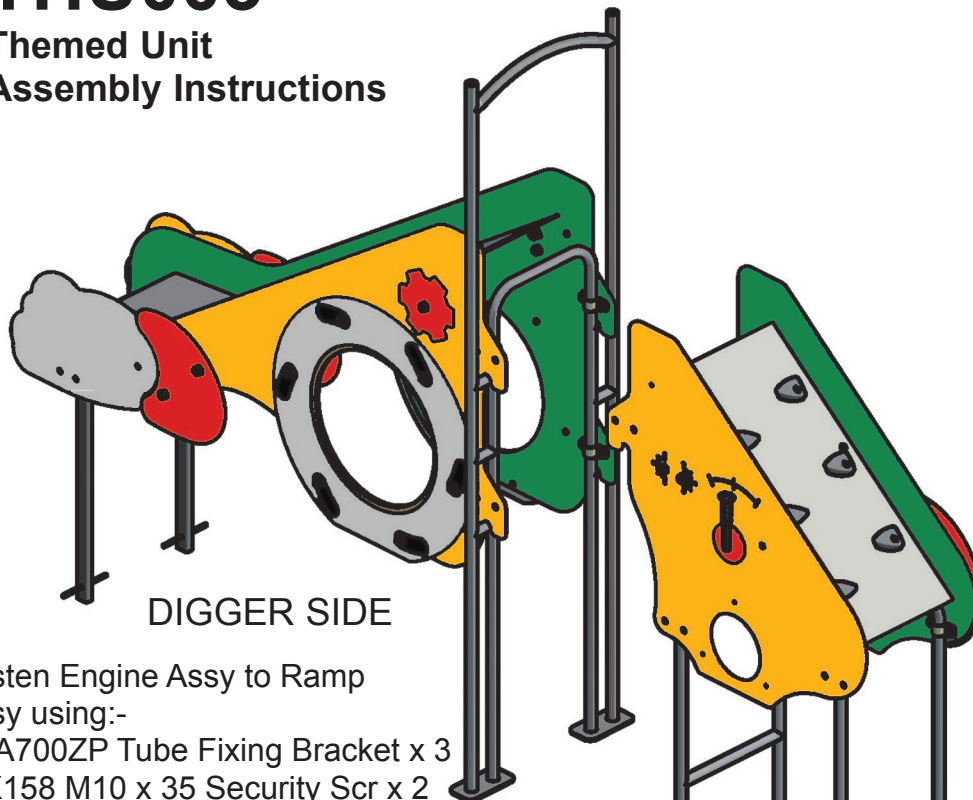
Bolt Pedestals to Slide Assembly using:-  
MCS361 M10 x 75 C/SK Scr x 2  
LKN320 M10 Nyloc Nut x 2  
DZS009 Cover Washer x 2  
CZS004BK M10 Nut Cover x 2



Position 2 off Spragging Irons into the holes at the bottom of the Pedestals.

# THU003

## Themed Unit Assembly Instructions



DIGGER SIDE

Fasten Engine Assy to Ramp

Assy using:-

PZA700ZP Tube Fixing Bracket x 3

FIX158 M10 x 35 Security Scr x 2

WSR040 M10 Plain Washer x 2

MCS316 M10 x 30 C/SK Scr x 5

LKN320 M10 Nyloc Nut x 7

DZS009 Cover Washer x 7

CZS004BK M10 Nut Cover x 7

FIG 3

THF121  
Ramp Assy

**IMPORTANT NOTE**  
**DO NOT FIT SMALL WHEELS**  
**TO ENGINE SIDE PANELS**  
**PRIOR TO FASTENING TO**  
**THE RAMP ASSY.**

