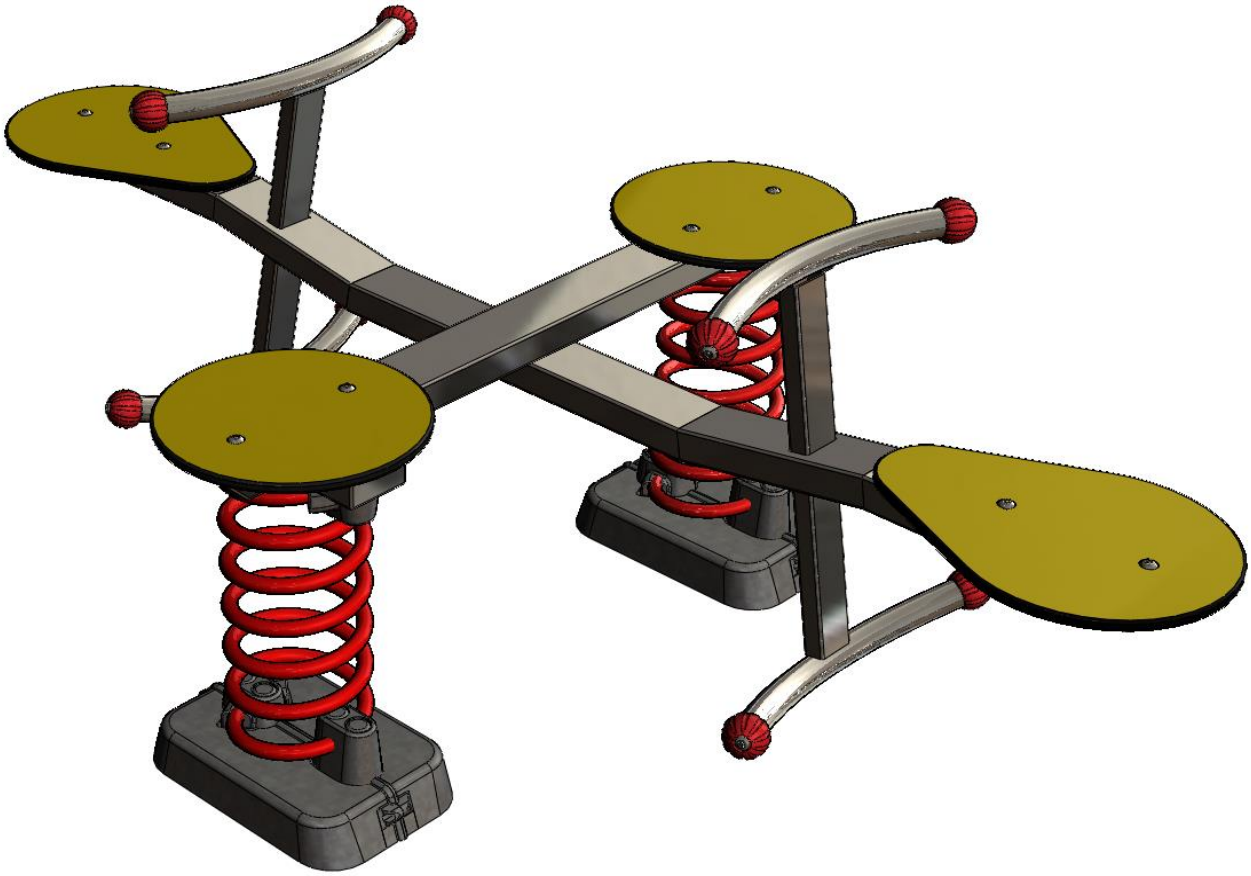
INSTALLATION INSTRUCTION	City Quad Rider	Ref No. CQRD	Iss No. 04



UNIT SPECIFICATION

Equipment Dimensions	1.8m x 1.1m x 0.8m
FHF	0.9m
Overall Weight	50kg
Heaviest Part	26kg (CQRD(A))
Largest Part	1.8m x 1.0m x 0.5m (CQRD(A))
Longest Part	1.8m (CQRD(A))
Concrete Required	0.3m³
Construction Space	5.5m x 4.8m x 2.0m
Manpower Required	1
Estimated Time	3 hrs

mm

Bolt length measured as diagram.

