INSTALLATION INSTRUCTION	City 2 Bay Team Swing	Ref No. STS/2/AW	Iss No. 03

UNIT SPECIFICATION

Equipment Dimensions	6.9m x 2.5m x 2.7m	FHF
	1.6m	
Overall Weight	215kg	Heaviest Part
	33kg (CH080)	
Largest Part	3.5m x 1.2m x 0.2m (SJSW02/03/04.) 2.6m x 1.2m x 0.2m (SJSW05/06/07.)	Longest Part
	3.5m (SJSW02/03/04.) 2.6m (SJSW05/06/07.)	
Concrete Required	1.25m³	Construction Space
	8.1m x 6.8m x 3.9m	
Manpower Required	2	Estimated Time
	5	

mm

Bolt length measured as diagram.

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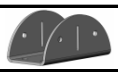
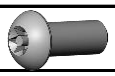
COMMON PARTS LIST

Part	Qty	Image	Description
SEAT7 /SEAT8	1		Team Swing Seat & Chain Assembly
F074	36		M12 X 35 S/S Hex Head Bolt
SJSW01C	6		Swing plate
F138	36		M12 Nylock
F115	36		M12 Washer
F601A	36		Plastic Dome Cap Washer
F601C	36		Plastic Dome Cap Long M12
SJSW01B	2		Frame Bracket
STS1	1		Top Pole Assembly
SJSW01(A)	1		Top Pole Assembly with Antiwrap Bearings
F423	2		M8 x 30mm Security Bolt
F108	4		M8 S/S Washer
F419	2		M8 S/S Nylock Nut

SEAT OPTIONS PARTS LIST

Part	Qty	Image	Description
SEAT1/AW	0-2		Flat Seat & Chain Assembly
SEAT2/AW	0-2		Cradle Seat & Chain Assembly
SEAT3/AW	0-2		Anti-Wrap Mirage Seat Chain Assembly
SEAT4/AW	0-1		Tango Seat & Chains for Junior Swing Frame

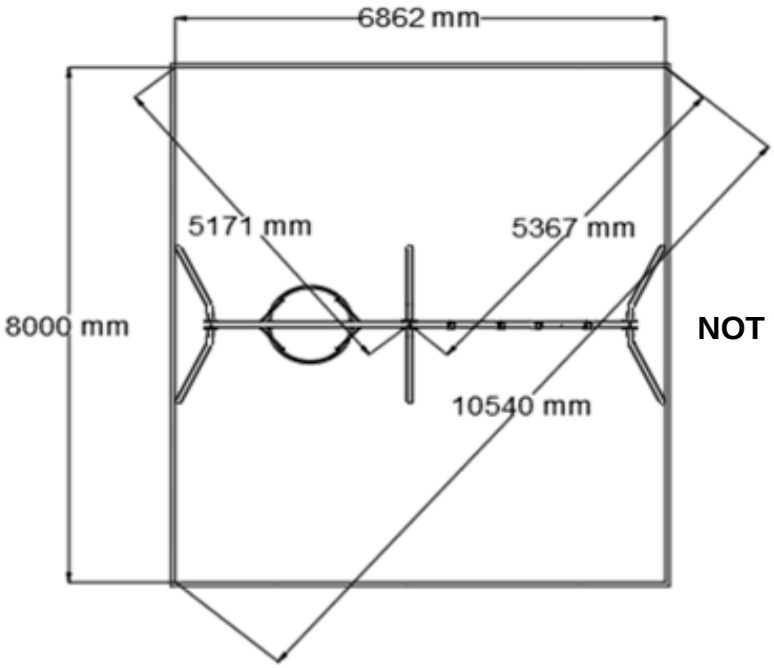
ADDITIONAL SURFACE FIX PARTS LIST

Part	Qty	Image	Description
SJSW05	2		Left Leg Assembly
SJSW06	2		Right Leg Assembly
SJSW07	2		Central Leg Assembly

ADDITIONAL STANDARD FIX PARTS LIST

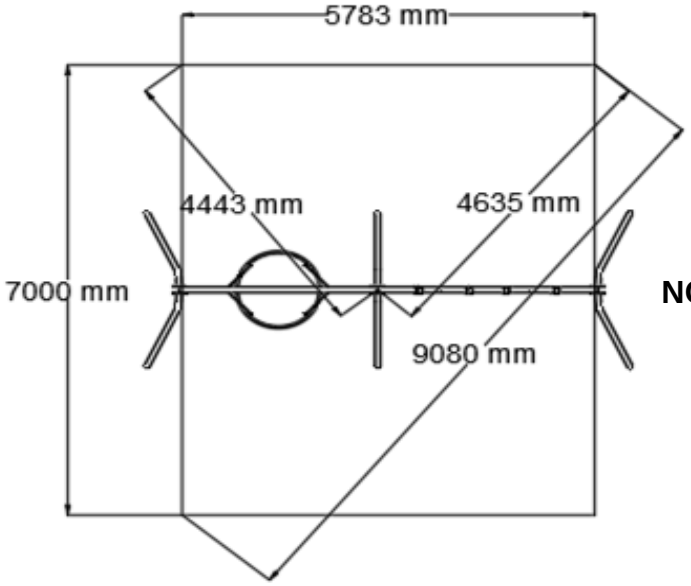
Part	Qty	Image	Description
SJSW02	2		Left Leg Assembly
SJSW03	2		Right Leg Assembly
SJSW04	2		Central Leg Assembly

Loosefill Area



NOT TO SCALE

EN 1176 Impact Area



NOT TO SCALE

Dimensions given are absolute minimums. Must not be lower than values given!