Fasten Engine Assy & Bumper

Assy to Ramp Assy using:-

PZA700ZP Tube Fixing Bracket x 3

FIX159 M10 x 40 Security Scr x 1

WSR040 M10 Plain Washer x 1

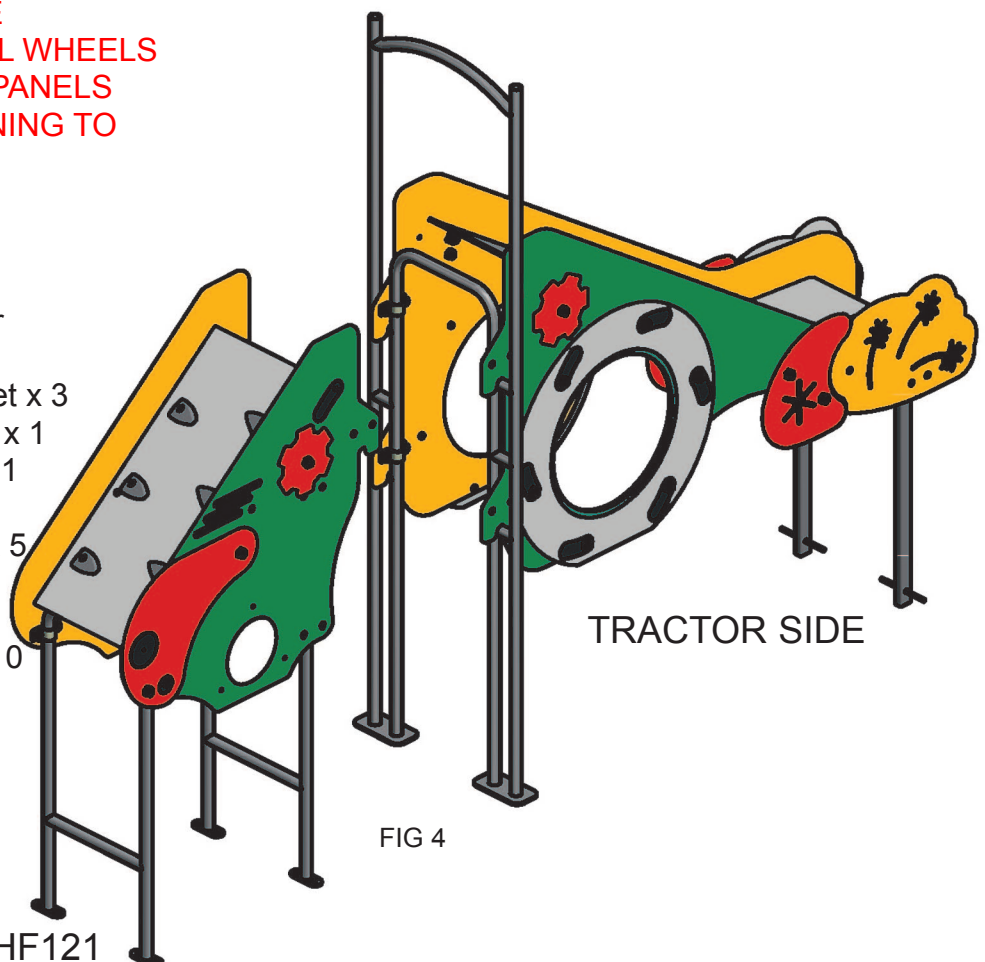
HHB518 M10 x 50 Bolt x 2

MCS316 M10 x 30 C/SK Scr x 5

LKN320 M10 Nyloc Nut x 8

DZS009 Cover Washer x 10

CZS004BK M10 Nut Cover x 10



