

design
make
play

SutcliffePlay

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Orchard

Climbing Wall

Installation Instructions

ORU120/ORW120

ORU120/ORW120

Climbing Wall Installation Instructions



- 1 Read all instructions carefully before starting the assembly.
- 2 Check using the parts list and fixing kit list that none of the components are missing. If any parts are missing contact our Sales Office.
- 3 Plan the final position of the play equipment ensuring there is sufficient space. See the ground plan for recommended safety surfacing area and critical fall heights to EN1176.
- 4 Excavate the foundation holes in accordance with the plan. Orchard is designed to be installed onto a level site.
- 5 Fit the ground fixings OPA001/OPA002 to the bottom of the relevant logs, following the instruction sheet on page 04.
- 6 Erect the main logs into the foundation holes using the ground plan for reference. Each log is numbered at the top, and marked at the base with an X.
- 7 Assemble the activities to the logs prior to concreting into position.
- 8 When all the activities are fitted, fill the foundation holes to the required depth with concrete.
- 9 Do not allow the equipment to be used until the concrete has set (2 - 3 days) and the required safety surfacing has been installed.
- 10 Check that all fixing bolts are fully tightened. Fit the post caps following the instruction sheet on page 04.
- 11 After one month check all bolts and tighten if necessary. After this one month period insert the rubber log plugs as described on the instruction sheets page 05.
- 12 Follow the maintenance instructions supplied.

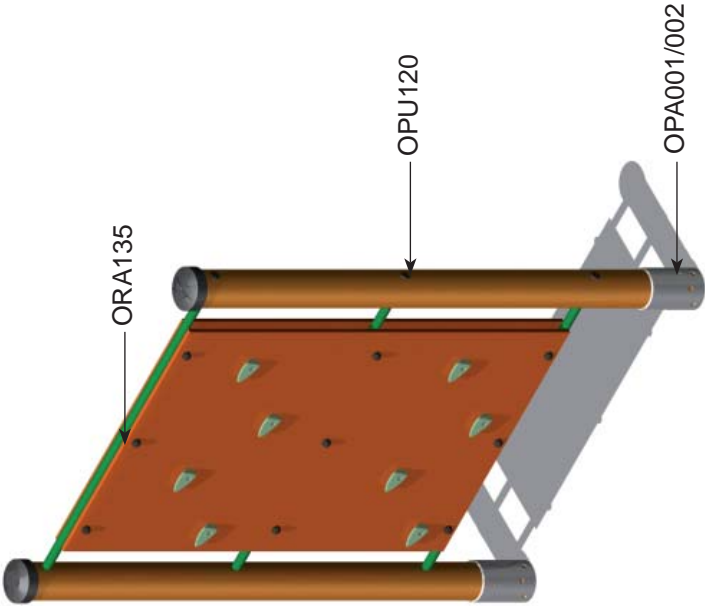
During installation care must be taken to prevent hazards to children.
Care should be taken if conditions are abnormal.

ORU120/ORW120

Climbing Wall
Parts List

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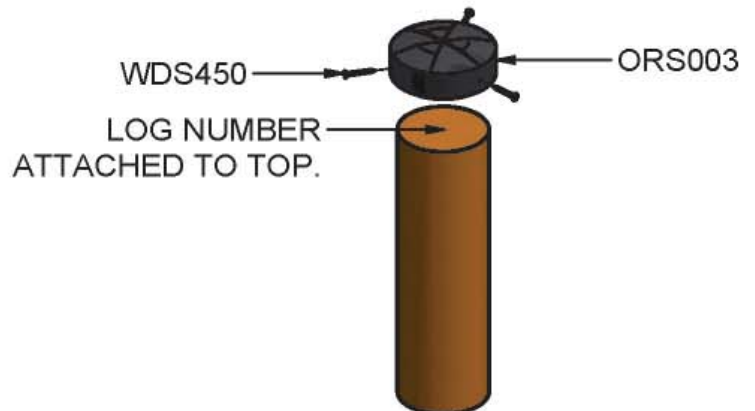


Ref	Description	Qty
OPA001/002	Ground Fixing	2
ORA135	Dbl Sided Climbing Panel	1
OPU120	Logs (set of 2)	1 Set
ORU120F	Fixing Kit	1 Set

POST CAPS

FIT RUBBER CAPS TO THE END OF THE LOGS AND FIX IN POSITION USING 3 OFF WDS450 PER JOINT.

NOTE THE RUBBER CAPS ARE A TIGHT FIT ON THE LOGS.



