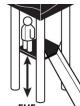
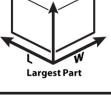
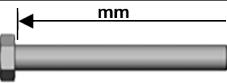
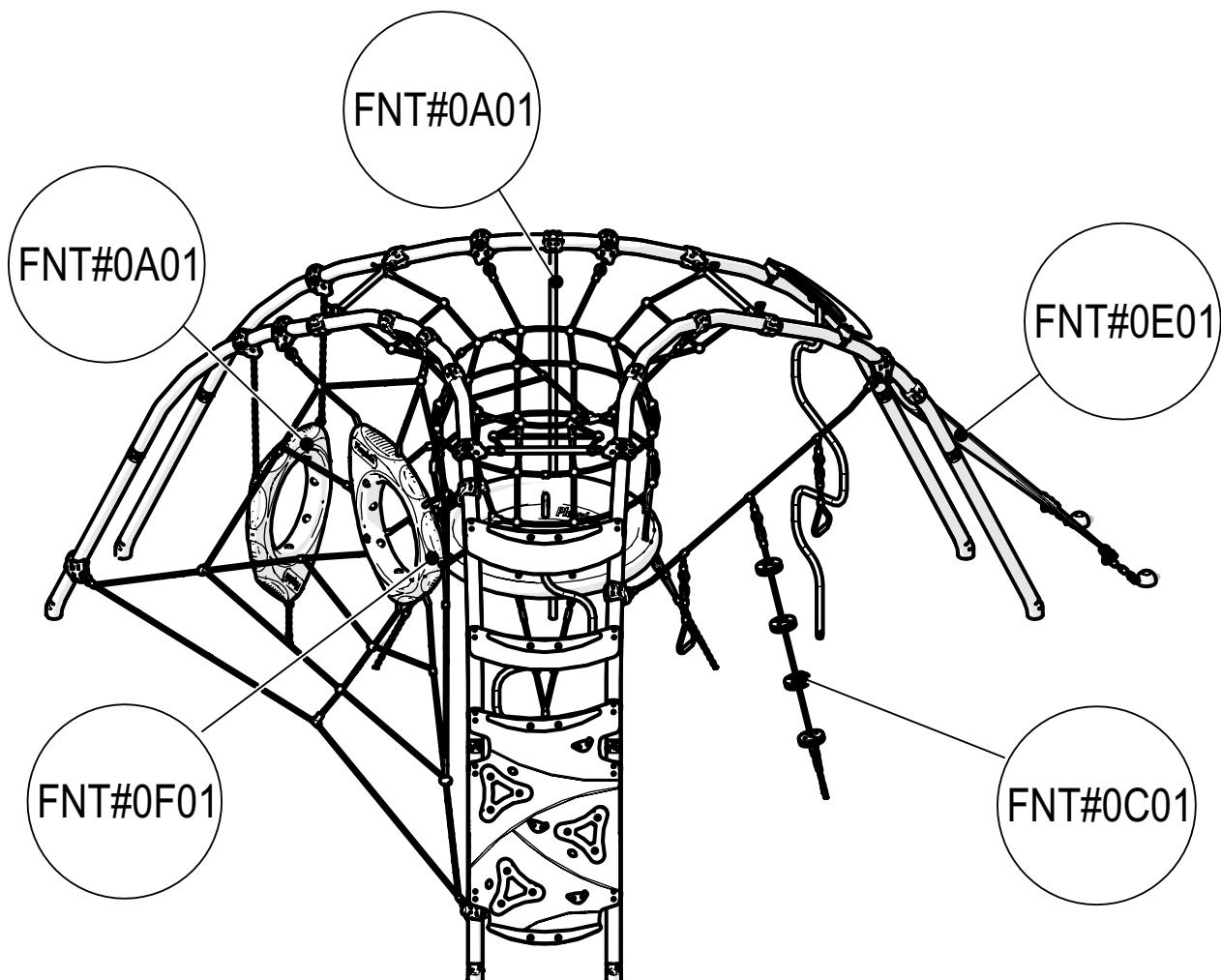
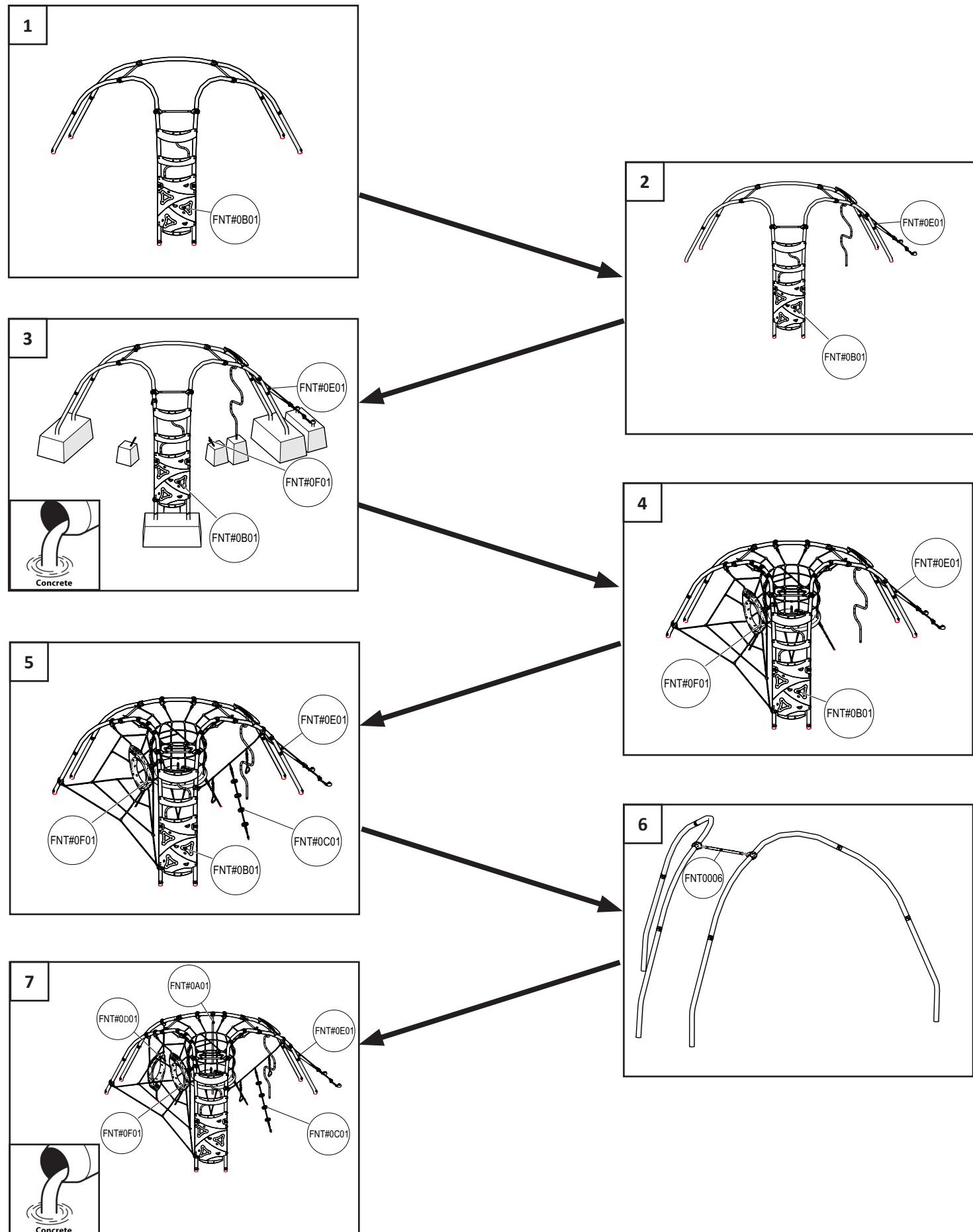


Unit Specification		
 Equipment Dimensions	5.6m x 4.7m x 2.5m	 FHF
 Overall Weight	2.5m	 kg
 Heaviest Part	535kg	 kg
 Largest Part	2.3m x 2.3m x 0.3m	 Longest Part
 Concrete Required	1.76m ³	 Construction Space
 Manpower Required	2.9m	 Estimated Time
	8.8m x 8.8m x 3.8m	
	28 Hours	
	 mm	
Bolt length measured as diagram.		

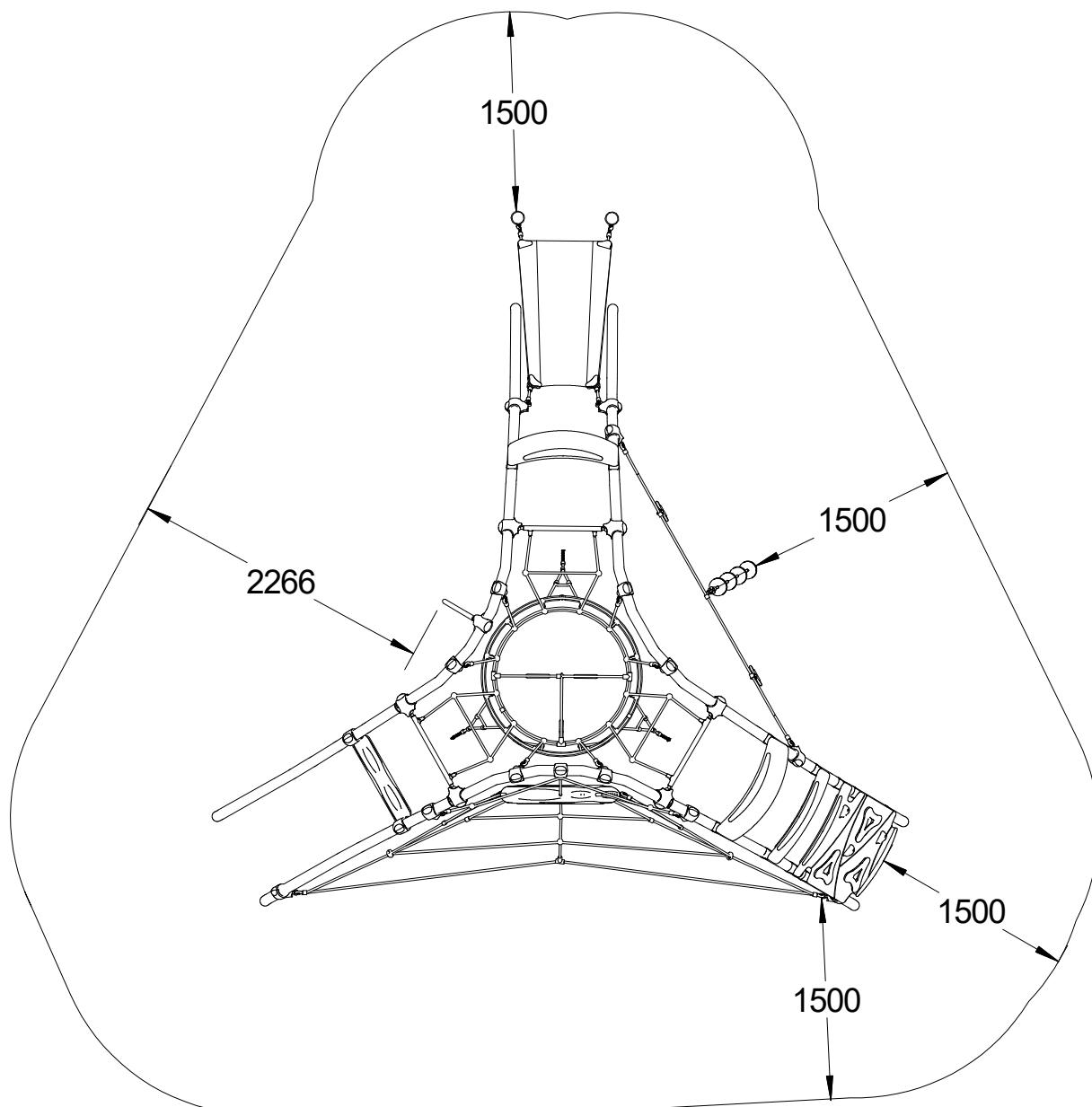




Components

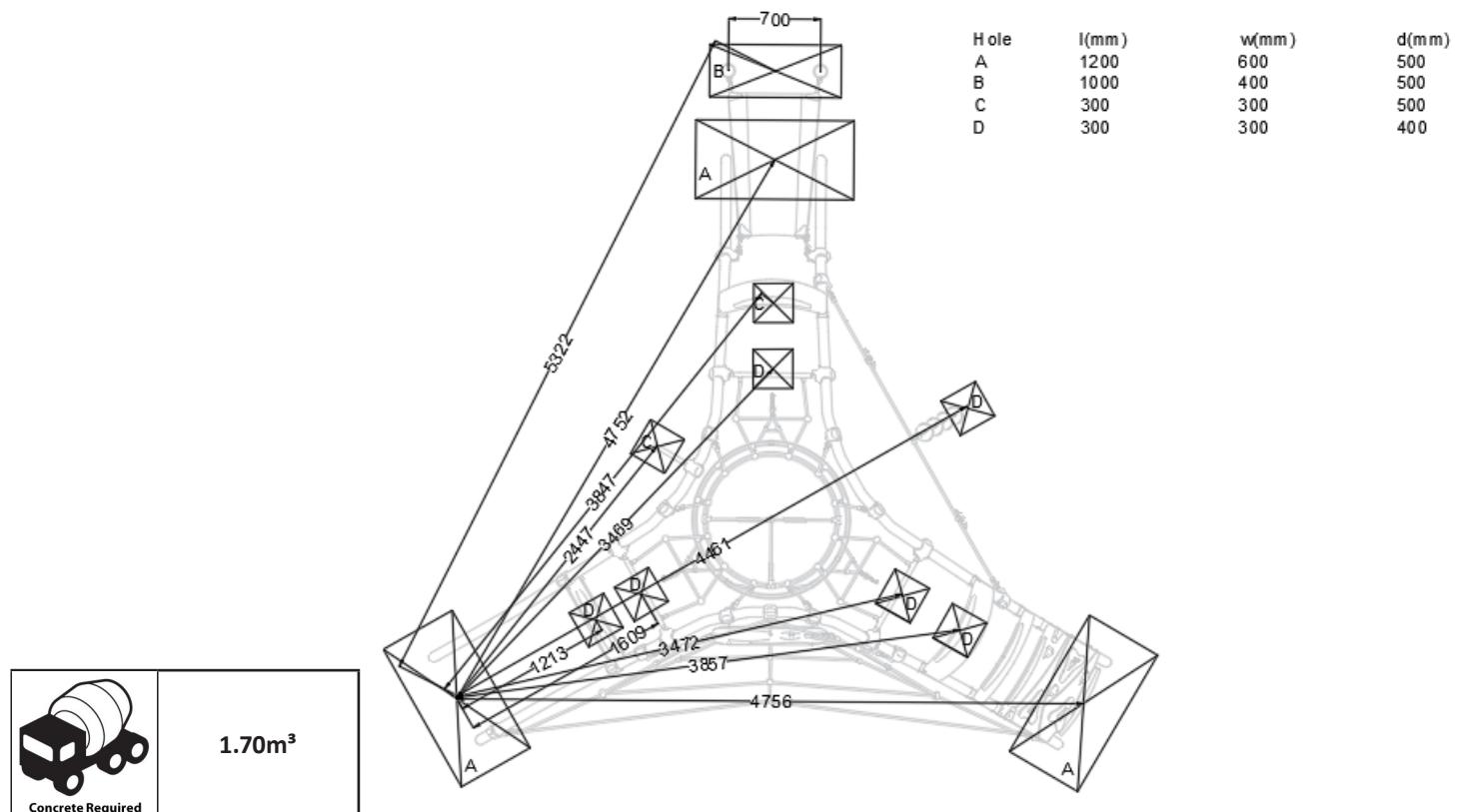
Common Parts List			
Part	Qty	Image	Description
FNT0001B	6		Lower Curved Leg Section
FNT0001C	3		Top Curved Leg Section Assembly
FNT0006	3		Frame Brace Tube Assembly
BR44/U	6		Ball Joint T Clamp Half 1
BR45/U	6		Ball Joint T Clamp Half 2
Modules			
Module Reference	Qty	Image	Description
FNT#0A01	1		Firemans Pole (Curved)
FNT#0B01	1		Dome Climber
FNT#0C01	1		Swivel Traverse
FNT#0D01	1		Climbing Ring
FNT#0E01	1		Dome Shoot
FNT#0F01	1		Team Net
Jigs			
FNT0043J	6		Site Assembly Jig

Kitting Pack (KT/FNT/HRZ/01)			
Part	Qty	Image	Description
F419	36		M8 S/S Nylock Nut
F763	120		Hex Cap
F774	24		M8 X 30mm Socket Cap Screw
F775	12		"M8 X 60mm Socket Cap Screw"
Steel Ground Fixed Additional Parts List			
Part	Qty	Image	Description
FNT0002A	6		Ground Fixing Leg
BC003	12		Surface Adjusting Foot
F051	12		M12x180mm Hex Head Bolt
F133	12		M12 Oversized Nut
Surface Fixed Additional Parts List			
Part	Qty	Image	Description
FNT0001A	6		Straight Leg Section SF
FNT0005/U	6		Ground Fix Ball Joint Clamp Segment
FNT0007	6		Ground Fixing SF
F773	12		M8 X 20mm Socket Cap Screw
F775	6		M8 X 60mm Socket Cap Screw
F419	18		M8 S/S Nylock Nut
F763	36		Hex Cap

BS EN 1176 Impact Area**Surfacing Specification**

Finished Gradient	1 in 50max
Free Height of Fall	2.5m

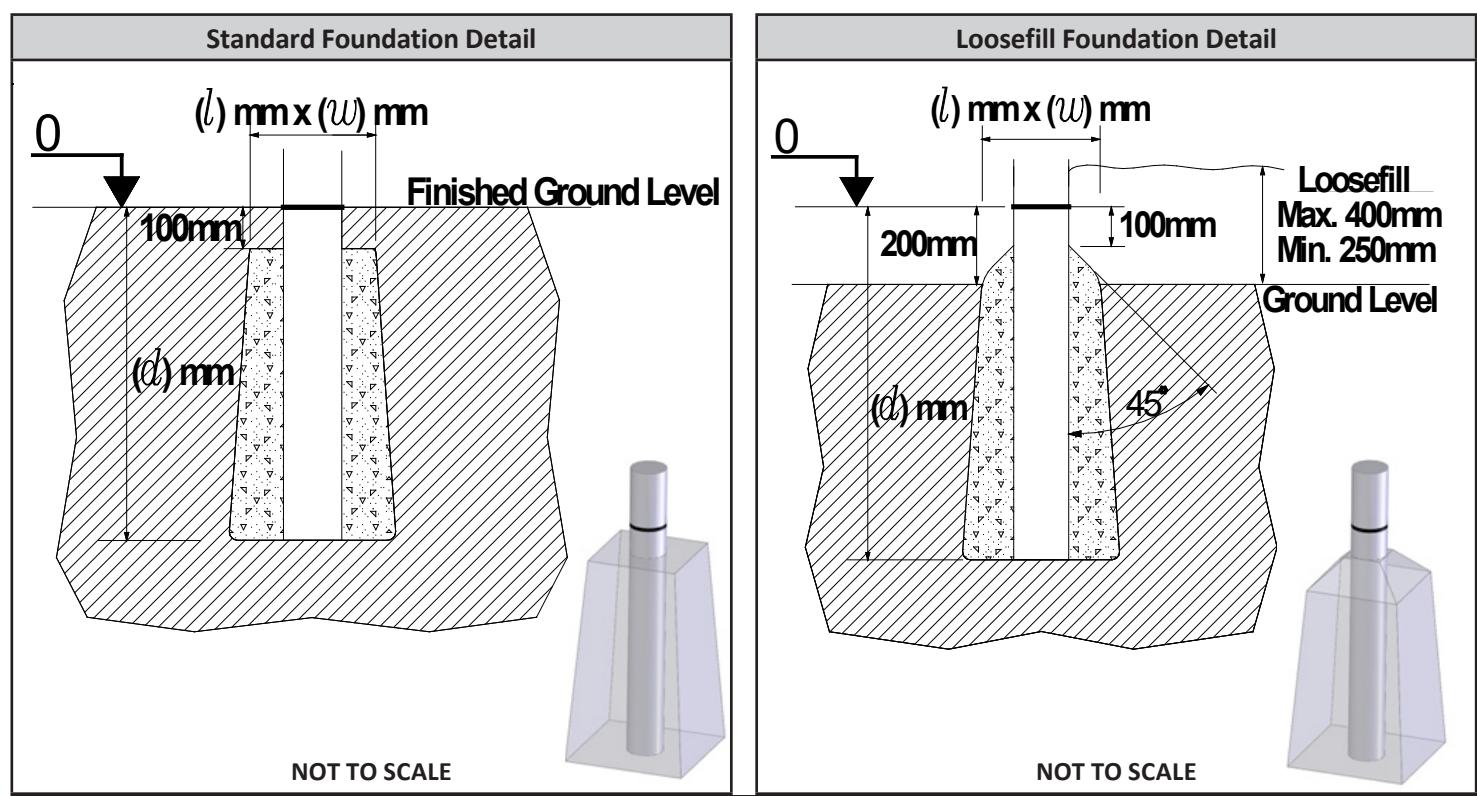
Standard Foundation Plan - Part 1



Minimum Concrete Specification: C16/20 (20 N/mm² min. compressive strength)

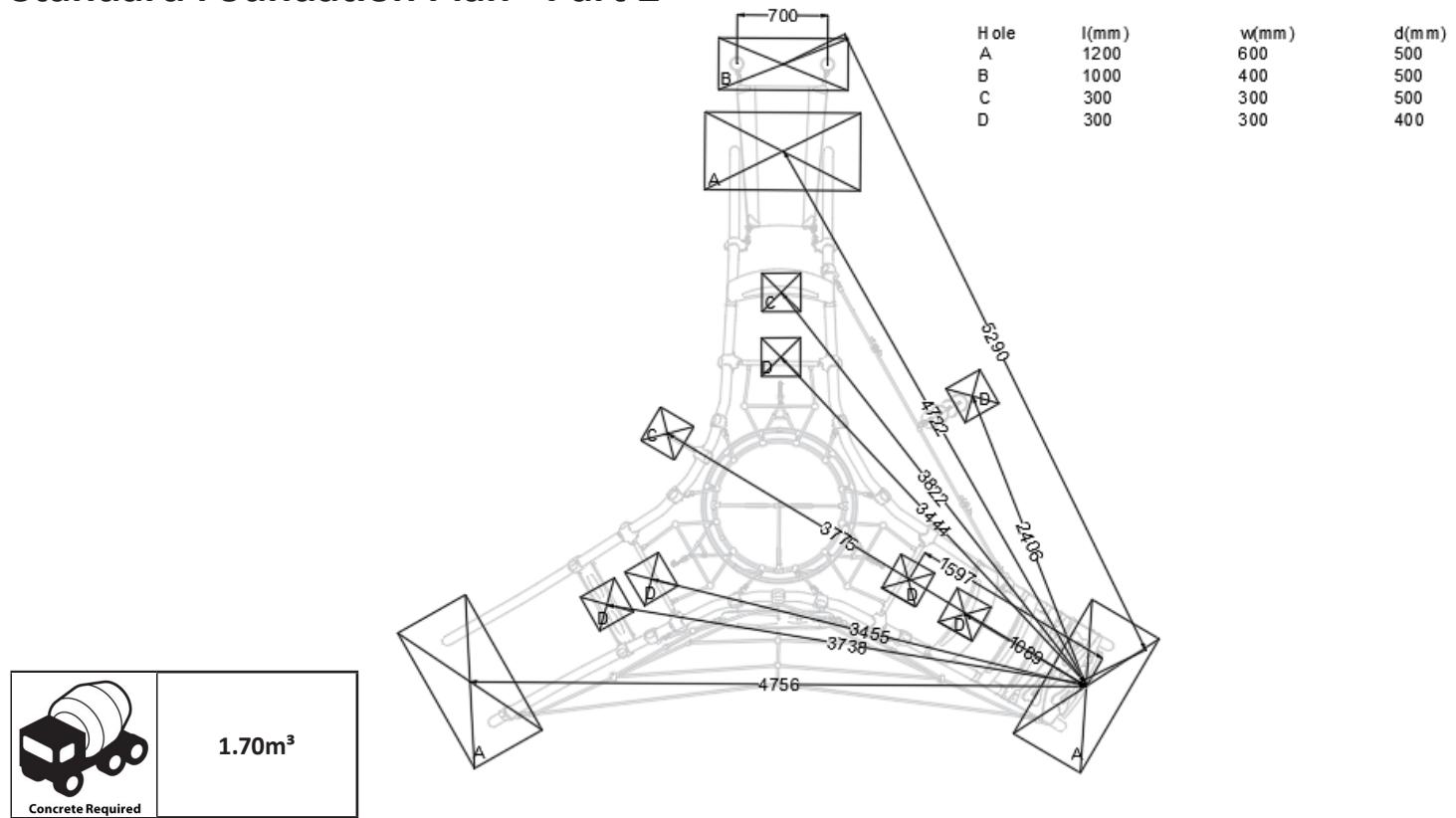
Recommended Mix: 1 part cement / 2 part sand / 4 part stone.

NOT TO SCALE



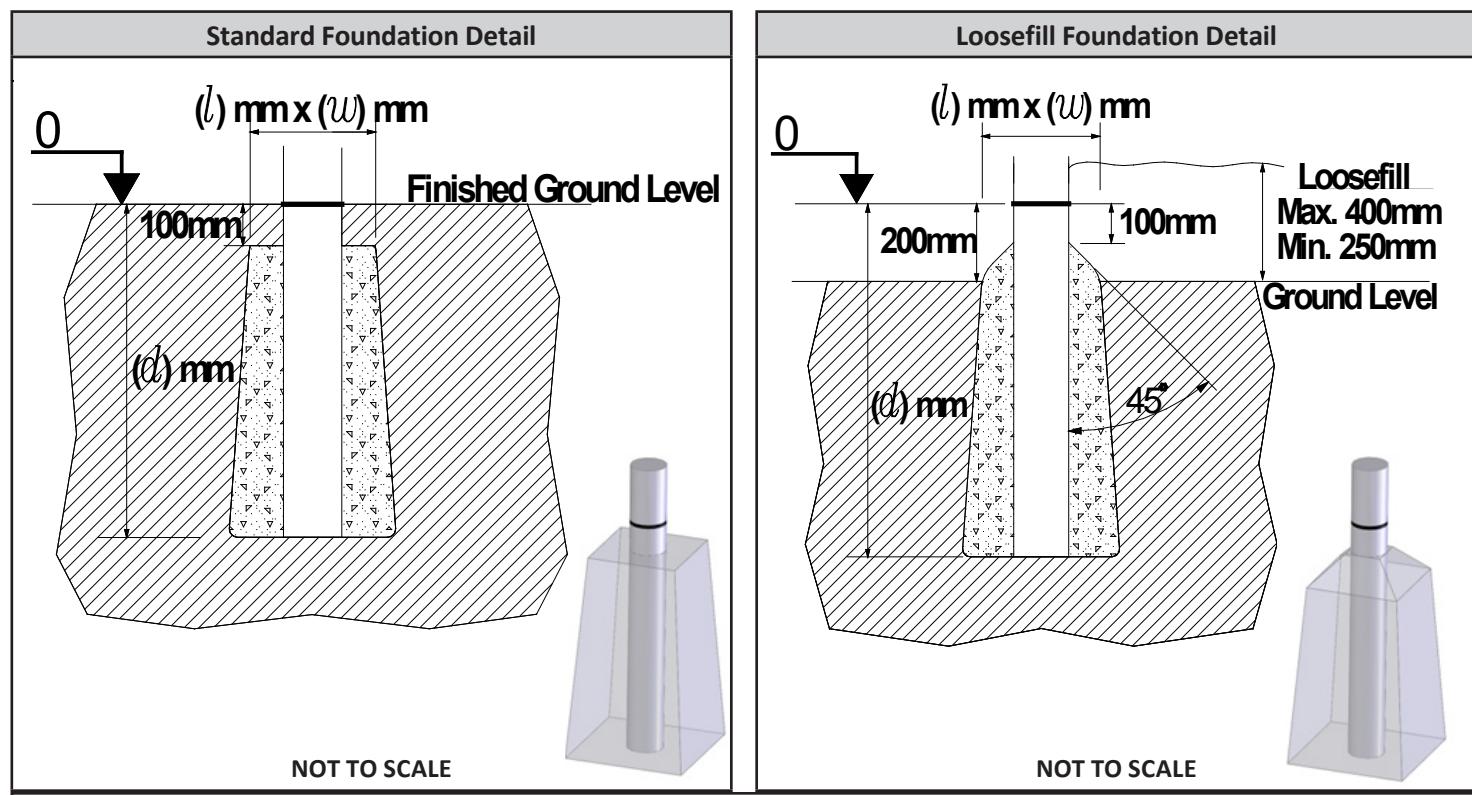
NOTE: All holes must taper out from hole width at top of hole (as shown) to give maximum stability. In loose or sandy ground all hole width dimensions should be increased by approximately 50%.

Standard Foundation Plan - Part 2



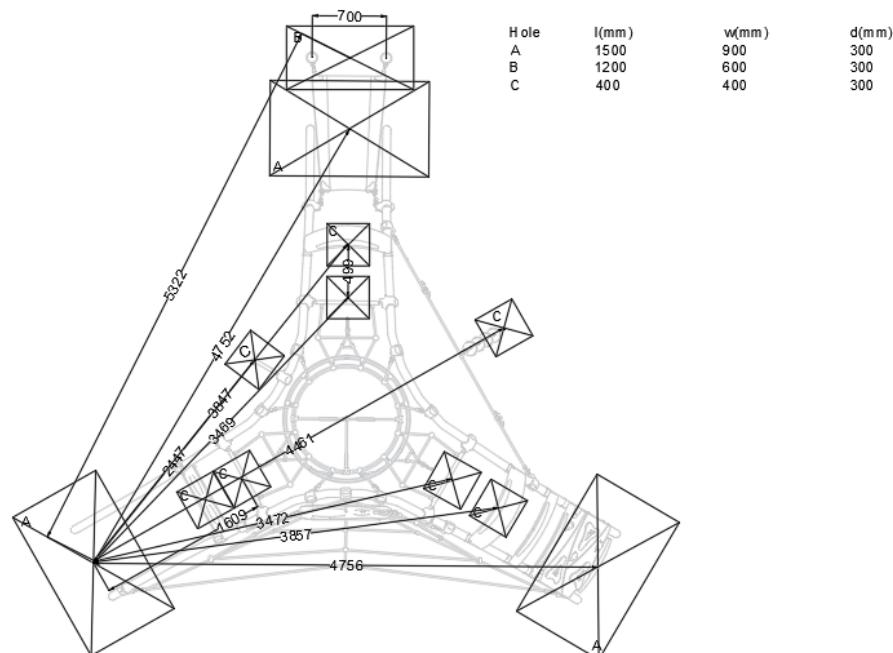
Minimum Concrete Specification: C16/20 (20 N/mm² min. compressive strength)
Recommended Mix: 1 part cement / 2 part sand / 4 part stone.

NOT TO SCALE



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 increased by approximately 50%.

Surface Fixed Foundation Plan - Part 1



Nominal Surfacing Depth (s) = 80mm

(Allowance 40mm—120mm))



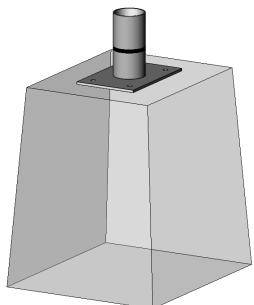
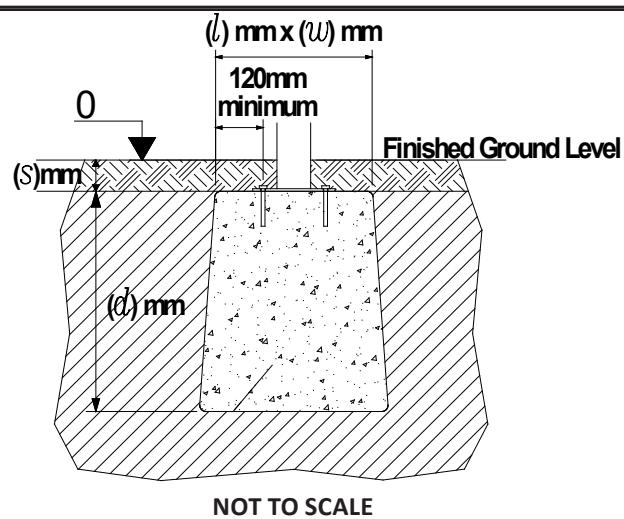
1.91m³

Foundations MUST be level, separate foundation MUST be level with each other. (maximum gradient 1 in 500) Minimum Concrete Specification: C20/25 (20 N/mm² min. compressive strength).

Playdale's surface fix system has been designed for use with an Resin/Adhesive Anchor system using appropriate threaded stud/rod and Anti-Vibration Nut.

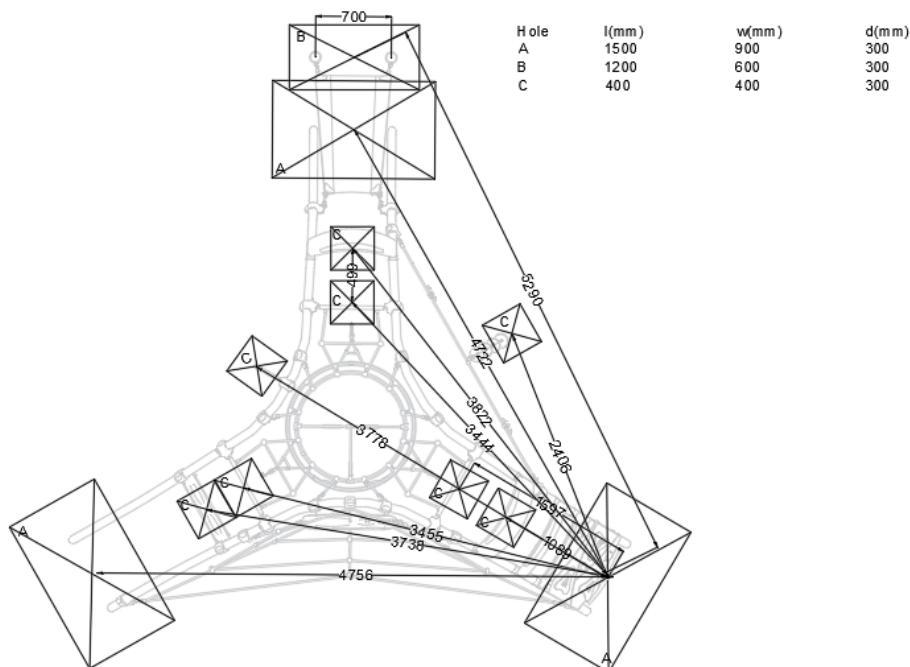
Where a concrete slab is preferred over individual plinths/foundations the depth (d) can be significantly reduced.

All Plates and fixings should be covered appropriately as not to cause impact or trip hazard.



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%.

Surface Fixed Foundation Plan - Part 2



Nominal Surfacing Depth (s) = 80mm

(Allowance 40mm—120mm))



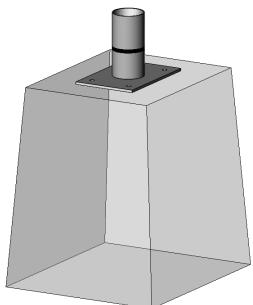
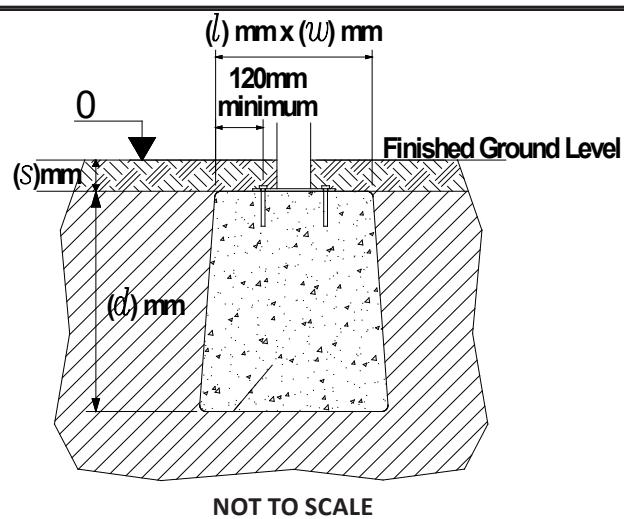
1.91m³

Foundations MUST be level, separate foundation MUST be level with each other. (maximum gradient 1 in 500) Minimum Concrete Specification: C20/25 (20 N/mm² min. compressive strength).

Playdale's surface fix system has been designed for use with an Resin/Adhesive Anchor system using appropriate threaded stud/rod and Anti-Vibration Nut.

Where a concrete slab is preferred over individual plinths/foundations the depth (d) can be significantly reduced.

All Plates and fixings should be covered appropriately as not to cause impact or trip hazard.



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%.