COMMON PARTS LIST

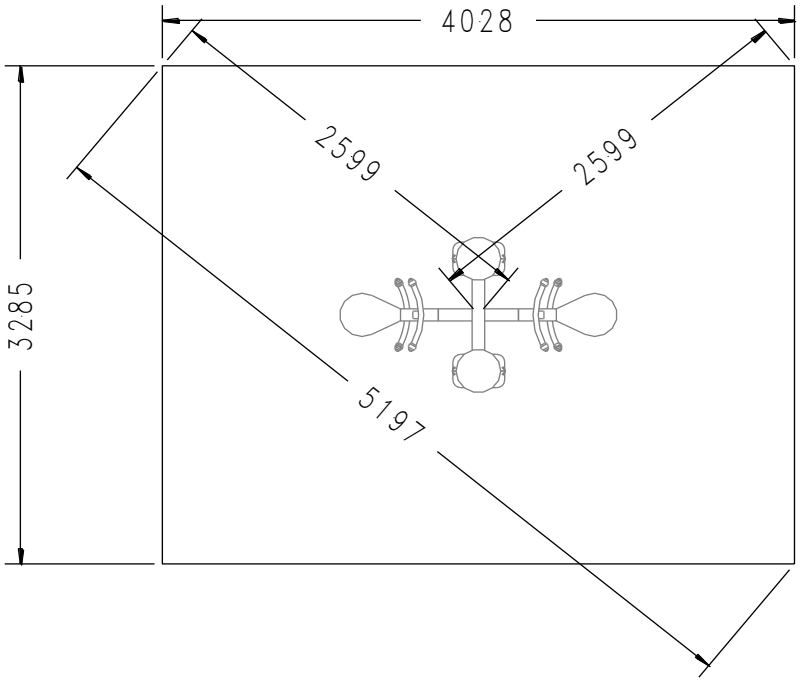
Part	Qty	Image	Description
CQRD(A)	1		City Quad Rider Body
CQRD002	2		CGL Side Seat
CSP01K	2		Spring Assembly Coil
F482	4		M10 x 65mm Security Bolt
F601A	4		Plastic Dome Cap Washer
F601B	4		Plastic Dome Cap
F121	4		M10 Washer 21 OD
F120	4		M10 Nylock Nut