SURFACING SPECIFICATION	
Finished Gradient	1in50 max
f.h.f.	1.6m
Impact Area	40.48m²
Hard Standing Perimeter	26
Loosefill Area	55m²
Loosefill Area Perimeter	30m

Swing Positioning recommendations

When fully enclosing swings with fences/walls etc. They should be positioned a minimum of 1.5 metres from side edge of swing seat and 1.5m from the impact area in the direction of swing. They should have one or more entrances in corners of the enclosure nearer the centre of the playground to discourage children from waiting around the swings.

When positioning near fences/walls etc. but not fully enclosing. The swing should be positioned a minimum of 1.5 metres from the side edge of the swing seat, 0.5 metres from the impact area in one direction of swing and 1.5 metres from the impact area in the opposite direction of swing.

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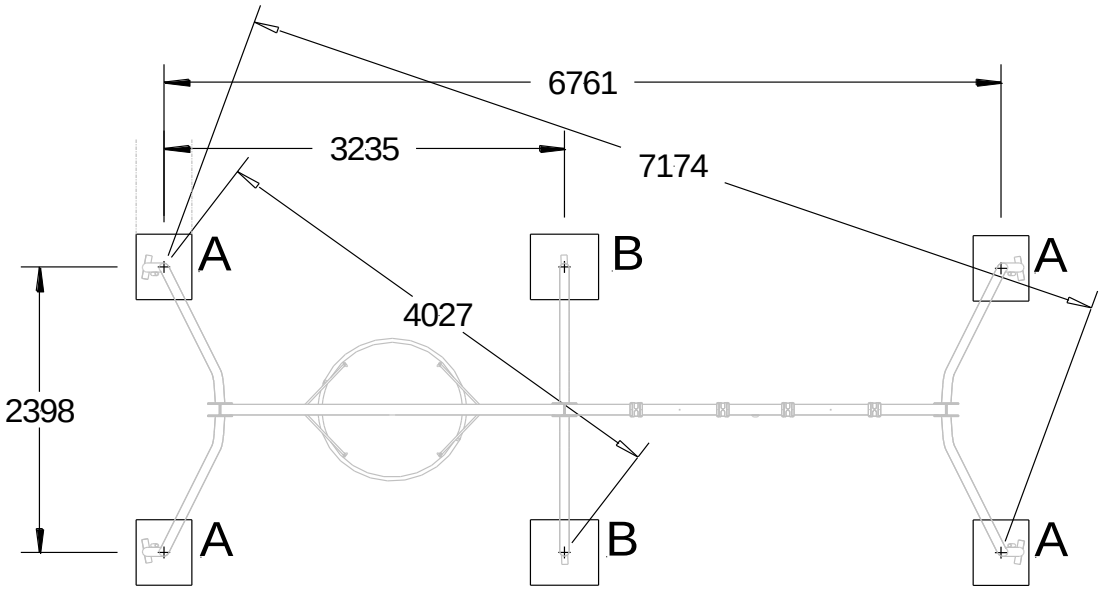
Standard Foundation Plan



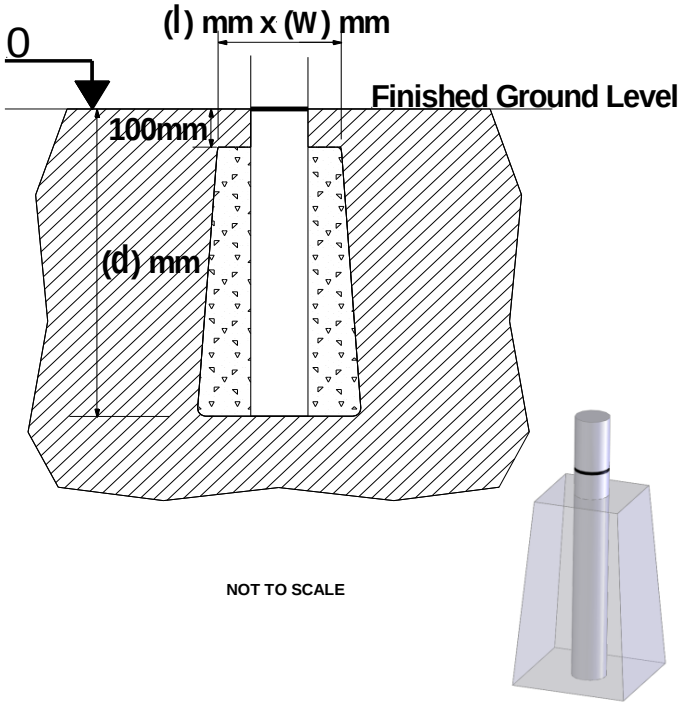
A = 550mm (l) X 450mm(w) X 800mm(d)
B = 550mm (l) X 550mm(w) X 800mm(d)

Concrete Required	1.25m³

Minimum Concrete Specification: C16/20 (20 N/mm² min. compressive strength)
Recommended Mix: 1 part cement/ 2 part sand/ 4 part stone.