TRACTOR SIDE

FIG 4

THF121  
Ramp Assy



# THU003

## Themed Unit Assembly Instructions

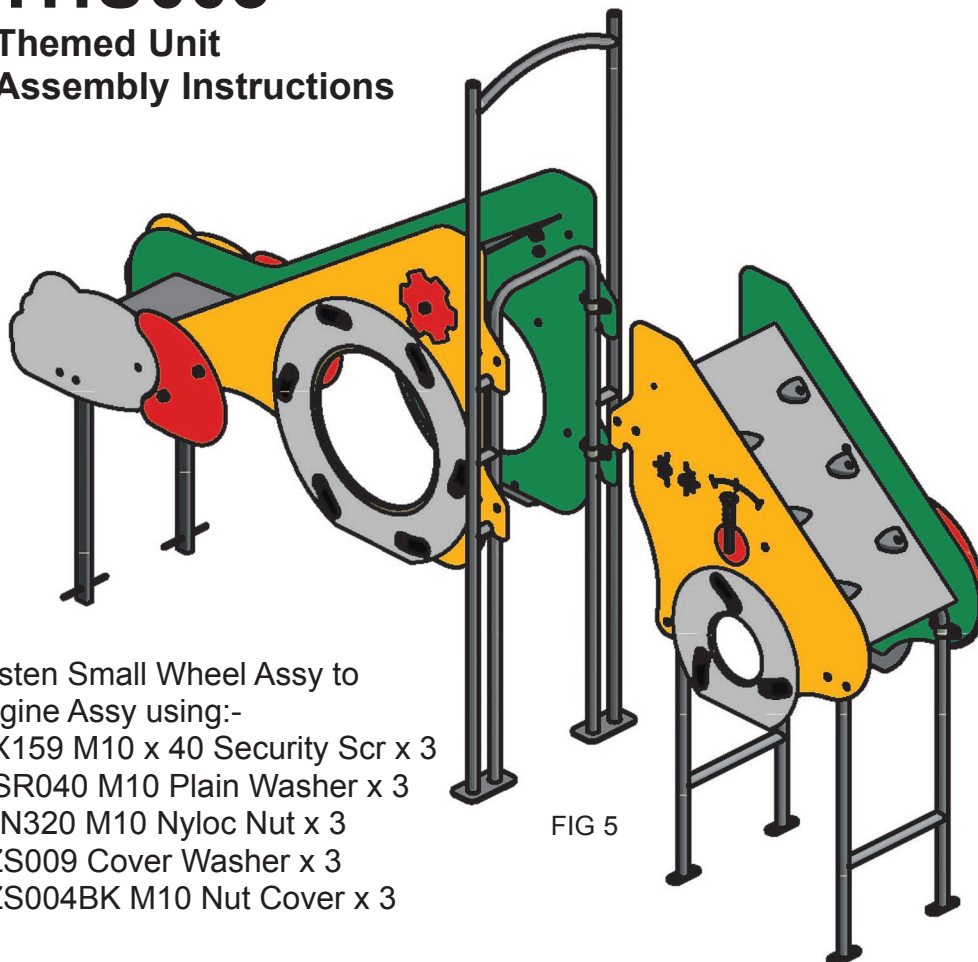


FIG 5

Fasten Small Wheel Assy to  
Engine Assy using:-  
FIX159 M10 x 40 Security Scr x 3  
WSR040 M10 Plain Washer x 3  
LKN320 M10 Nyloc Nut x 3  
DZS009 Cover Washer x 3  
CZS004BK M10 Nut Cover x 3