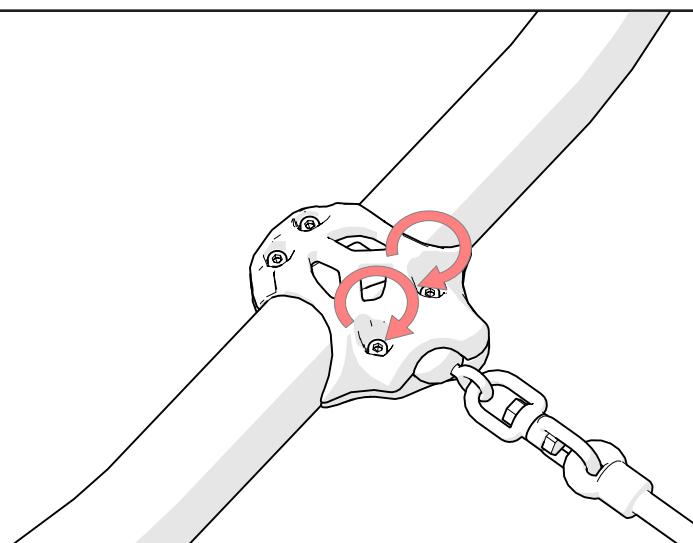
A1 * General Installation A

F419

2

F774

2

Torque to
20Nm

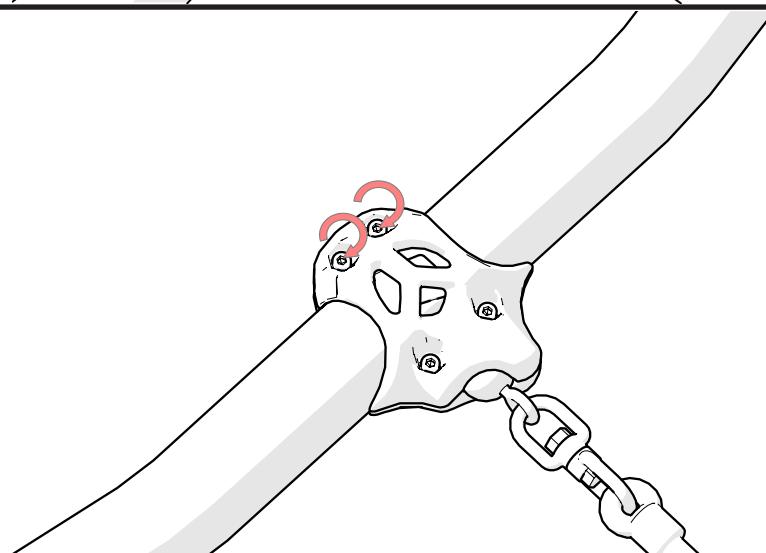
A2

F774

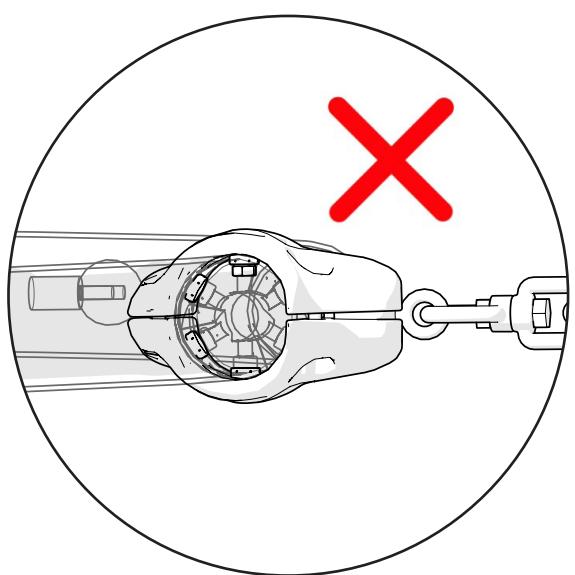
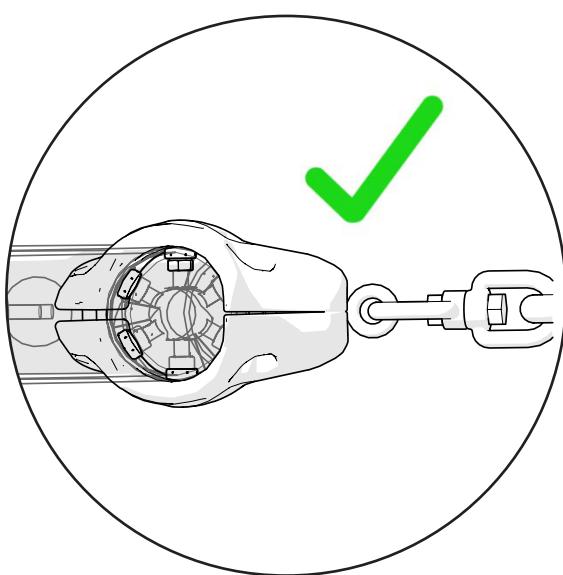
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F419

2

Torque to
20Nm

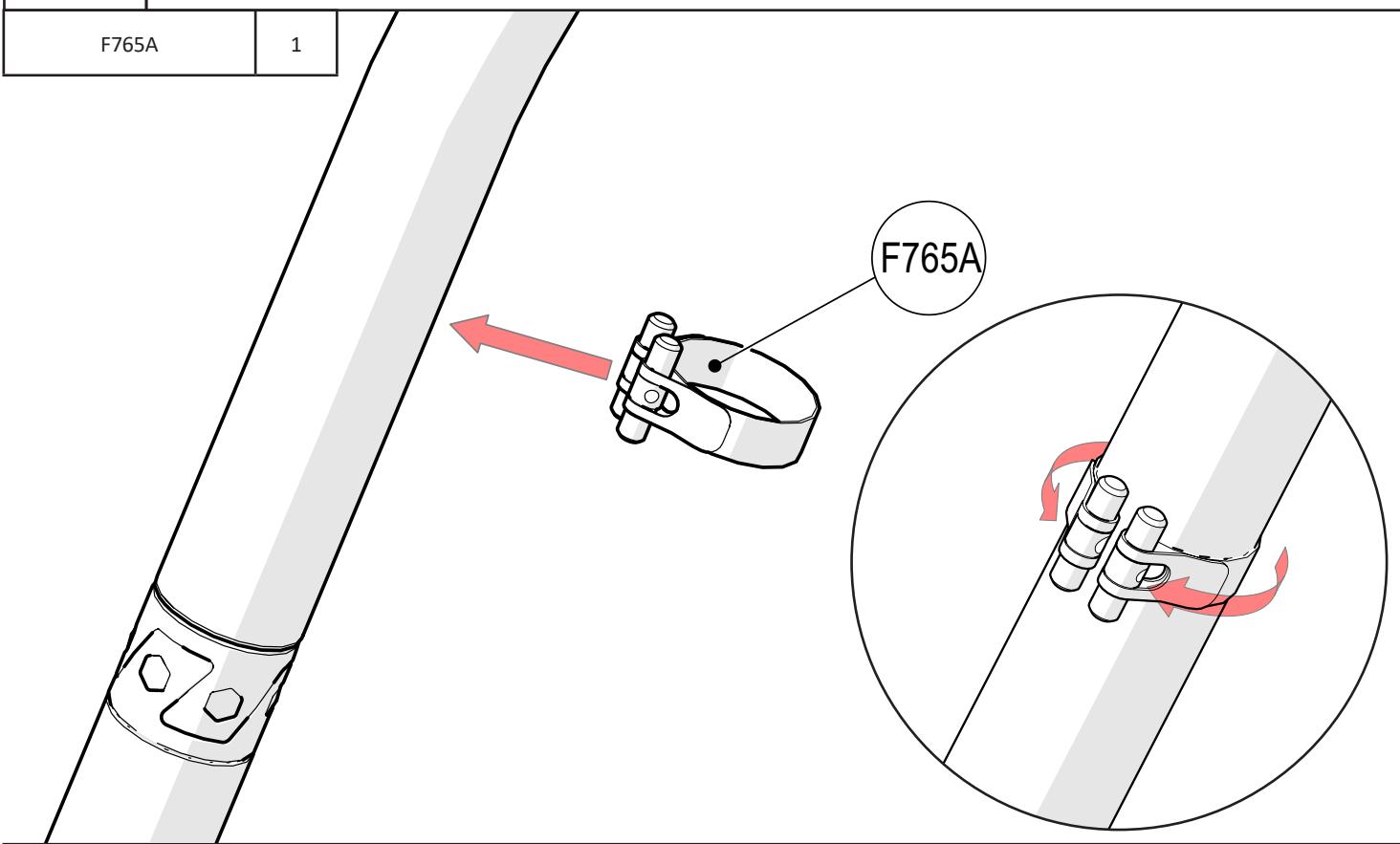
A3



B1**** General Installation B**

F765A

1

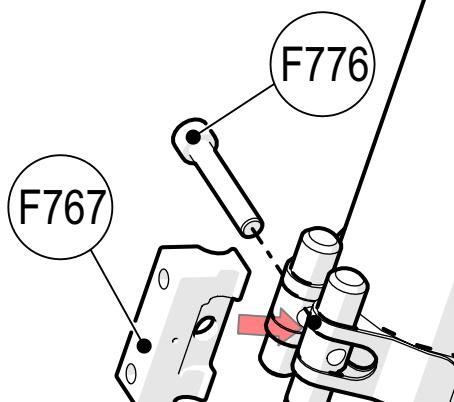
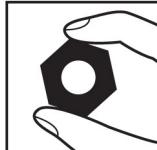
**B2**

F767

1

F776

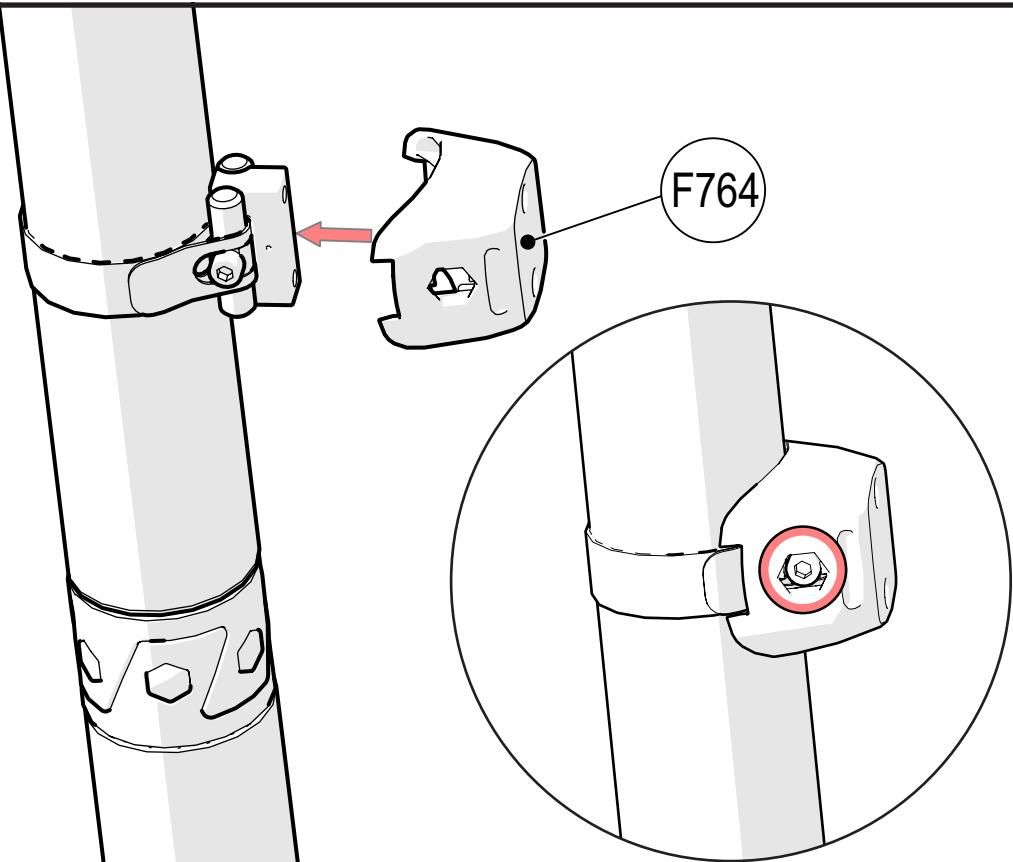
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B3

F764

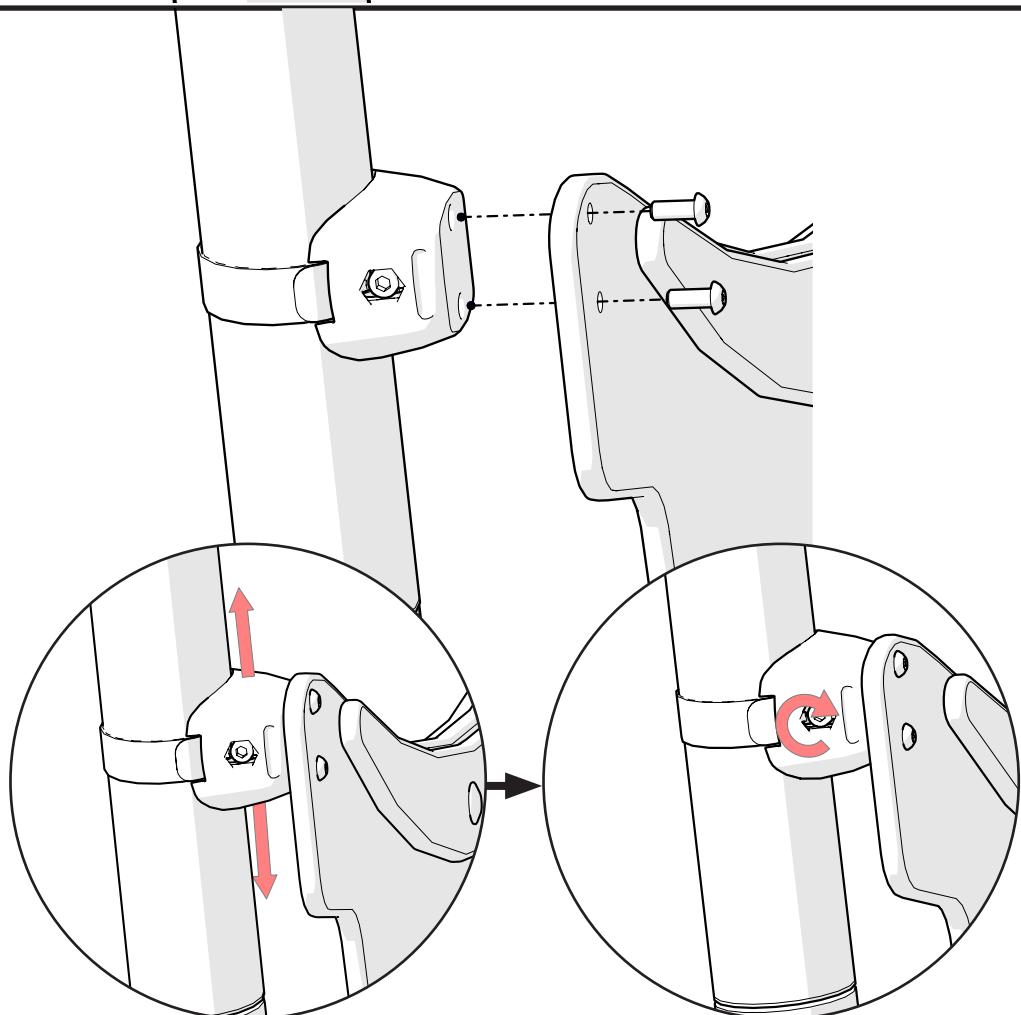
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B4

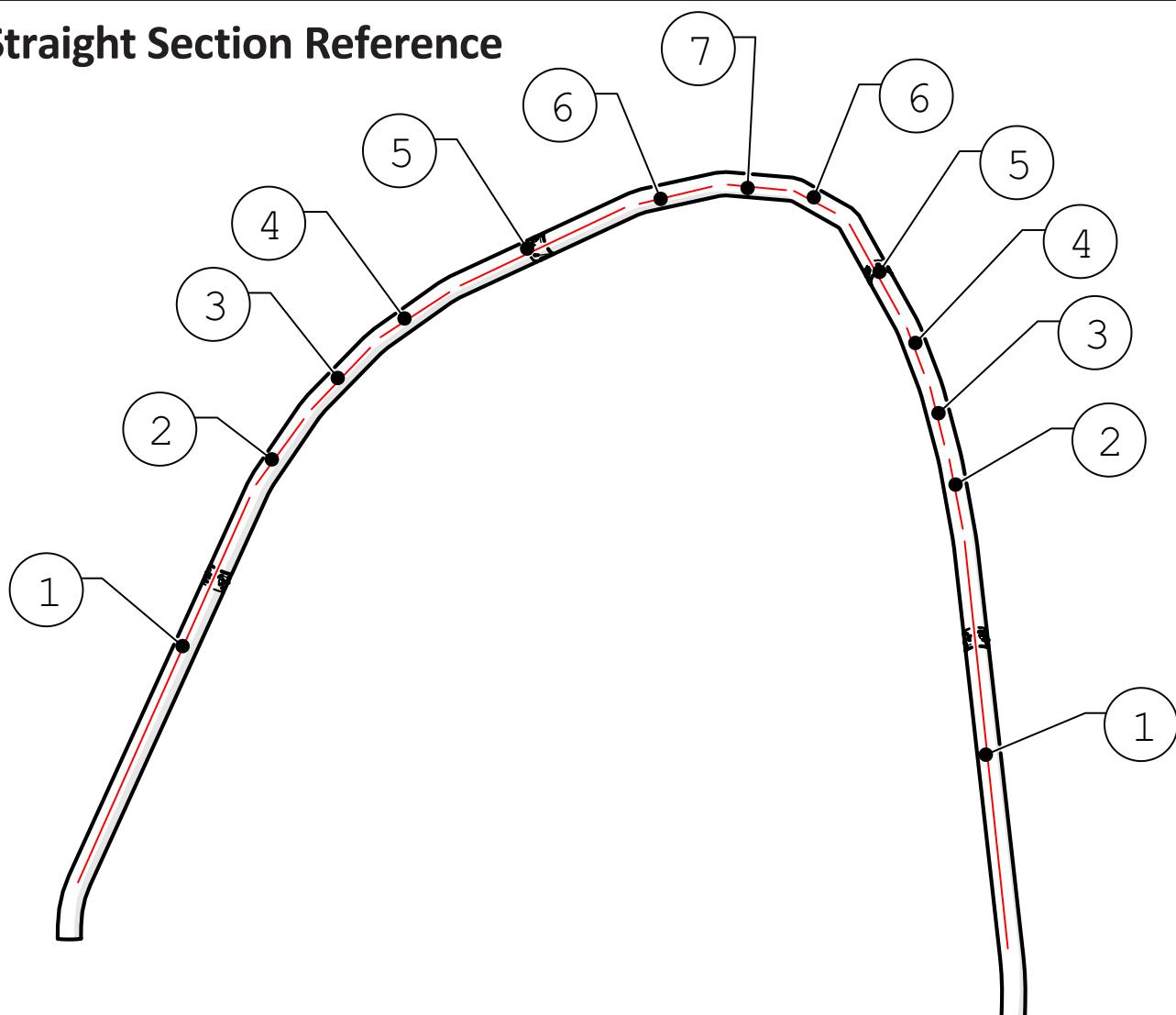


Torque to
20Nm

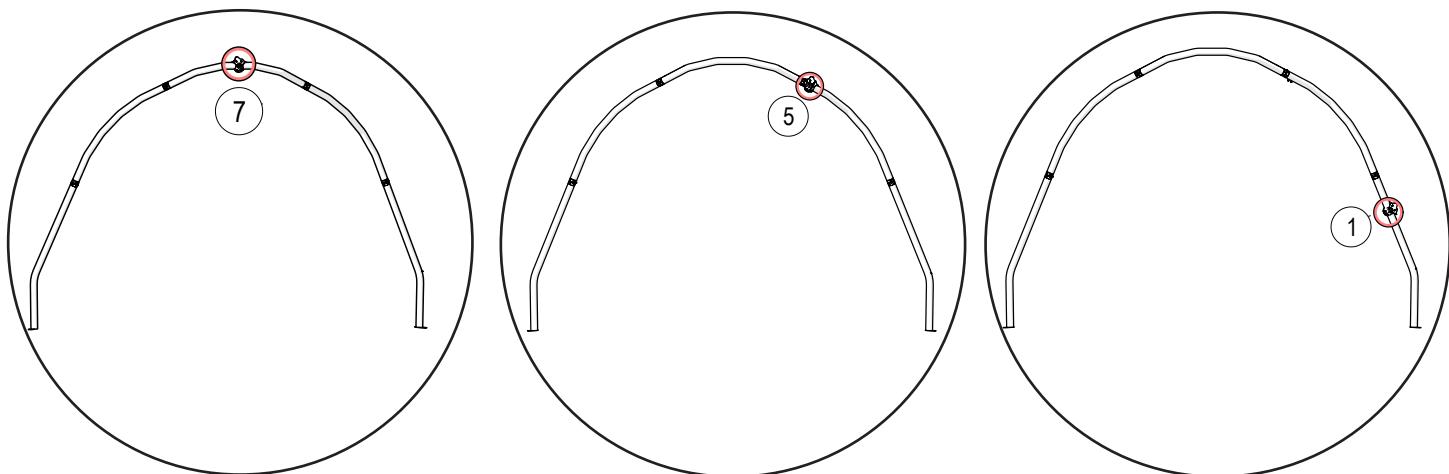


C1 ***General Installation C

Straight Section Reference



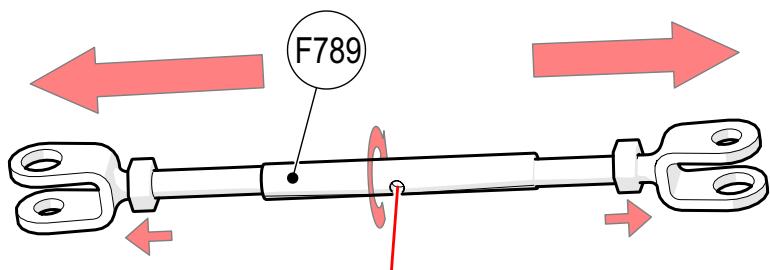
General Installation-C Examples



D1 ****General Installation D

F789

1



Use small tool

D2

F792

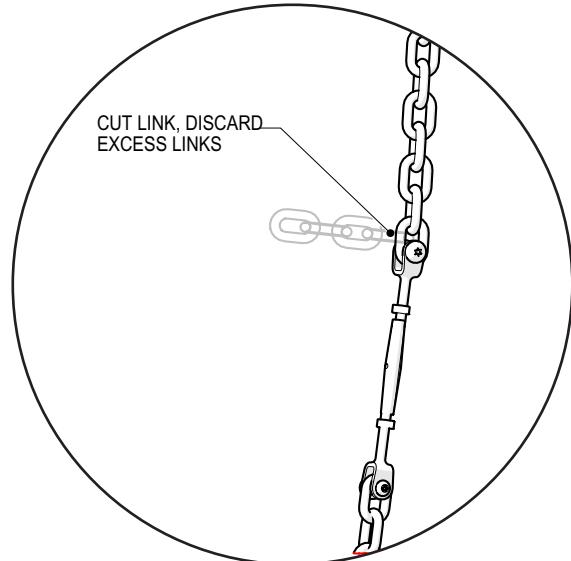
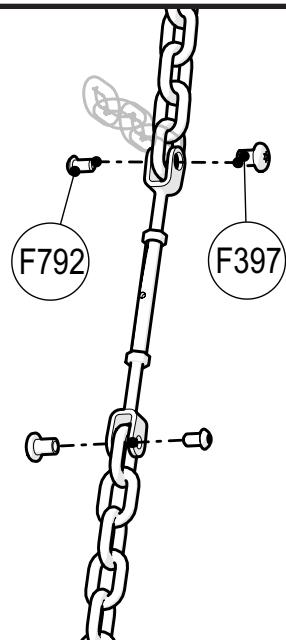
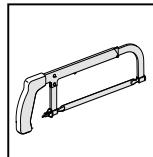
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F793

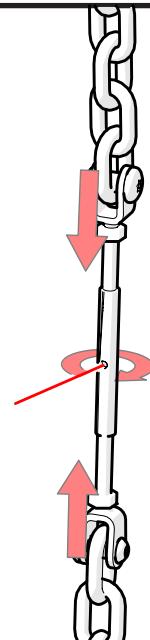
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Torque to
10Nm



D3

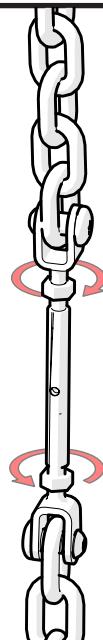


Use small tool

D4



Torque to
30Nm

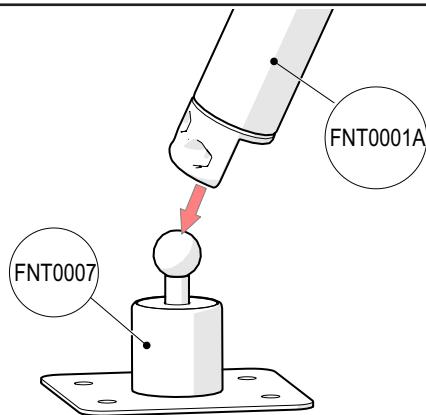


E1

*****General Installation E

FNT0007

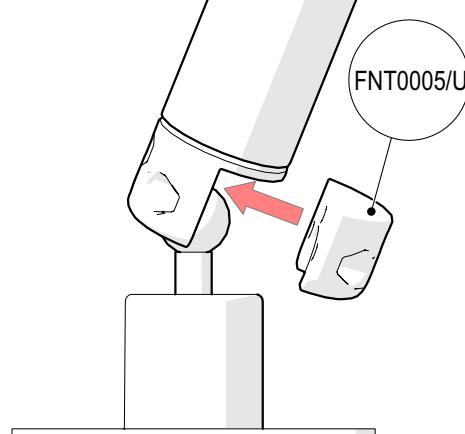
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E2

FNT0005/U

1



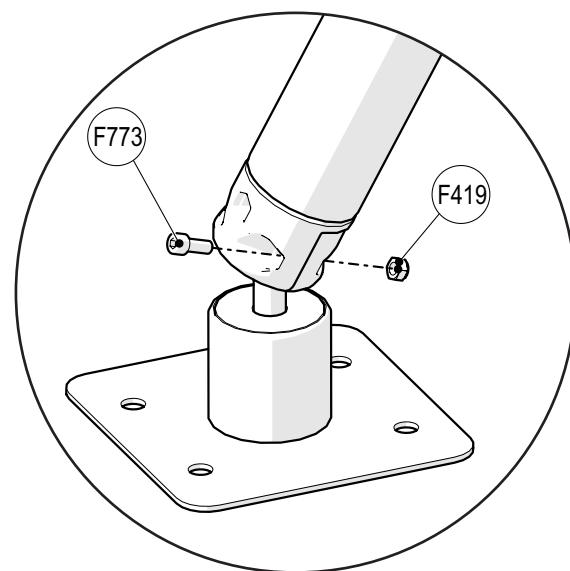
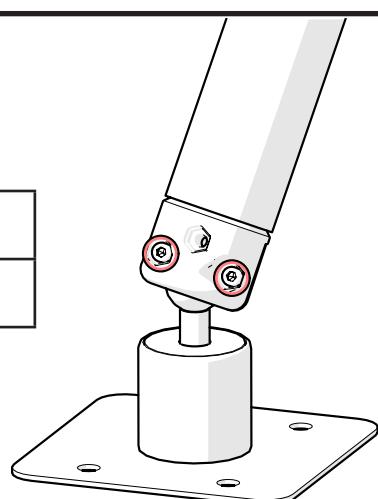
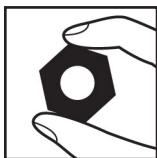
E3

F773

2

F419

2



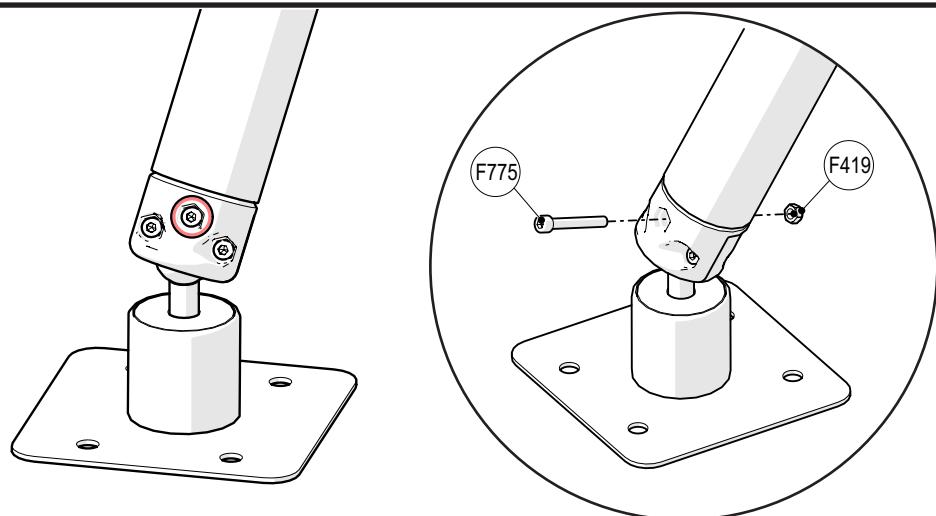
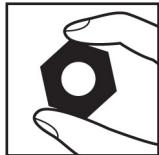
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F775

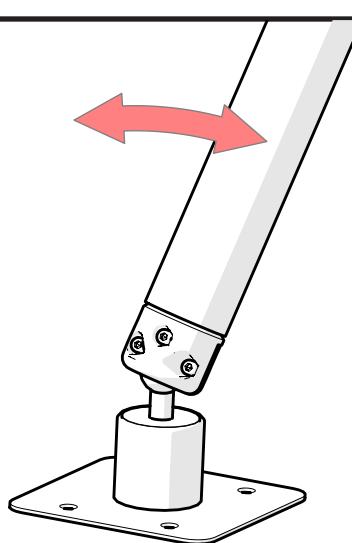
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F419

1

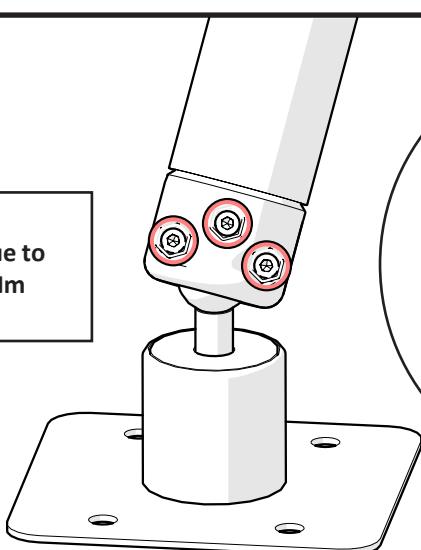


E5



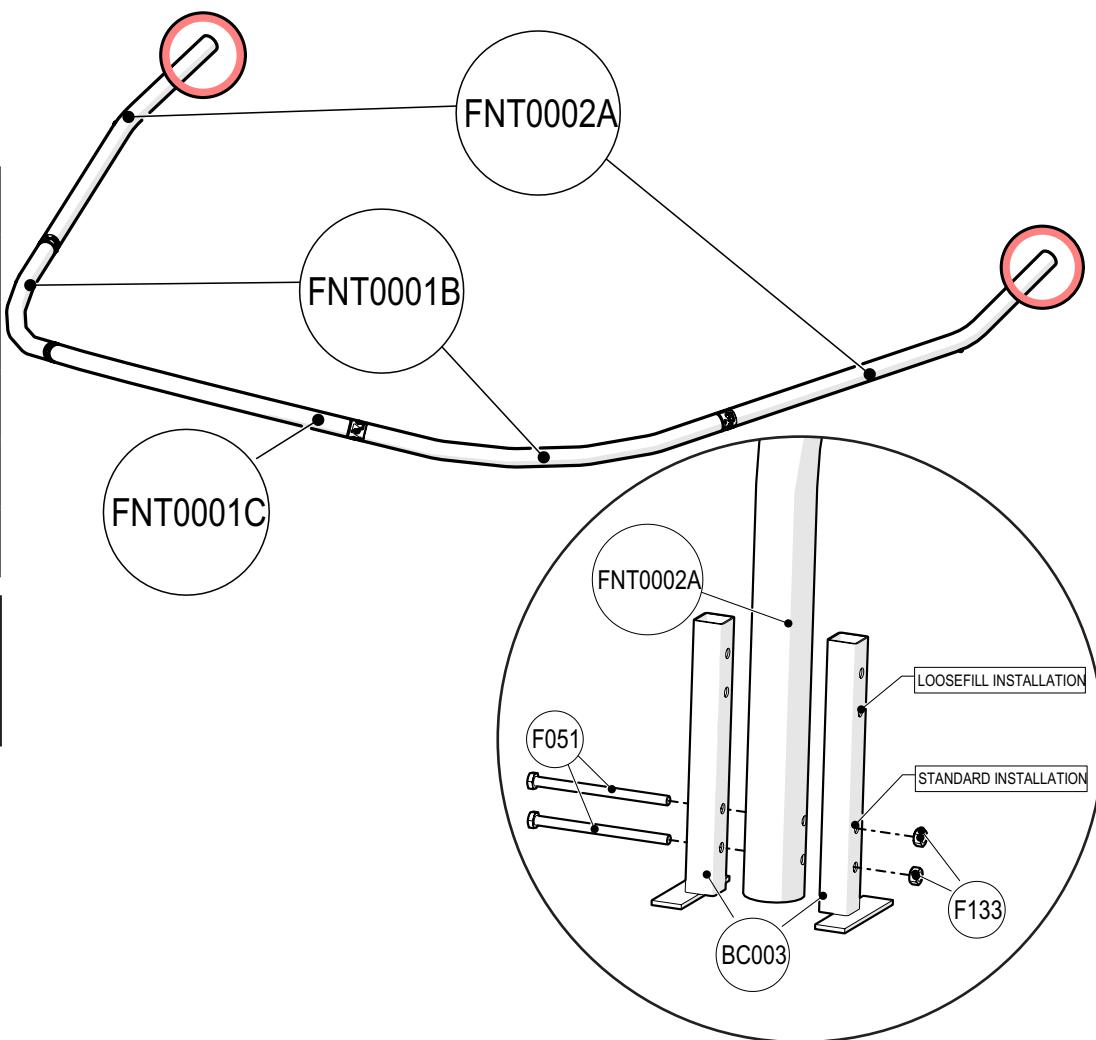
E6

Torque to
20Nm



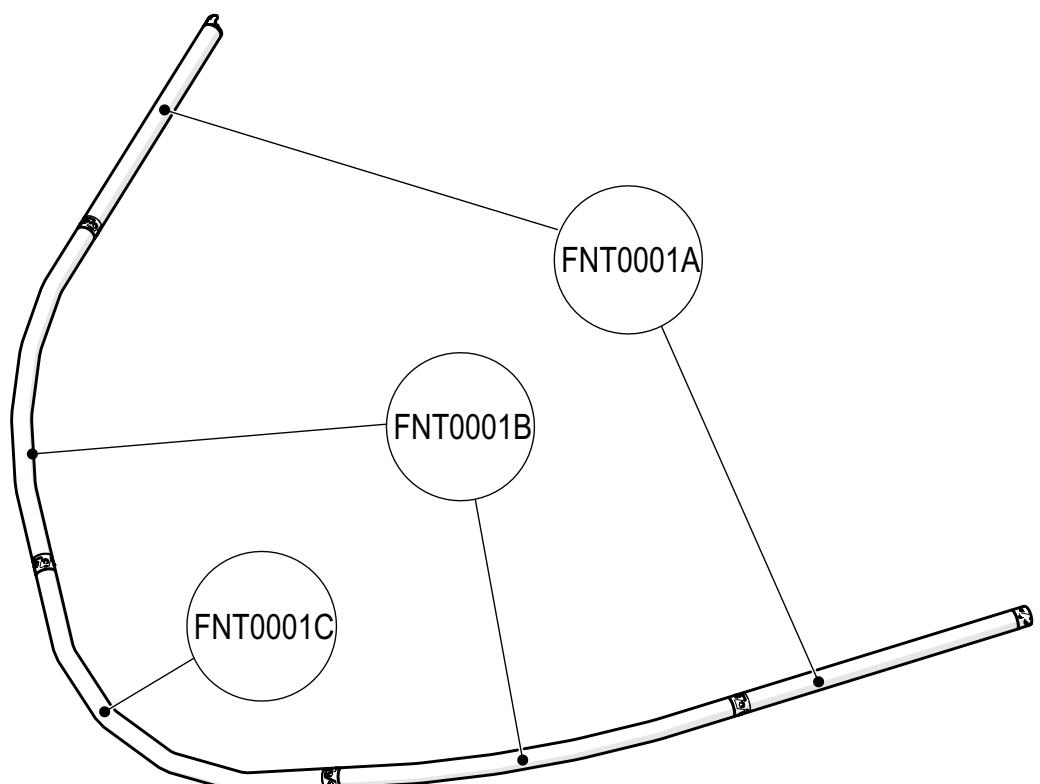
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FNT0001B	6
FNT0001C	3
FNT0002A	6
BC003	12
F051	12
F133	12

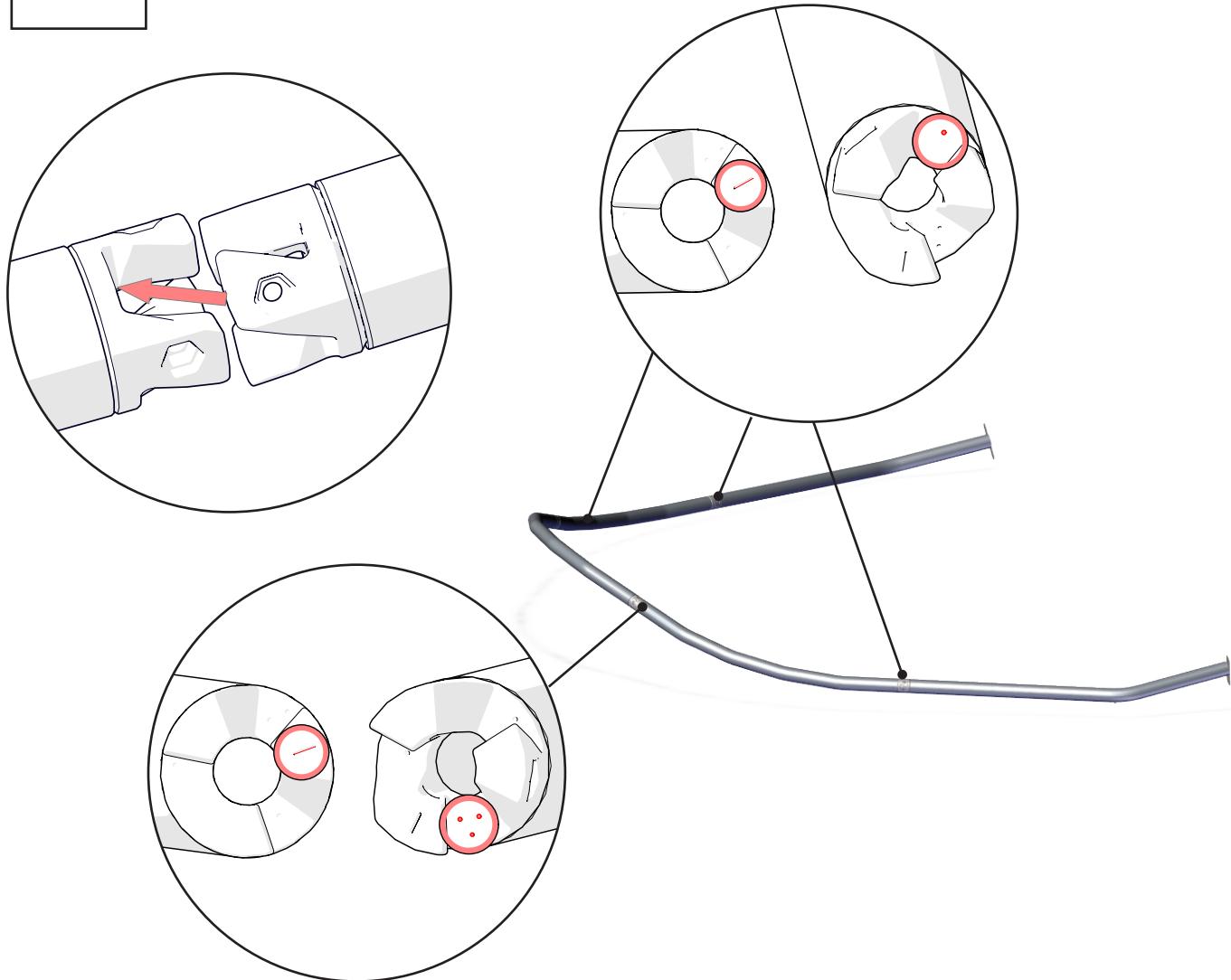


01 SF

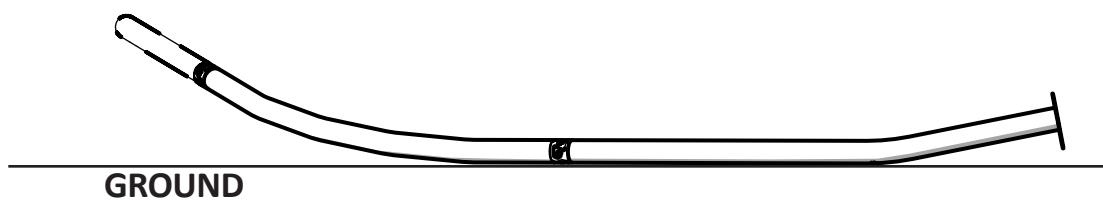
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FNT0001C	3
FNT0001A	6