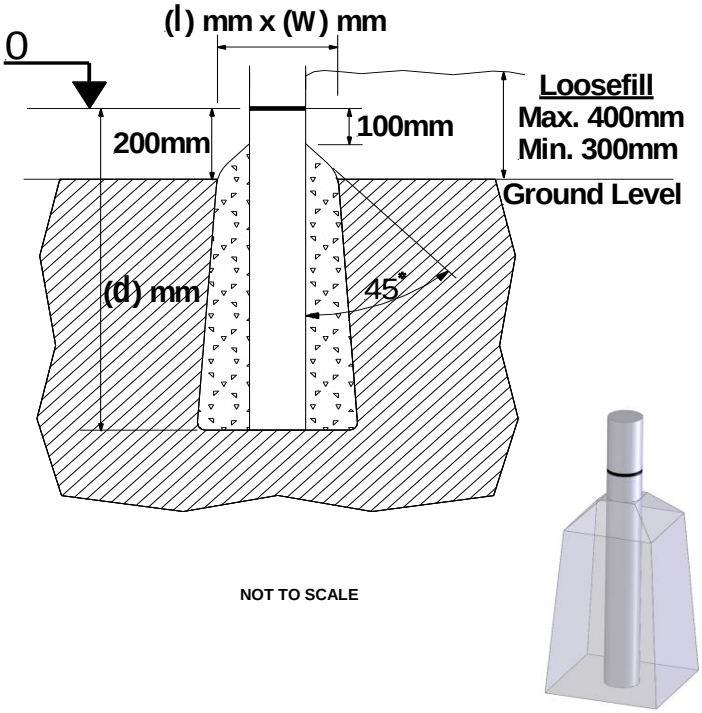
NOT TO SCALE

Standard Foundation Detail



NOT TO SCALE

Loosefill Foundation Detail

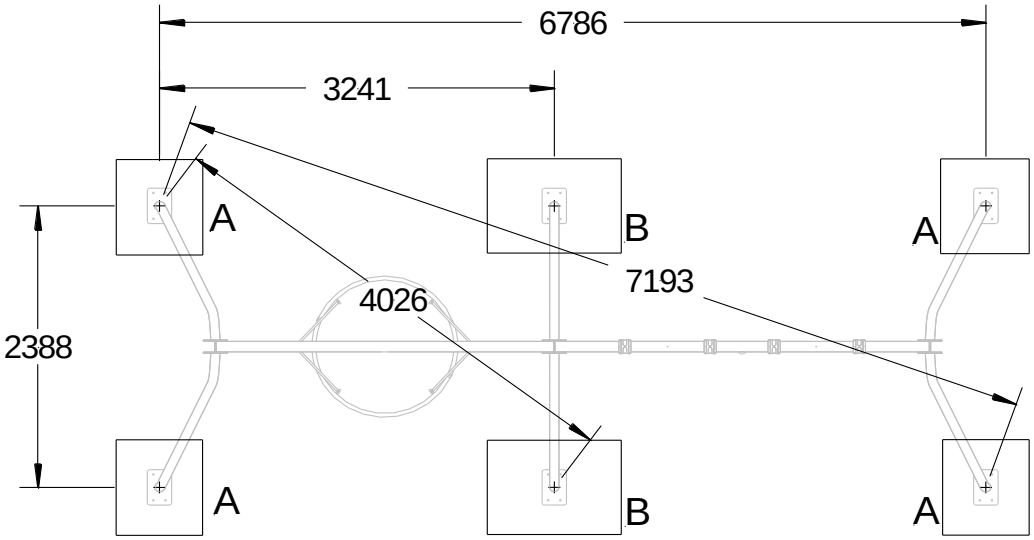


NOT TO SCALE

NOTE: All holes must taper out from hole width at top of hole (as shown) to give maximum stability. In loose or sandy ground all hole width dimensions should be increase by approximately 50%.

INSTALLATION INSTRUCTION	City 2 Bay Team Swing	Ref No. STS/2/AW	Iss No. 03

Surface Fix Foundation Plan



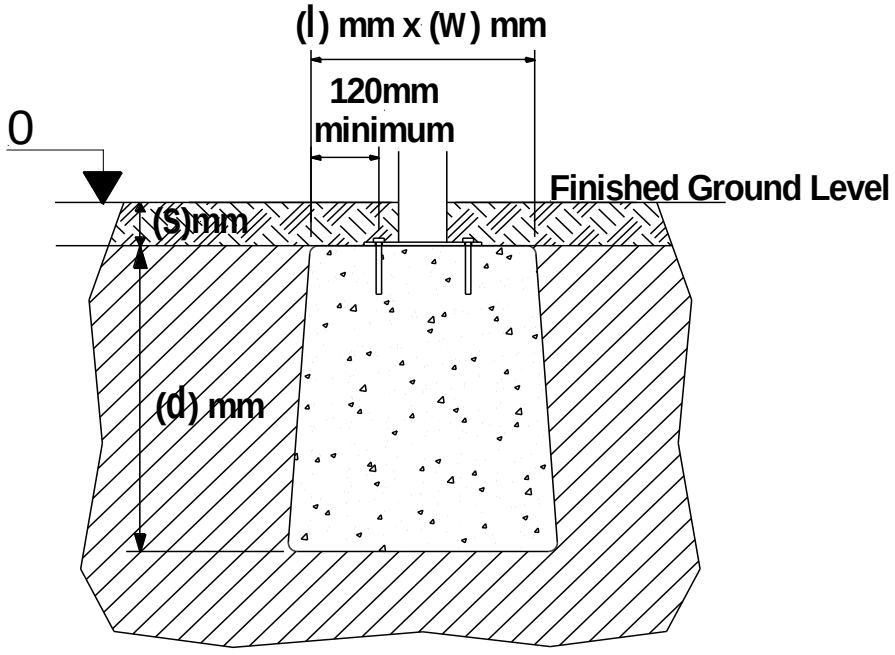
A = 800mm (l) X 650mm(w) X 250mm(d)
B = 800mm (l) X 1100mm(w) X 250mm(d)