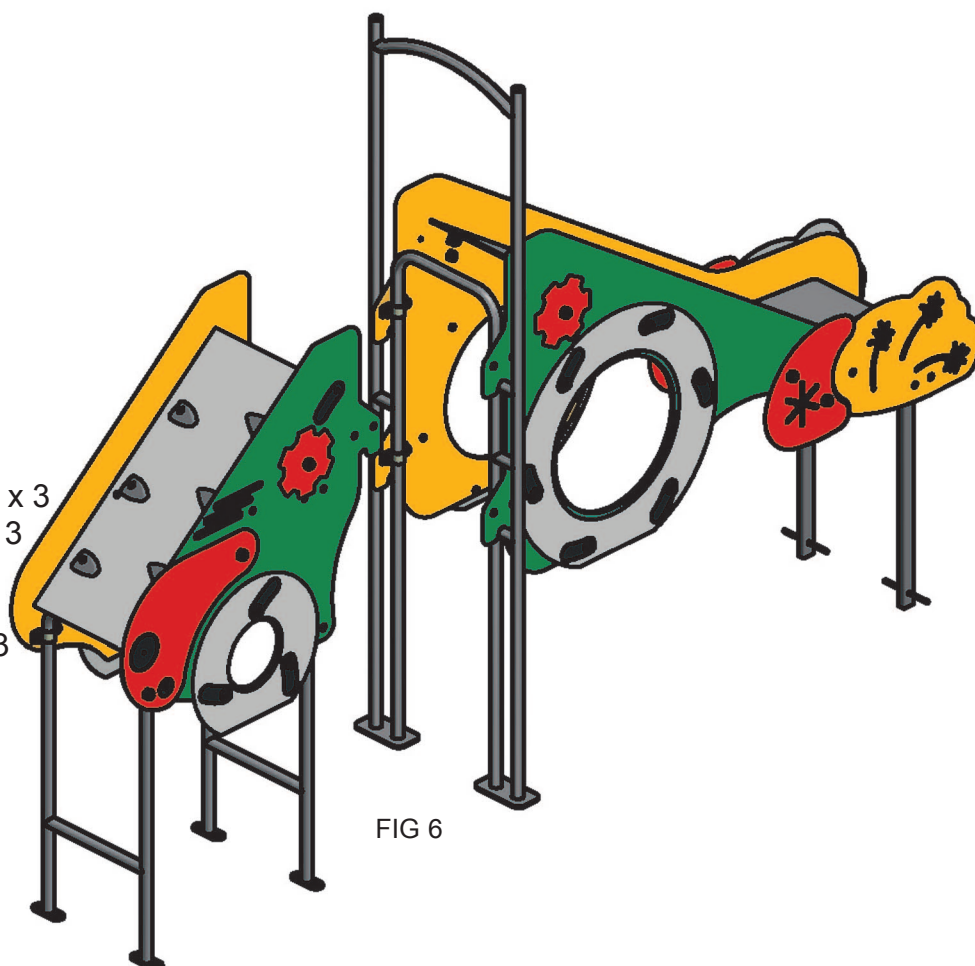


FIG 6

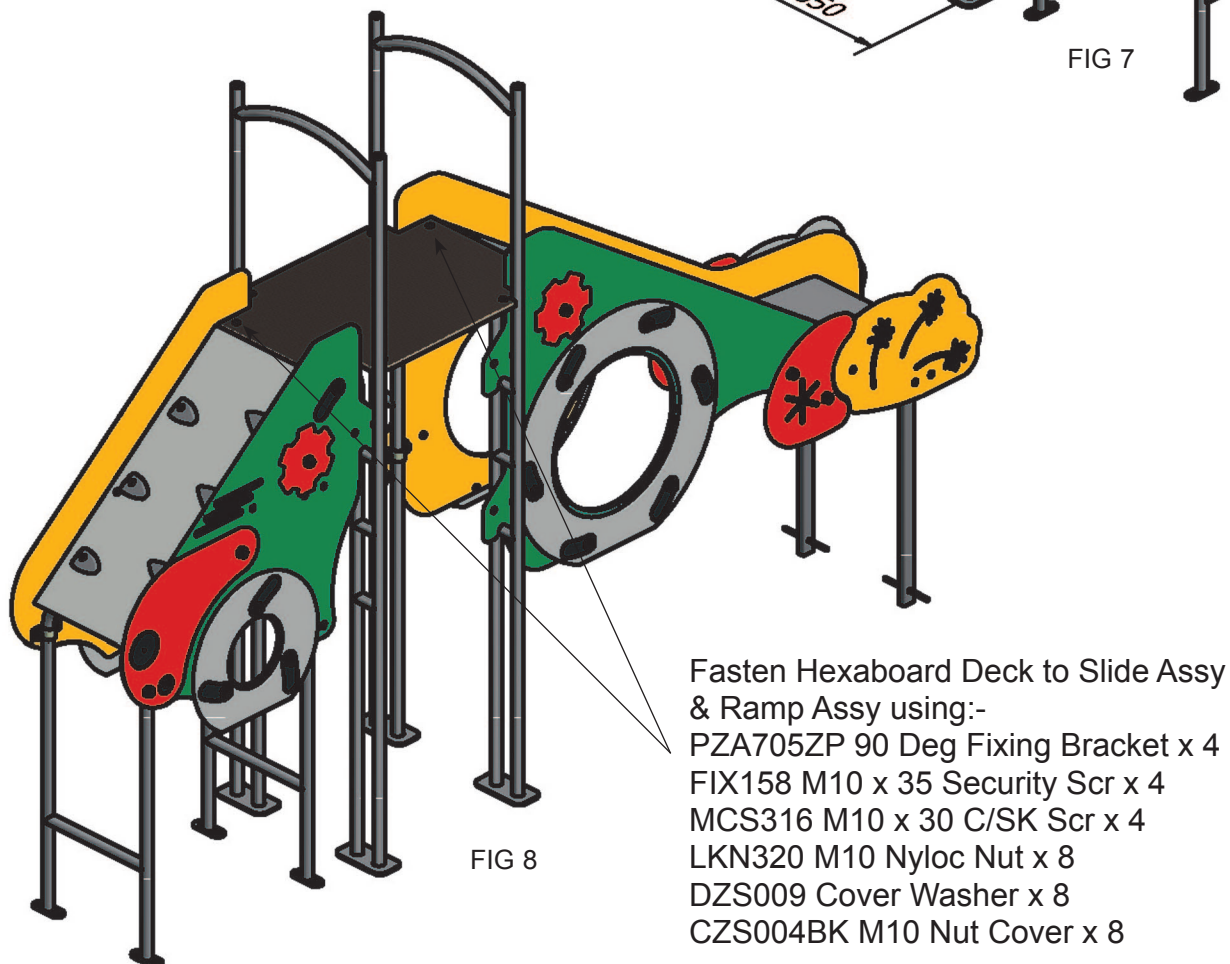
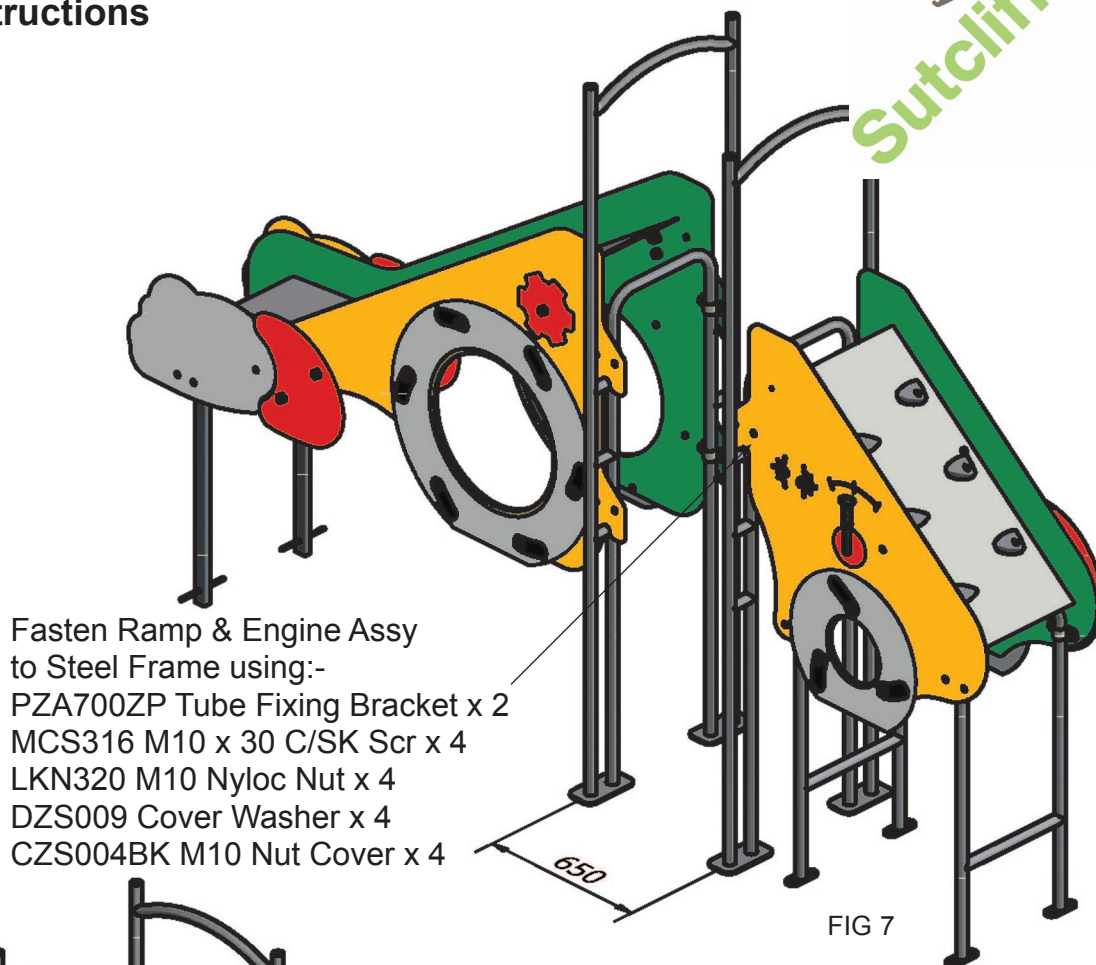
Fasten Small Wheel Assy to  
Engine Assy using:-  
FIX159 M10 x 40 Security Scr x 3  
WSR040 M10 Plain Washer x 3  
LKN320 M10 Nyloc Nut x 3  
DZS009 Cover Washer x 3  
CZS004BK M10 Nut Cover x 3