02



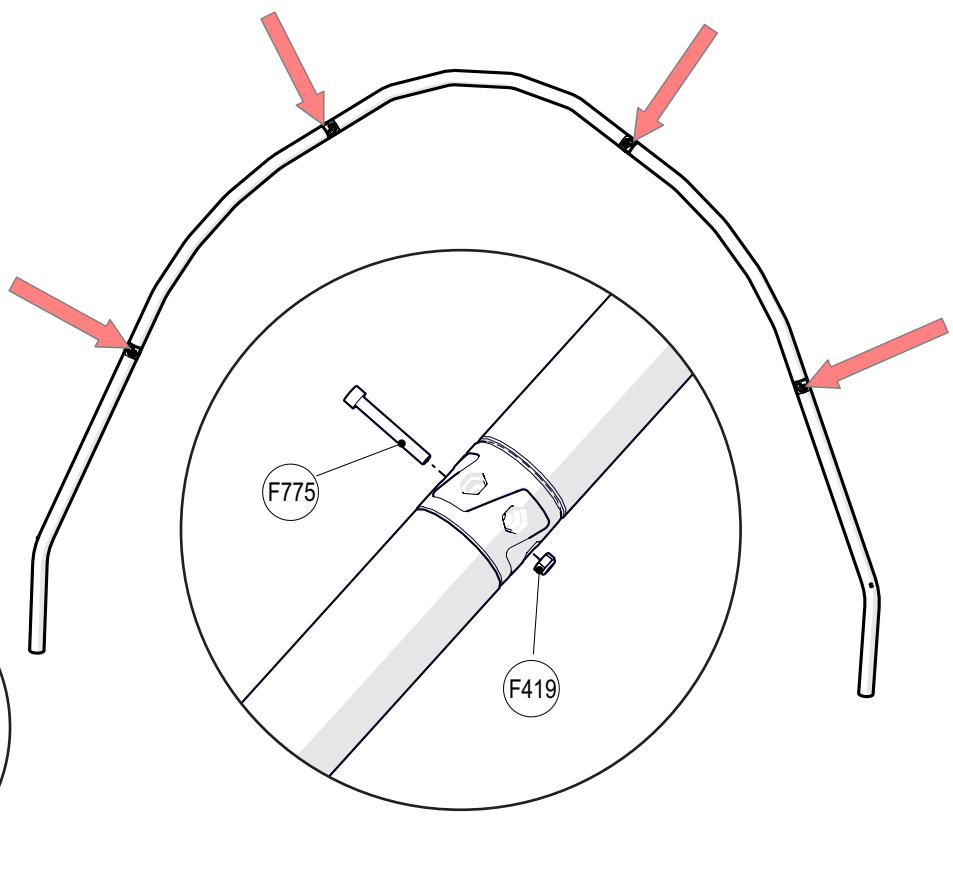
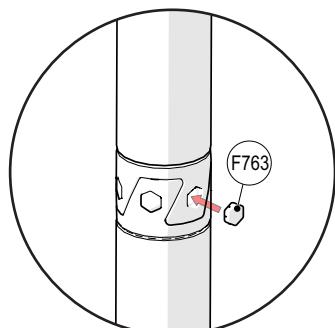
**TAKE CARE TO ENSURE FNT001C IS ORIENTATED CORRECTLY.
THIS PART IS HANDED**



03

F775	12
F419	12
F763	72

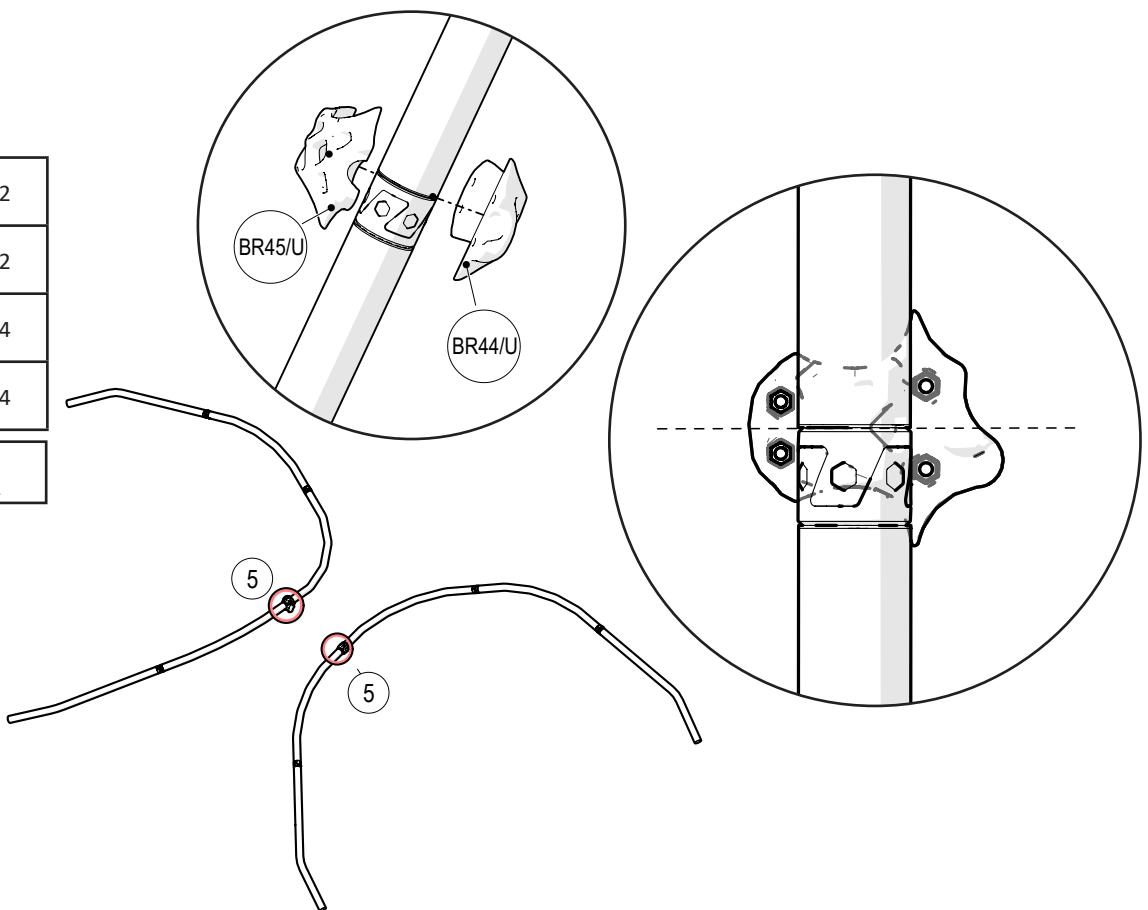
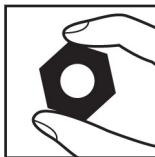
Torque to
20Nm



04

BR45/U	2
BR45/U	2
F419	4
F774	4

Refer to-
* General Installation A



05

FNT0006

1

F419

4

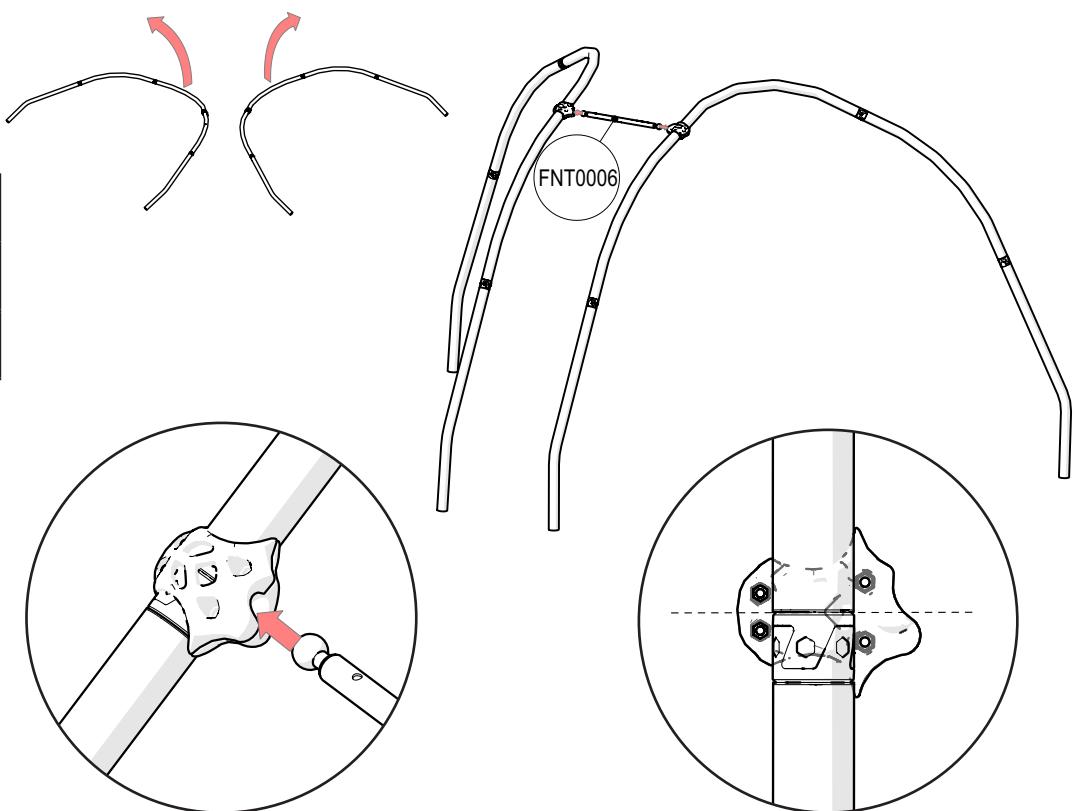
F774

4



Torque to
20Nm

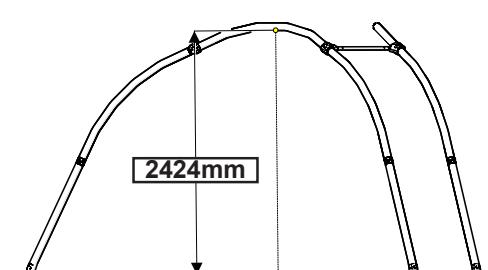
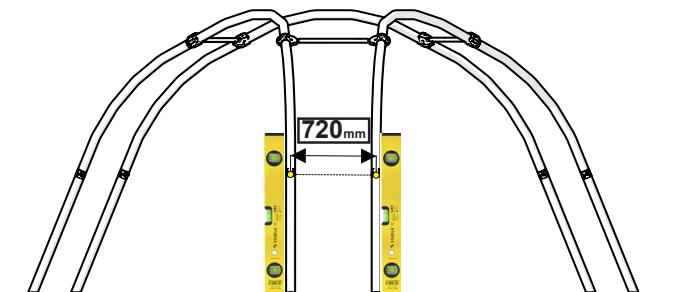
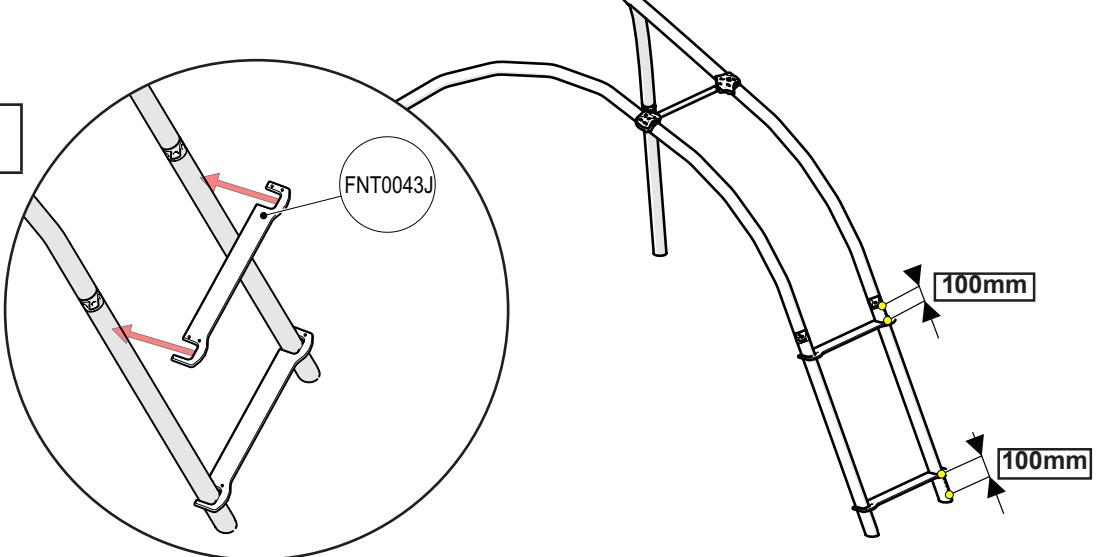
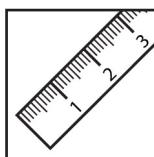
Refer to-
* General Installation A



06

FNT0043J

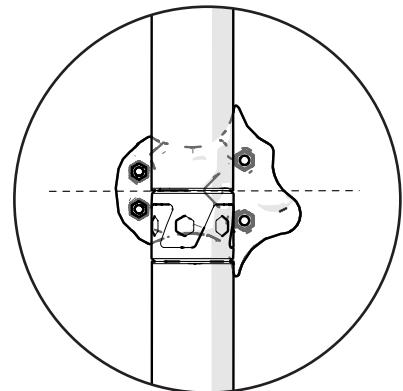
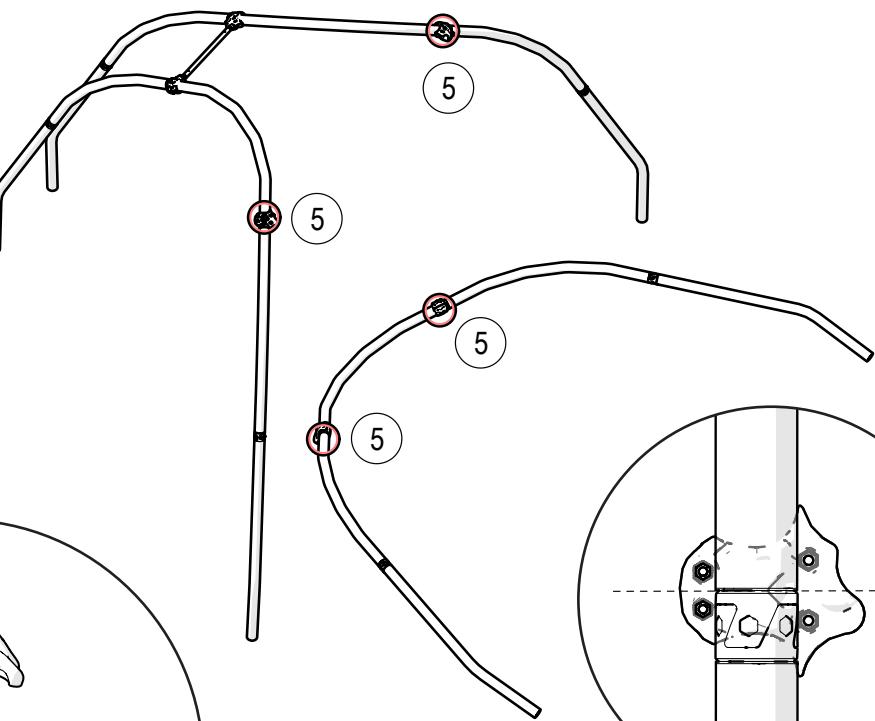
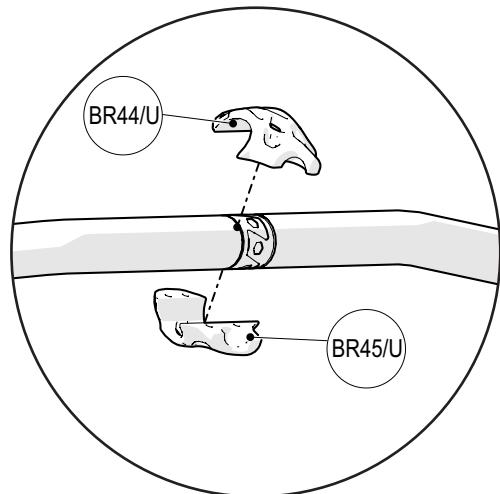
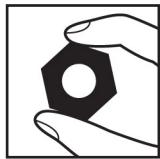
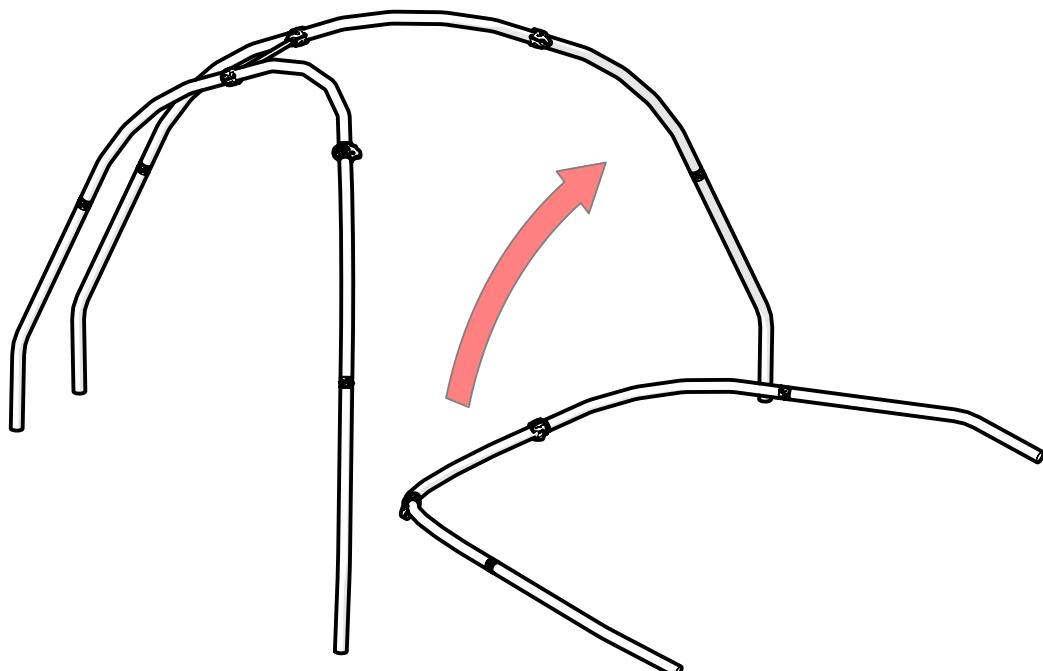
2



07

BR45/U	4
BR45/U	4
F774	8
F419	8

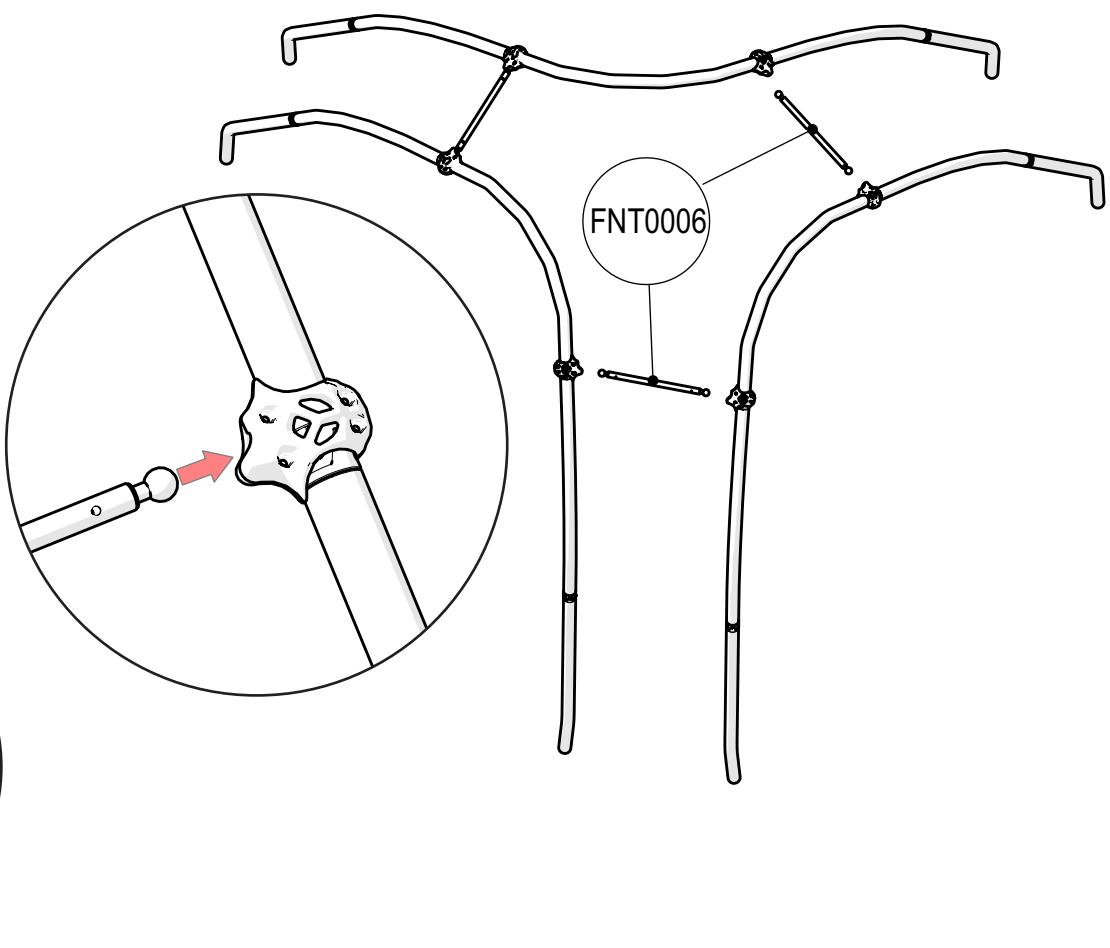
Refer to-
* General Installation A

**08**

09

FNT0006	4
F774	8
F419	8

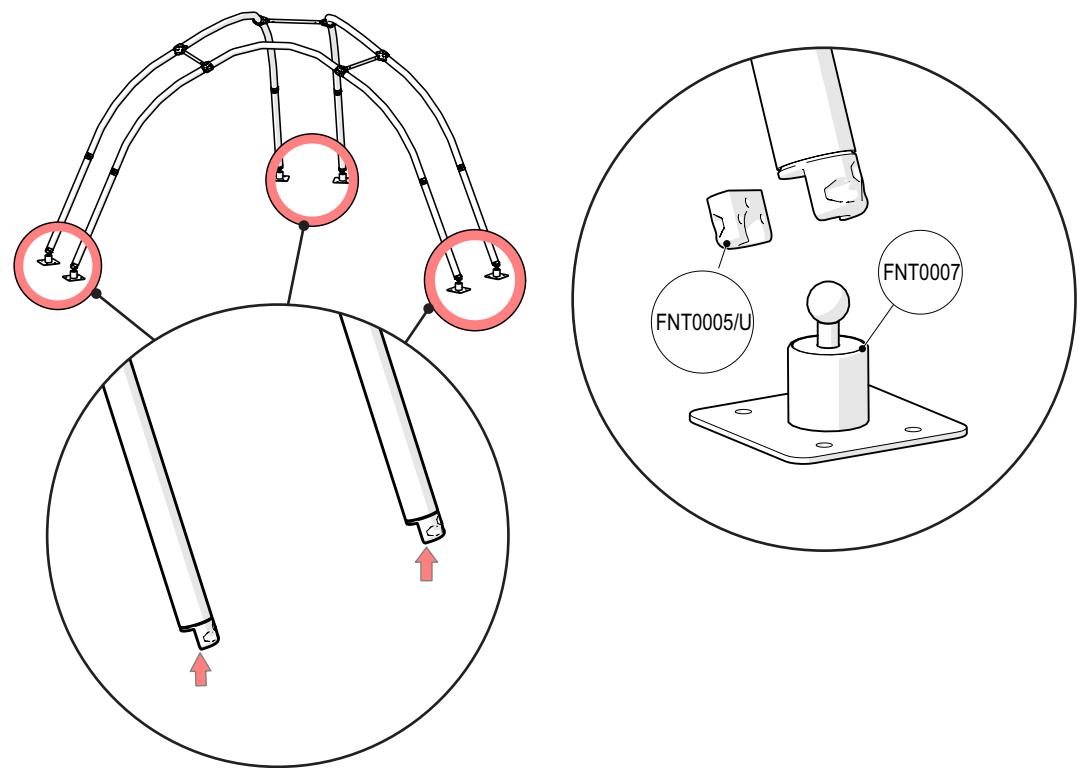
Refer to-
*** General Installation A**



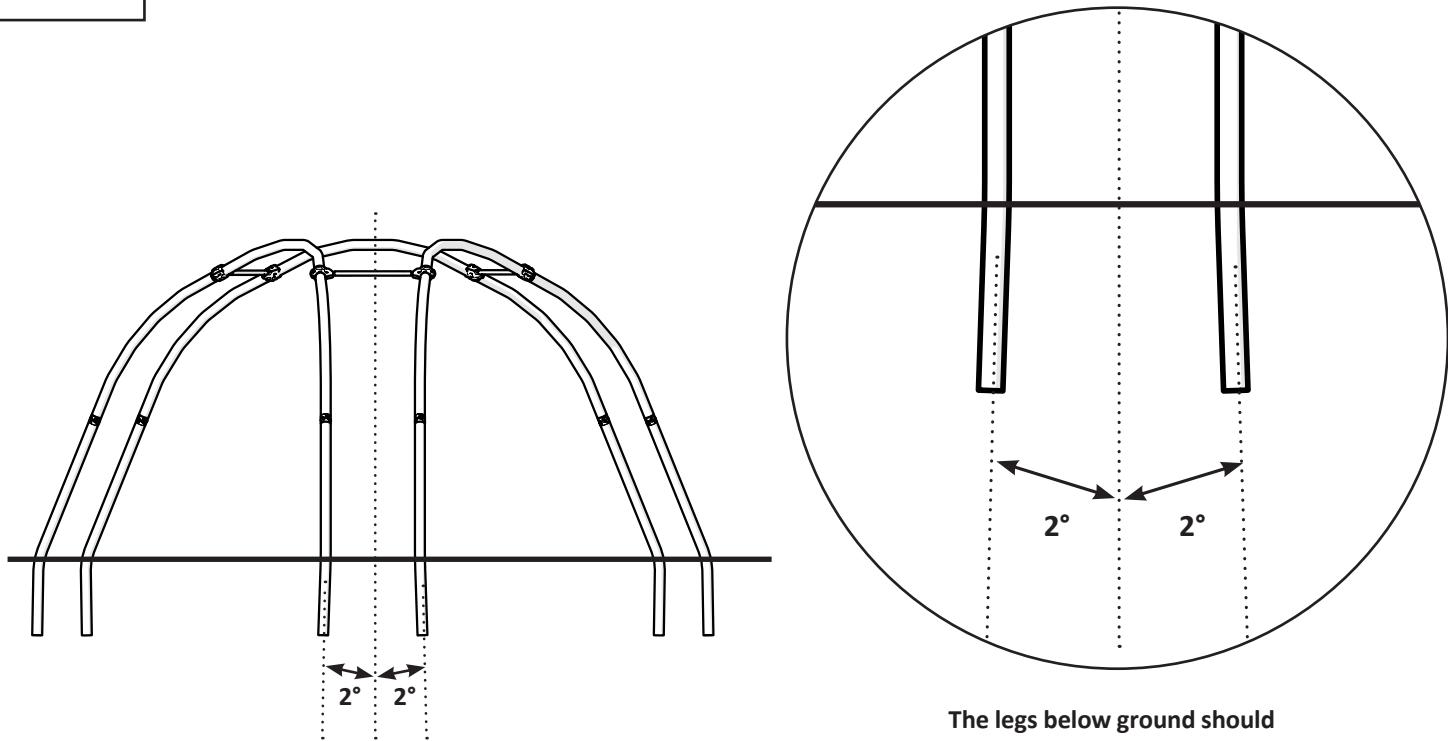
10 SF

FNT0005/U	6
FNT0007	6
F773	12
F775	6
F419	18

Refer to-
******* General Installation E**

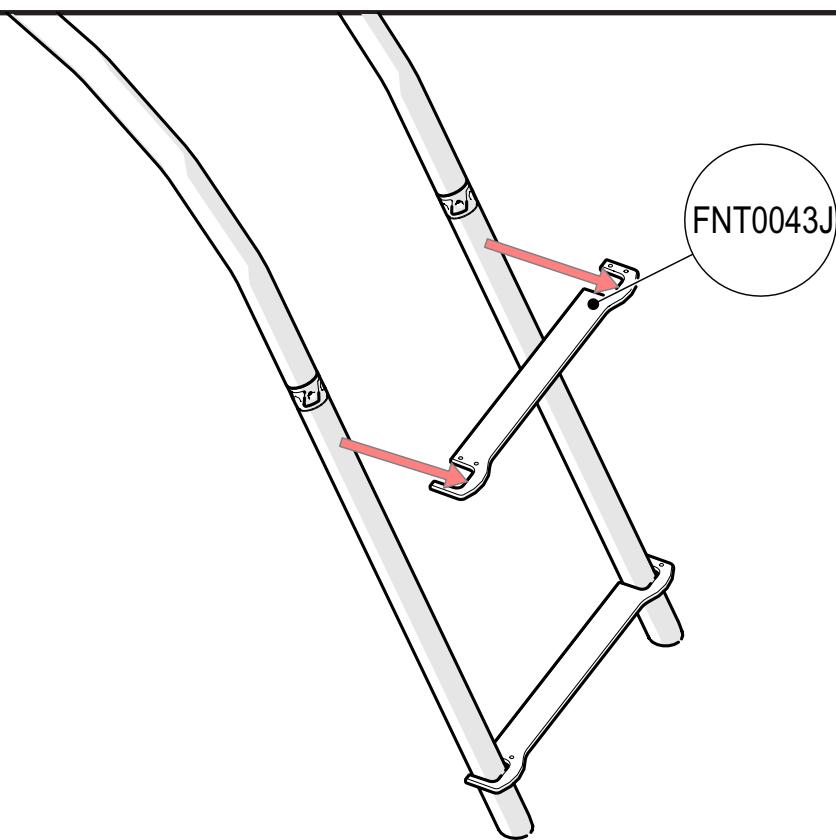


10



The legs below ground should angle away from plumb by approximately 2°

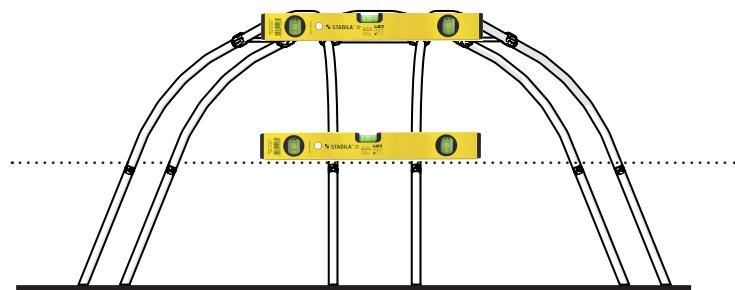
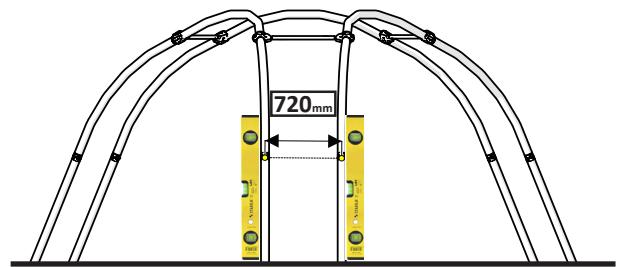
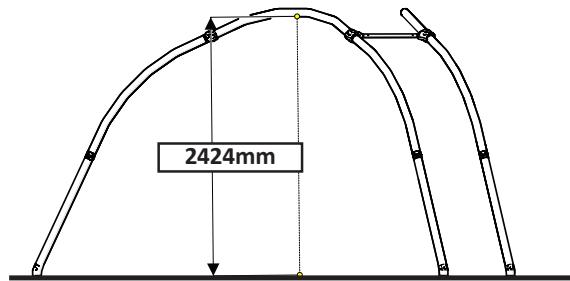
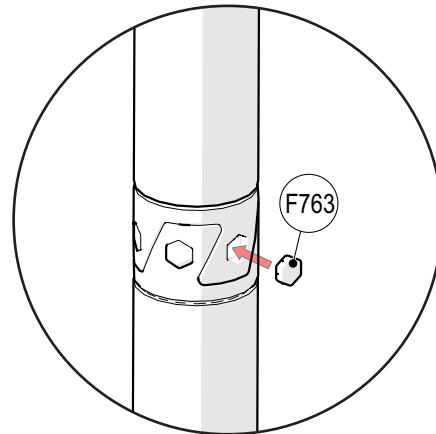
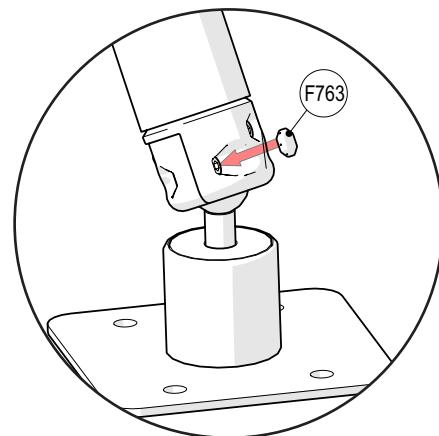
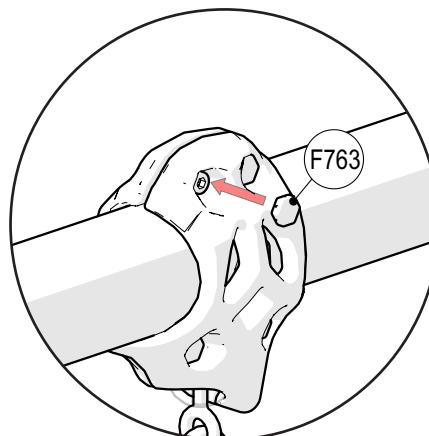
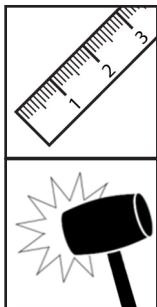
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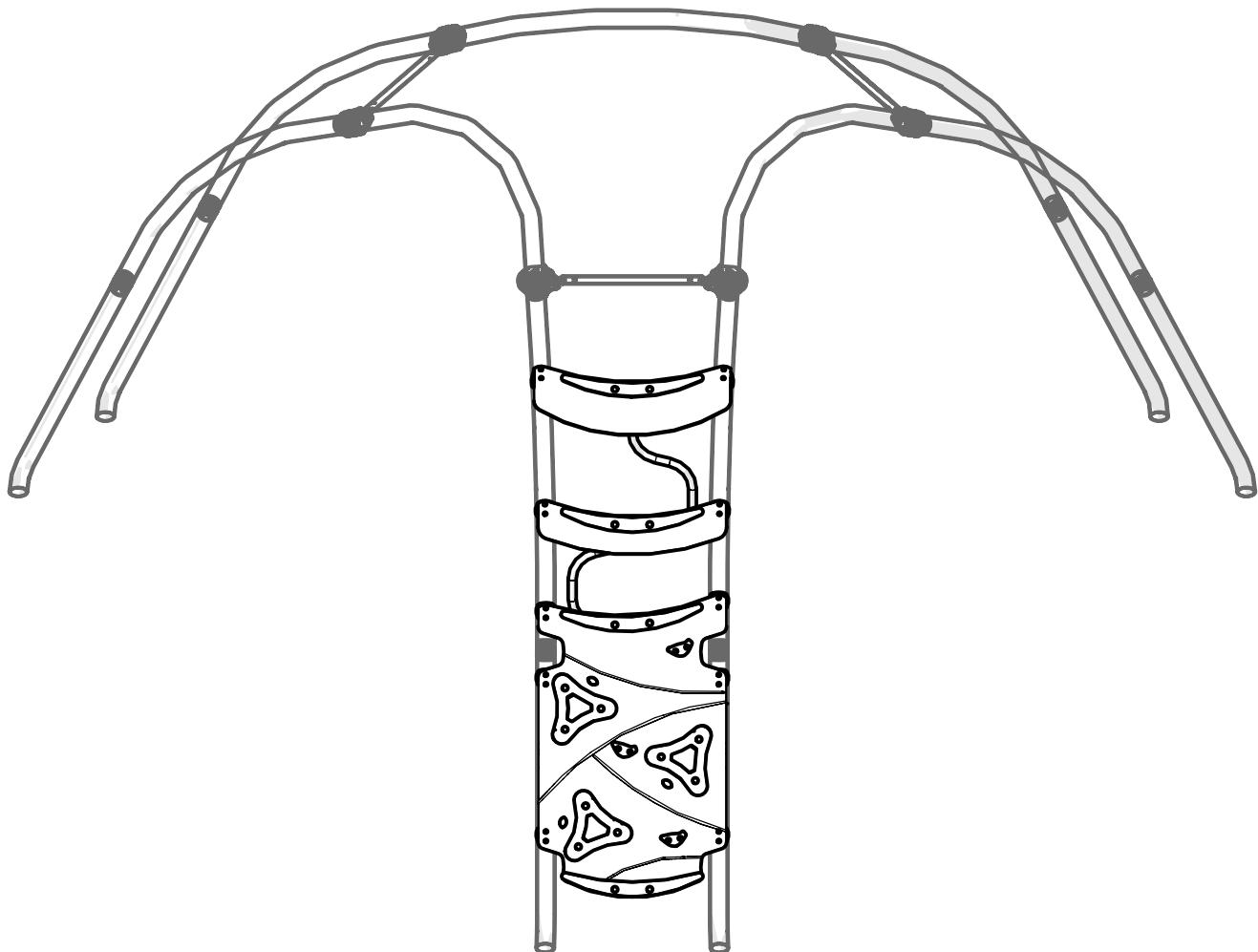


12

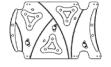
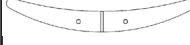
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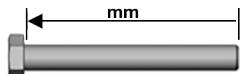
30/48





Components

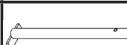
Common Parts List			
Part	Qty	Image	Description
FNT0008	1		Dome Climber Wiggle Assembly
FNT0013	1		Dome Climber - CGL Climbing Panel Assembly
FNT0013D	2		Dome Climber CGL Panel Trim
FNT0014A	1		Dome Climber CGL Panel to Wiggle Climb
FNT0015	1		Dome Climber CGL Ladder section



Bolt length measured as diagram.

