



TREETOPS

Mangrove

Installation Instructions

TTU001

Ttu001

Treetops Unit Installation Instructions



PLEASE NOTE THIS UNIT REQUIRES WORKING AT HEIGHT. ALL APPROPRIATE MEASURES SHOULD BE TAKEN TO ENSURE SAFETY IN THESE CONDITIONS

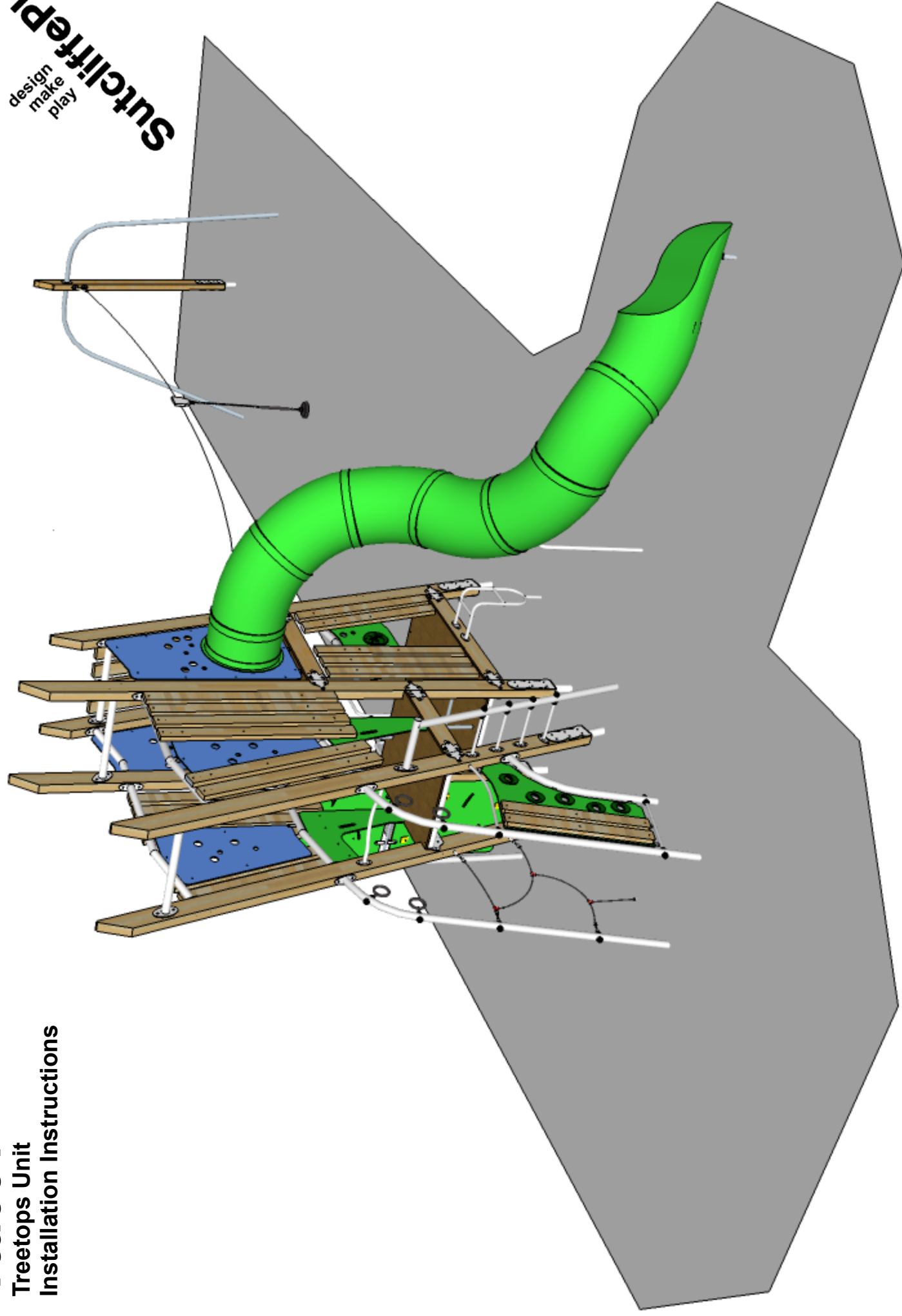
- 1 Check using the Parts List that none of the components are missing.
- 2 Plan the final position of the play equipment ensuring there is sufficient space.
- 3 Slide runouts should be inclined downwards by approximately 2 degrees for drainage purposes. **PLEASE NOTE** if stainless steel slide version should face north or be shaded to prevent over heating.
- 4 Excavate the foundation holes in accordance with the plan.
- 5 Sort and identify parts before assembly. Each leg is numbered to correspond with the foundation plan.
- 6 Assemble sections as detailed on pages ** to **. **PLEASE NOTE HEAVY LIFTING EQUIPMENT IS REQUIRED FOR THIS PART OF THE INSTALLATION.** Do not tighten the fixing bolts until all the framework / supports have been assembled in this section.
- 7 Assemble the activities onto the uprights and support rails. Leave fixing bolts loose until all the activities have been assembled.
- 8 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 Re tighten all fixing bolts.
- 11 Follow the maintenance instructions supplied.