# THU003

## Themed Unit Assembly Instructions

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# THU003

## Themed Unit Assembly Instructions

Fasten LH and RH Side Panels to  
Hexaboard Deck using:-

- PZA705ZP 90 Deg Fixing Bracket x 2
- MCS316 M10 x 30 C/SK Scr x 2
- MCS321 M10 x 35 C/SK Scr x 2
- LKN320 M10 Nyloc Nut x 4
- DZS009 Cover Washer x 4
- CZS004BK M10 Nut Cover x 4

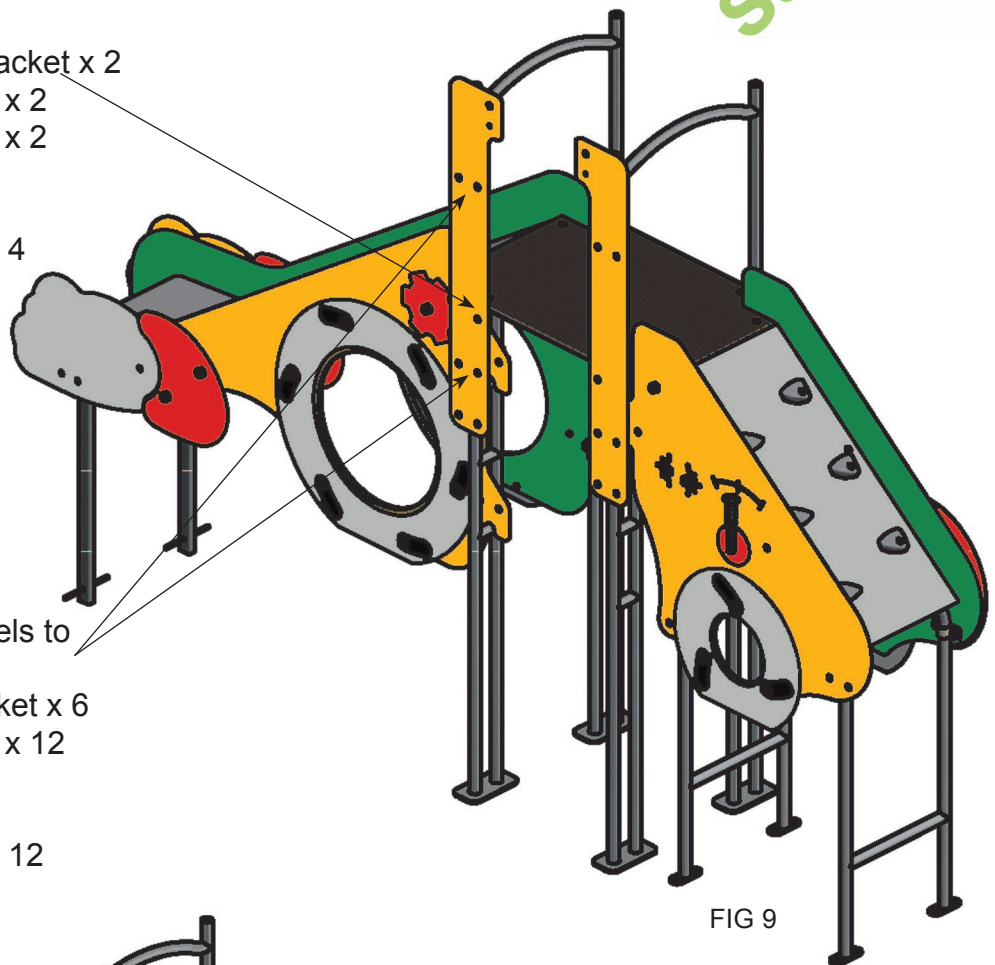


FIG 9

Fasten LH and RH Side Panels to  
Steel Frame using:-

- PZA700ZP Tube Fixing Bracket x 6
- MCS316 M10 x 30 C/SK Scr x 12
- LKN320 M10 Nyloc Nut x 12
- DZS009 Cover Washer x 12
- CZS004BK M10 Nut Cover x 12