Kitting Pack (KT/FNT#0B01)			
Part	Qty	Image	Description
F022S	2		M10 X 55MM S/S COACH BOLT
F110	2		M10 Washer 21mm O/D
F120	2		M10 S/S Nylock Nut
F470	2		M10 X16MM SECURITY BOLT
F601A	2		Playdale Cap Bottom
F601B	2		Playdale Cap Top
F763	10		Hex Cap
F764	10		Band Clamp Cover
F767	10		Band Clamp Threaded Cast Insert
F776	10		M8x45mm Socket Head Bolt S/S
F765A	10		Band Clamp 76.2
F791	20		M8 X 25MM SECURITY PATCH BOLT

Steel Ground Fixed Additional Parts List

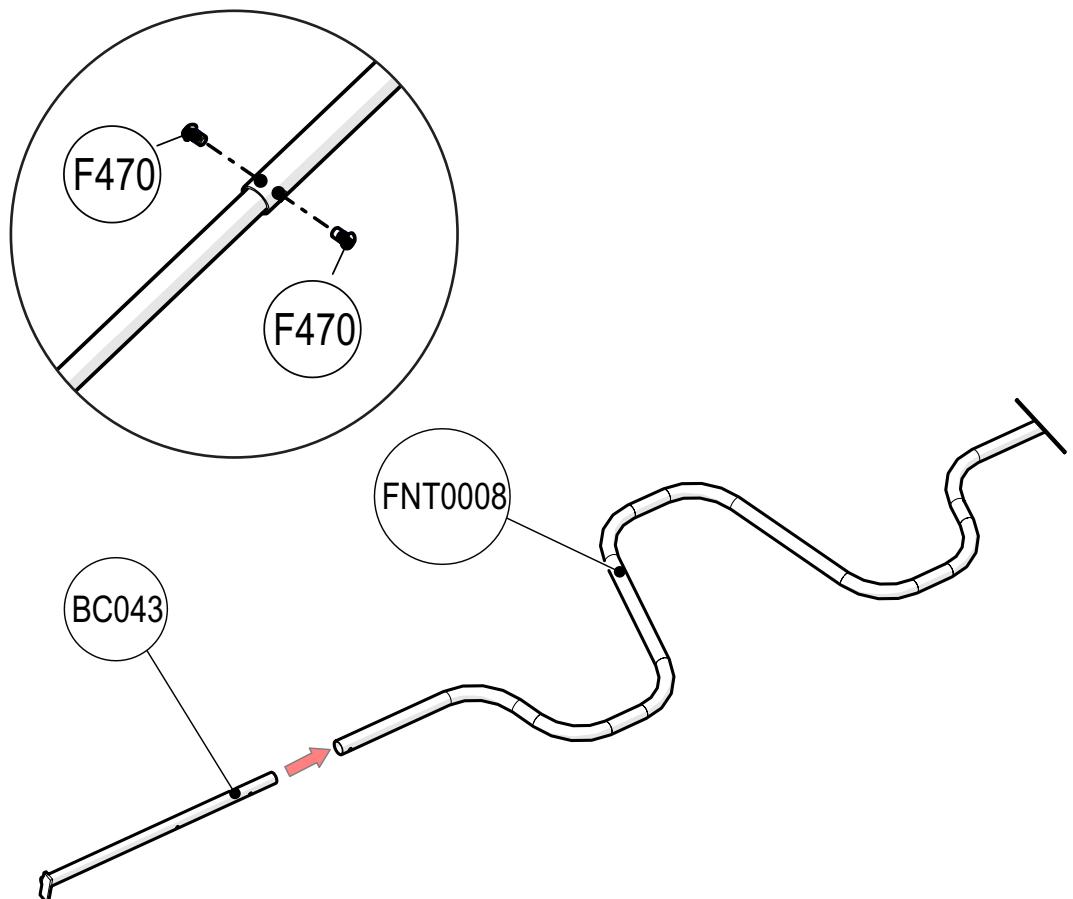
Part	Qty	Image	Description
BC043	1		33mm PIPE ADJUSTABLE SGF

Surface Fixed Additional Parts List

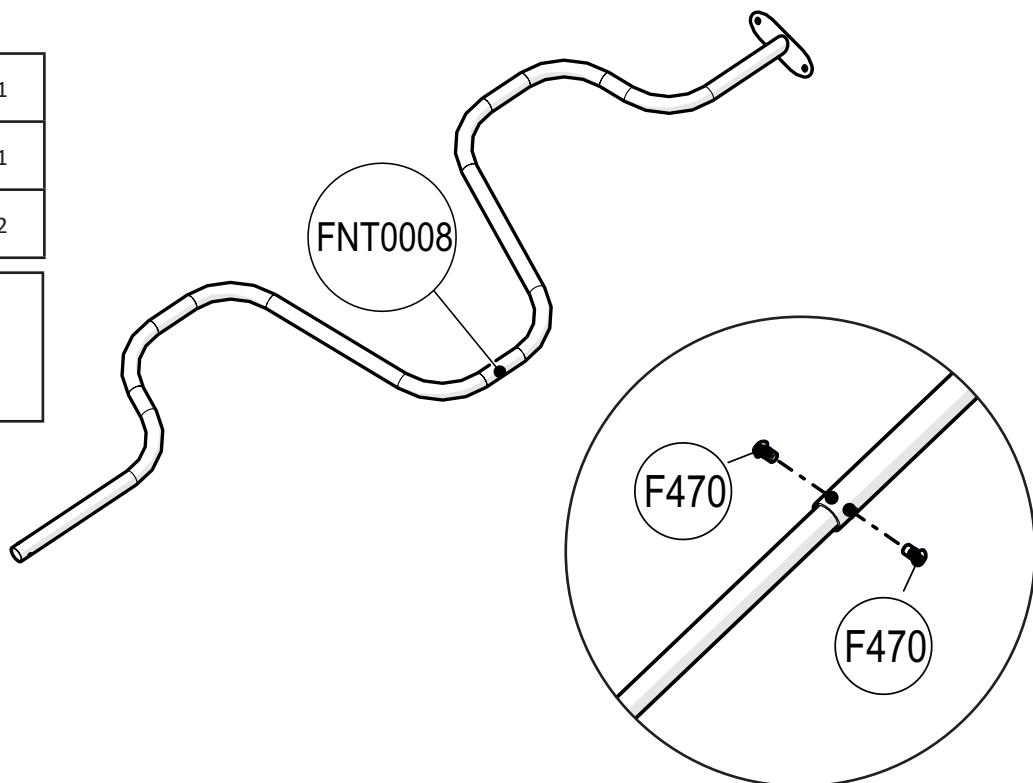
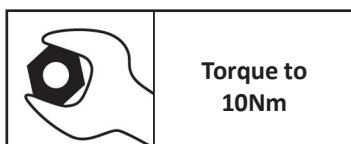
Part	Qty	Image	Description
SG72	1		Jukebox Plus 33mm Pipe SF Assembly

01

FNT0008	1
BC043	1
F470	2

**01 SF**

FNT0008	1
SG72	1
F470	2



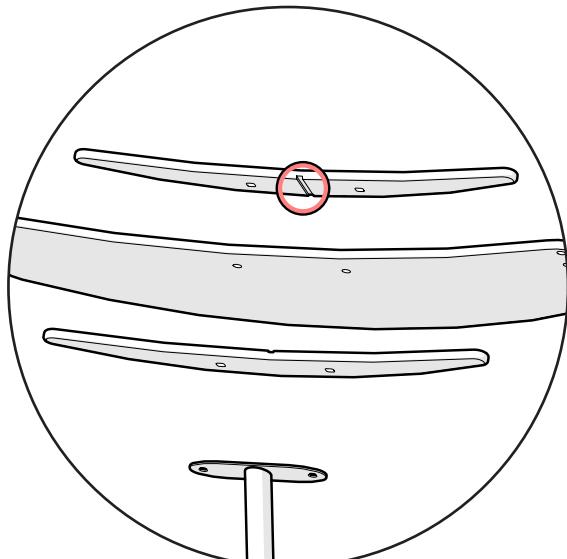
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FNT0014A

1

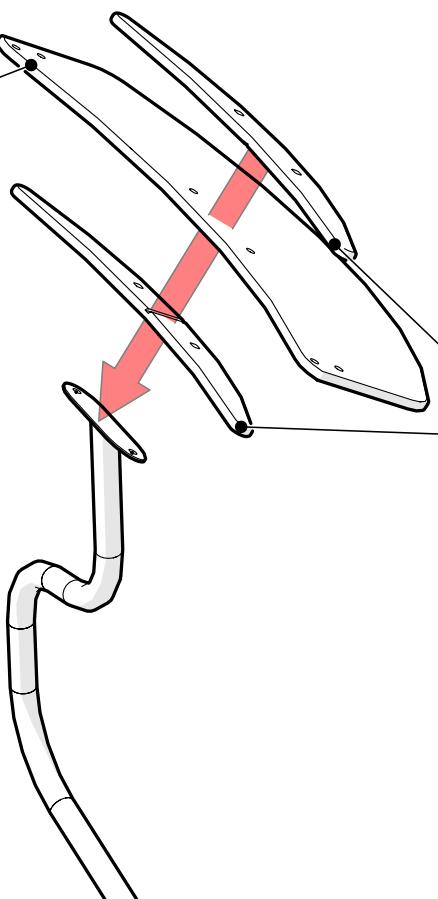
FNT0013D

2



FNT0014A

FNT0013D



02

F022S

2

F110

2

F120

2

F601A

2

F601B

2



Torque to
10Nm

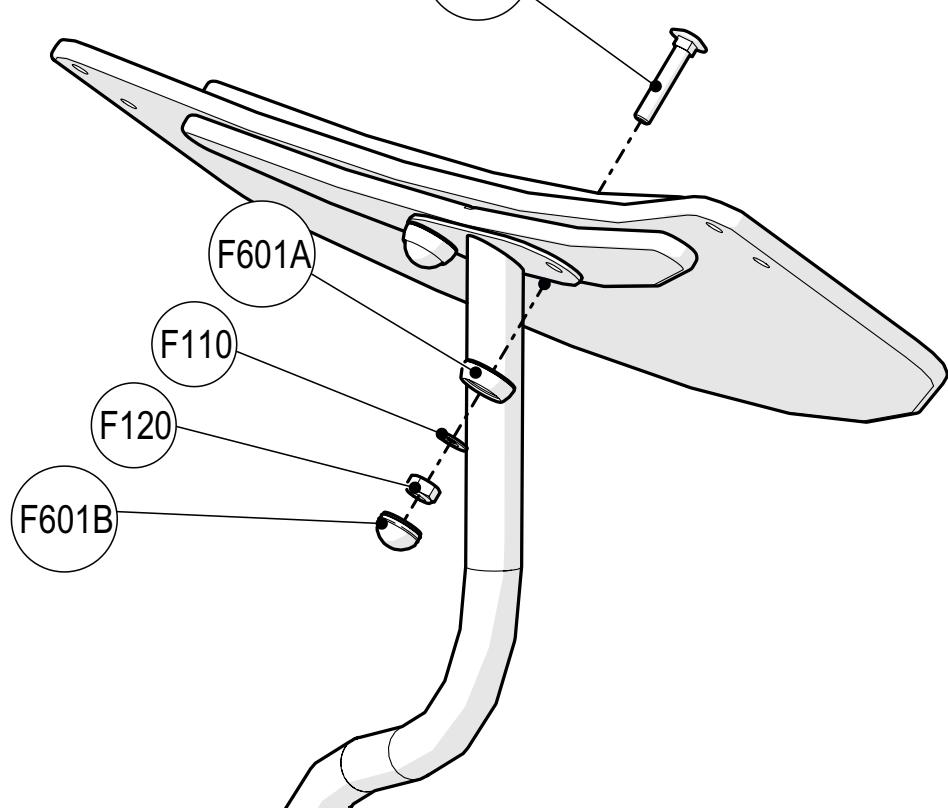
F022S

F601A

F110

F120

F601B

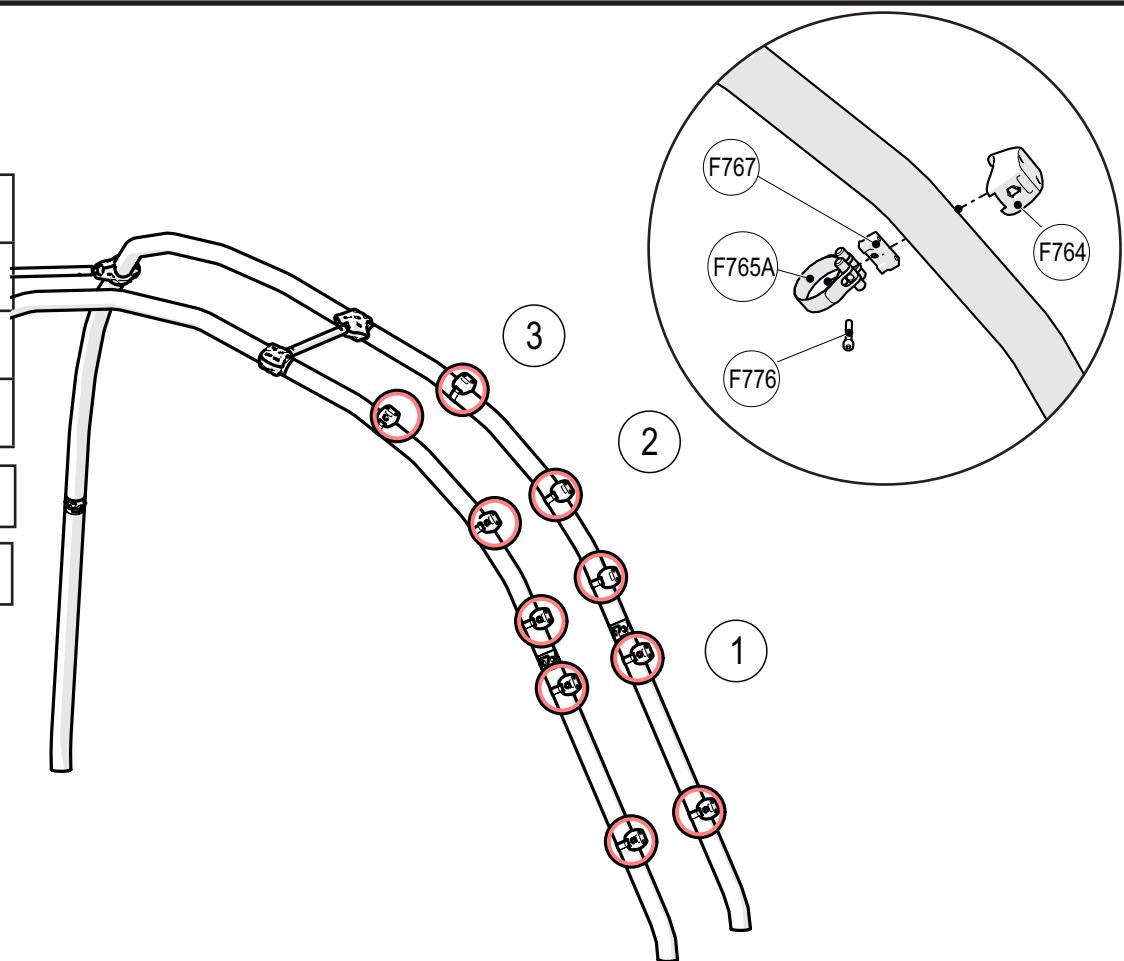


03

F764	10
F765A	10
F767	10
F776	10

Refer to-
** General Installation B

Refer to-
*** General Installation C

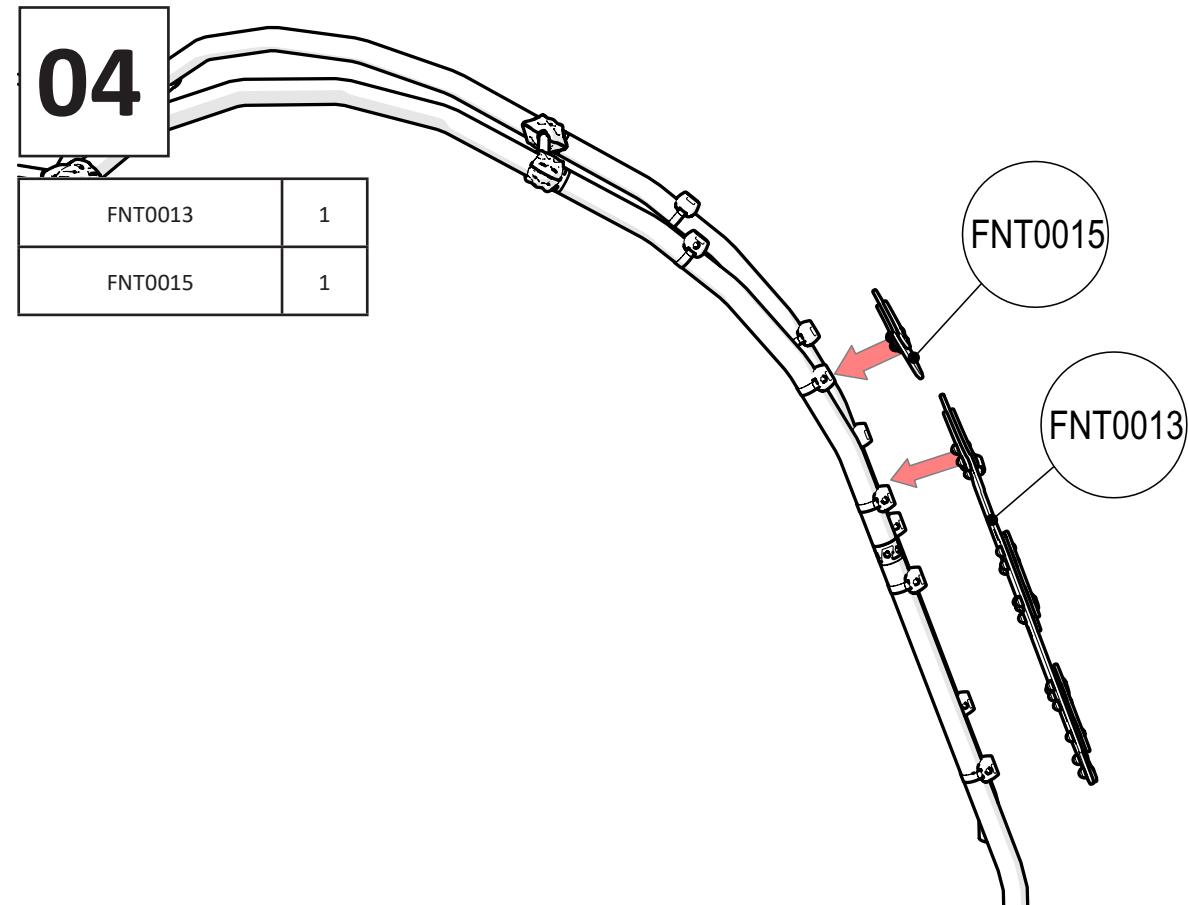


04

FNT0013	1
FNT0015	1

FNT0015

FNT0013



05

F791

16

Refer to-

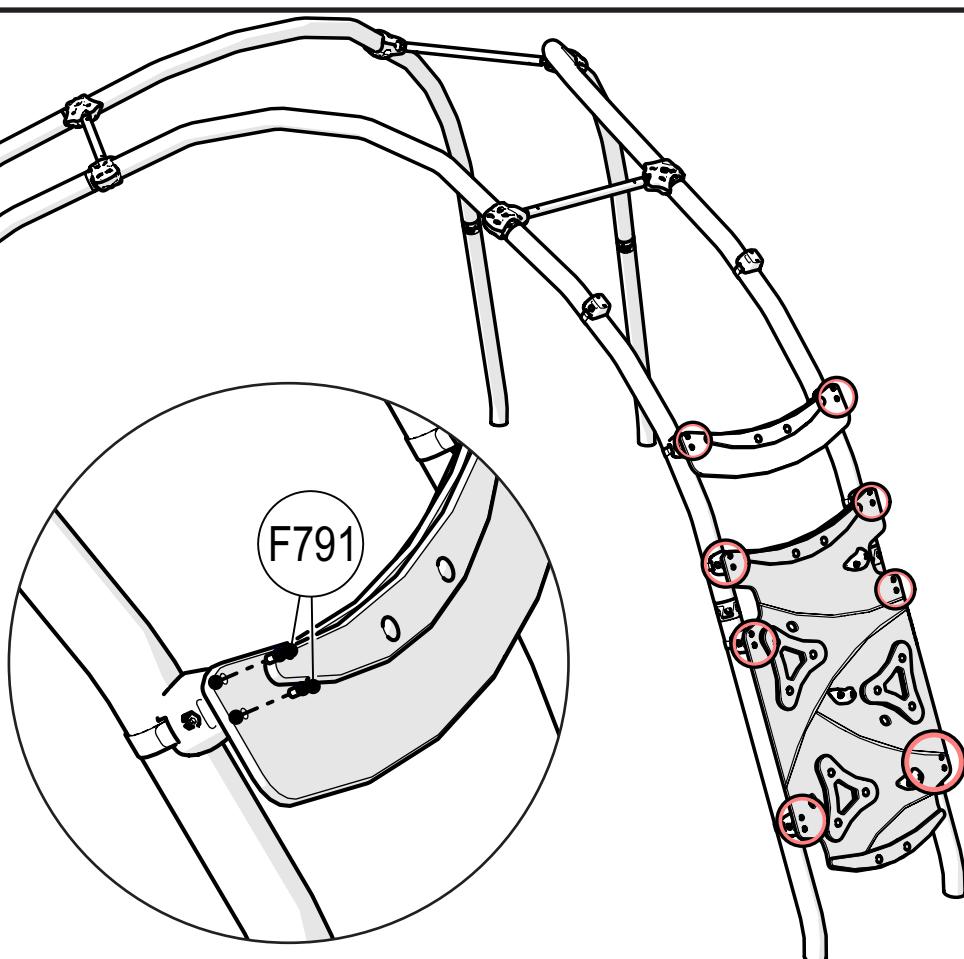
** General Installation B

Refer to-

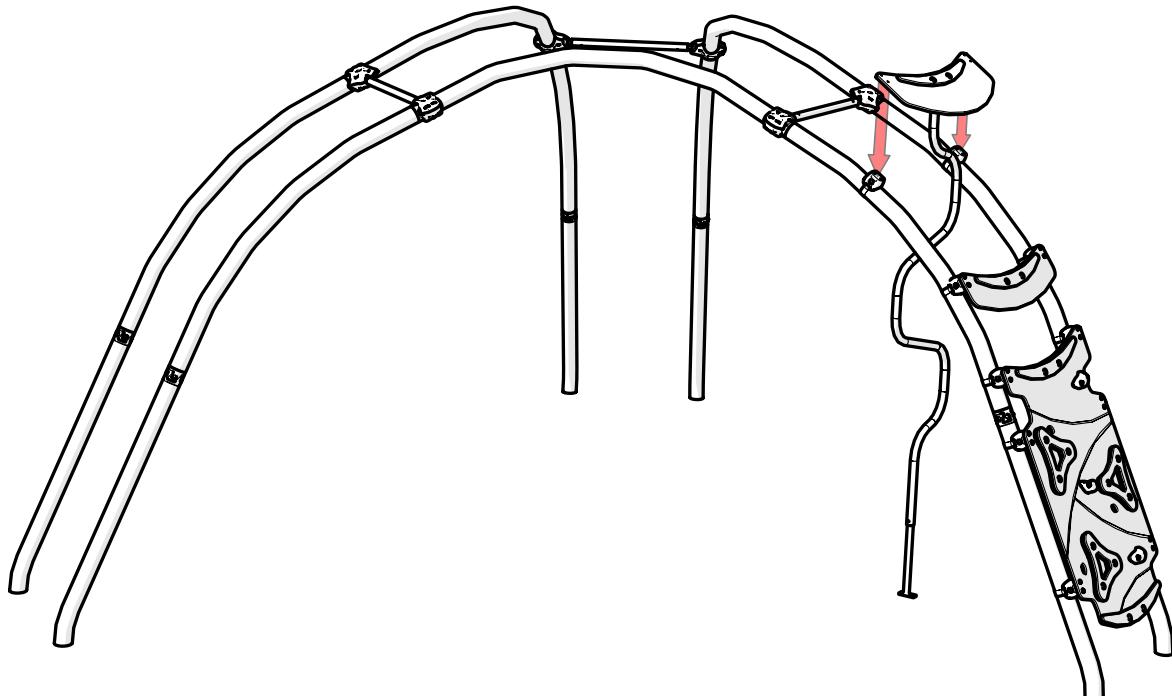
*** General Installation C



Torque to
10Nm



06



07

F791

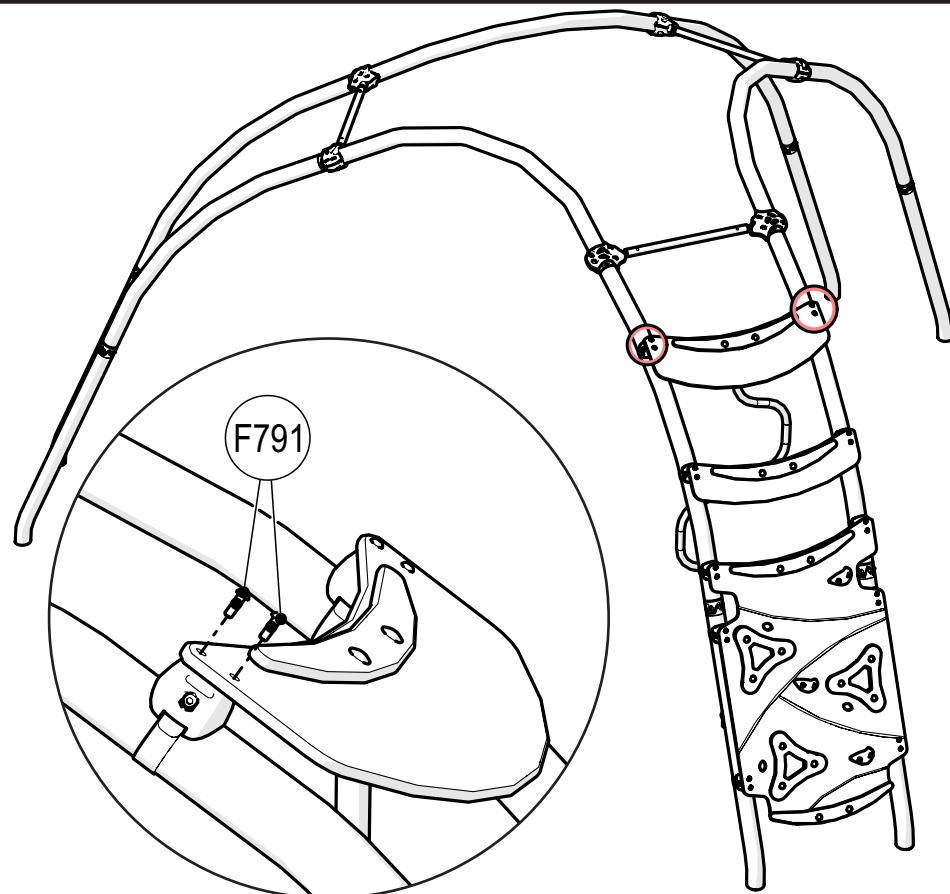
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Refer to-
** General Installation B

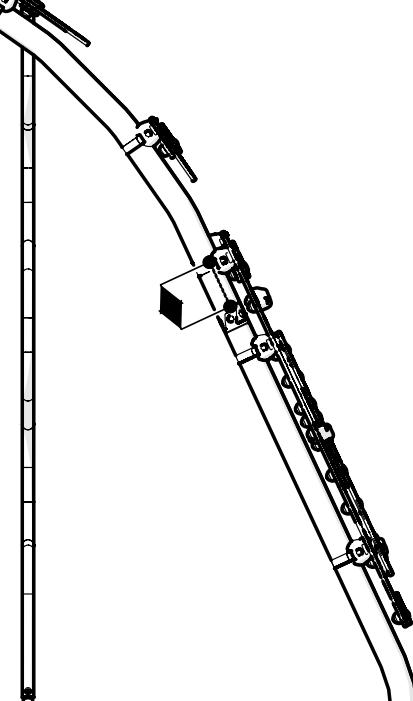
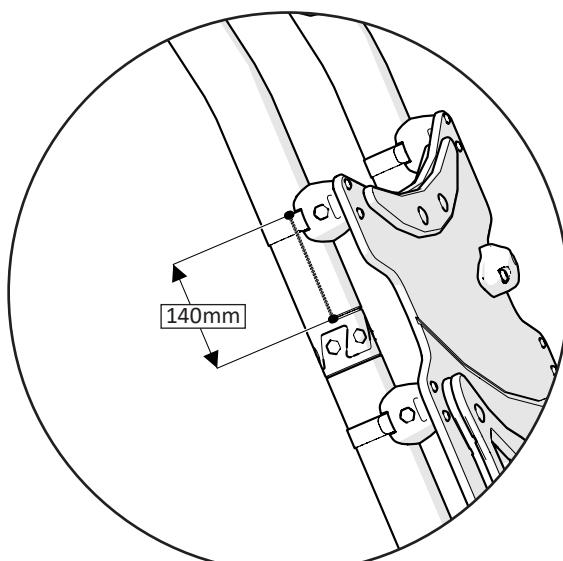
Refer to-
*** General Installation C



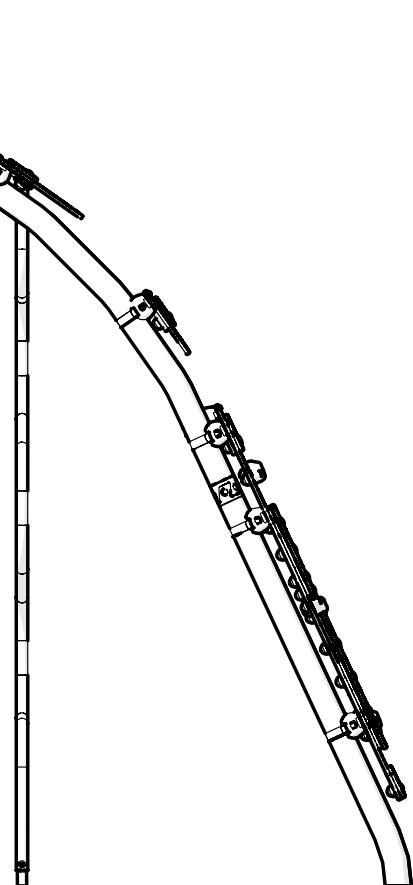
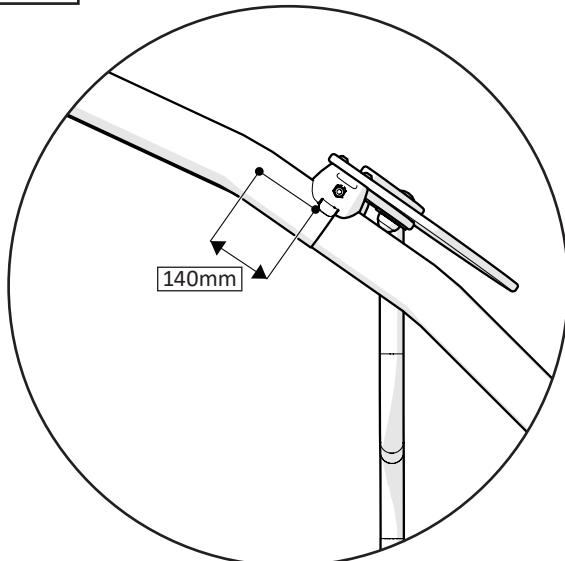
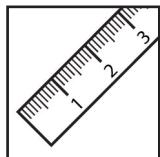
Torque to
10Nm



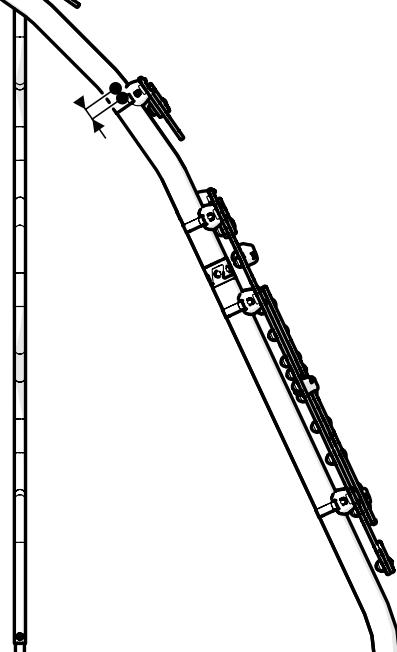
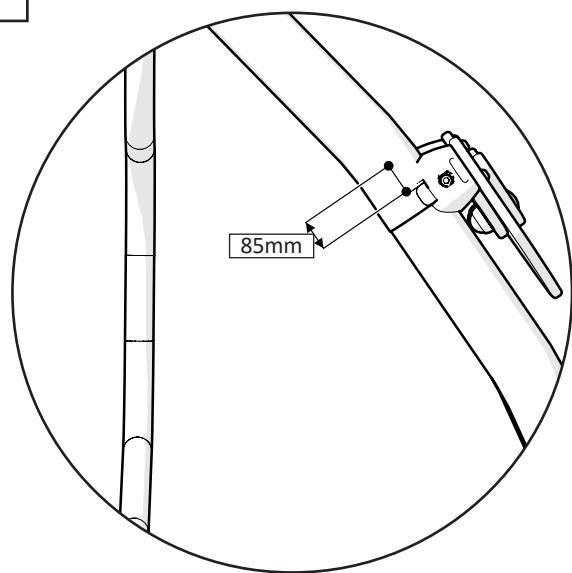
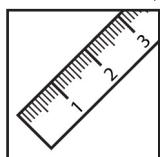
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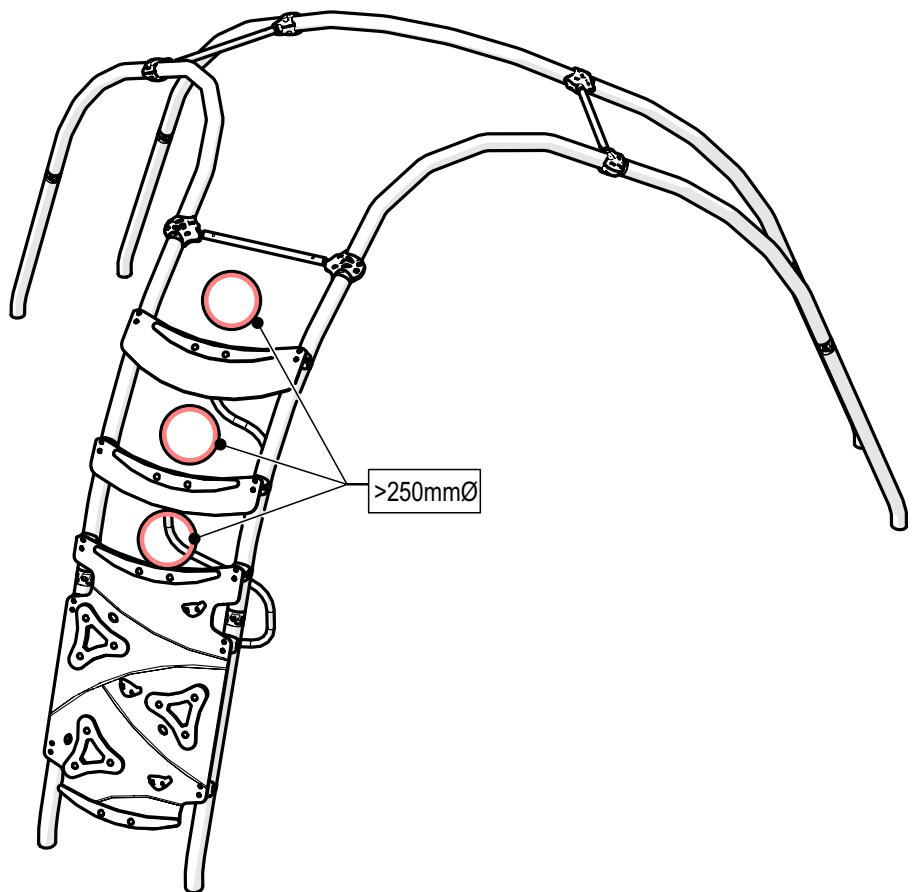
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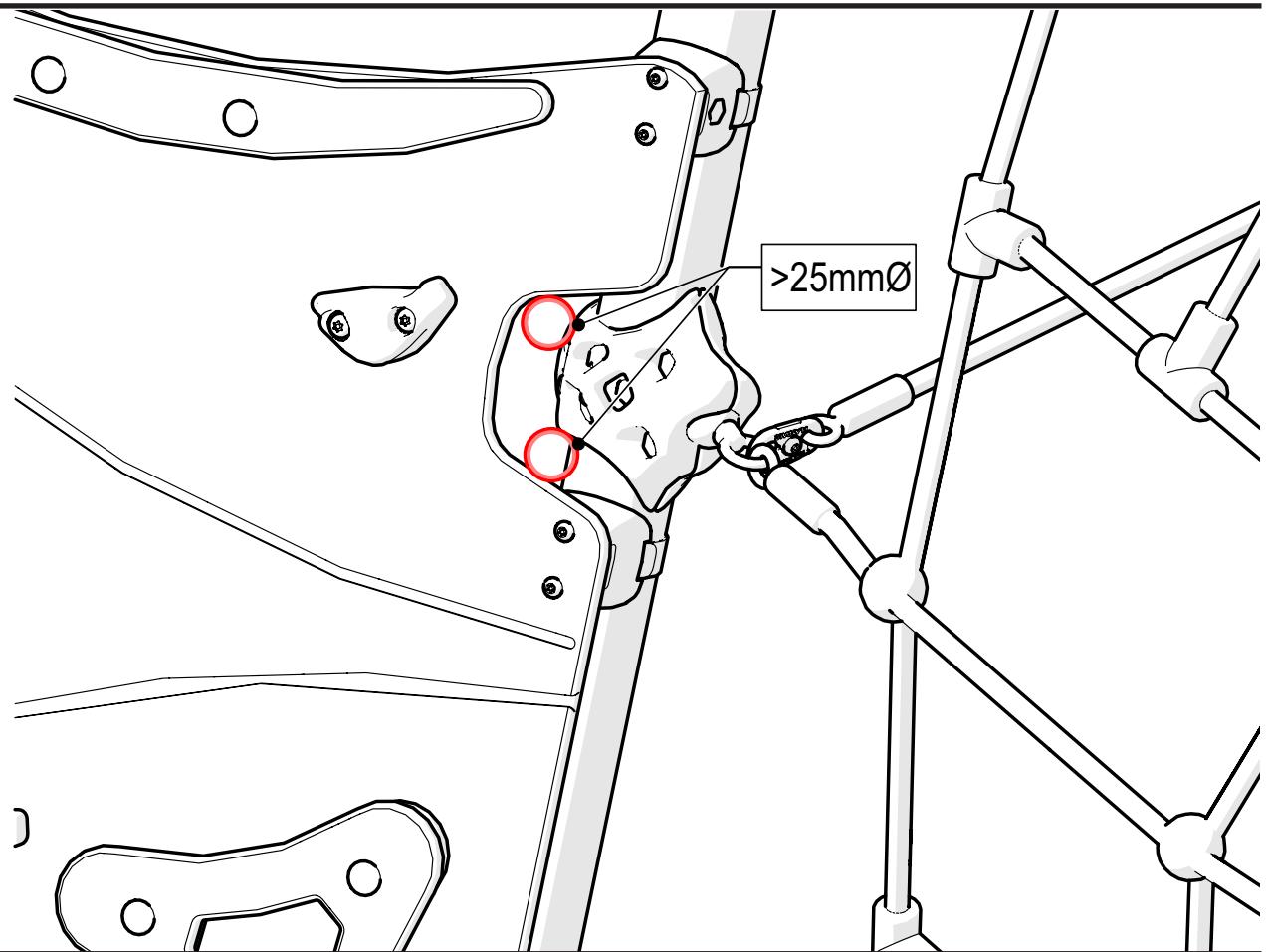
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11