PARTS PER JOINT

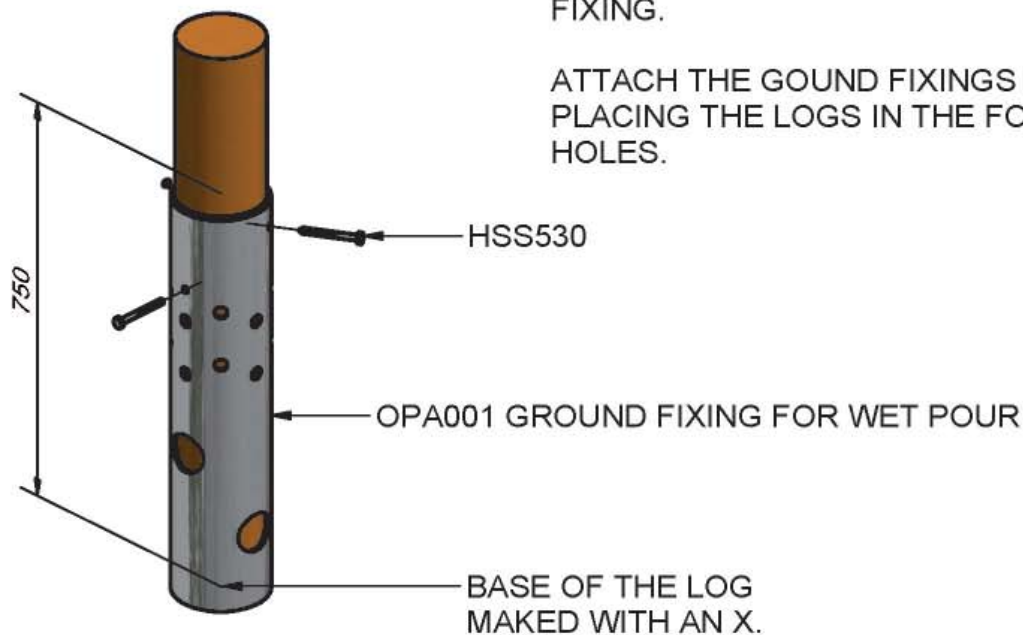
STOCK CODE	DESCRIPTION	QTY
ORS003	RUBBER POST CAP	1
WDS450	12 x 2" CSK POZI SCREW	3

GROUND FIXINGS

IMPORTANT NOTE

INSERT THE LOGS INTO THE GROUND FIXINGS 750MM. THE BOTTOM OF THE LOG SHOULD NOT PROTRUDE BEYOND THE GROUND FIXING.

ATTACH THE GROUND FIXINGS BEFORE PLACING THE LOGS IN THE FOUNDATION HOLES.

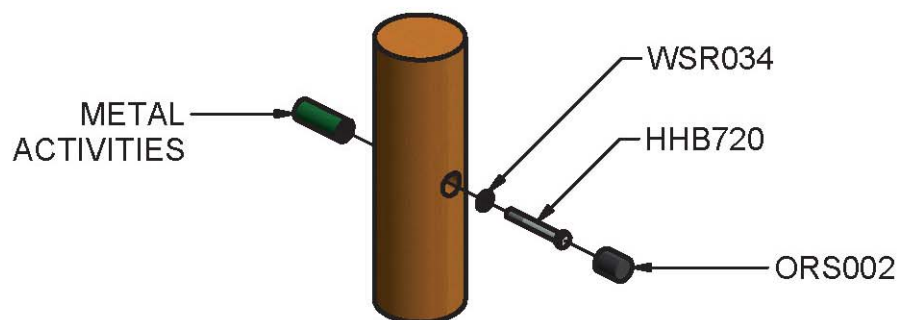


PARTS PER GROUND FIXING

STOCK CODE	DESCRIPTION	QTY
HSS530	M10 x 100 COACH SCREW BZP	3
OPA001	ALLOY GROUND FIXING ANODIZED 750	1

ORU120/ORW120

ACTIVITY FIXING



PARTS PER FIXING		
STOCK CODE	DESCRIPTION	QTY
HHB720	M16 x 120 HEX HEAD BOLT	1
ORS002	35 DIA RUBBER LOG PLUG	1
WSR034	M16 FLAT WASHER FORM C	1

ORU120F Fixing Kit

STOCK CODE	DESCRIPTION	QTY
 HHB720	M16 x 120 HEX HEAD BOLT	8
 HHB770	M16 x 260 HEX HEAD BOLT	0
 HSS530	M10 x 80 COACH SCREW	9
 LKN340	M16 NYLOC NUT	0
 ORS001	TIMBER RUBBER SPACER	0
 ORS002	41 DIA RUBBER LOG PLUG	8
 ORS003	ORCHARD RUBBER POST CAP	2
 ORS005ZP	SPACER RING ZINC PLATED	0
 WDS450	No12 x 2" CSK POZI SCREW	9
 WSR034	M16 FLAT WASHER	8

ORU120/ORW120

Climbing Wall Maintenance Instructions

NOTE

The warranty is invalidated if these instructions are not followed.

All wood needs annual inspection and retreatment where required.

Recommended Regular Inspection and Maintenance

Check stability of structure, tighten connections if required.

Check all uprights at ground level for corrosion and/or rot.
Replace any defective parts.

Check all painted elements for damage, rub down and repaint or replace as required.

Check chain/ropework assemblies for wear and damage, replace if required.

Check rotating and pivot points for wear and smooth running
lubricate or replace if required.

Check rubber parts for wear and/or damage, replace if required.

Check tension cables, adjust if required.

Check wear of cables, replace if required.

Check slide chutes for smoothness and any foreign elements,
remove any found.

Check rubber safety surfaces for damage and poor performance,
repair or replace if required.

Check loose fill safety surfaces, remove any foreign elements,
rake level and top up if required.

	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 Swing Frames, Playzone, Toddlerzone, Teenzone activities, Mission, Orchard Deck Frames and 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 and Teenzone Panels.

9 **Steel Core Polypropylene Rope** - all Scramble Nets, Space Nets, Playzone/Toddlerzone/Mission Ropes.