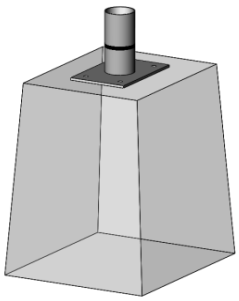
Concrete Required	1.1m³

Nominal Surfacing Depth (s) = 65mm
(Allowance 50 - 80mm)

Foundations MUST be level, seperate foundation MUST be level with each other. (maximum gradient 1 in 500)
Minimum Concrete Specification: C20/25 (20 N/mm² min. compressive strength) Vertical loading pattern to assess existing concrete foundations available on request. Playdale's surface fix system has been designed for use with an M12 Resin/Adhesive Anchor system [Recommended Load (Tensile) 15kN minimum] using appropriate threaded stud/rod and Anti-Vibration Nut.
All Plates and fixings should be covered appropriately as not to cause impact or trip hazard

Surface Fixed Foundation Detail





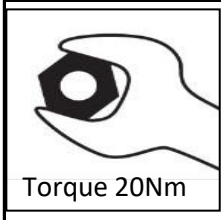
NOTE: All holes must taper out from hole width at top of hole (as shown) to give maximum stability. In loose or sandy ground all hole width dimensions should be increase by approximately 50%.

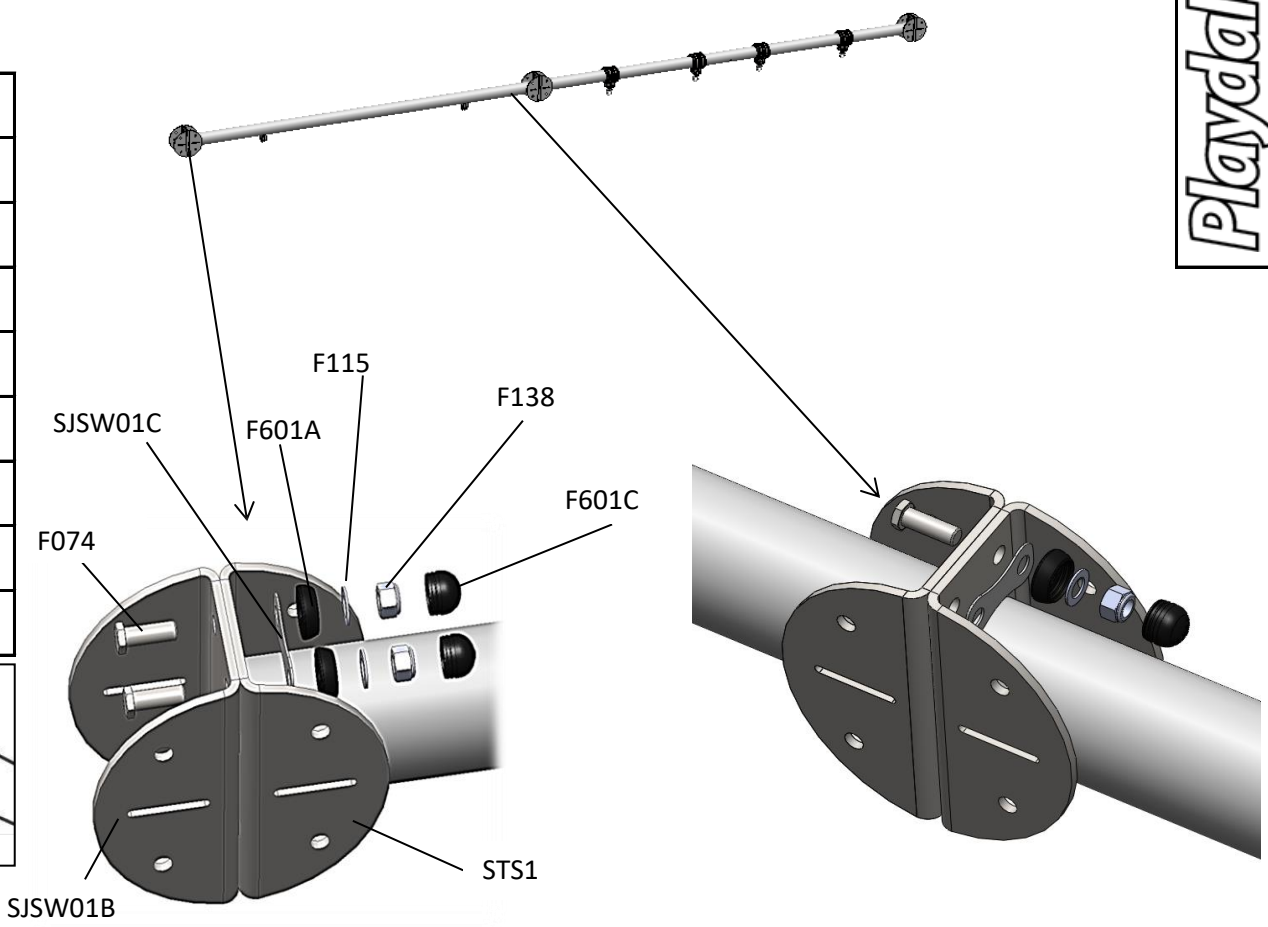
INSTALLATION INSTRUCTION	City 2 Bay Team Swing	Ref No. STS/2/AW	Iss No. 03