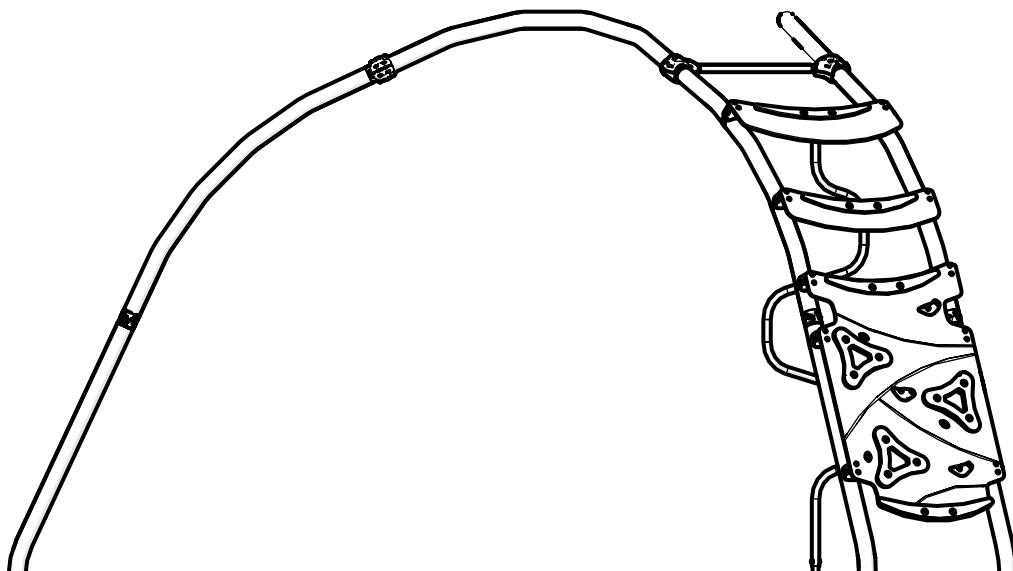
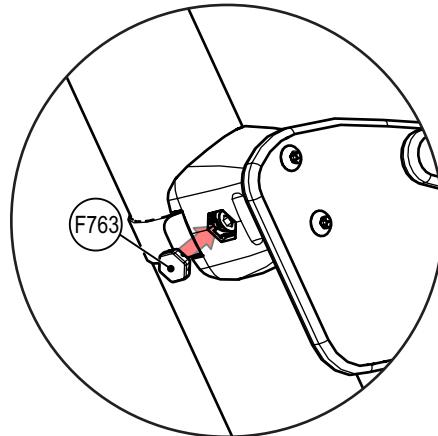
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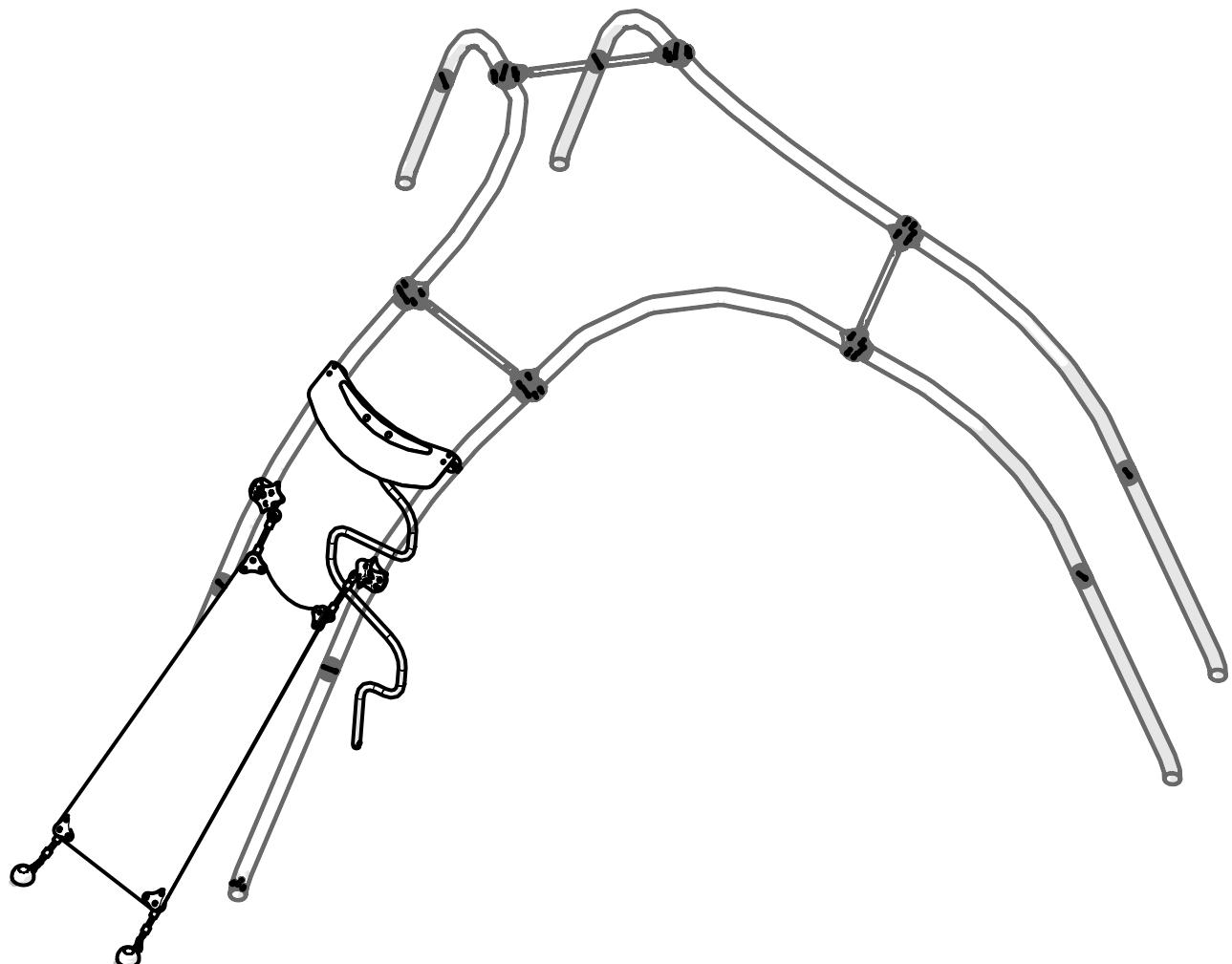


13

F763

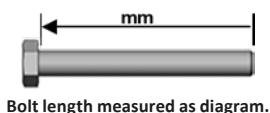
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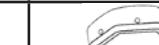
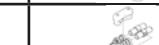


Components

Common Parts List			
Part	Qty	Image	Description
FNT0008	1		Dome Climber Wiggle Assembly
FNT0013D	2		Dome Climber CGL Panel Trim
FNT0014A	1		Dome Climber CGL Panel to Wiggle Climb
FNT0018	1		Dome Shoot Rubber Module
BR44/U	2		Ball Joint T Clamp Half 1
BR45/U	2		Ball Joint T Clamp Half 2
CBC017C	2		Scramble Net Ground Anchor



Bolt length measured as diagram.

Kitting Pack (KT/FNT#0E01)			
Part	Qty	Image	Description
F022S	2		M10 X 55MM S/S COACH BOLT
F110	2		M10 Washer 21mm O/D
F137	2		M10 Nylock Nut
F213	2		Split Link Assembly Inc. Bolt
F419	8		M8 S/S Nylock Nut
F491	4		M8 X 25MM SECURITY BOLT
F470	2		M10 X16MM SECURITY BOLT
F601A	2		Playdale Cap Bottom
F601B	2		Playdale Cap Top
F763	18		Hex Cap
F764	2		Band Clamp Cover
F765	2		Band Clamp Assembly
F774	8		M8 X 30mm Socket Cap Screw

Steel Ground Fixed Additional Parts List

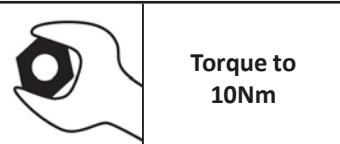
Part	Qty	Image	Description
BC043	1		33mm PIPE ADJUSTABLE SGF
SG89A	2		Twisted Climbing Net SGF Leg

Surface Fixed Additional Parts List

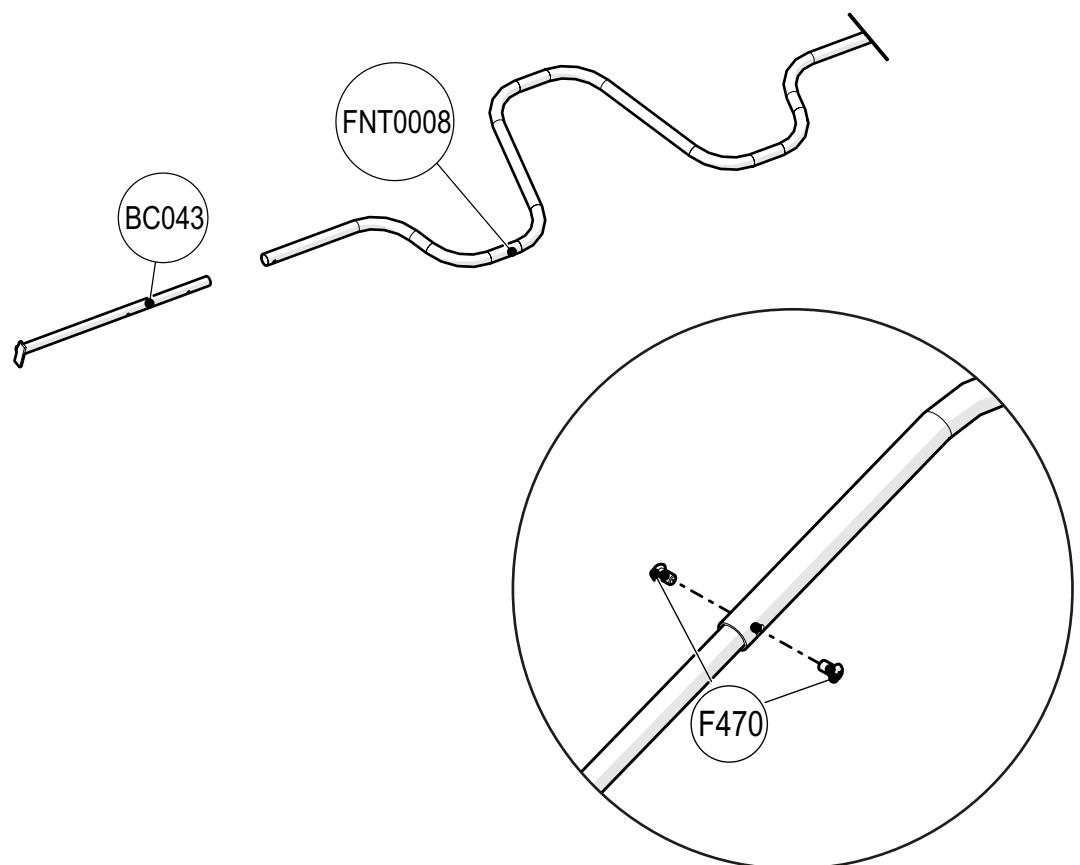
Part	Qty	Image	Description
SG72	1		Jukebox Plus 33mm Pipe SF Assembly
SG81	2		Jukebox Plus Twisted Scramble Net Surface Fixing

01

FNT0008	1
BC043	1
F470	2

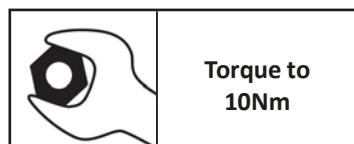


Torque to
10Nm

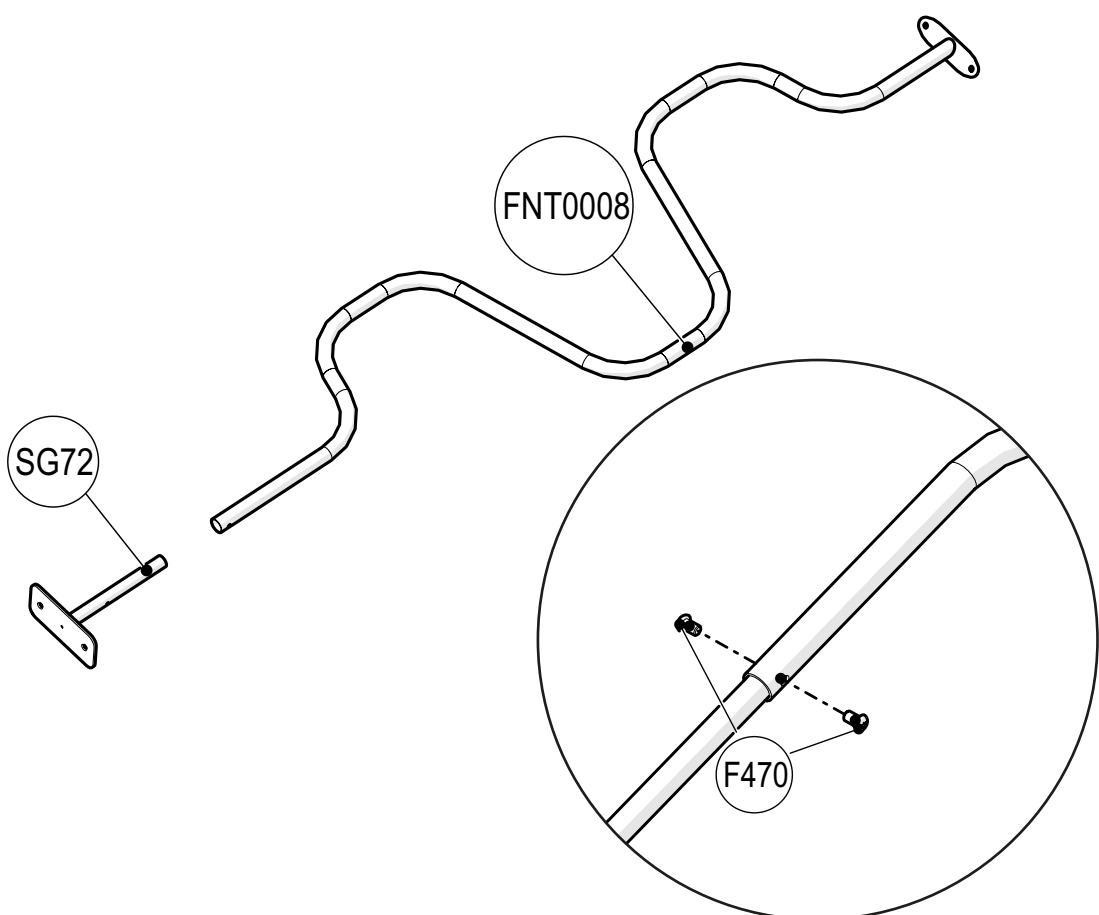


01 SF

FNT0008	1
SG72	1
F470	2



Torque to
10Nm



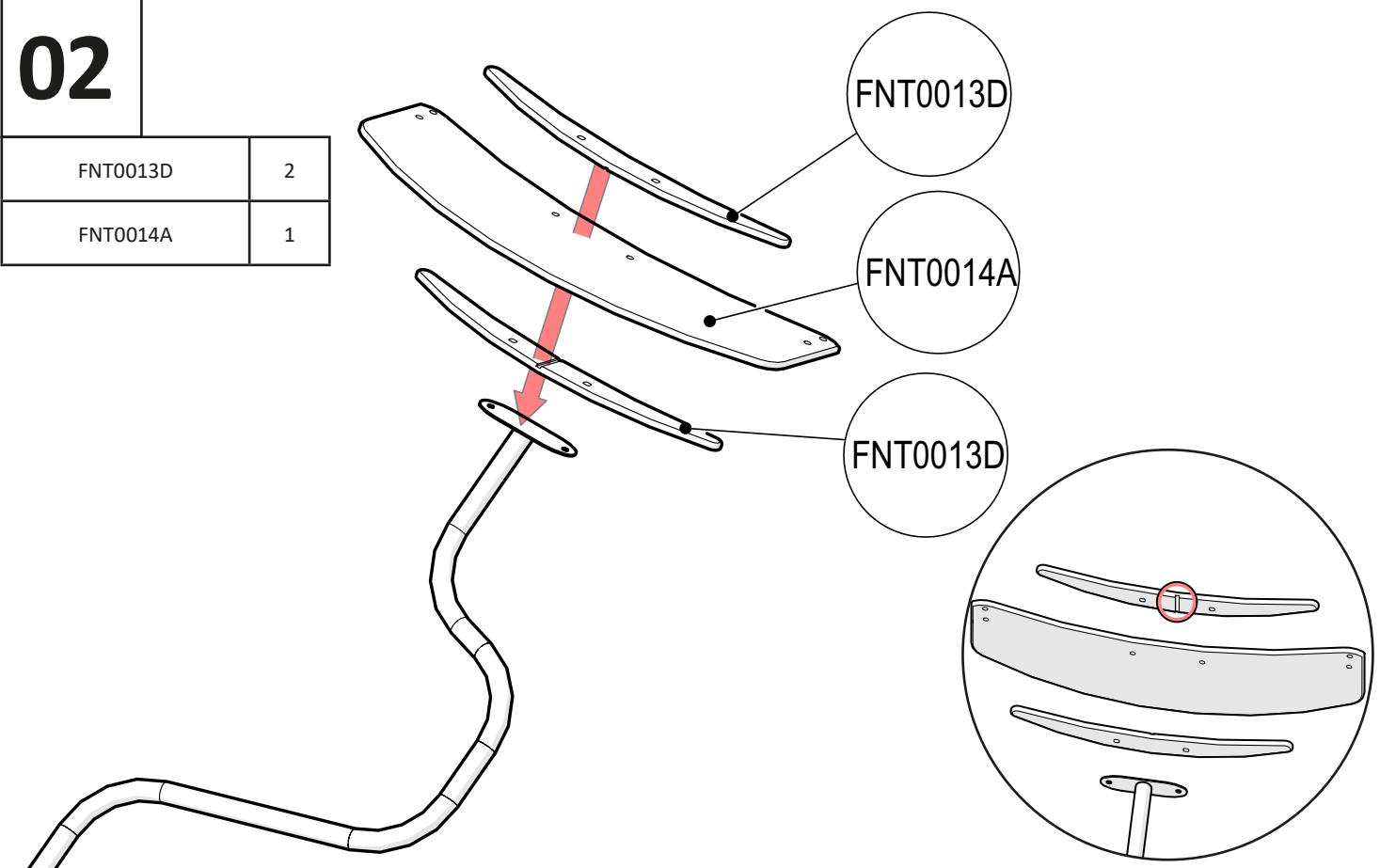
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FNT0013D

2

FNT0014A

1



03

F022S

2

F601A

2

F110

2

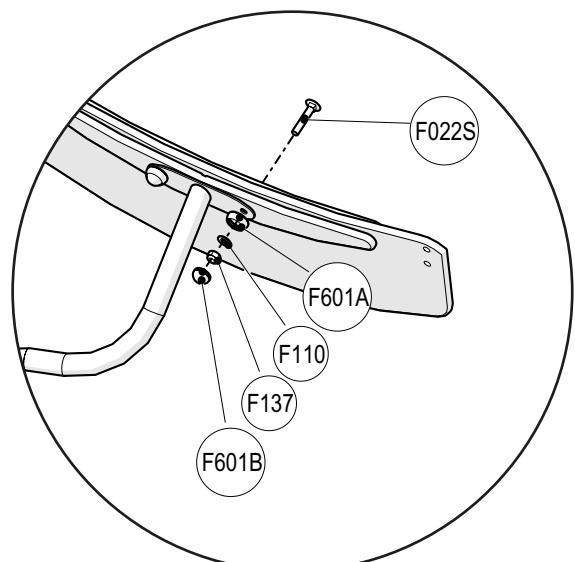
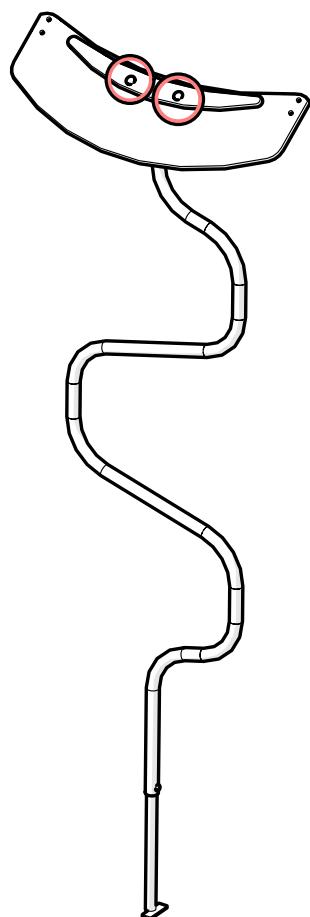
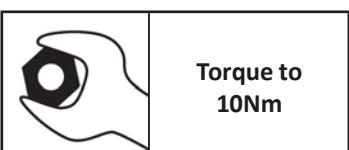
F137

2

F601B

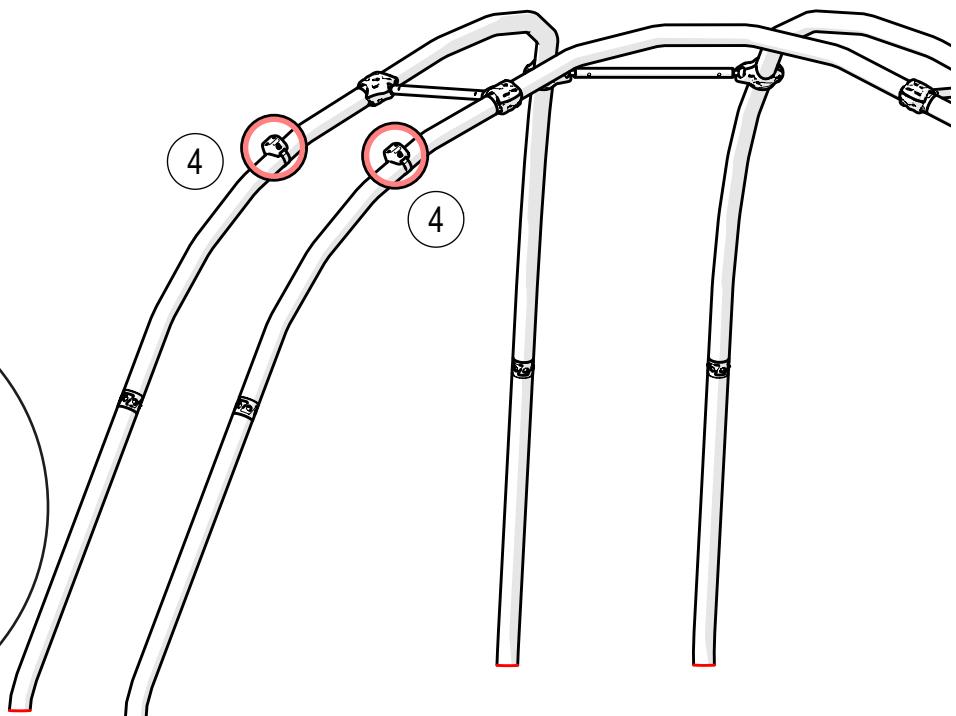
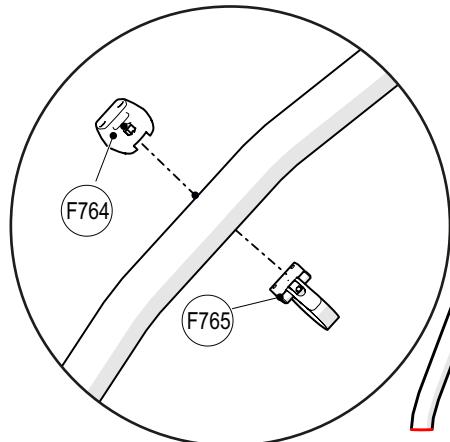
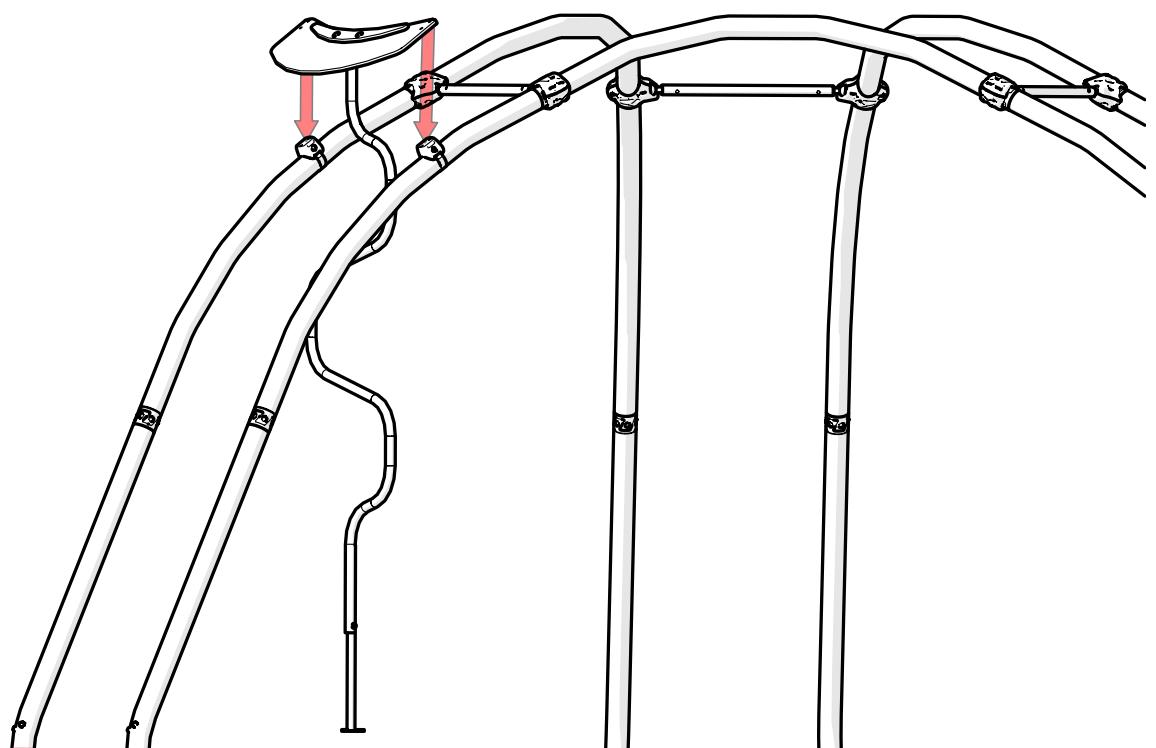
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 Torque to
10Nm



04

F764	2
F765	2

Refer to-
** General Installation BRefer to-
*** General Installation C**05**

06

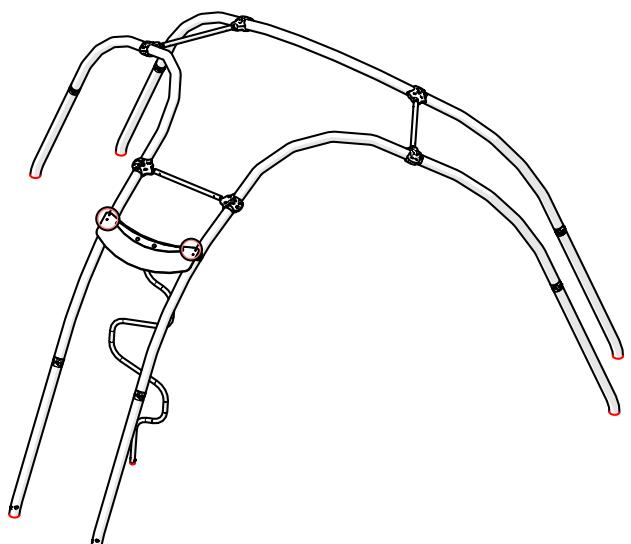
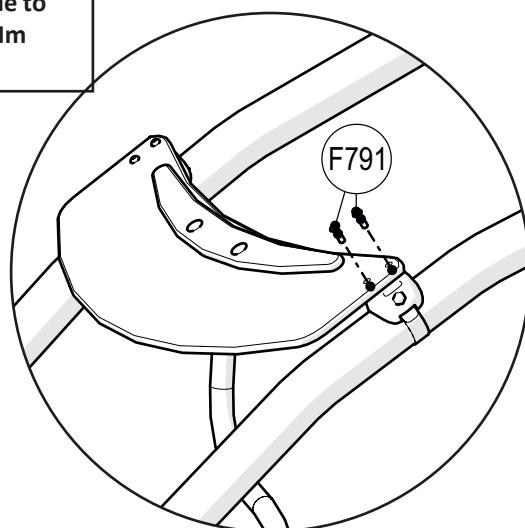
F791

4

Refer to-
** General Installation B



Torque to
10Nm



07

BR44/U

2

BR45/U

2

F774

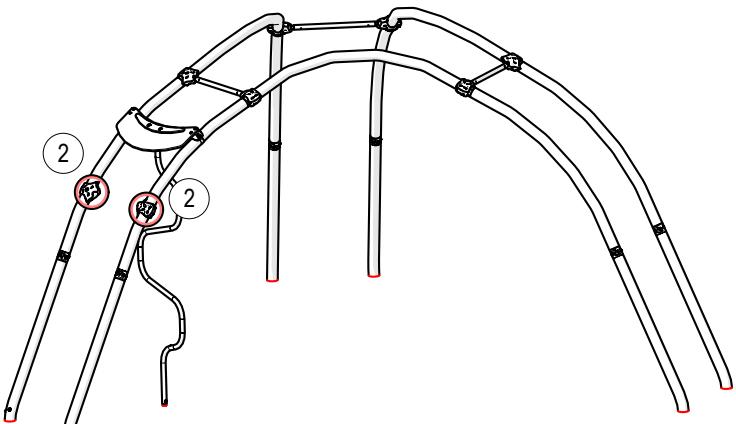
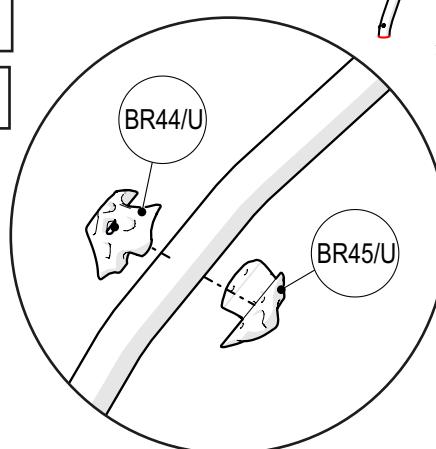
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F419

4

Refer to-
* General Installation A

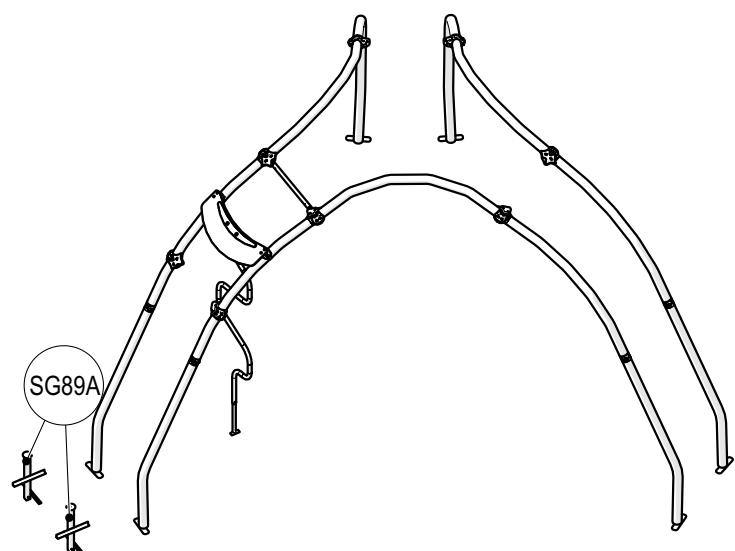
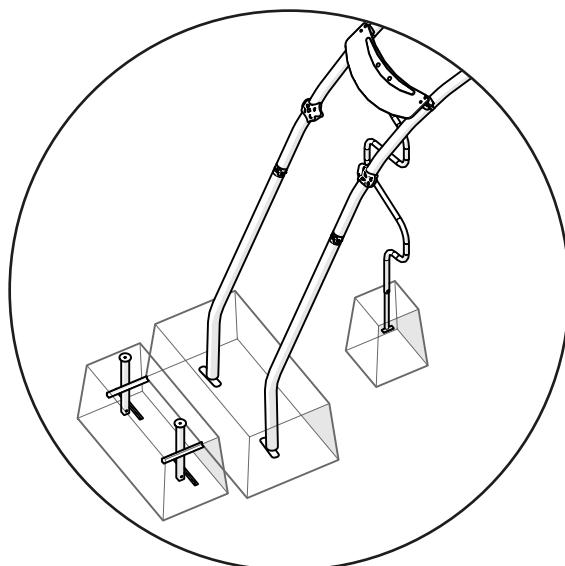
Refer to-
*** General Installation C



08

SG89A

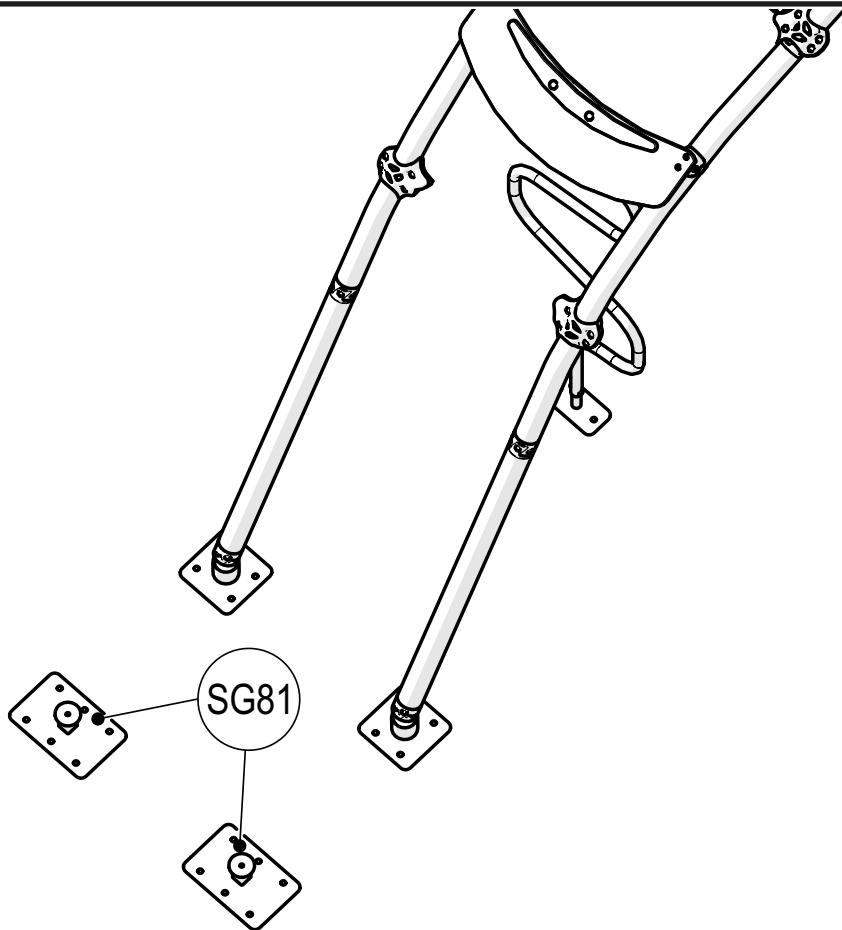
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08 SF

SG81

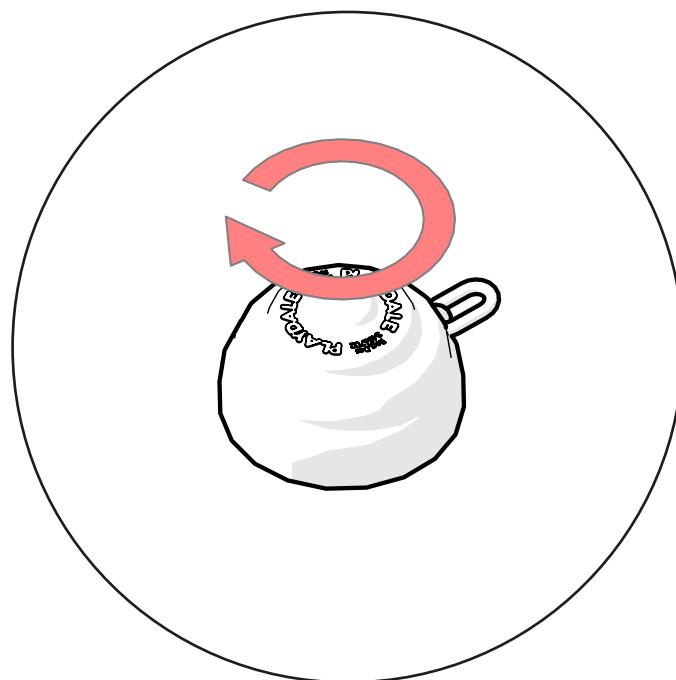
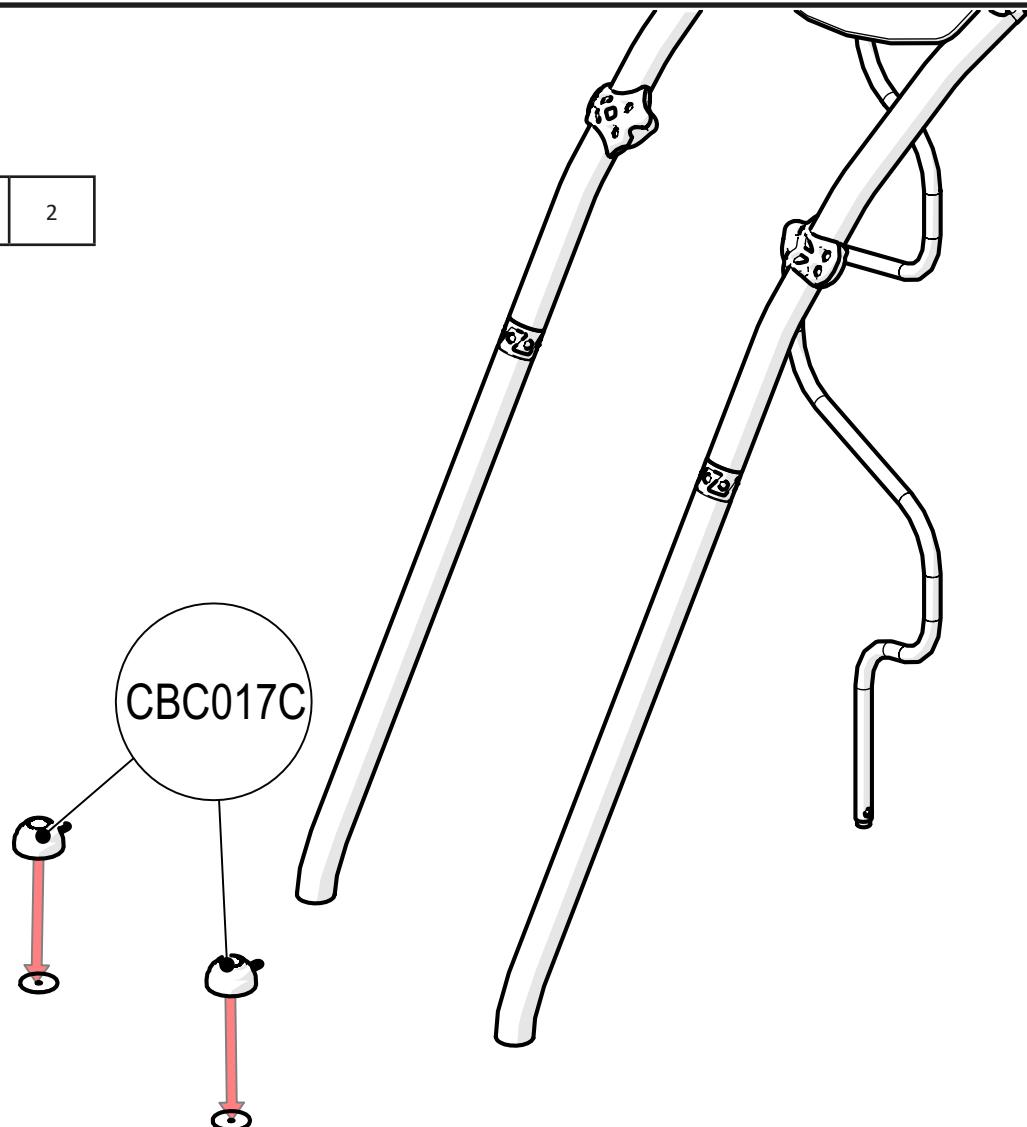
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09