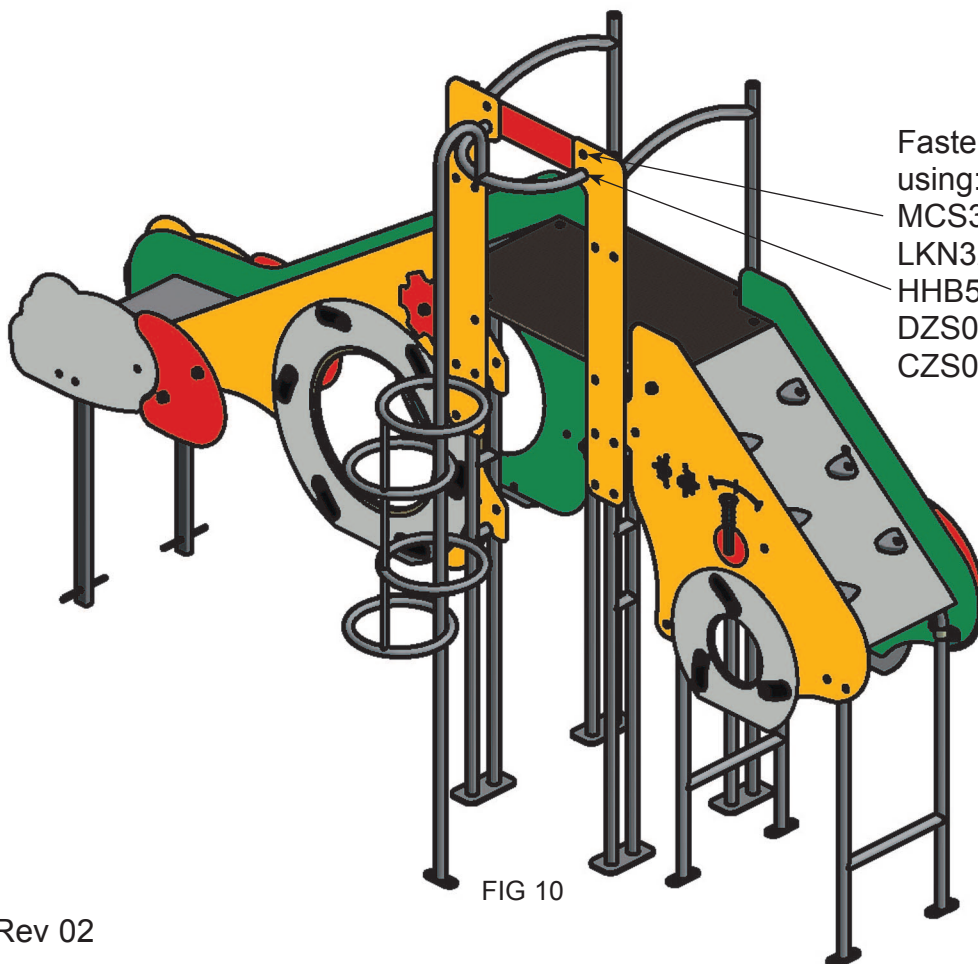


FIG 10

Fasten Ring Climb to Side Panels  
using:-

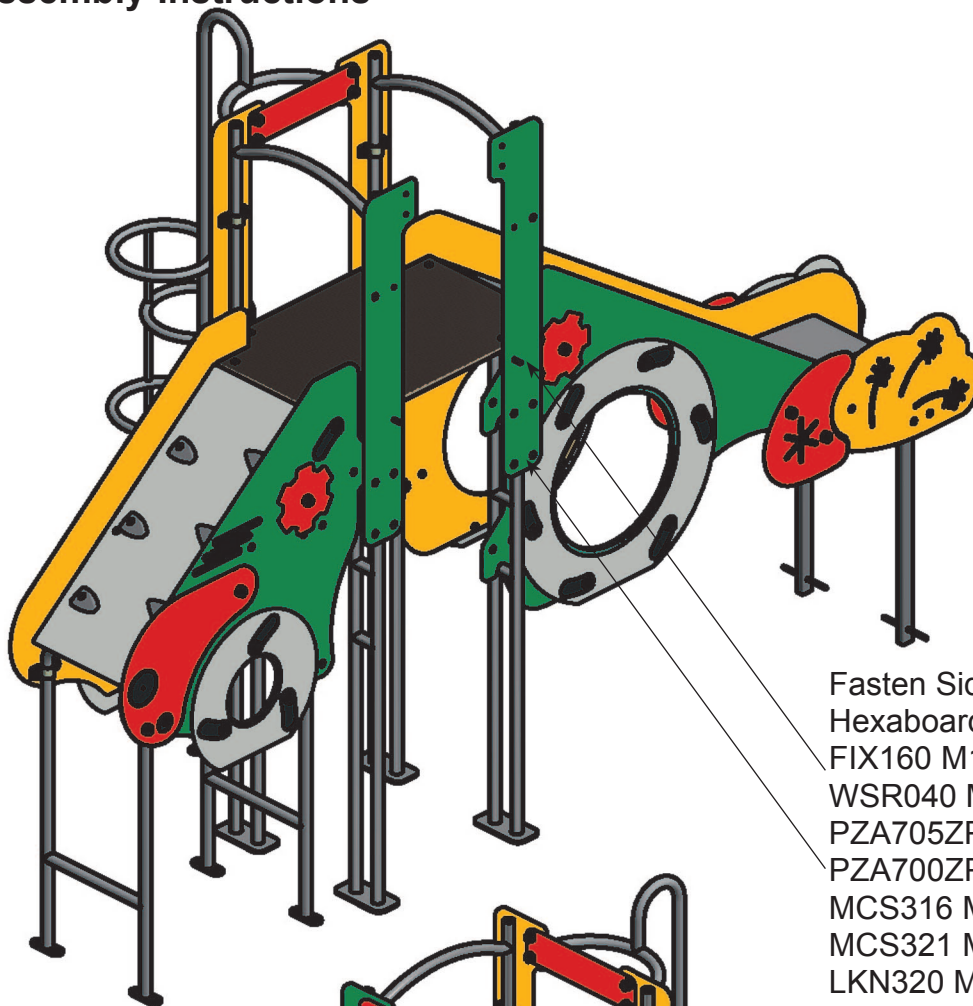
- MCS326 M10 x 40 C/SK Scr x 2
- LKN320 M10 Nyloc Nut x 2
- HHB518 M10 x 50 Bolt x 2
- DZS009 Cover Washer x 4
- CZS004BK M10 Nut Cover x 4