Playdale

1

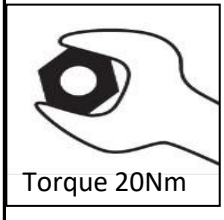
SJSW01B	2
STS1	1
SJSW01(A)	1
F074	12
F115	12
F138	12
F601A	12
F601C	12
SJSW01C	6

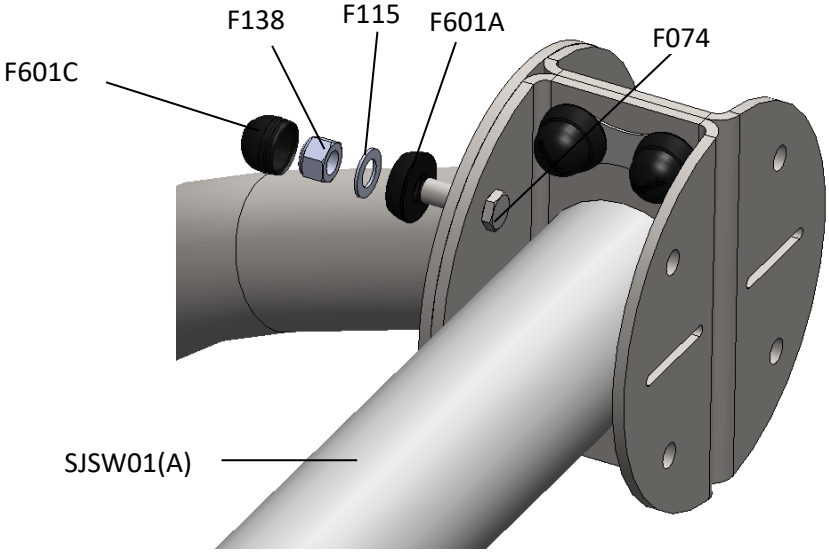


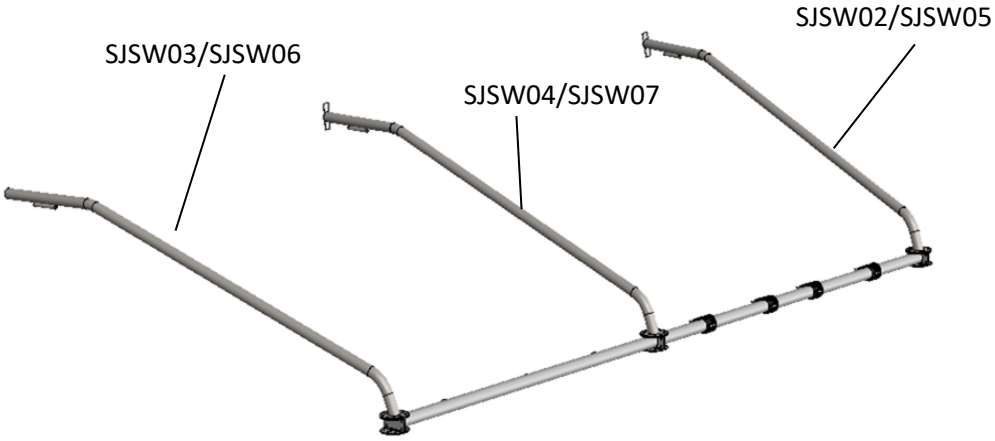


2

SJSW02 SJSW05	1	Standard Surface
SJSW03 SJSW06	1	Standard Surface
SJSW04 SJSW07	1	Standard Surface
F115	12	
F138	12	
F601A	12	
F601C	12	
F074	12	