CBC017C

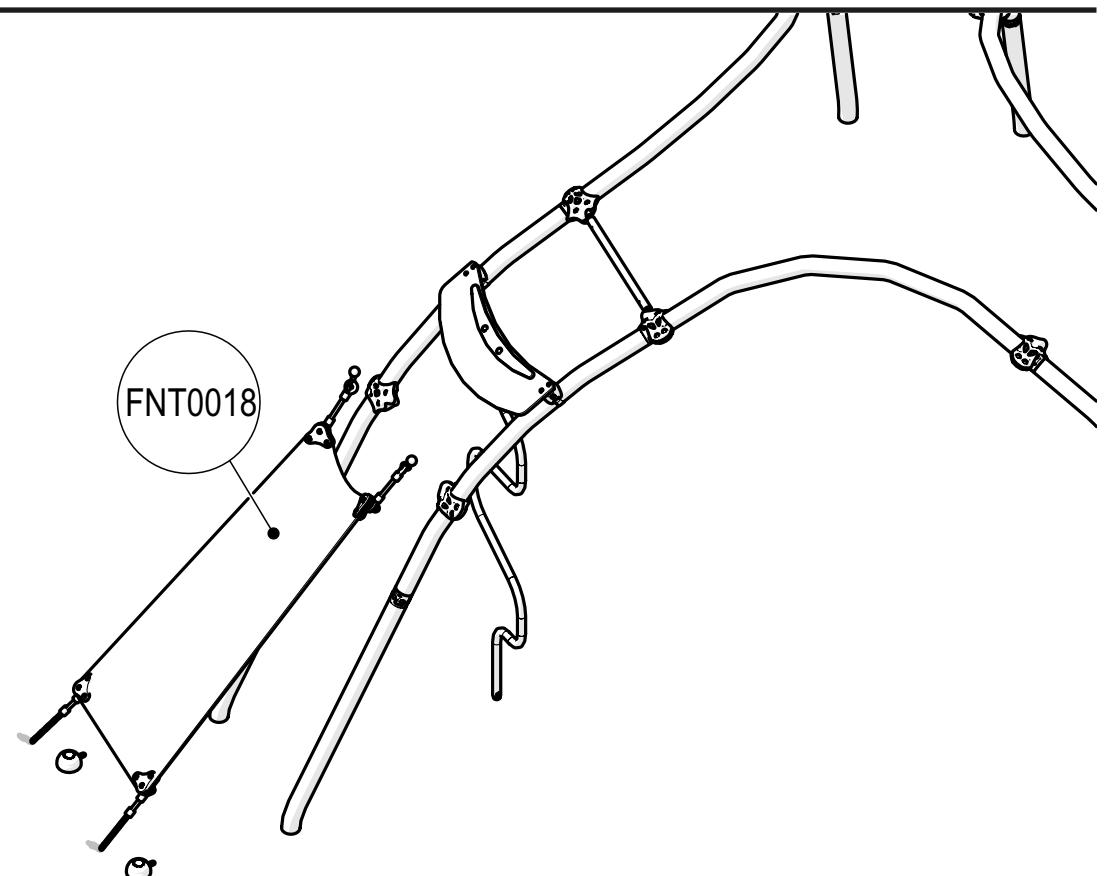
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10

FNT0018

1

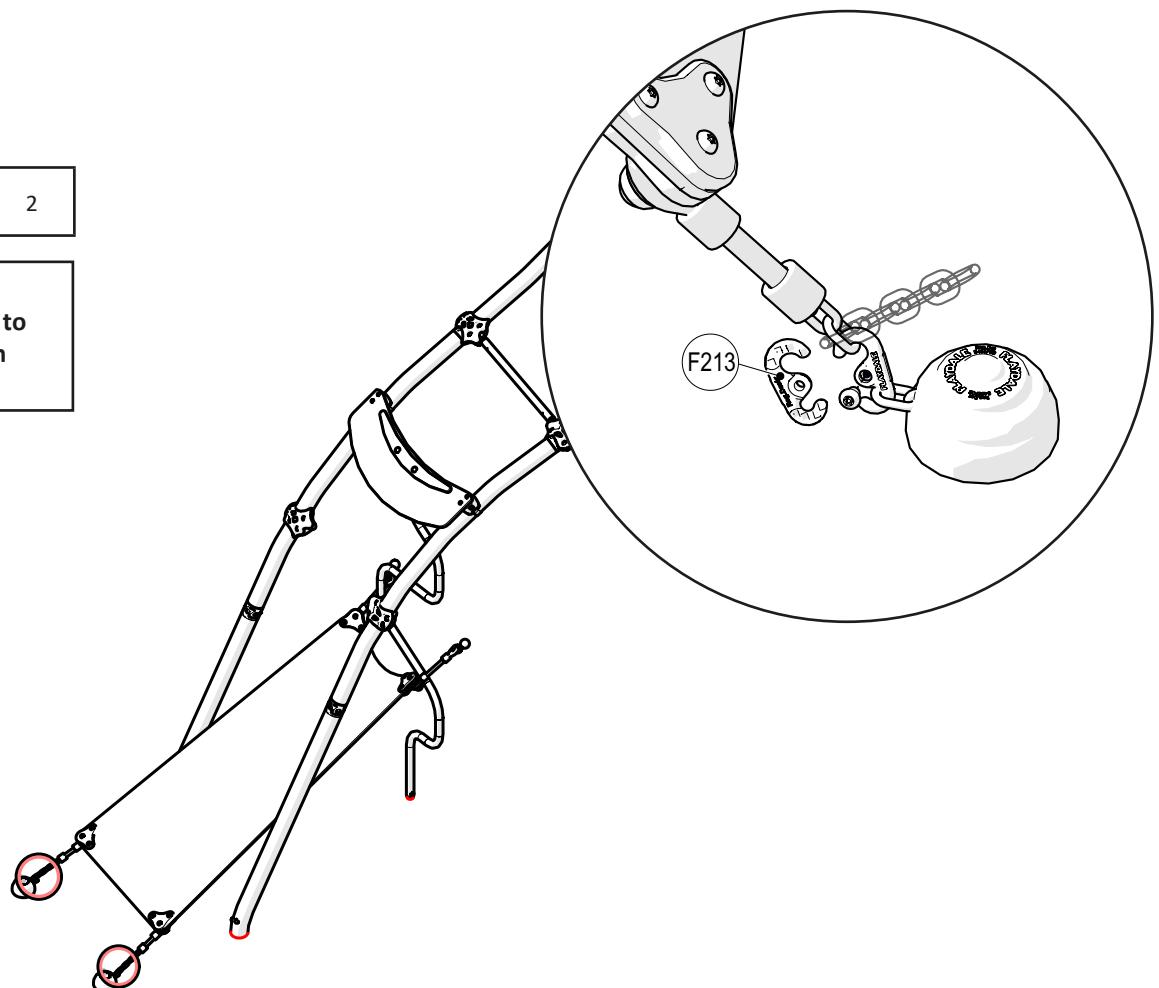


11

F213

2

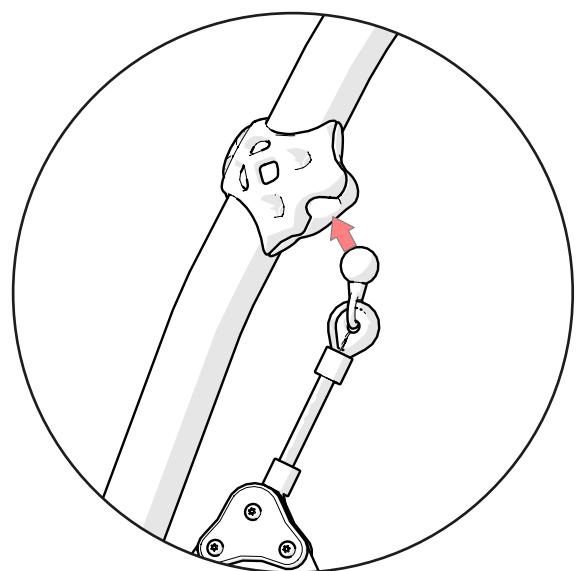
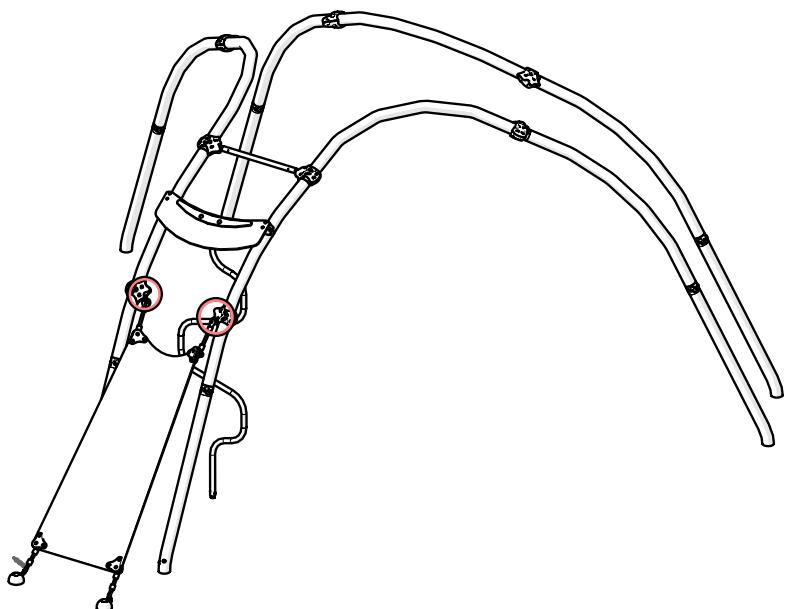
Torque to
10Nm



12

Refer to-

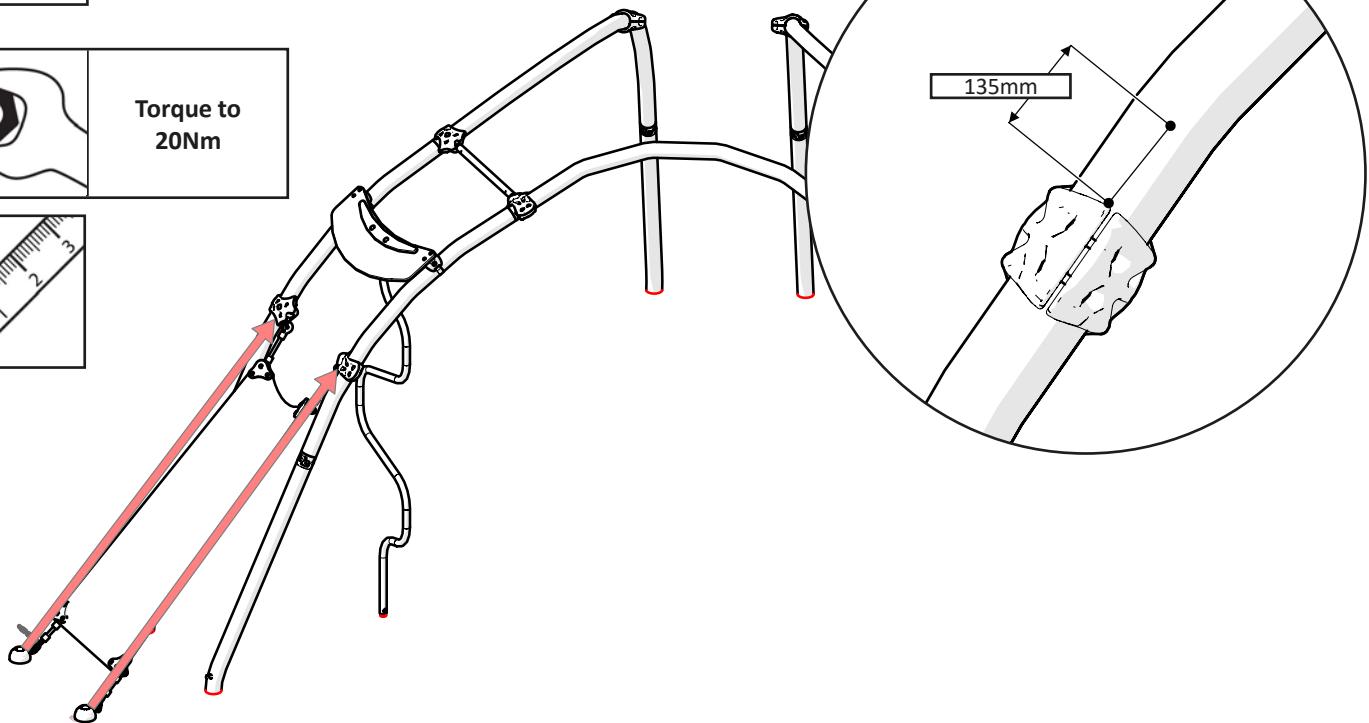
* General Installation A



13

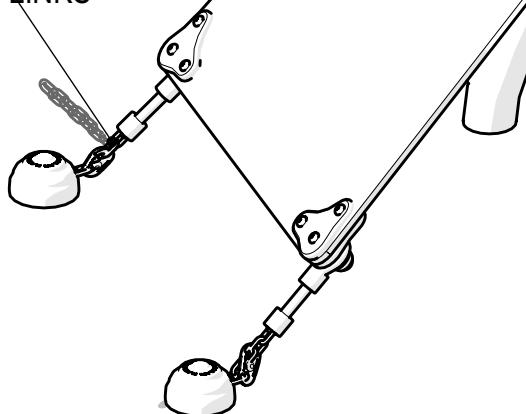


Torque to
20Nm



14

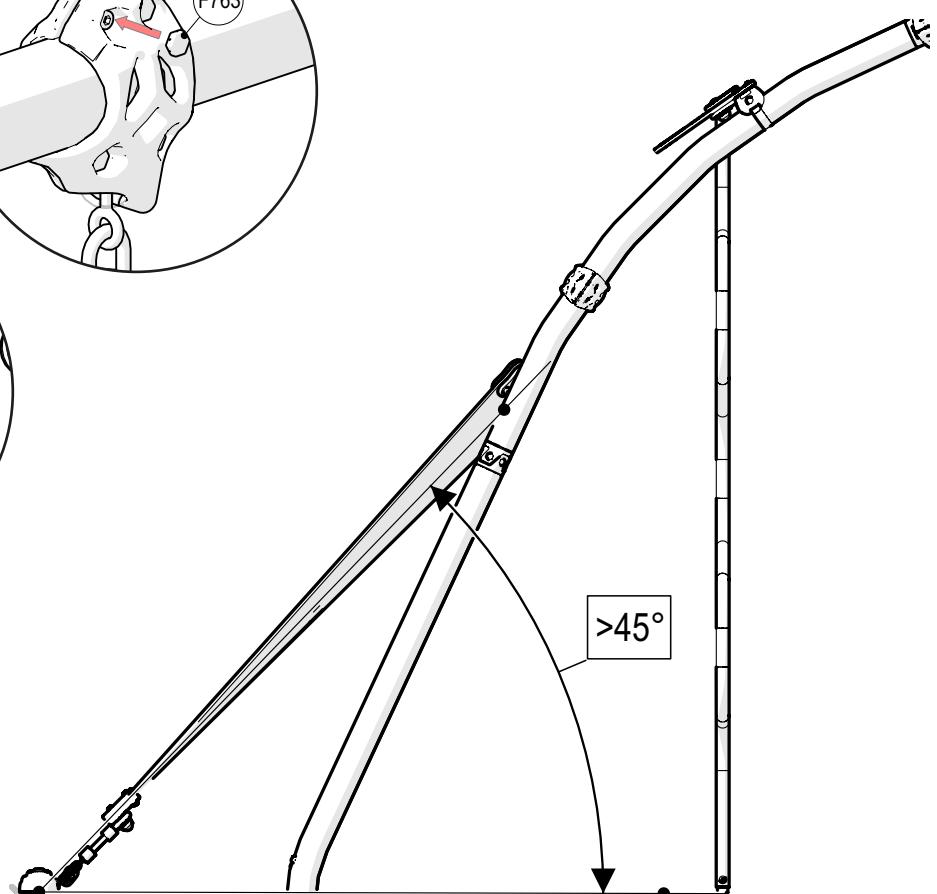
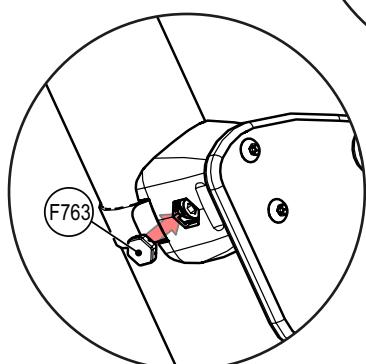
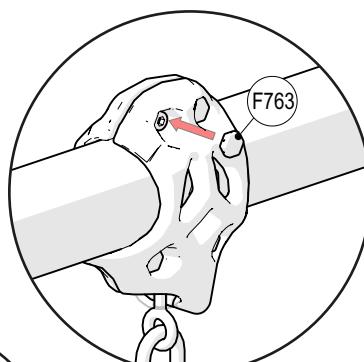
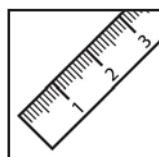
CUT LINK, DISCARD
EXCESS LINKS

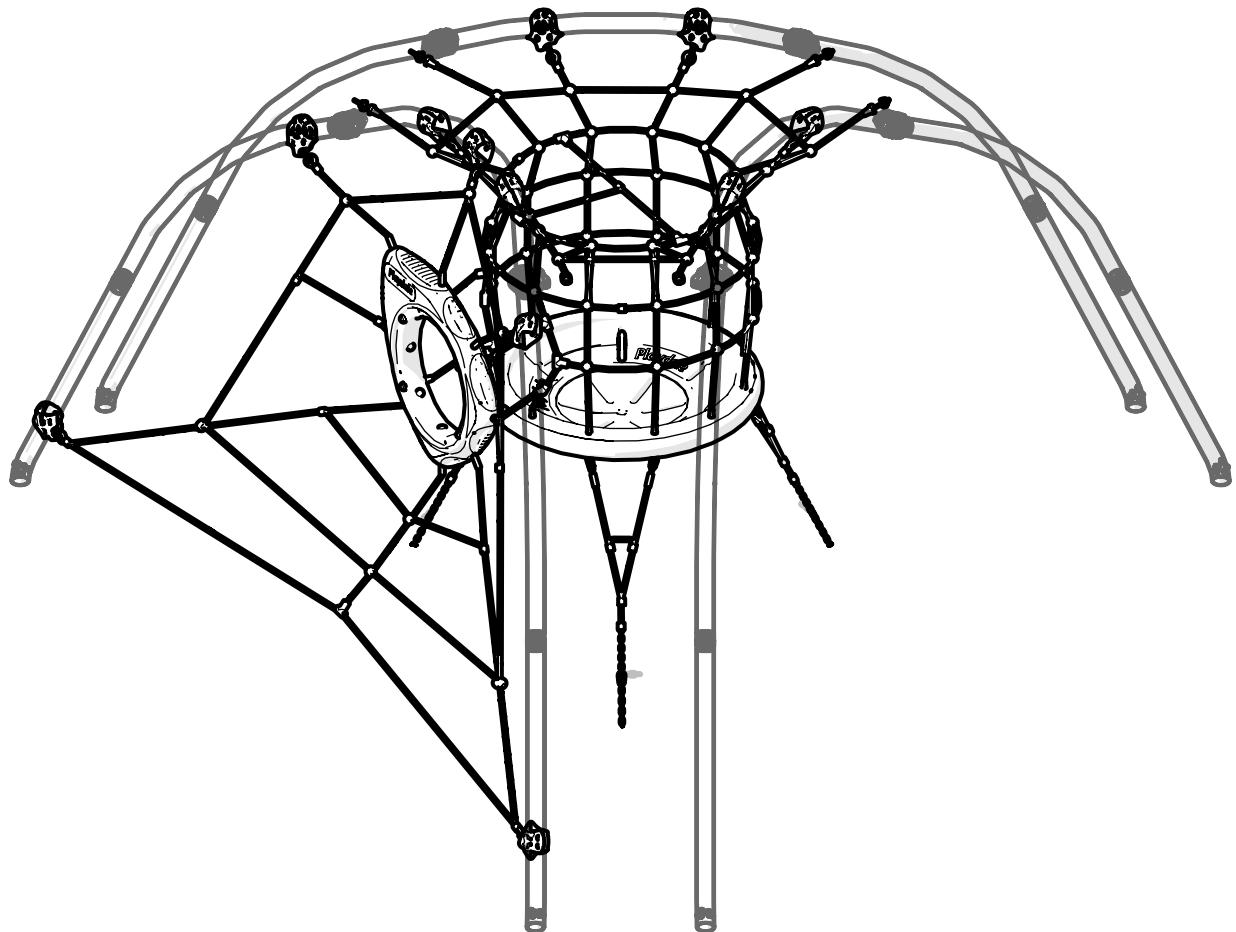


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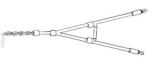
F763

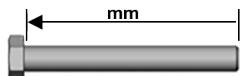
18





Components

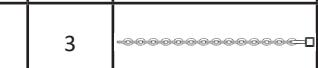
Common Parts List			
Part	Qty	Image	Description
FNT0016	1		Team Net - Scoop Section
FNT0016B	3		Team Net - Scoop Section Ground Anchor Rope Assembly
BR44/U	11		Ball Joint T Clamp Half 1
BR45/U	11		Ball Joint T Clamp Half 2
SR338	1		Team Net Entry Assembly



Bolt length measured as diagram.

Kitting Pack (KT/FNT#0F01)			
Part	Qty	Image	Description
F120	10		M10 S/S Nylock Nut
F121	10		M10 S/S Washer 21mm OD
F213	6		Split Link Assembly Inc. Bolt
F419	44		M8 S/S Nylock Nut
F507	10		Ferrule Cover
F601A	10		Playdale Cap Bottom
F601B	10		Playdale Cap Top
F604	12		CGL Bridge End Panel Black Space Scramble
F763	88		Hex Cap
F774	44		M8 X 30mm Socket Cap Screw
F789	3		M6 Turnbuckle 110-150mm
F792	6		M6 X 10mm Patch Security Bolt
F793	6		M6 X 10 S/S Barrel Nut

Steel Ground Fixed Additional Parts List

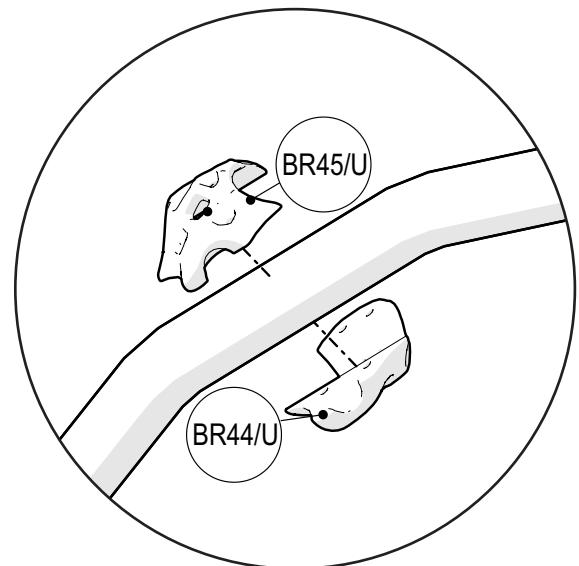
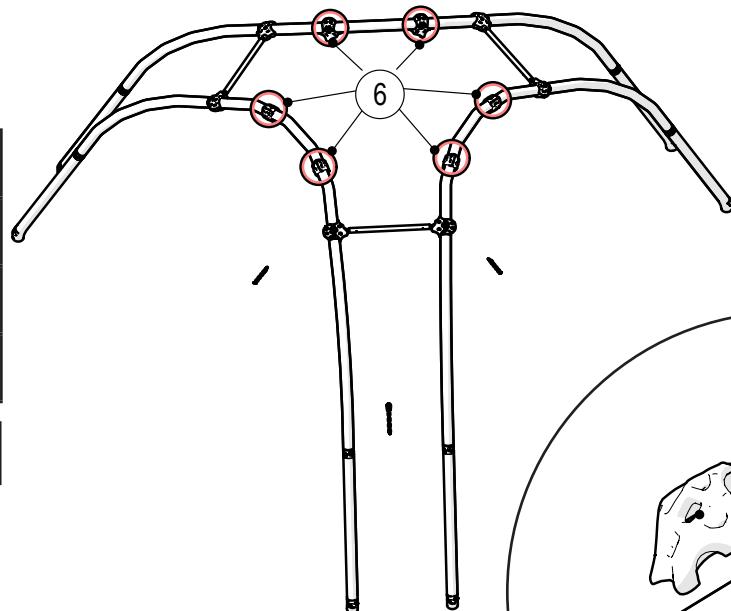
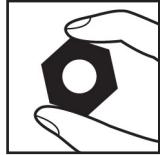
Part	Qty	Image	Description
CH79	3		Jc Rope Scrambler Grd Fix Chain

Surface Fixed Additional Parts List

Part	Qty	Image	Description
SF79	3		Tunnel Net SF Bracket

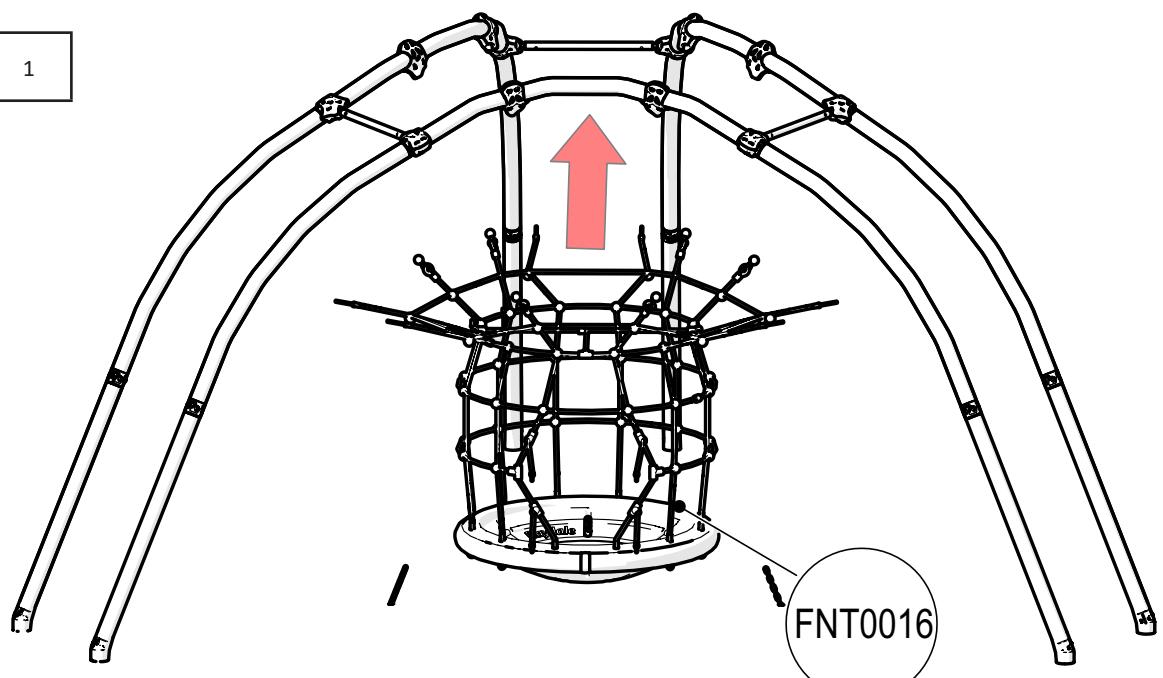
02

BR44/U	6
BR45/U	6
F419	24
F774	24

Refer to-
* General Installation A**Refer to-**
*** General Installation C**03**

FNT0016

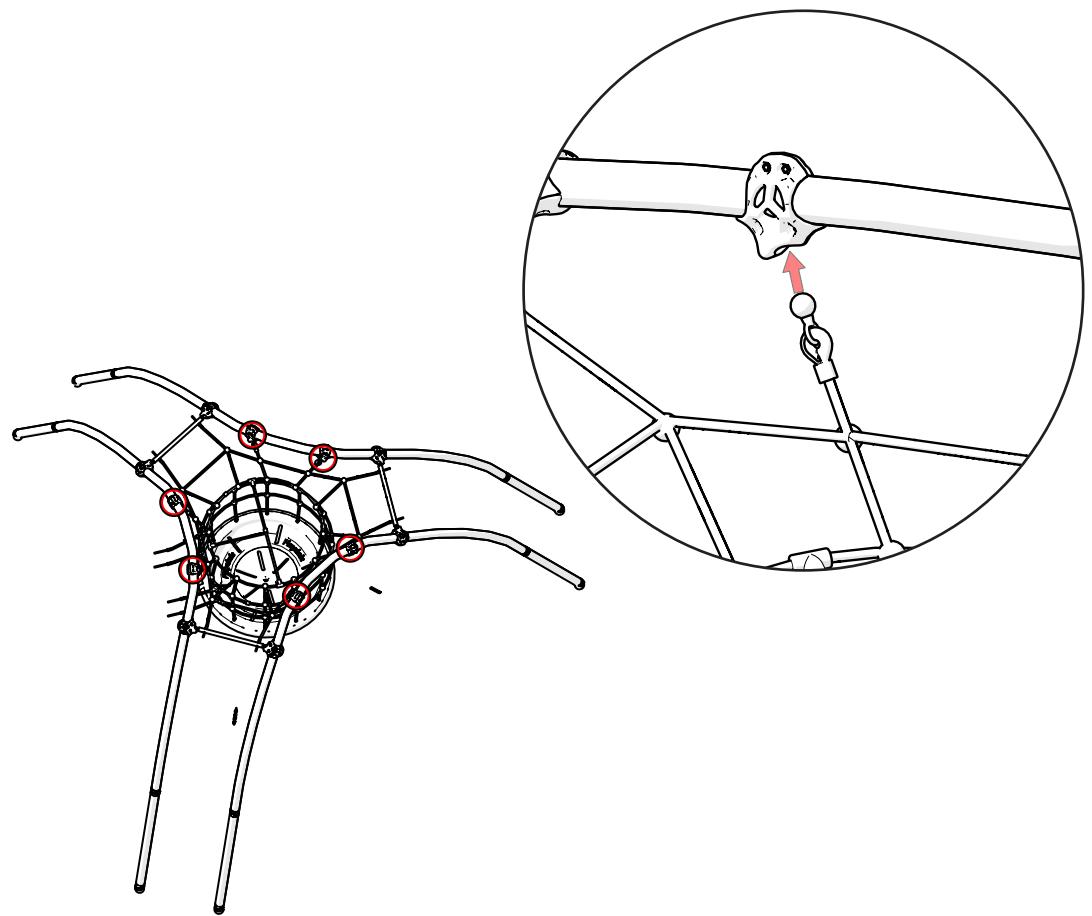
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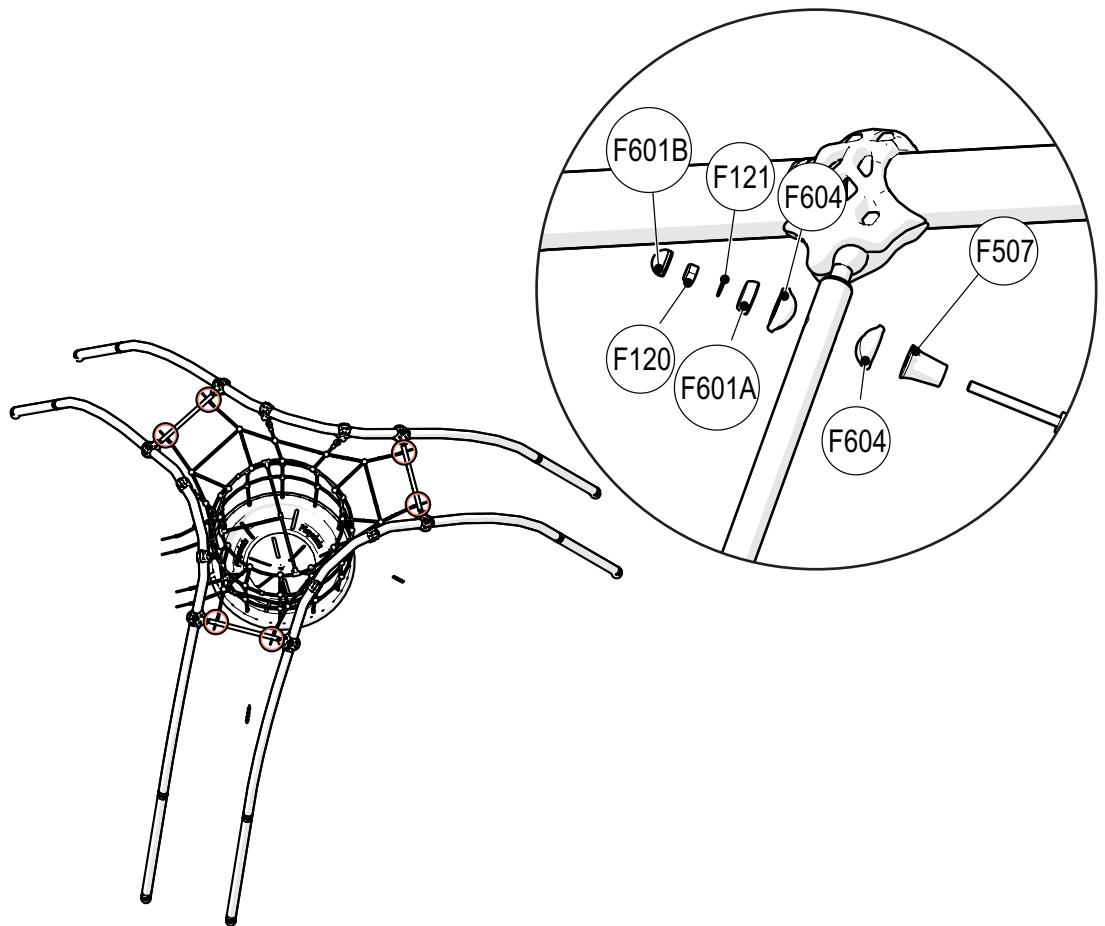
04

Refer to-

* General Installation A

**05**

F120	6
F121	6
F507	6
F601A	6
F601B	6
F604	12

 Torque to
10Nm

06

F213

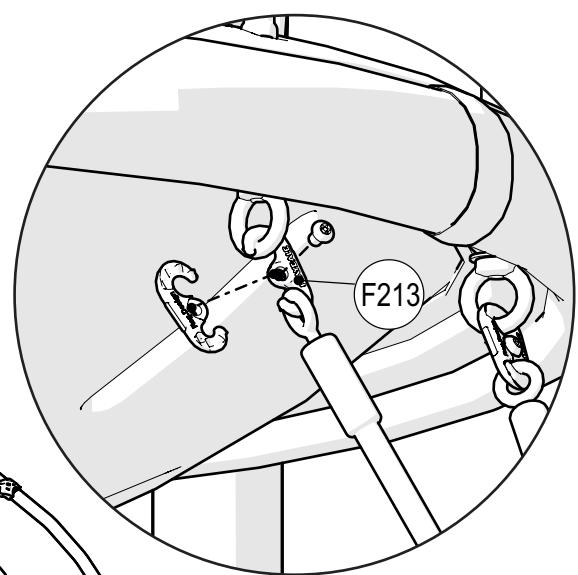
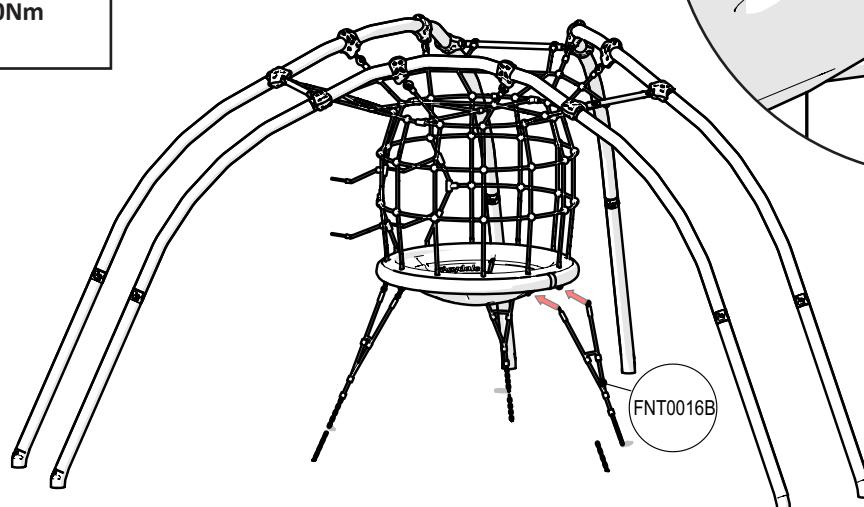
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FNT0016A