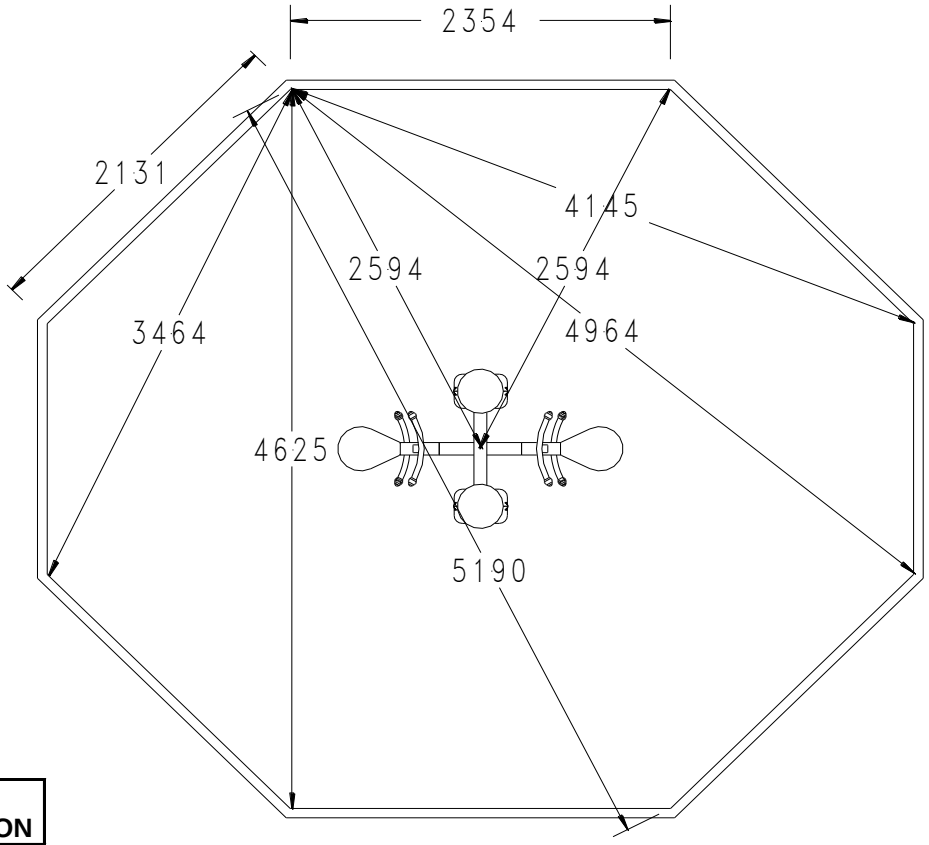
ADDITIONAL SURFACE FIXED PARTS LIST

Part	Qty	Image	Description
SPRX5	4		Surface Fix Plate

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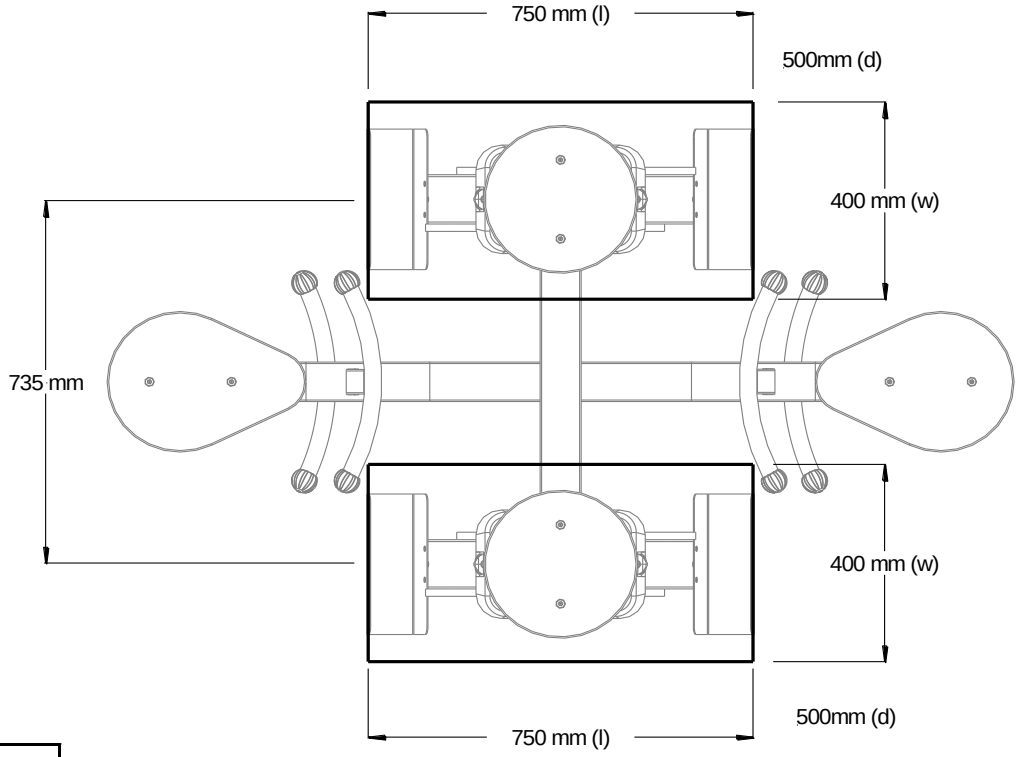
SURFACING SPECIFICATION	
Finished Gradient	1 in 20 max
f.h.f.	0.9m
Impact Area	13.23m²
Impact Area Perimeter	15m
Loosefill Area	20.2m²
Loosefill Area Perimeter	17m