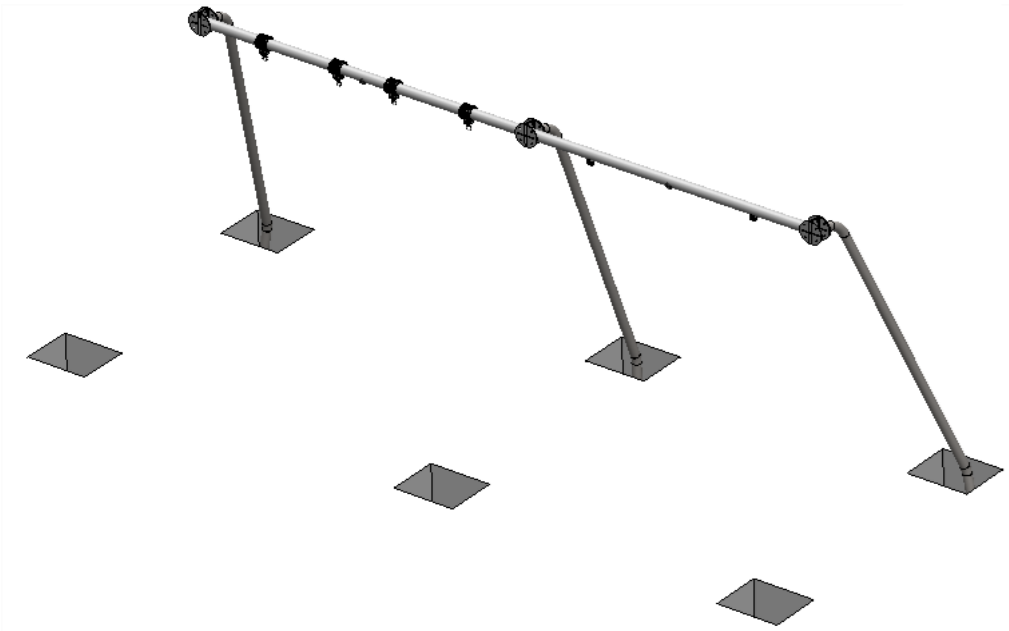


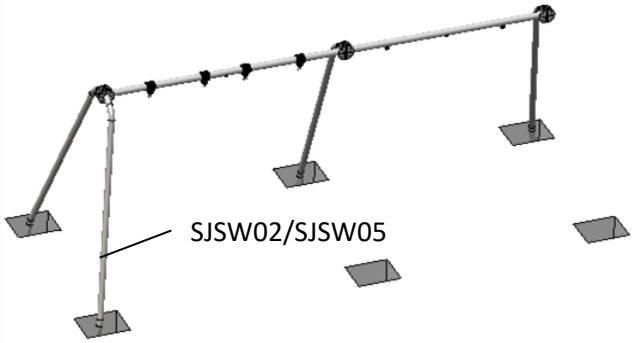


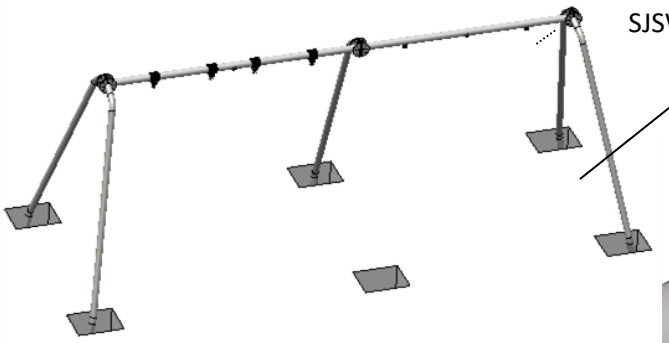
INSTALLATION INSTRUCTION	City 2 Bay Team Swing	Ref No. STS/2/AW	Iss No. 03

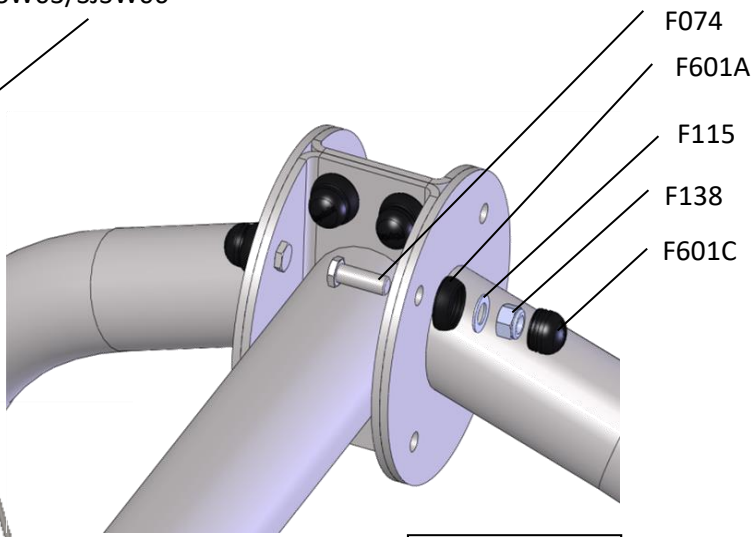
3

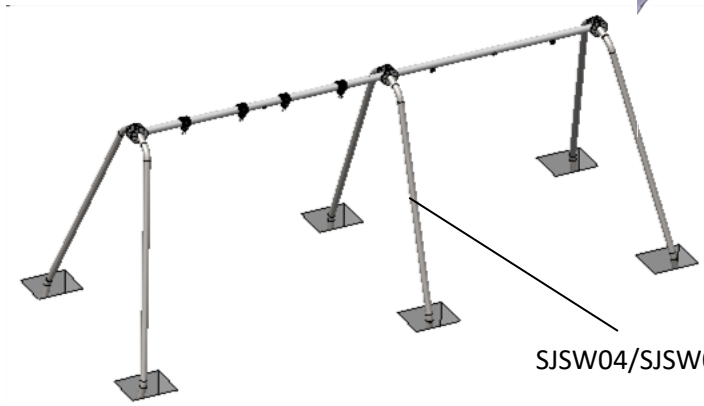
SJSW02 SJSW05	1
SJSW03 SJSW06	1
SJSW04 SJSW07	1
F115	12
F138	12
F601A	12
F601C	12
F074	12