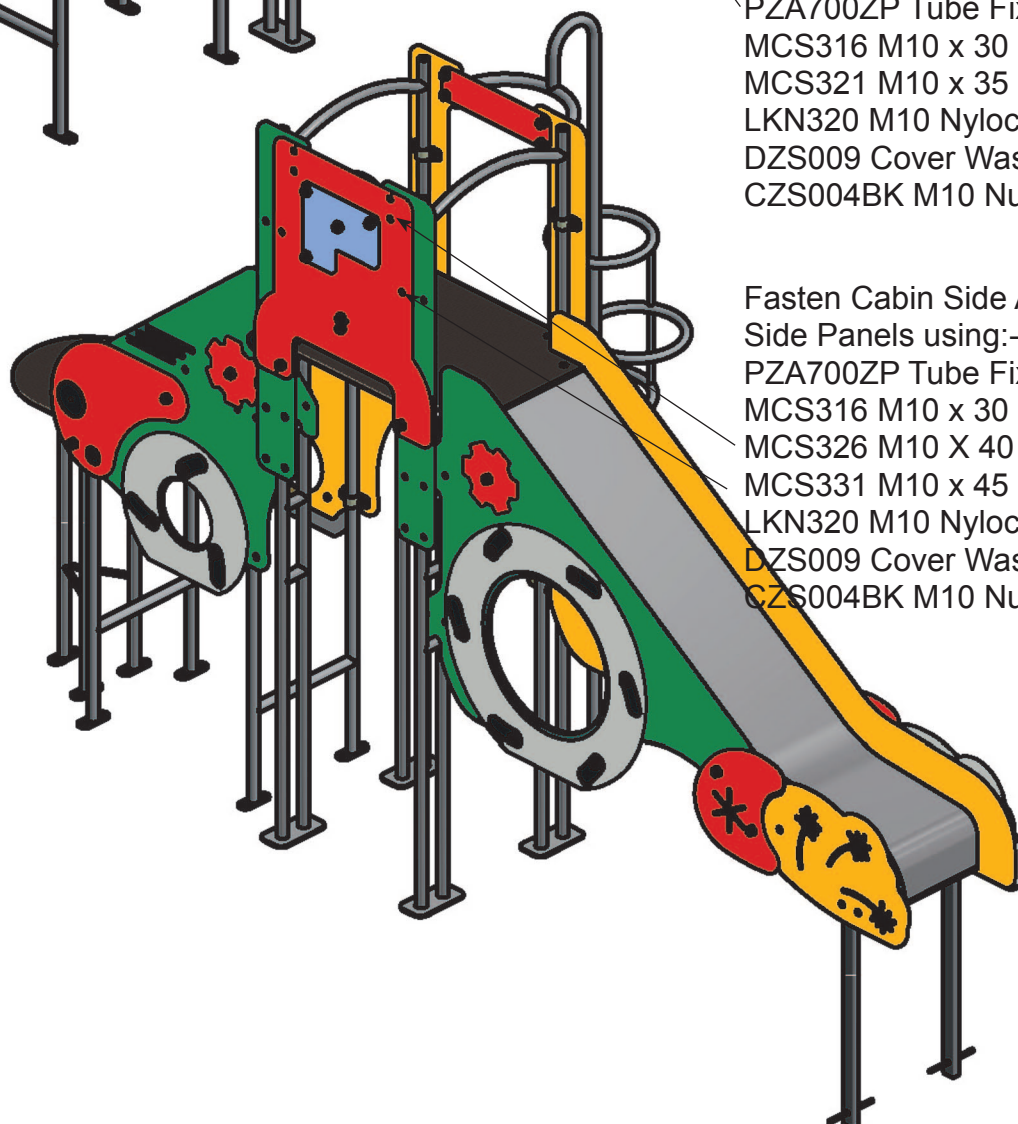
# THU003

## Themed Unit Assembly Instructions

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Fasten Side Panels to  
Hexaboard Deck using:-  
FIX160 M10 x 50 Security Scr x 2  
WSR040 M10 Plain Washer x 2  
PZA705ZP 90 Deg Fixing Bracket x 2  
PZA700ZP Tube Fixing Bracket x 4  
MCS316 M10 x 30 C/SK Scr x 8  
MCS321 M10 x 35 C/SK Scr x 2  
LKN320 M10 Nyloc Nut x 10  
DZS009 Cover Washer x 10  
CZS004BK M10 Nut Cover x 10



Fasten Cabin Side Assy to  
Side Panels using:-  
PZA700ZP Tube Fixing Bracket x 2  
MCS316 M10 x 30 C/SK Scr x 2  
MCS326 M10 X 40 C/SK Scr x 4  
MCS331 M10 x 45 C/SK Scr x 2  
LKN320 M10 Nyloc Nut x 10  
DZS009 Cover Washer x 10  
CZS004BK M10 Nut Cover x 10

# THU003

## Themed Unit

### Maintenance Instructions

**NB:** 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 38mm Ø tube, step/ring climbers, welded bar, swing frames, deck frames, springie frames.
- 2 **Stainless Steel** - all slides, mirror panels.
- 3 **Aluminium** - all Playzone, Mission and Toddlerzone posts.
- 4 **Galvanised Steel** - all chains and Teenzone posts.
- 5 **Moulded Rubber Products without steel inserts** - all Mission and 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, Minizone, Teenzone and Themed panels.
- 9 **Steel Core Polypropylene Rope** - all Scramble Nets, Space Nets, Playzone/Toddlerzone/Mission Ropes.