NOT TO SCALE

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Standard Foundation Plan

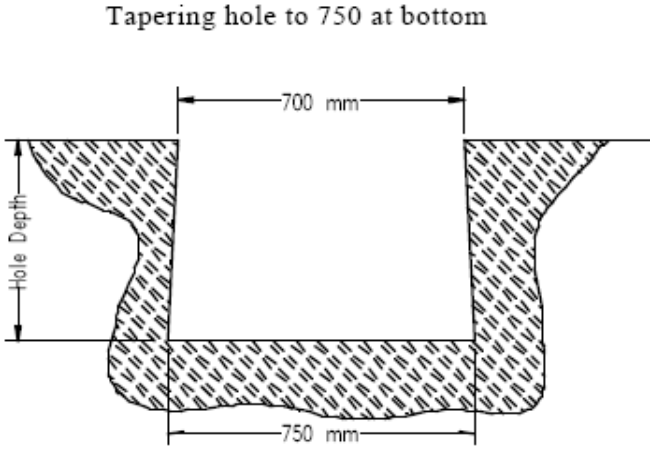


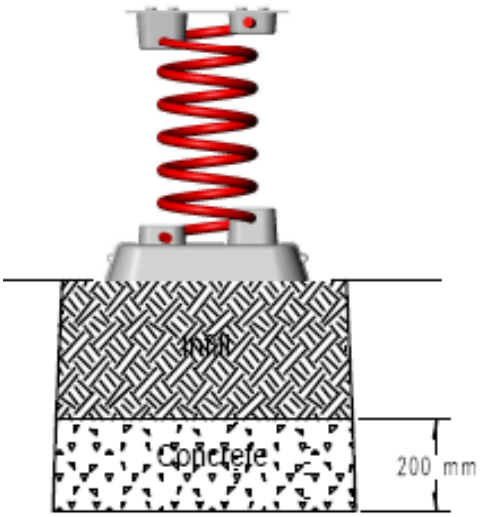
Concrete Required	0.3m³

NOT TO SCALE

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

Standard Foundation Detail





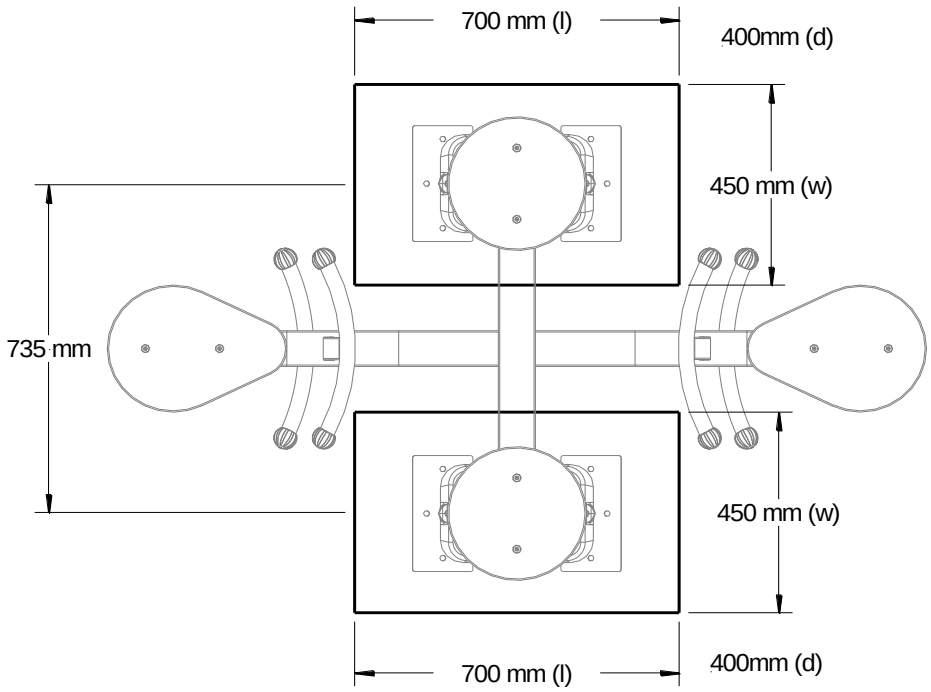
NOT TO SCALE

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%.