3



Torque to
10Nm



07

F789

3

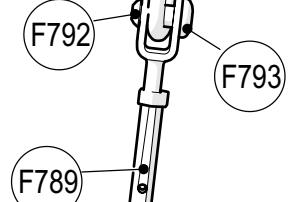
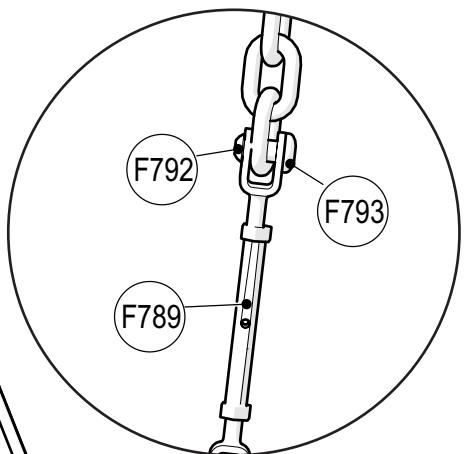
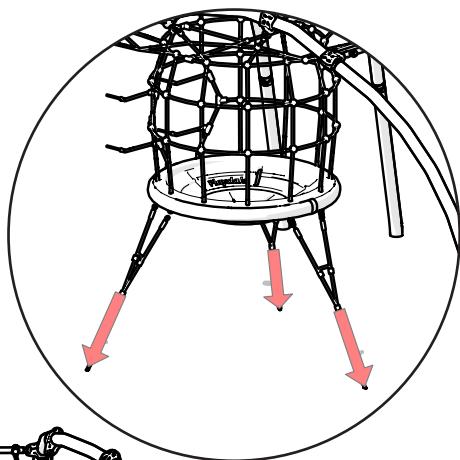
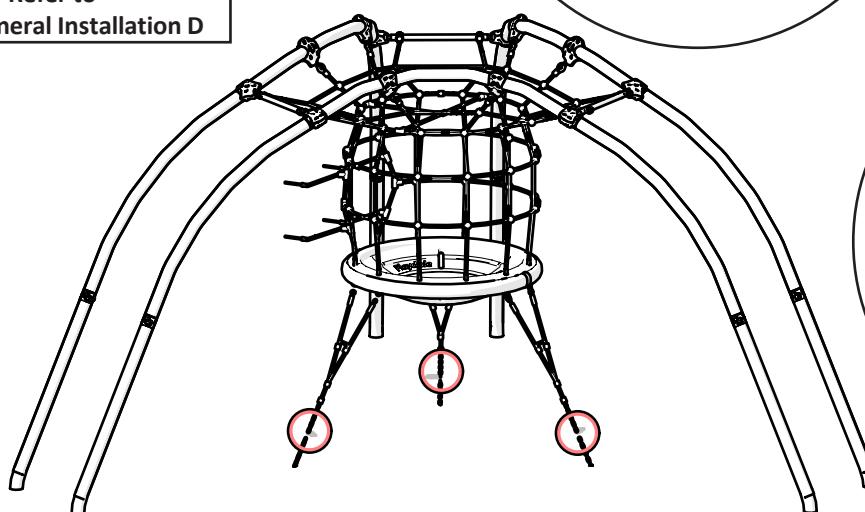
F792

6

F793

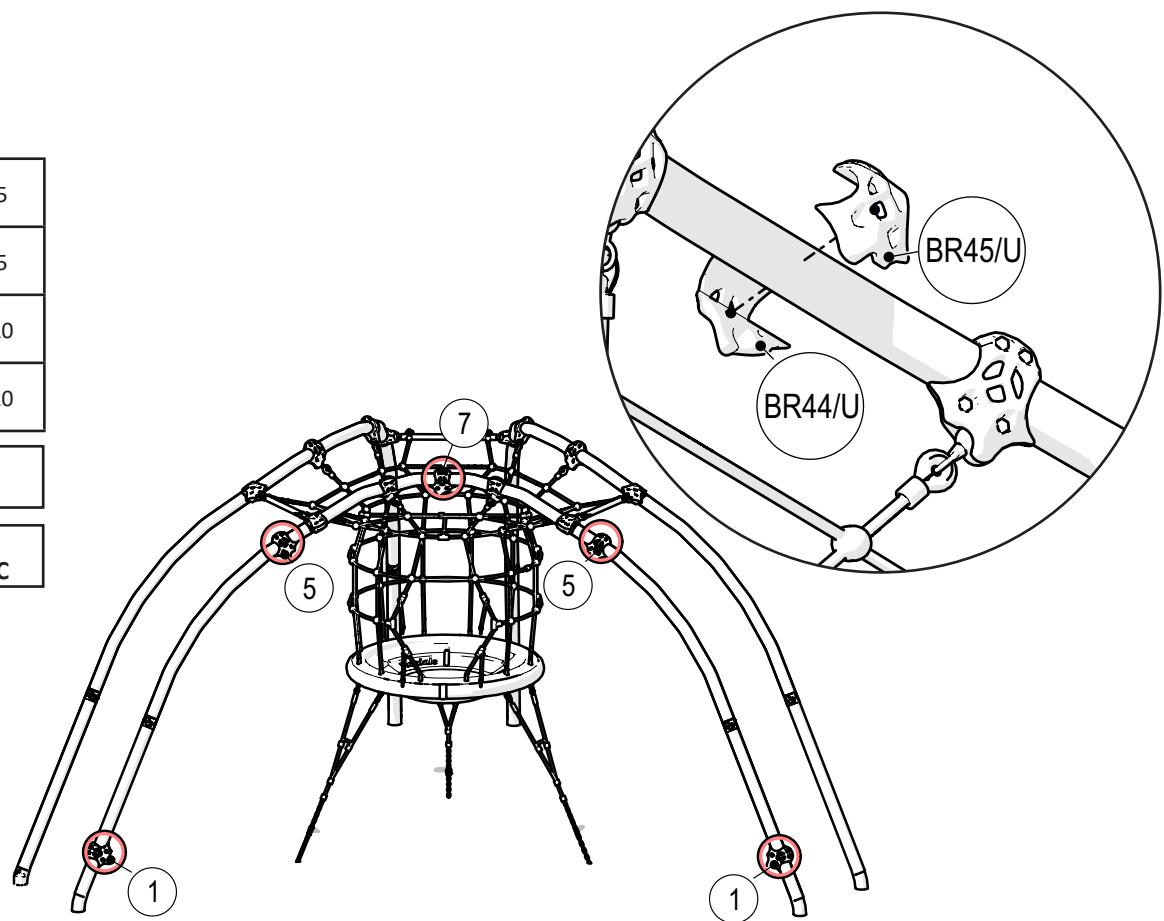
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Refer to-
**** General Installation D

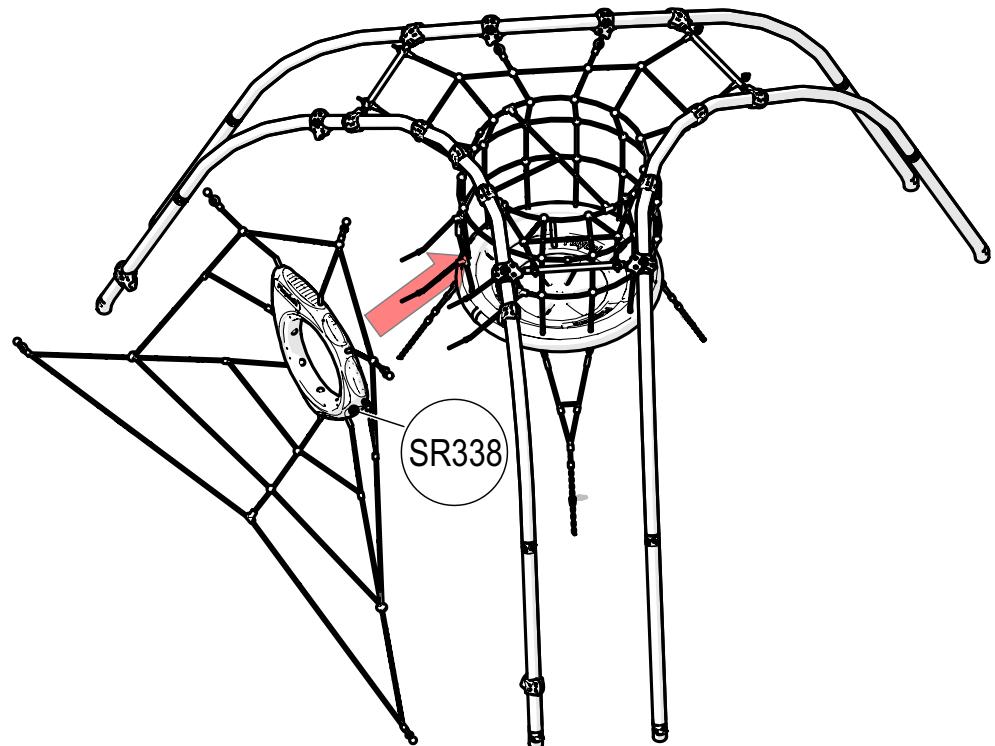


08

BR44/U	5
BR45/U	5
F419	20
F774	20

Refer to-
* General Installation ARefer to-
*** General Installation C**09**

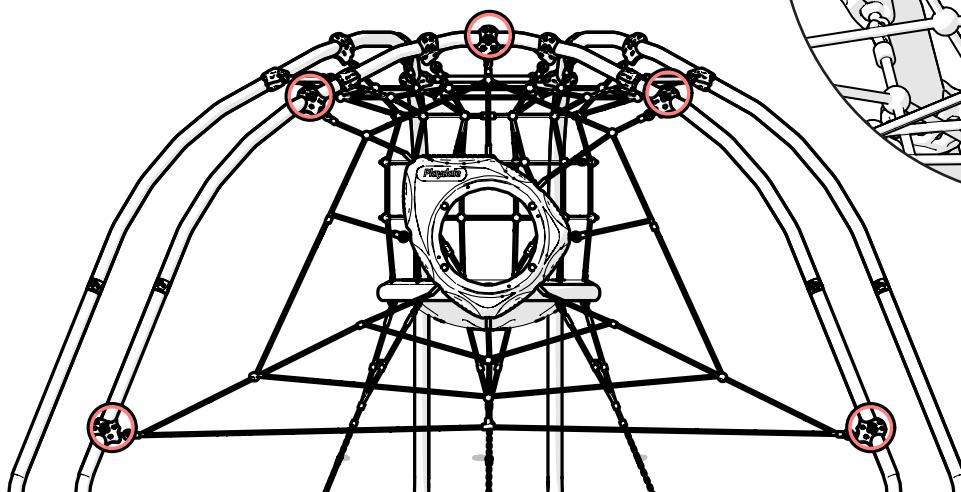
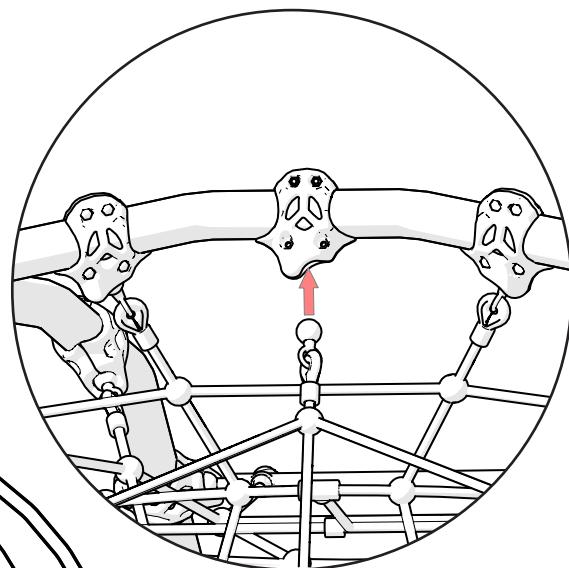
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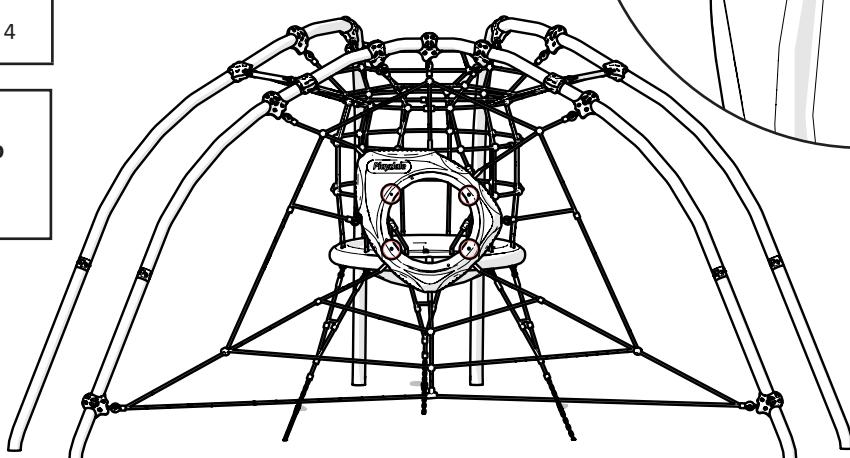
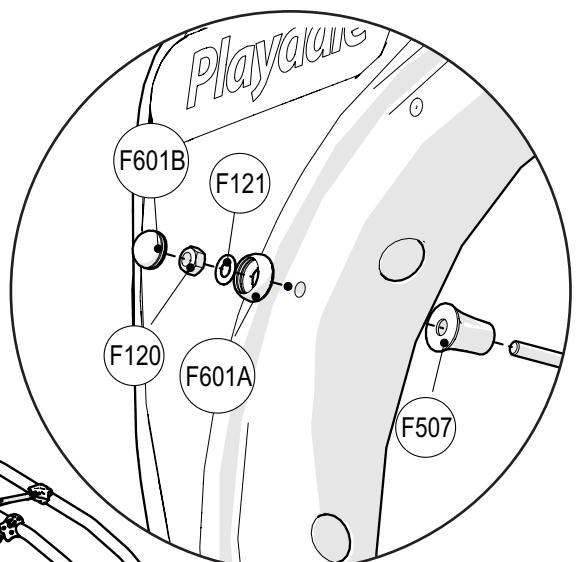
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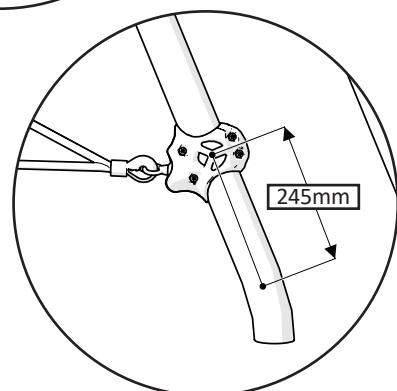
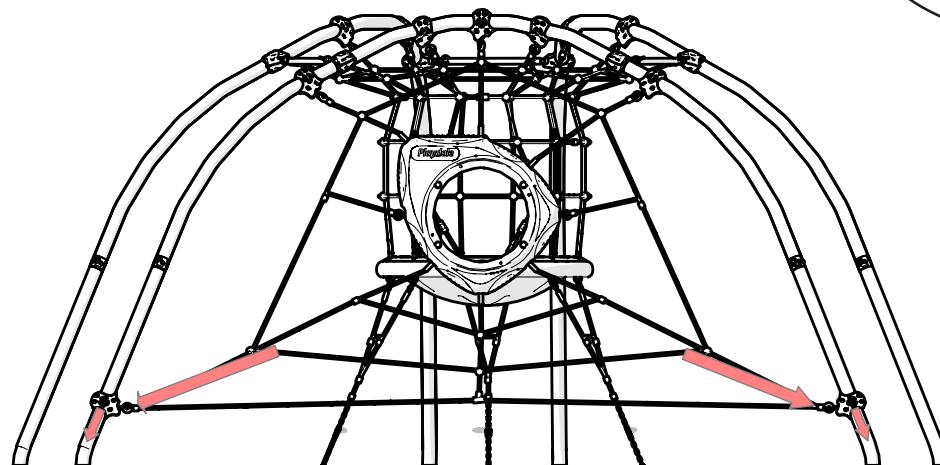
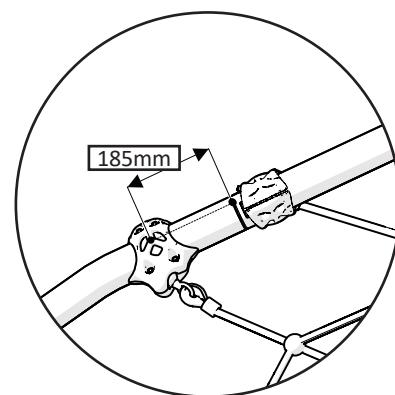
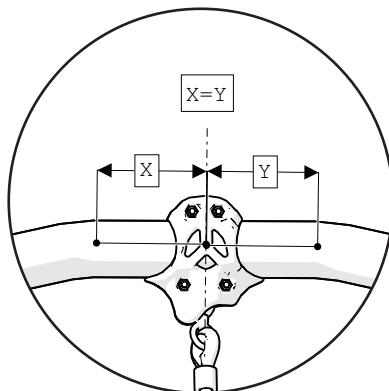
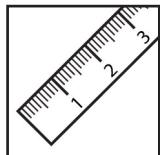
* General Installation A

**11**

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F121	4
F507	4
F601A	4
F601B	4

 Torque to
10Nm

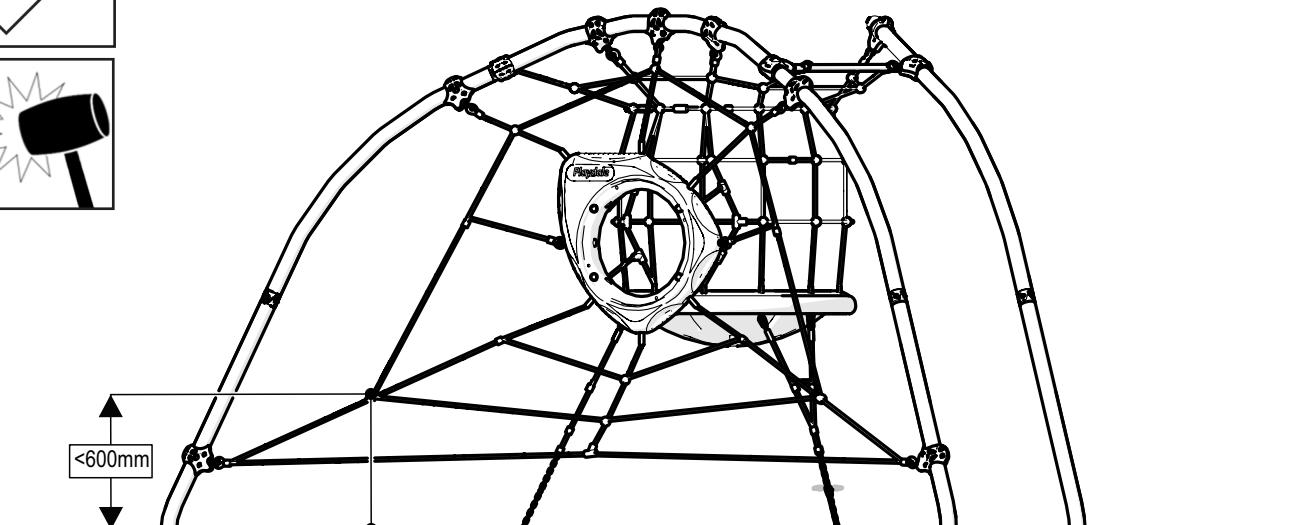
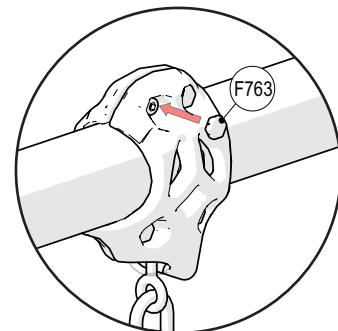
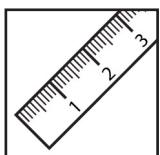
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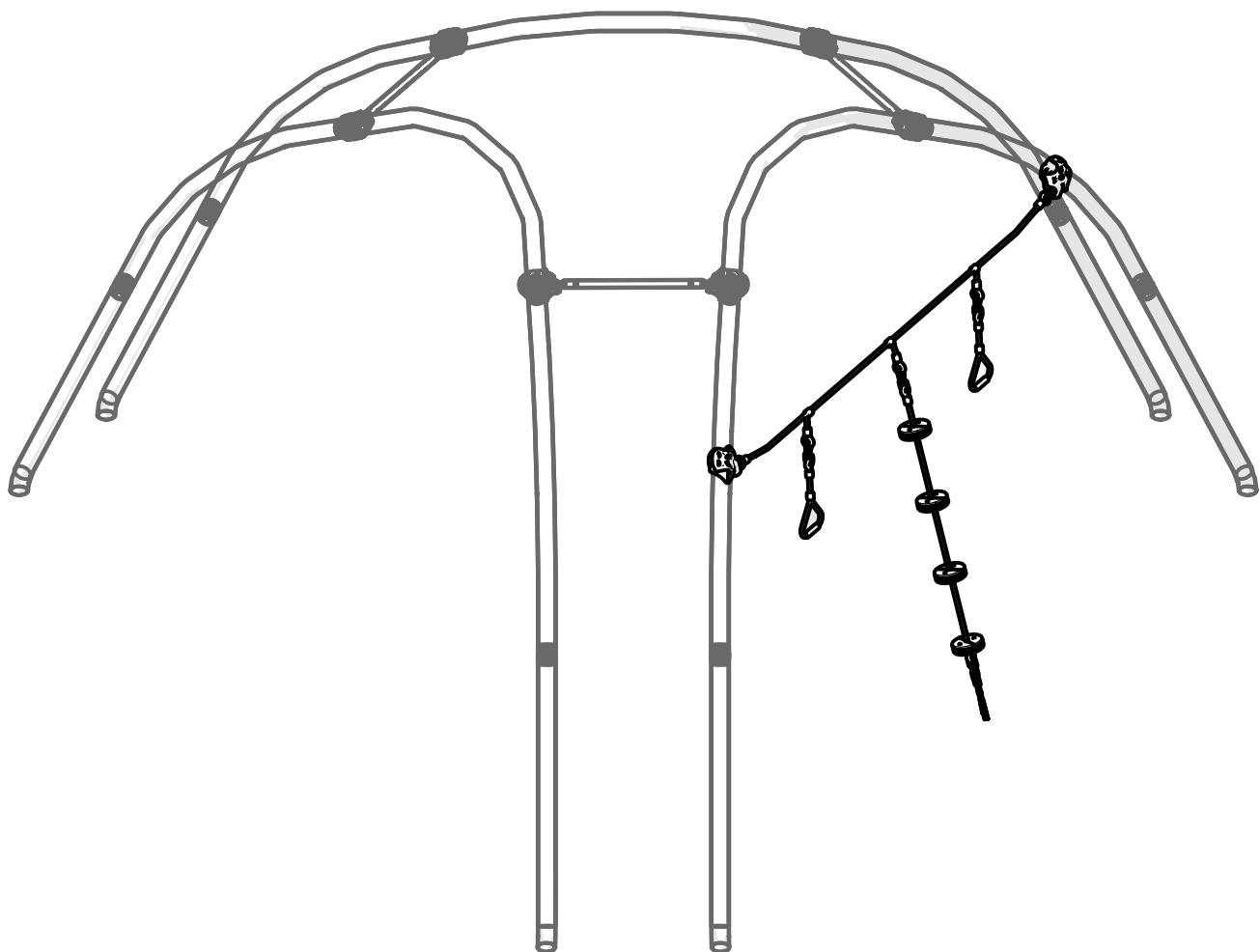


13

F763

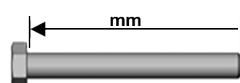
88





Components

Common Parts List			
Part	Qty	Image	Description
FNT0037	1		Swivel Traverse Assembly
BR44/U	2		Ball Joint T Clamp Half 1
BR45/U	2		Ball Joint T Clamp Half 2



Bolt length measured as diagram.

Kitting Pack (KT/FNT#0C01)			
Part	Qty	Image	Description
F213	1		Split Link Assembly Inc. Bolt
F419	8		M8 S/S Nylock Nut
F763	16		Hex Cap
F774	8		M8 X 30mm Socket Cap Screw

Steel Ground Fixed Additional Parts List

Part	Qty	Image	Description
CH79	1		Jc Rope Scrambler Grd Fix Chain

Surface Fixed Additional Parts List

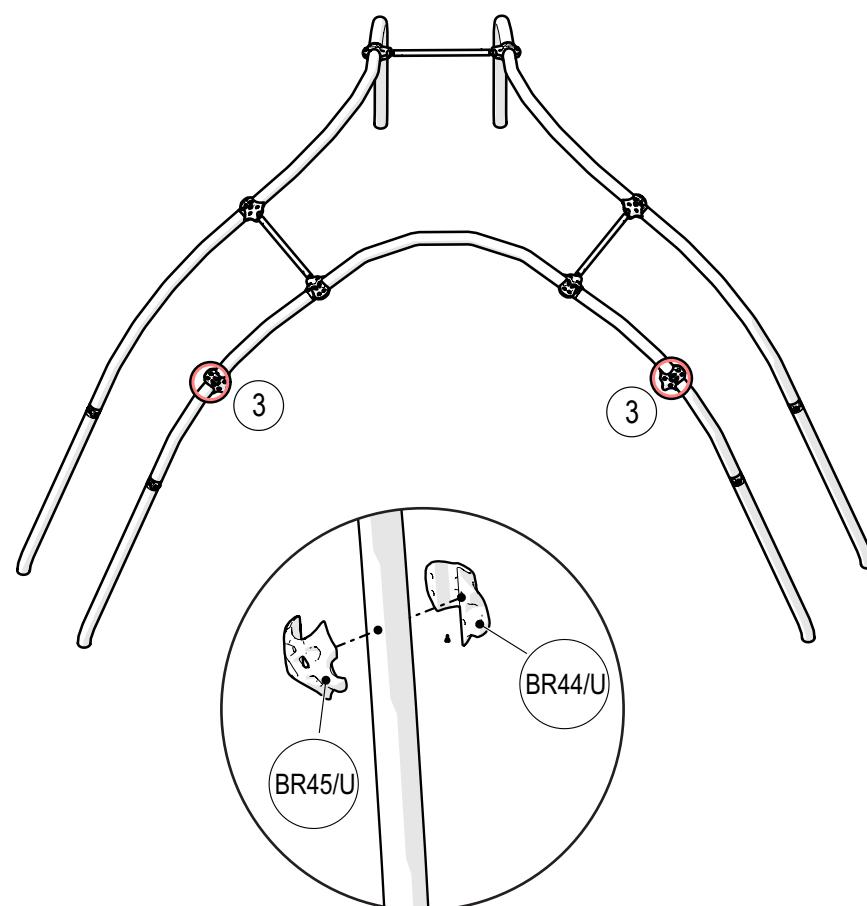
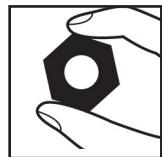
Part	Qty	Image	Description
SF79	1		Tunnel Net SF Bracket

01

BR44/U	2
BR45/U	2
F419	8
F774	8

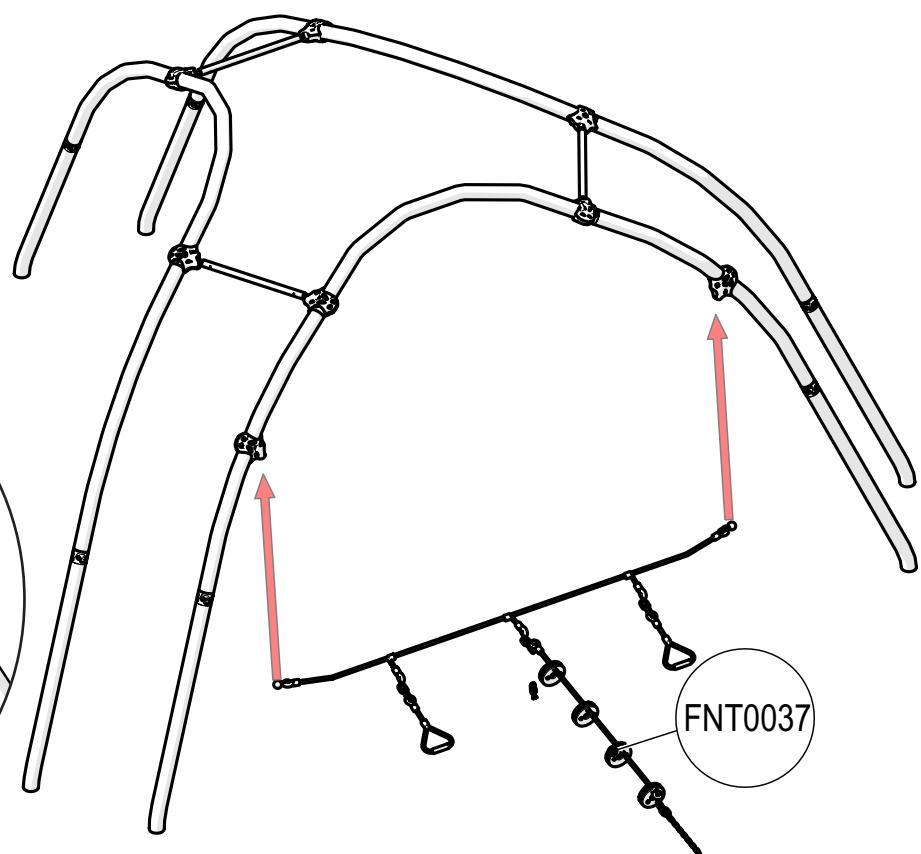
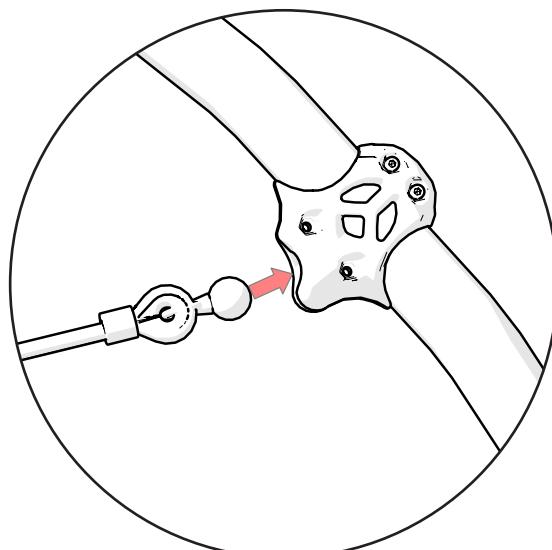
Refer to-
* General Installation A

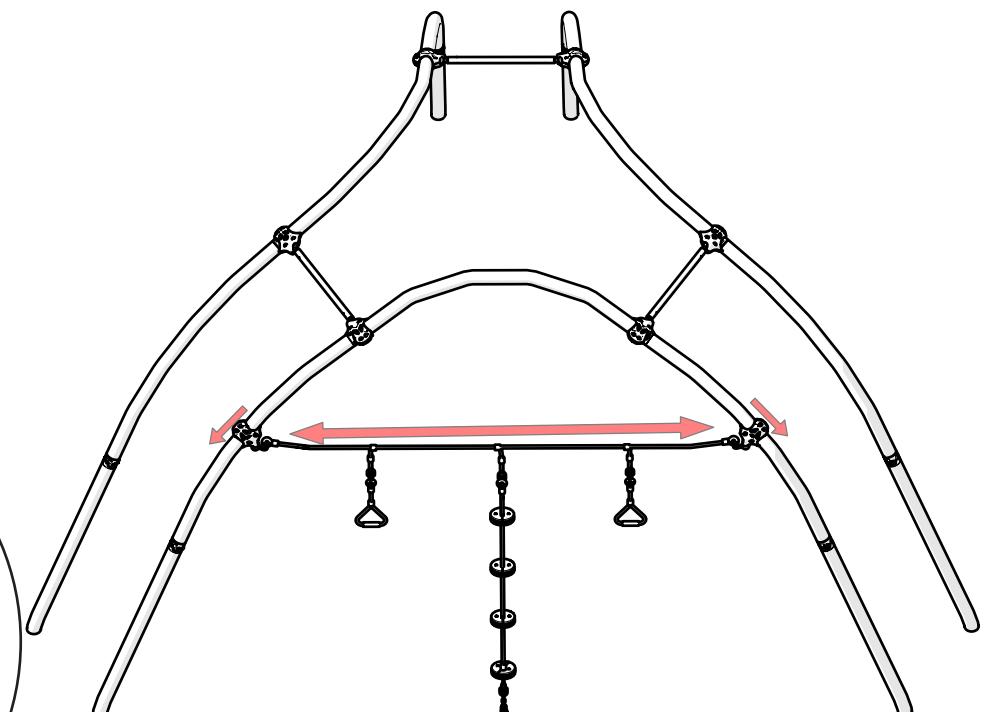
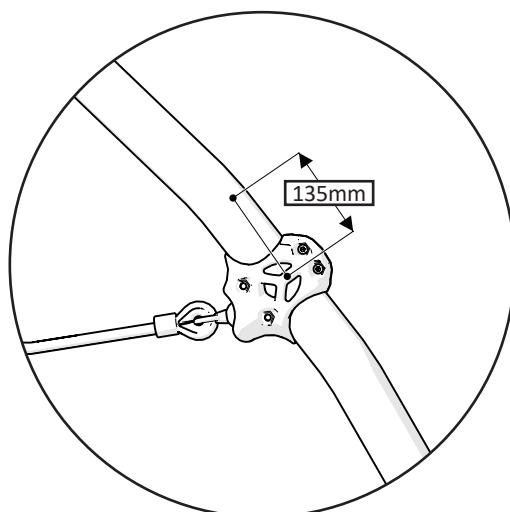
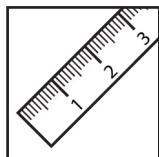
Refer to-
*** General Installation C

**02**

FNT0037	1
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Refer to-
* General Installation A



03**04**

CH79

1

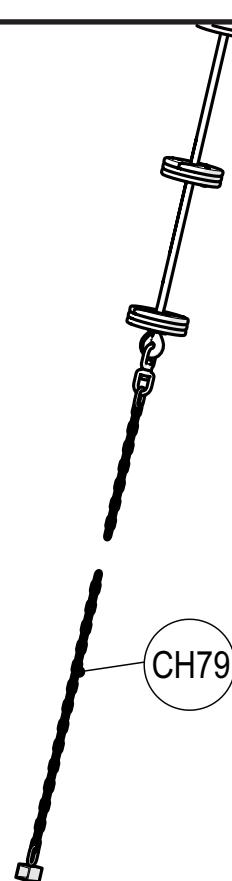
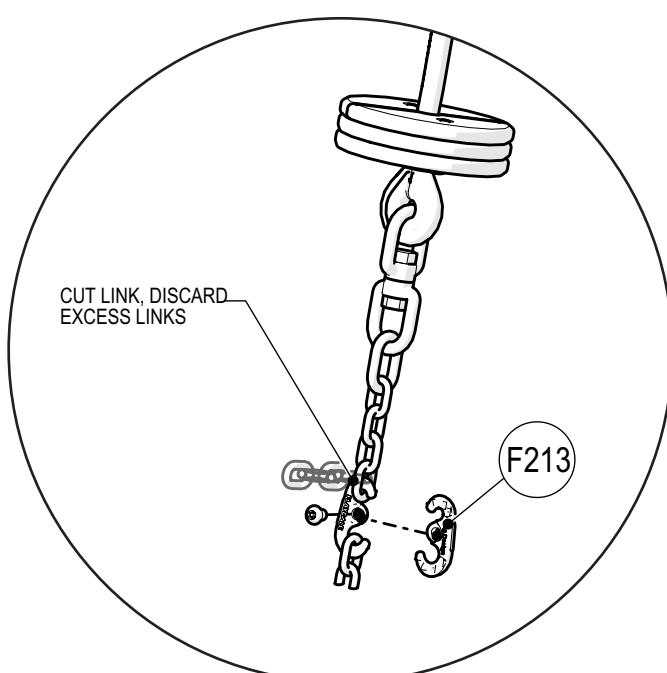
F213

1

Torque to
10NmCUT LINK, DISCARD
EXCESS LINKS

F213

CH79



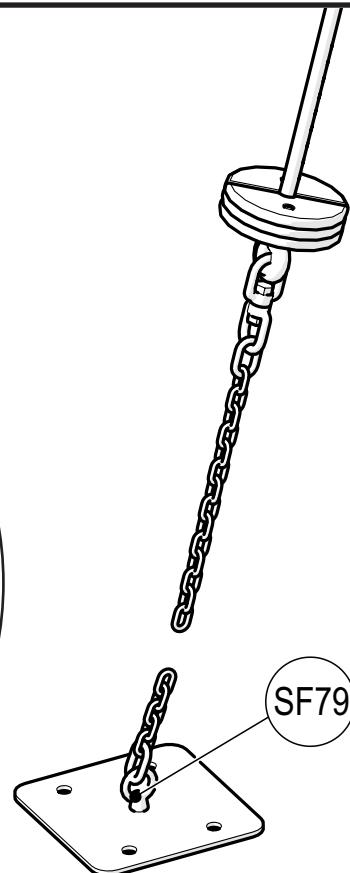
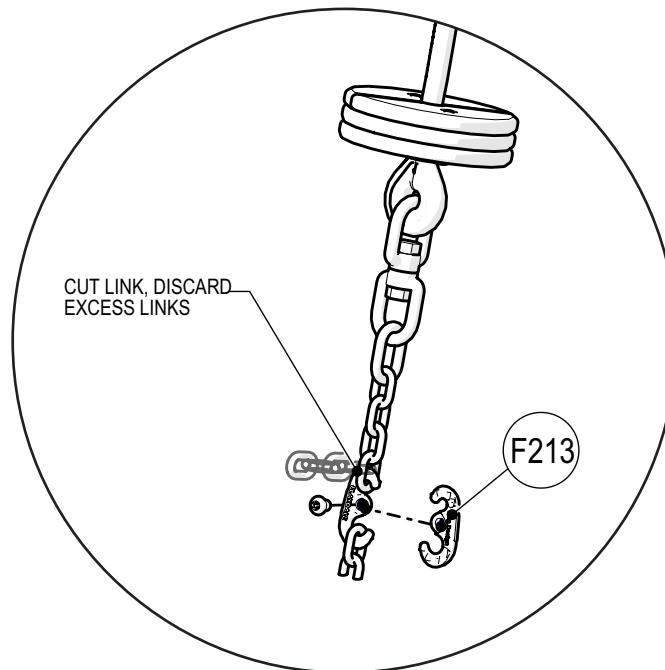
04 SF