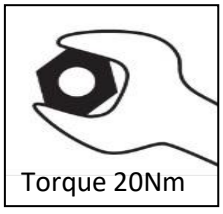








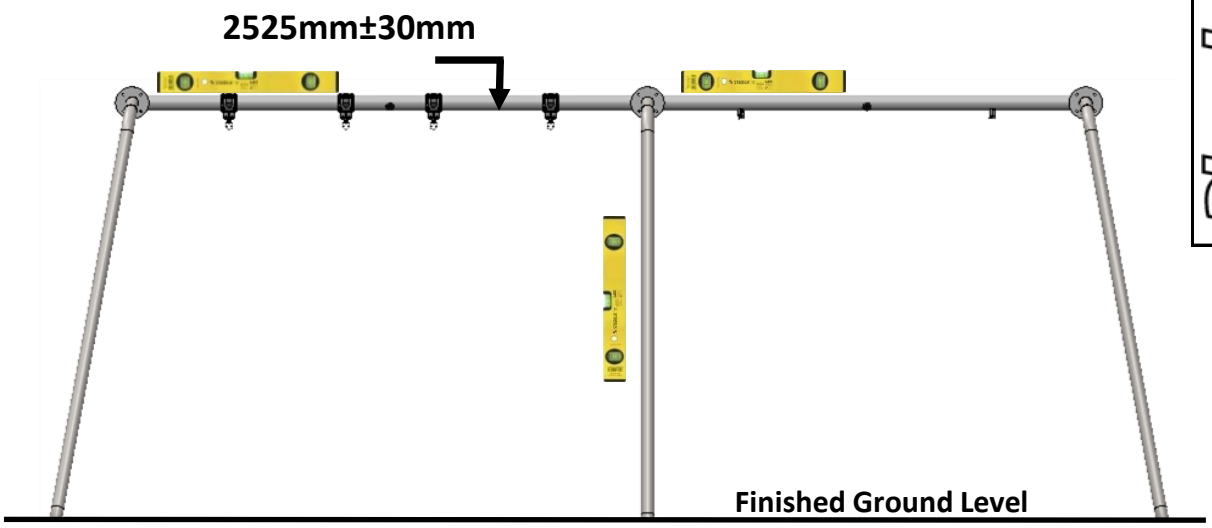




Playdale

4

Concrete

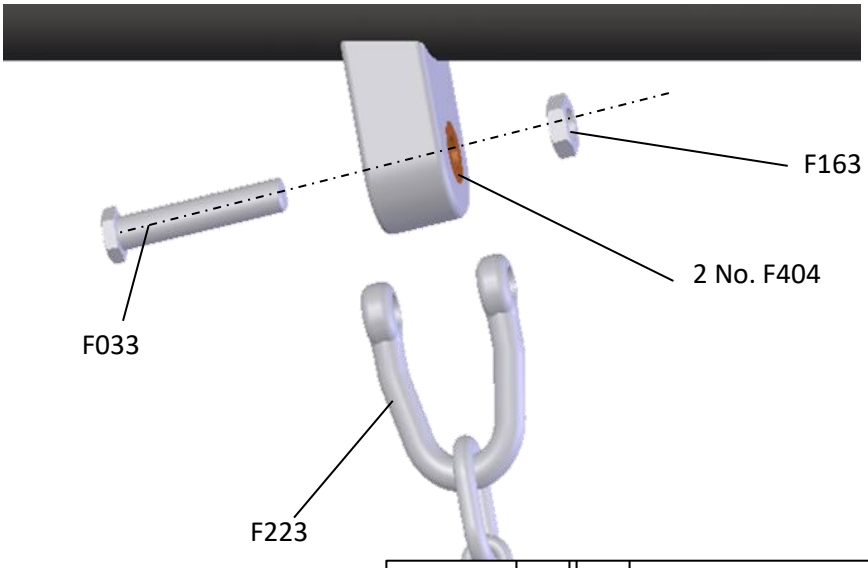


5

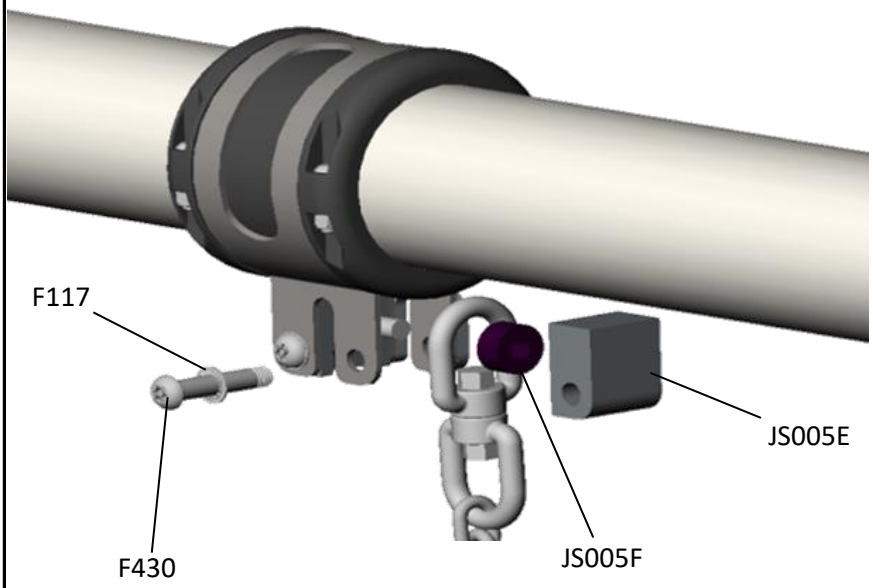
After 2-3 days

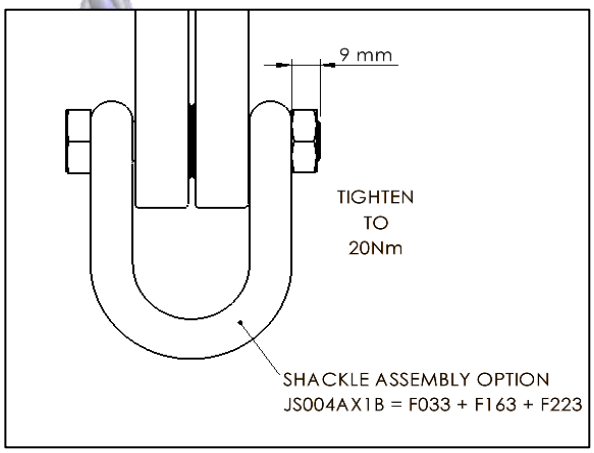
SEAT1/AW	0-2	Flat Seat
SEAT2/AW	0-2	Cradle Seat
SEAT3/AW	0-2	Anti-Wrap Mirage Seat Chain Assembly
SEAT7 /SEAT8	1	Team Swing Seat & Chain Assembly