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INSTALLATION INSTRUCTION	City Quad Rider	Ref No. CQRD	Iss No. 04

Surface Fixed Foundation Detail



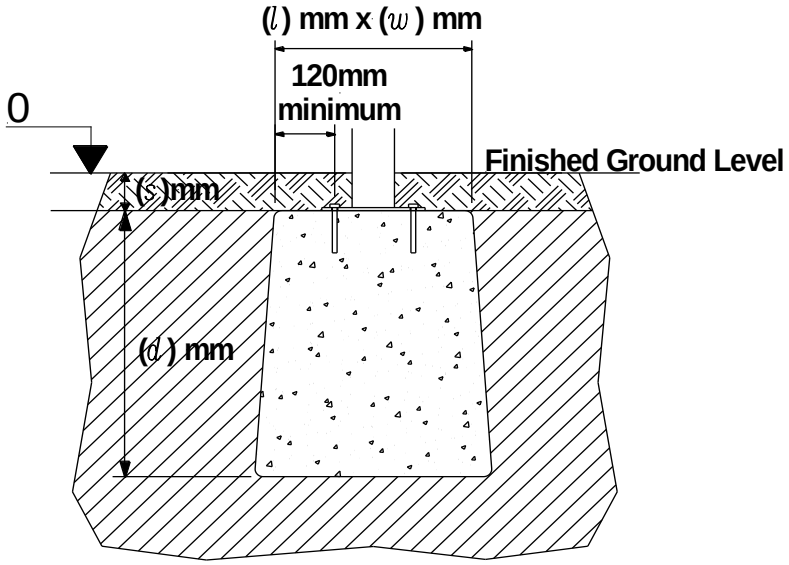
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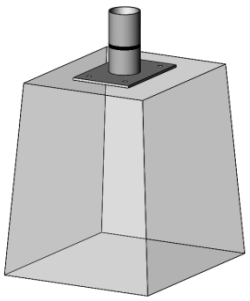
Concrete Required	0.25m³

Nominal Surfacing Depth (s) = 30mm
(Allowance 30 - 60mm)

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





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%.

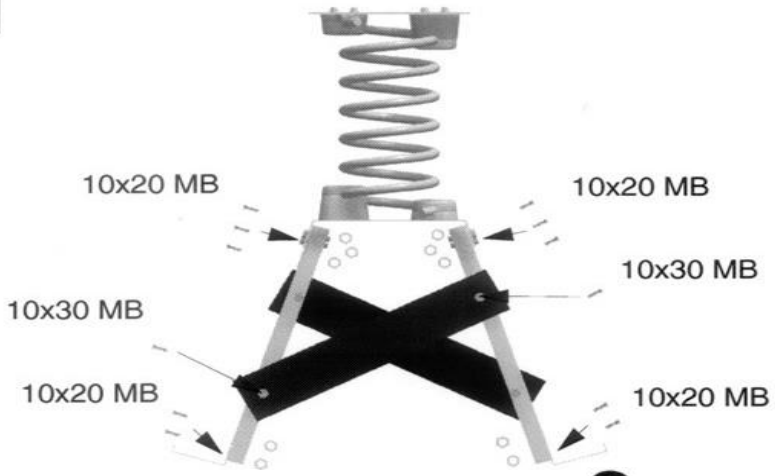
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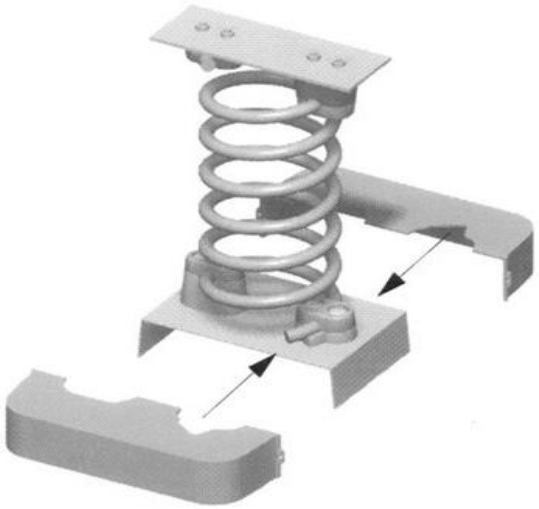
1