SF79

1

F213

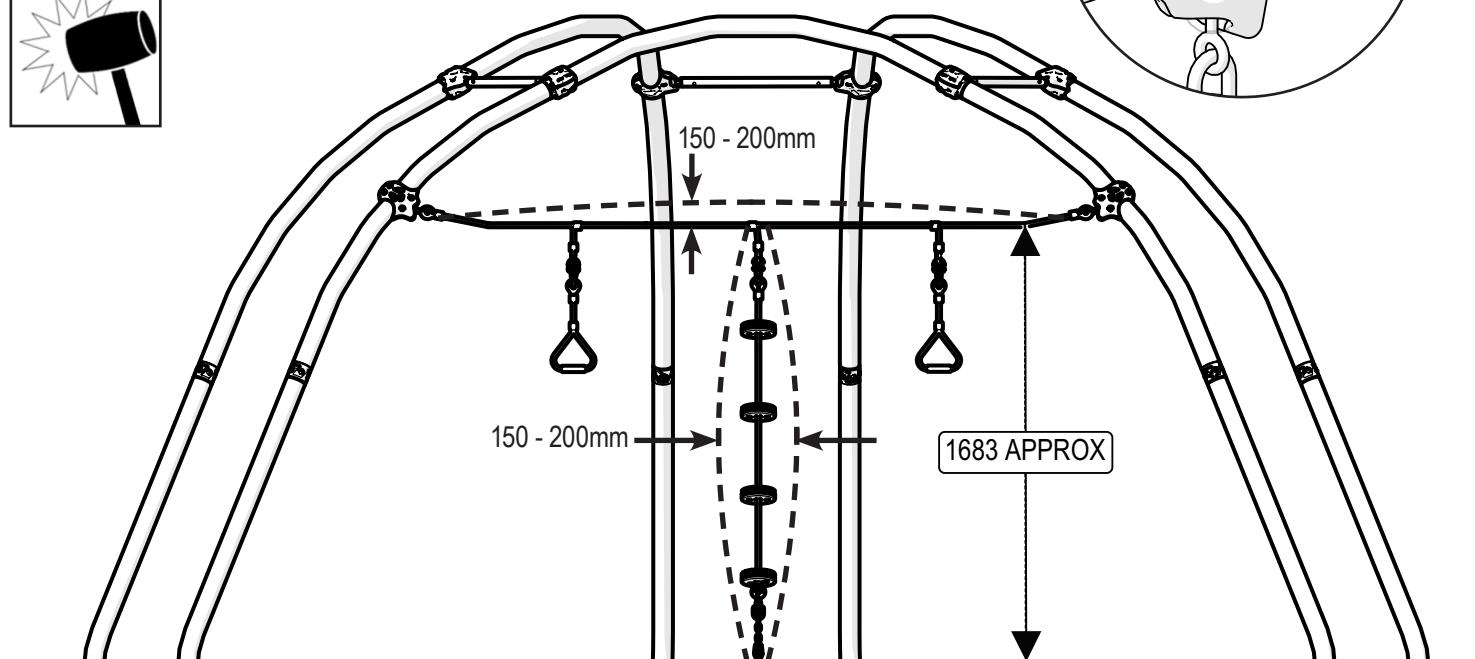
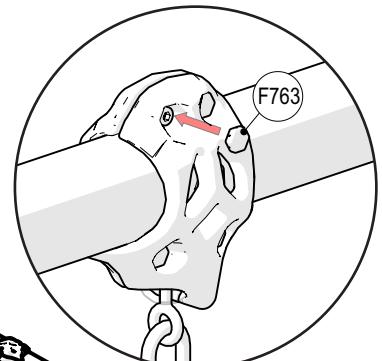
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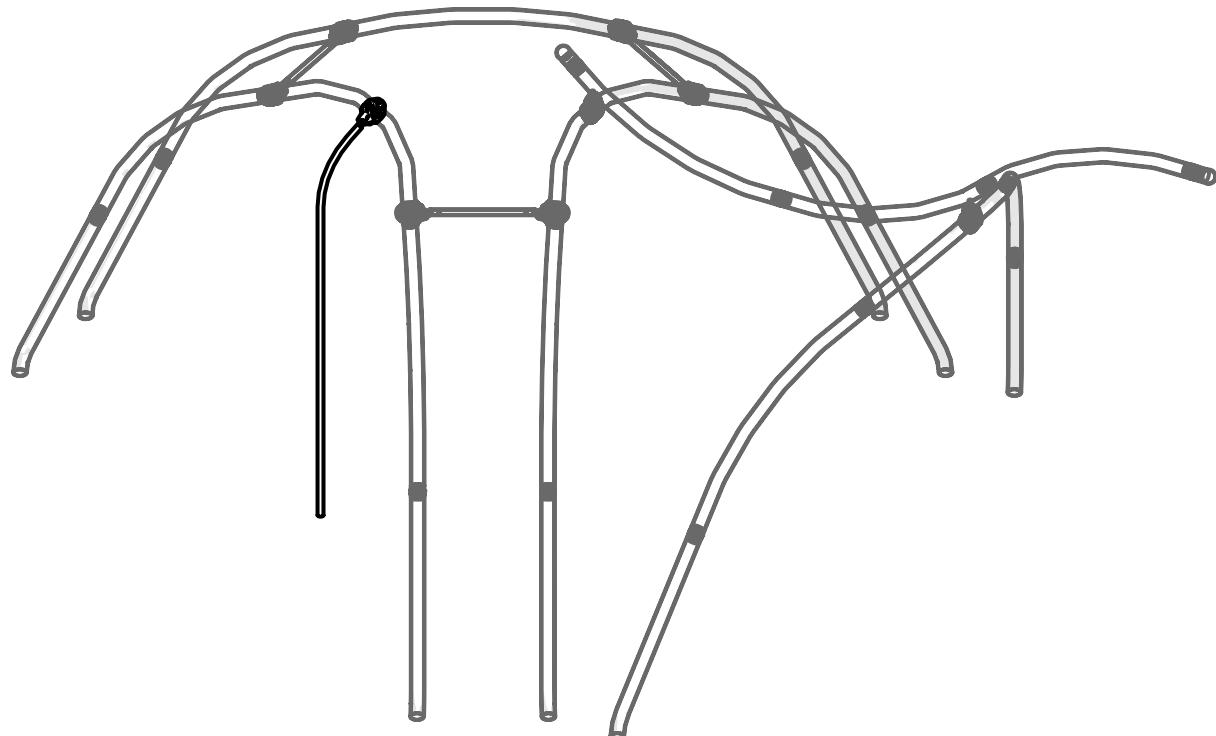
Torque to
10Nm

05

F763

16

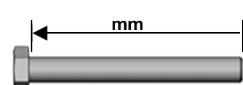




Components

Common Parts List			
Part	Qty	Image	Description
FNT0009	1		Firemans Pole (Curved) - Tube Assembly
BR44/U	1		Ball Joint T Clamp Half 1
BR45/U	1		Ball Joint T Clamp Half 2

Surface Fixed Additional Parts List			
Part	Qty	Image	Description
SG72	1		Jukebox Plus 33mm Pipe SF Assembly



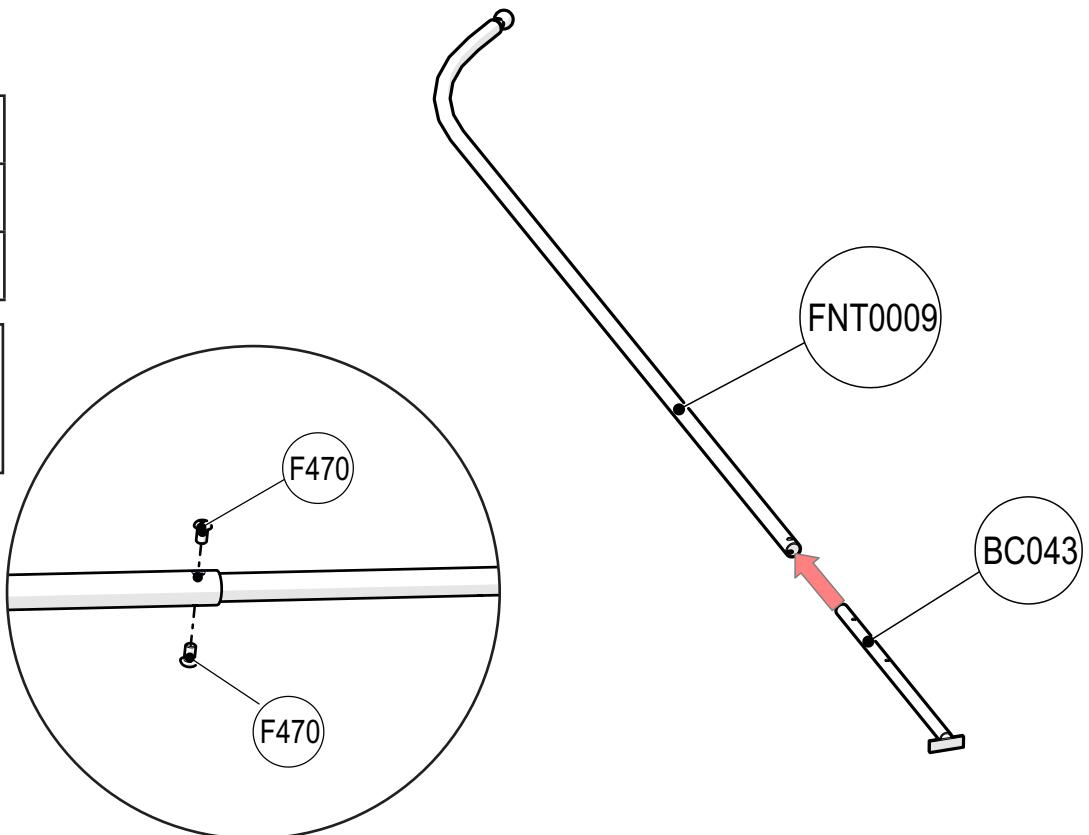
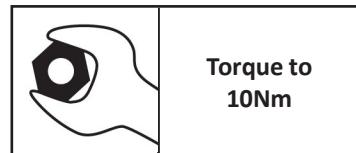
Bolt length measured as diagram.

Kitting Pack (KT/FNT#0A01)			
Part	Qty	Image	Description
F470	2		M10 X16MM SECURITY BOLT
F419	4		M8 S/S Nylock Nut
F763	8		Hex Cap
F774	4		M8 X 30mm Socket Cap Screw

Steel Ground Fixed Additional Parts List			
Part	Qty	Image	Description
BC043	1		33mm PIPE ADJUSTABLE SGF

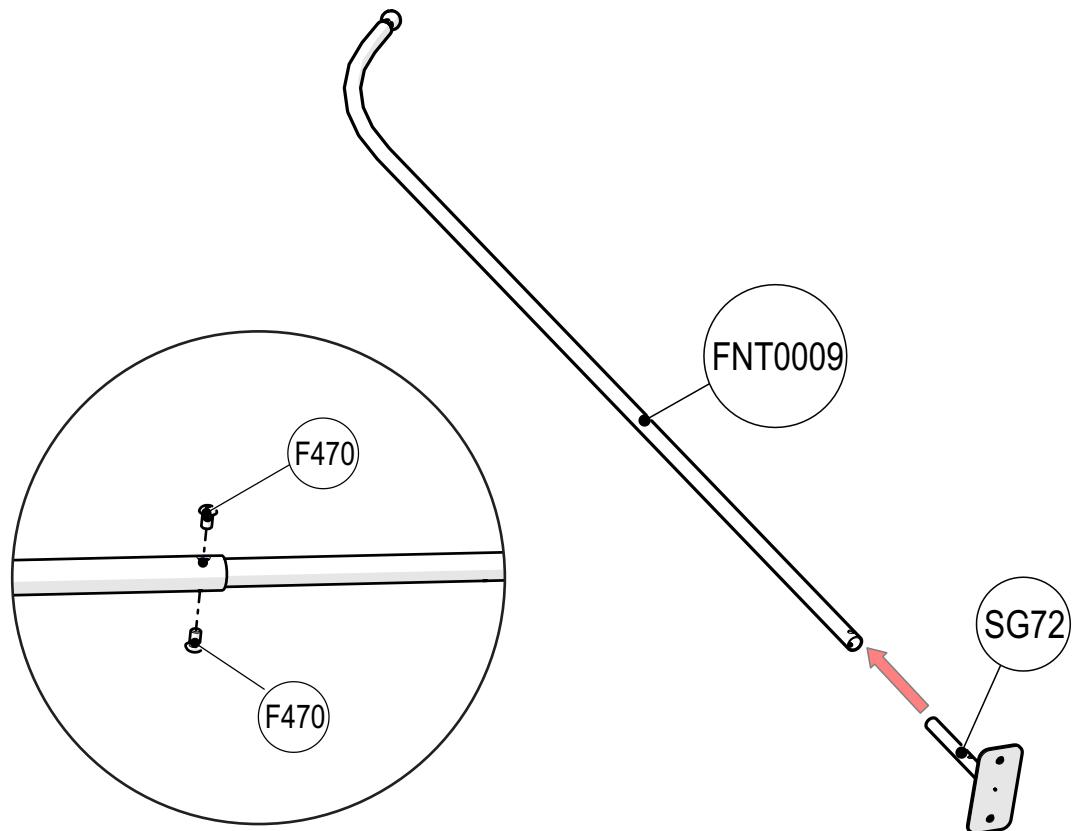
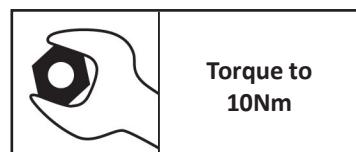
01

FNT0009	1
BC043	1
F470	2



01 SF

FNT0009	1
SG72	1
F470	2

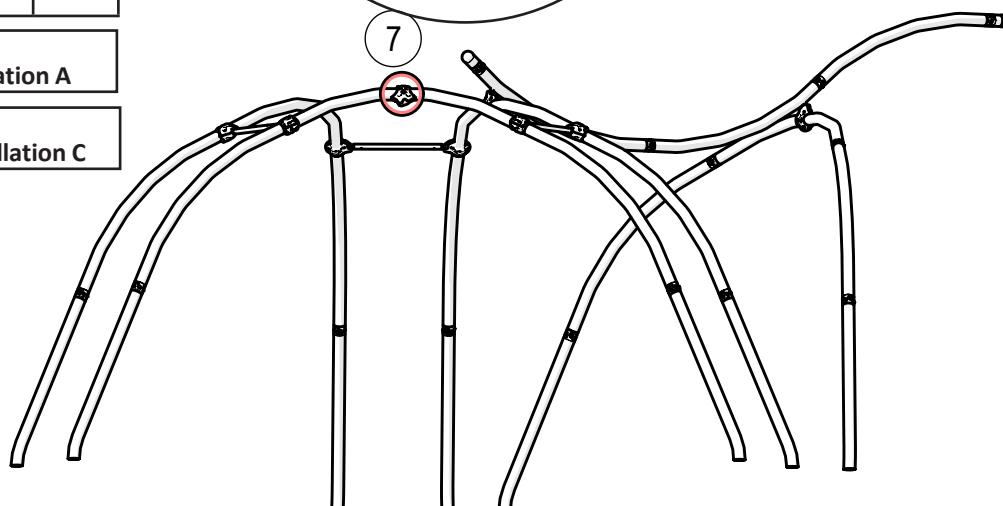
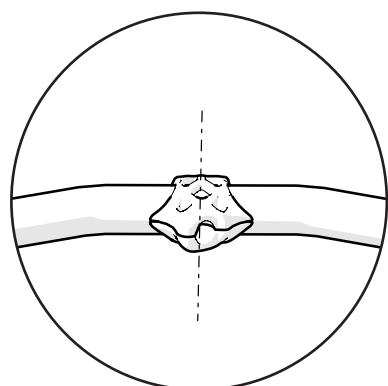
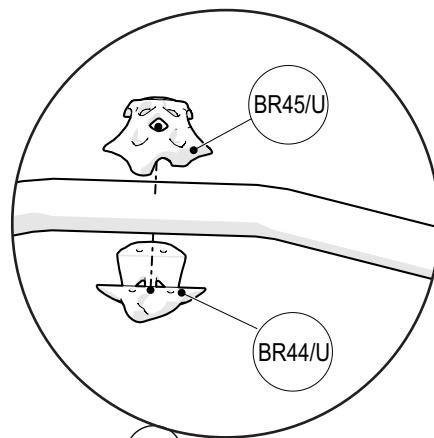
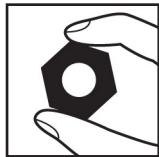


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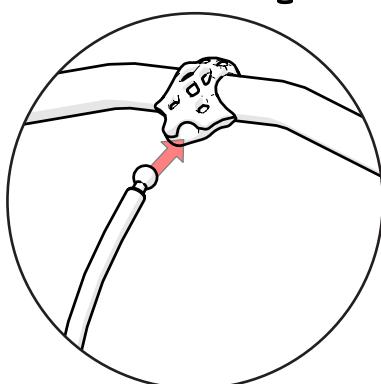
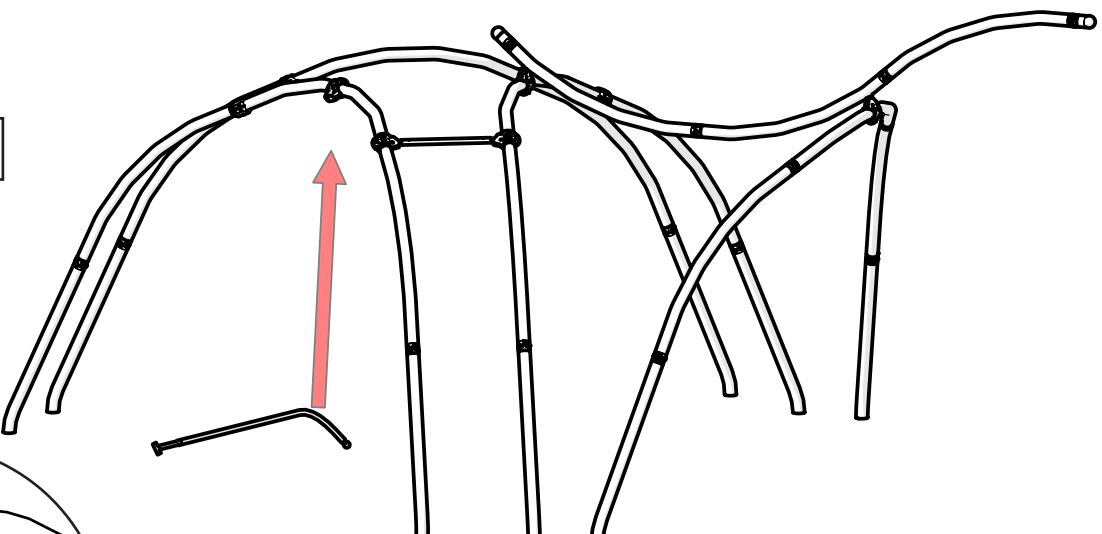
BR44/U	1
BR45/U	1
F419	4
F774	4

Refer to-
* General Installation A

Refer to-
*** General Installation C

**03**

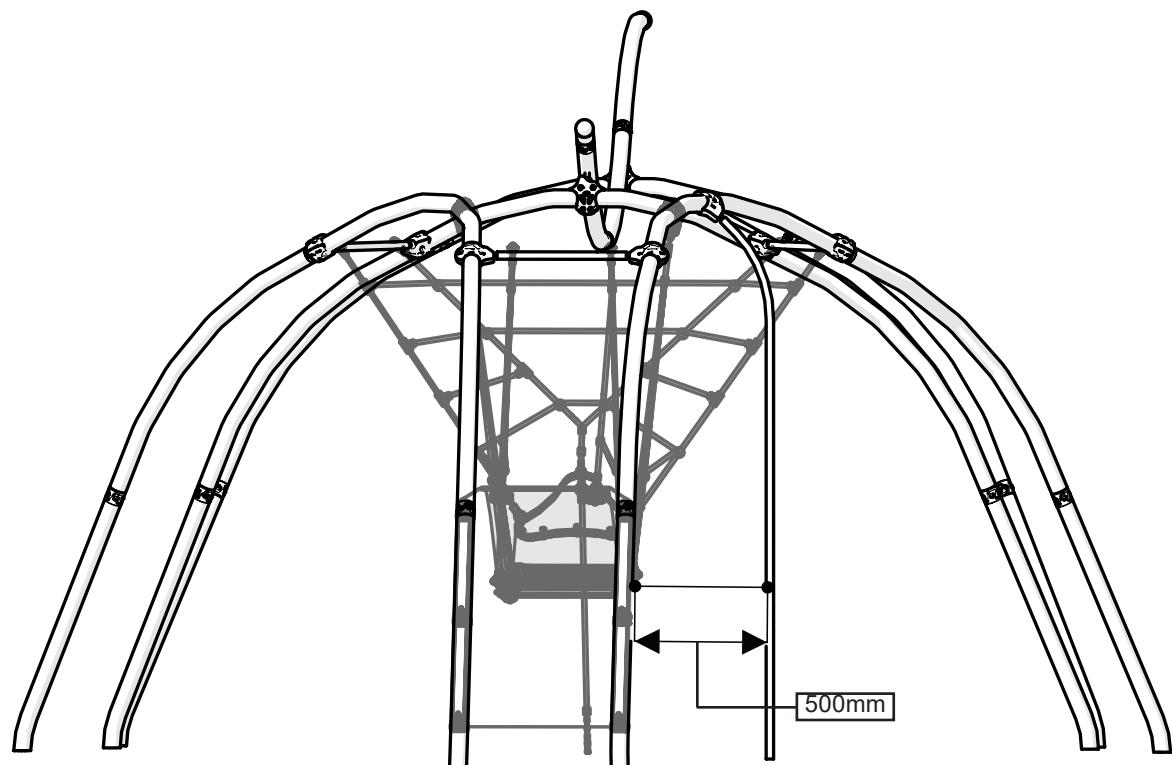
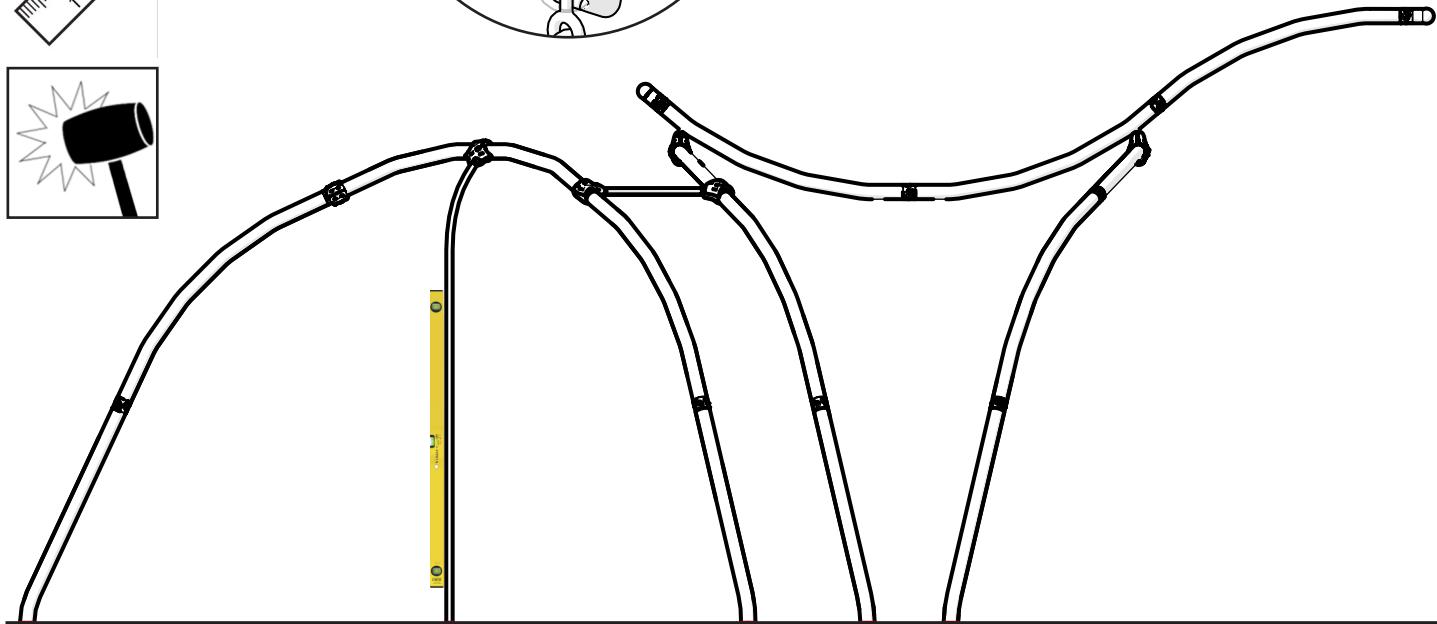
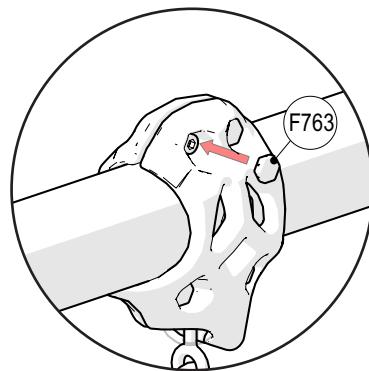
Refer to-
* General Installation A

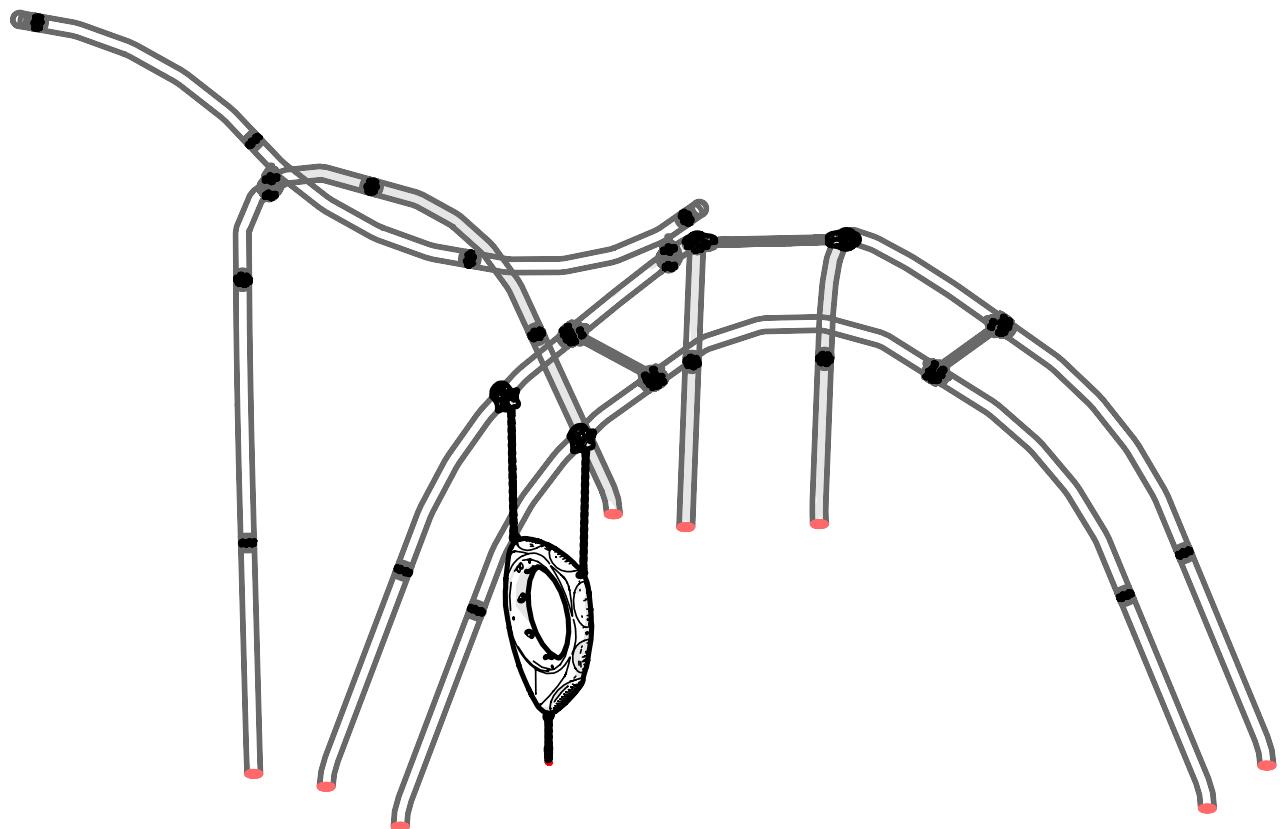


04

F763

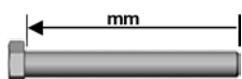
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Components

Common Parts List			
Part	Qty	Image	Description
FNT0036	1		Climbing Ring Chain Assembly
BR44/U	2		Ball Joint T Clamp Half 1
BR45/U	2		Ball Joint T Clamp Half 2



Bolt length measured as diagram.

Kitting Pack (KT/FNT#0D01)			
Part	Qty	Image	Description
F213	1		Split Link Assembly Inc. Bolt
F419	8		M8 S/S Nylock Nut
F763	16		Hex Cap
F774	8		M8 X 30mm Socket Cap Screw

Steel Ground Fixed Additional Parts List

Part	Qty	Image	Description
CH79	1		Jc Rope Scrambler Grd Fix Chain

Surface Fixed Additional Parts List

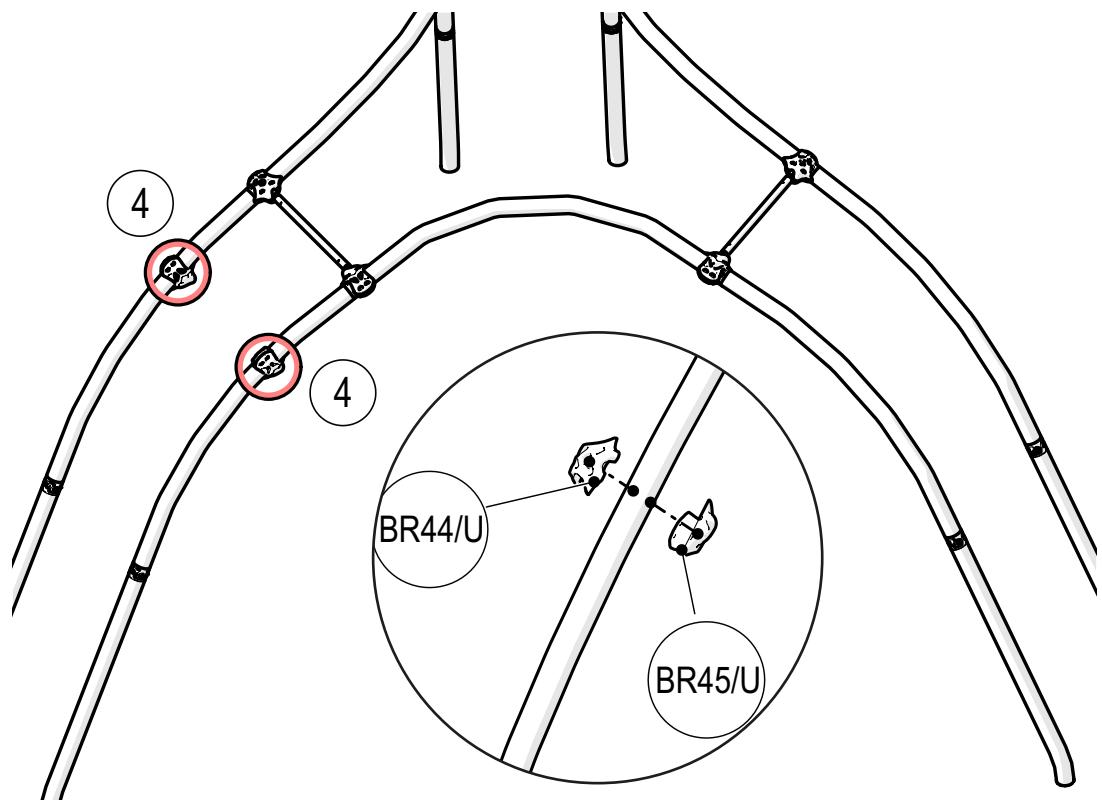
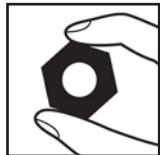
Part	Qty	Image	Description
SF79	1		Tunnel Net SF Bracket

01

BR44/U	2
BR45/U	2
F419	8
F774	8

Refer to-
* General Installation A

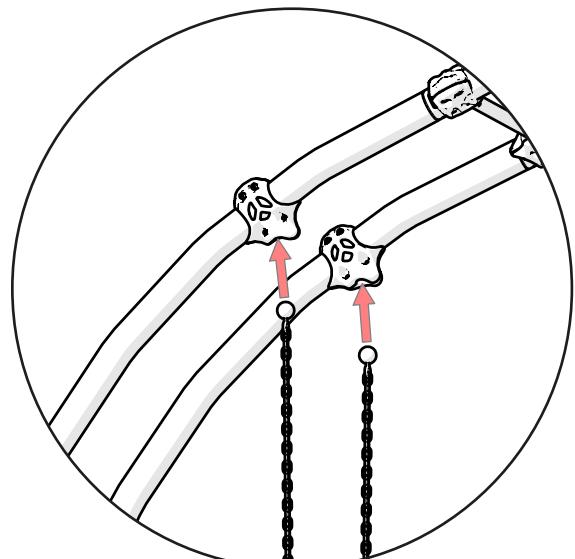
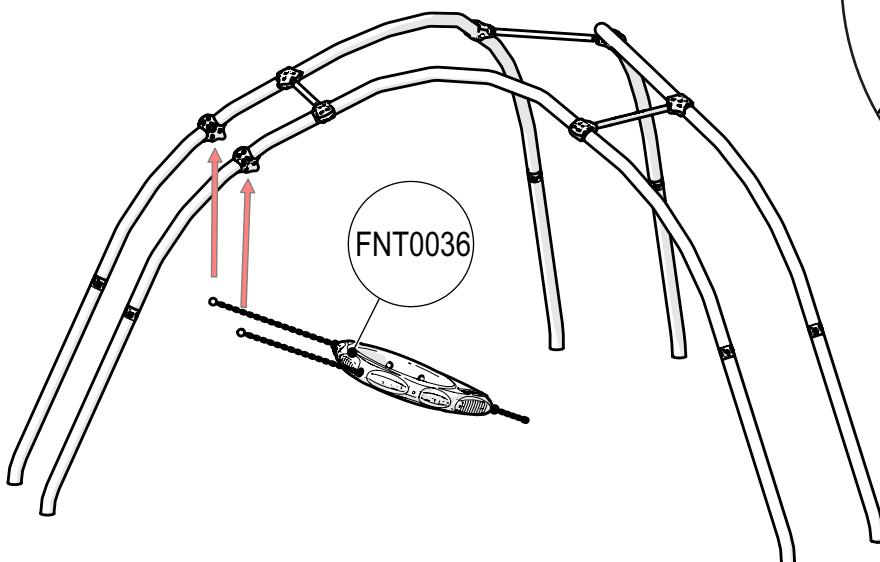
Refer to-
*** General Installation C



02

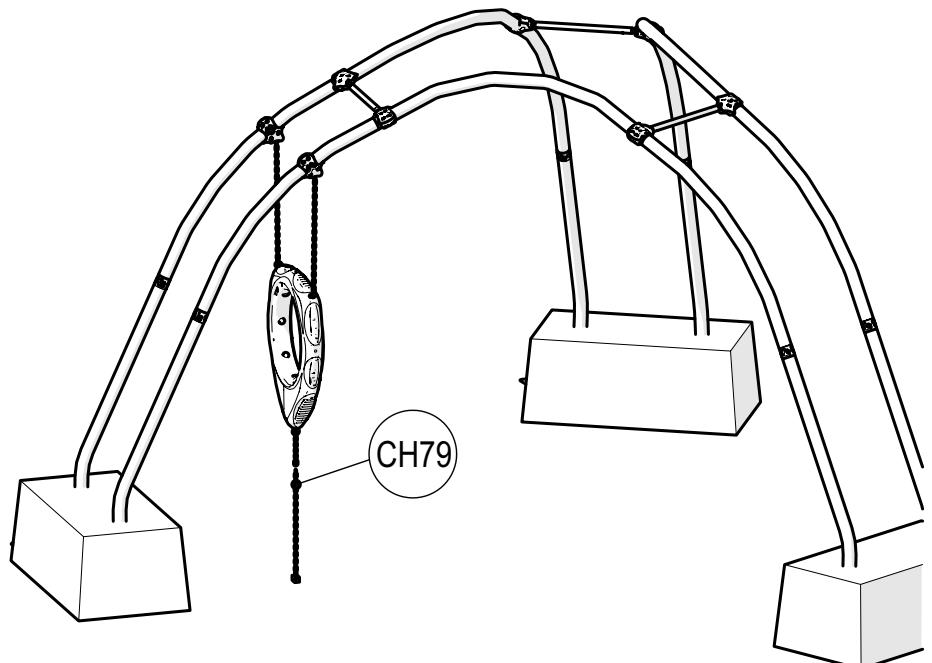
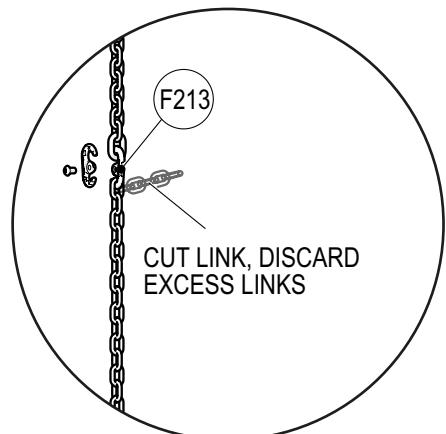
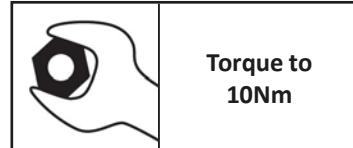
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Refer to-
* General Installation A



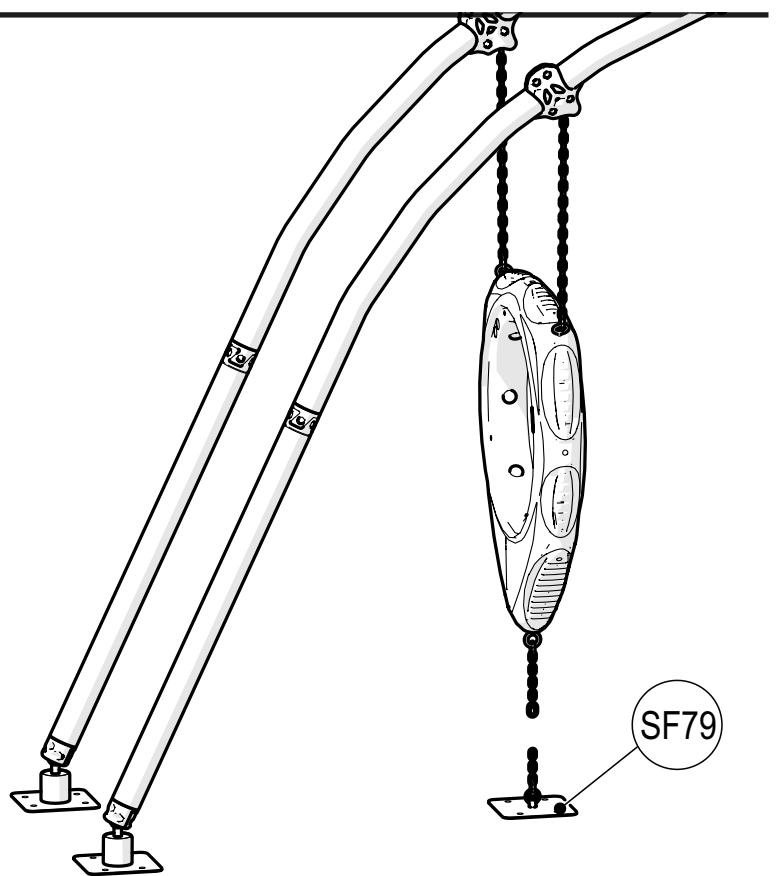
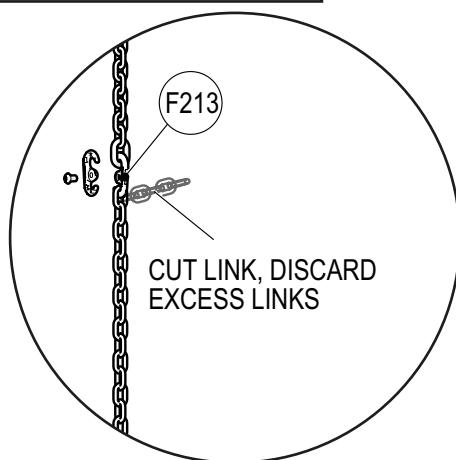
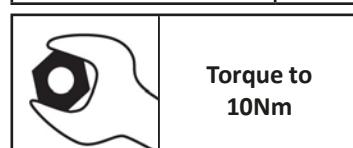
03

CH79	1
F213	1



03 SF

SF79	1
F213	1



04

F763

16