JS004AX1B	2	
Anti Wrap Shackle Assembly	4	

Standard Team Swing Shackle Assembly (JS004AX1B)



Anti-wrap Shackle Assembly





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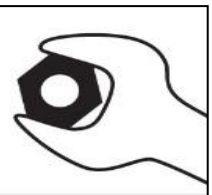
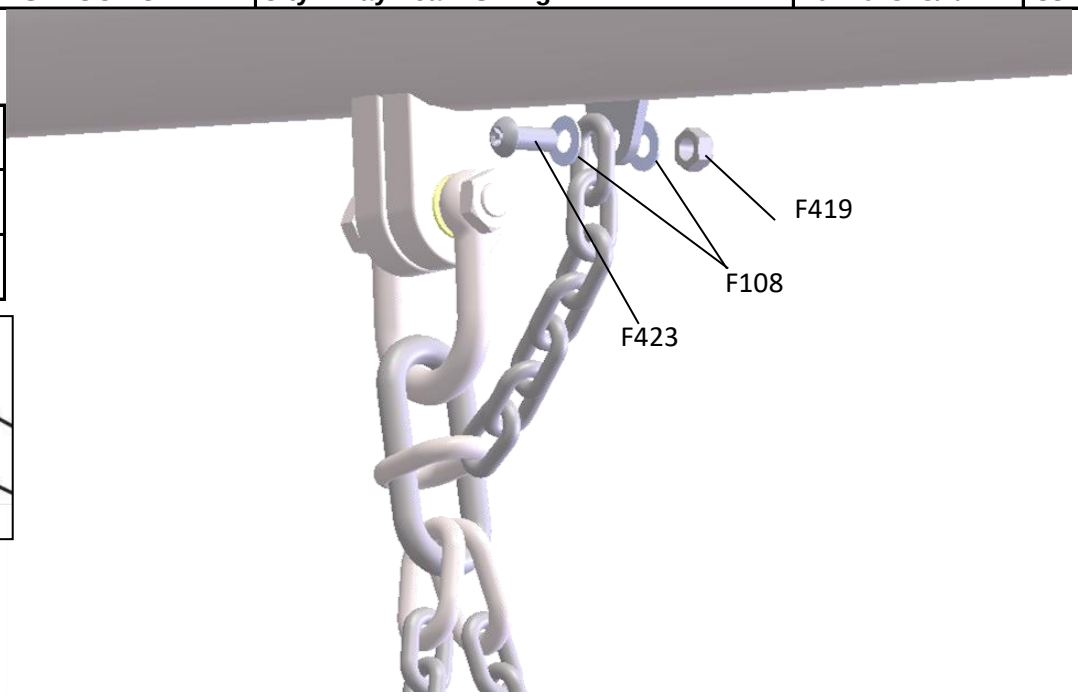
Playdale

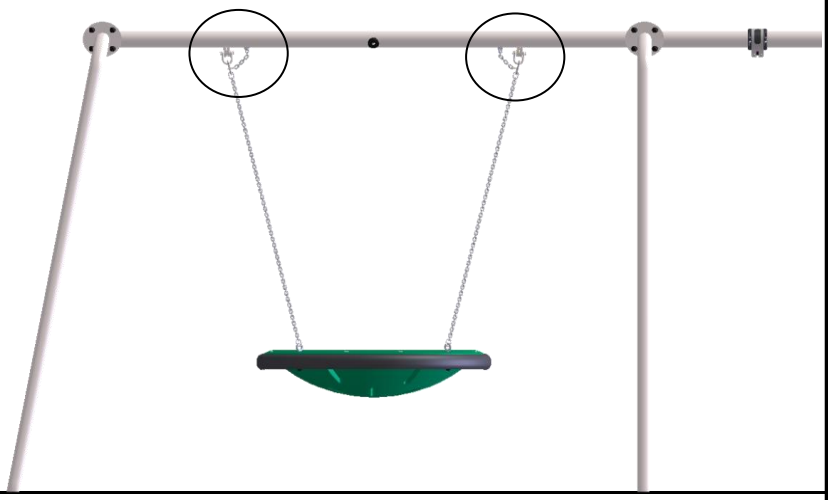
6

F423	2
F108	4
F419	2



Torque to 20Nm





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