CSP01K	2

1



2



3



4

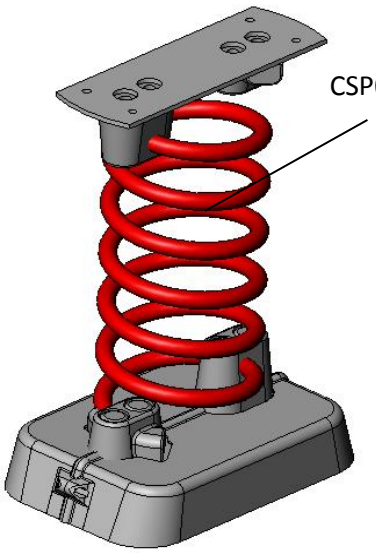


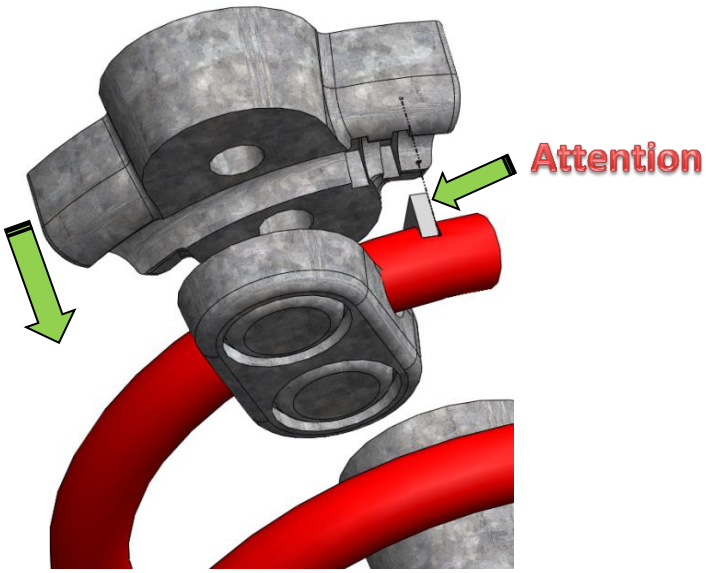
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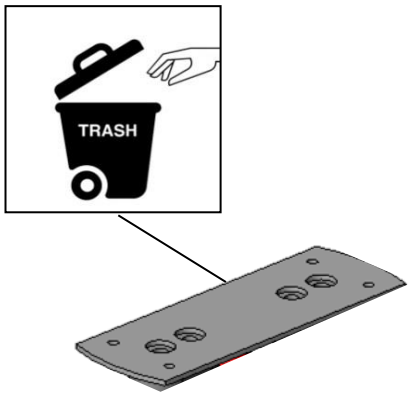
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2

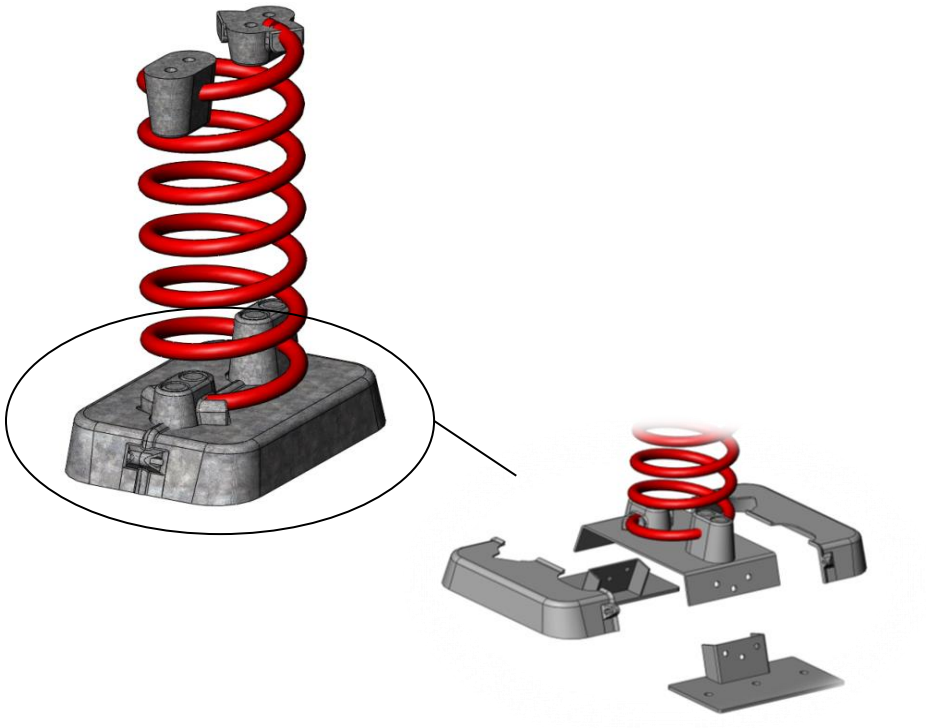
CSP01K	2







3



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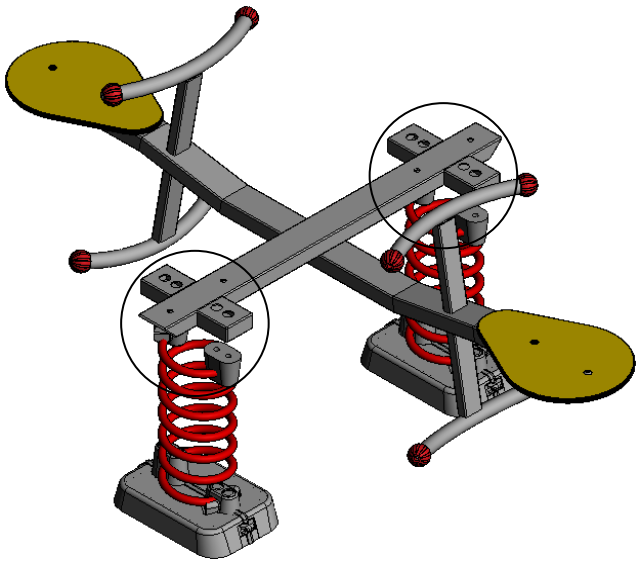
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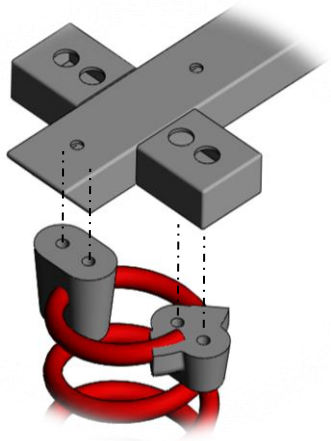
4

CSP01K	2
CQRD(A)	1



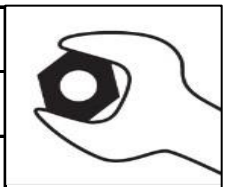
Torque to 20Nm



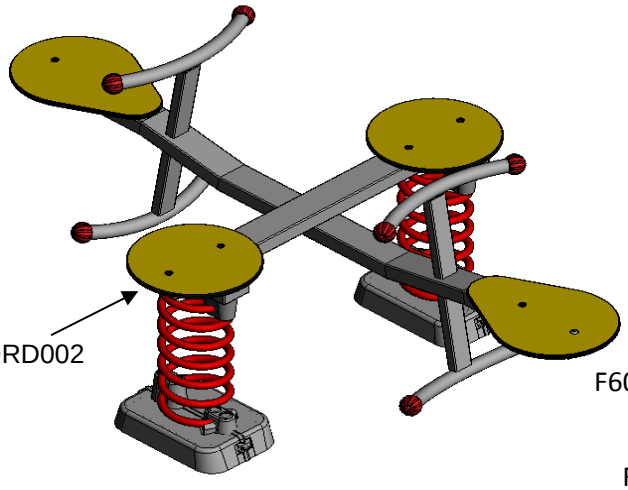


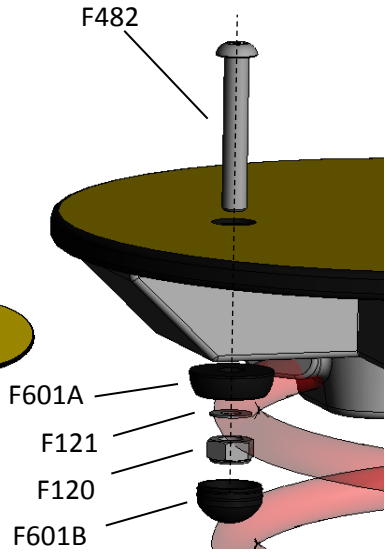
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CQRD002	2
F482	4
F601A	4
F601B	4
F121	4
F120	4



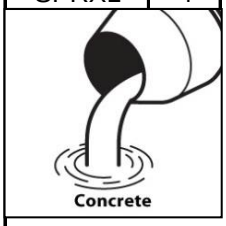
Torque to 10Nm

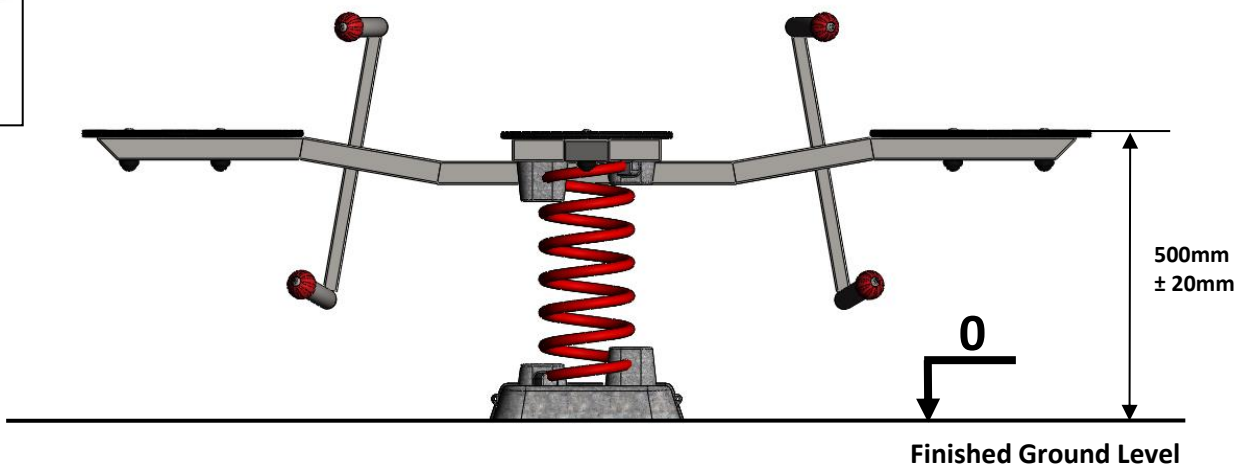




6 Surface Fixed Detail

SPRX1	4





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