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

Ttu001

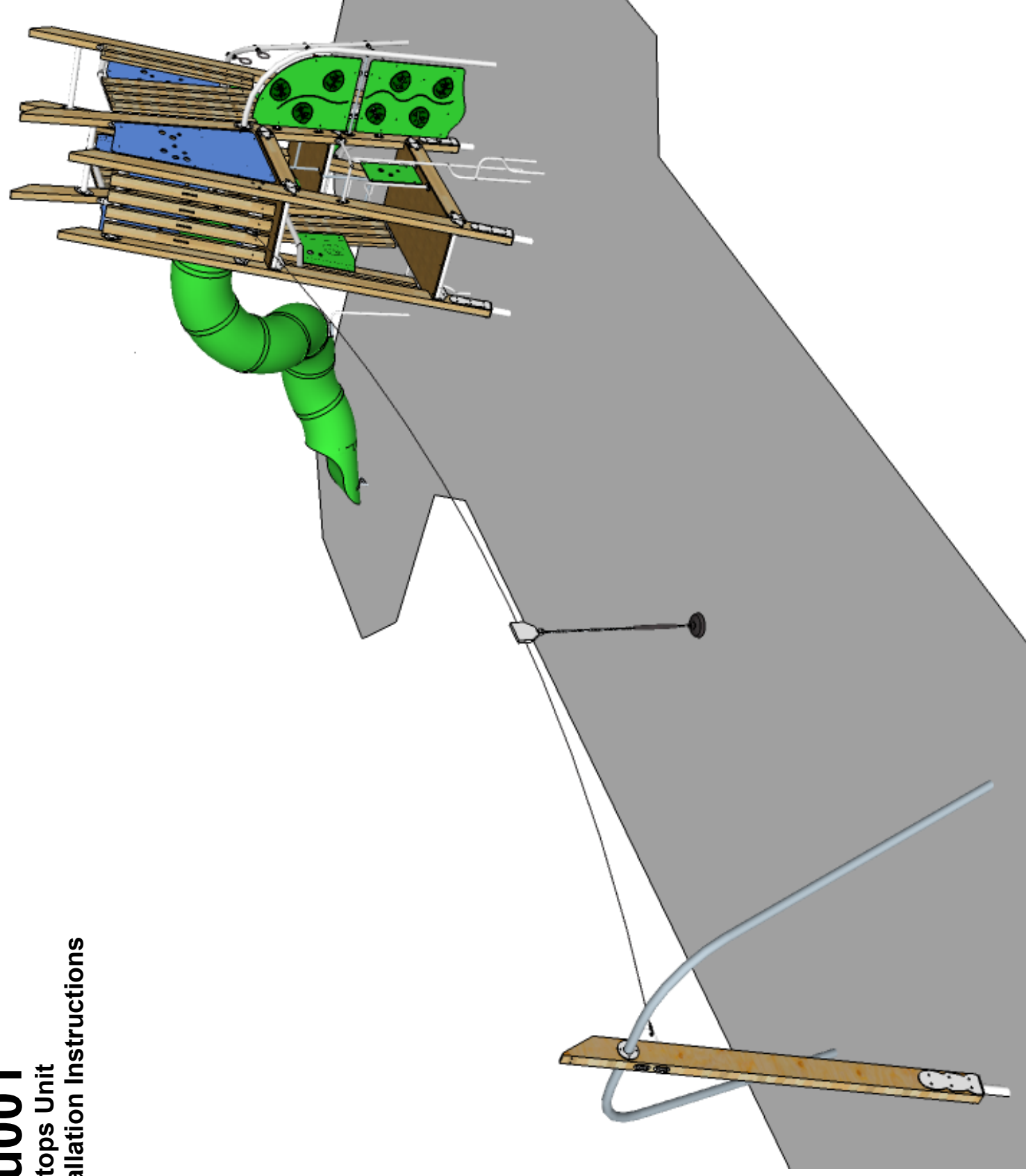
Treetops Unit Installation Instructions

Sutcliffeplay
design
make
play



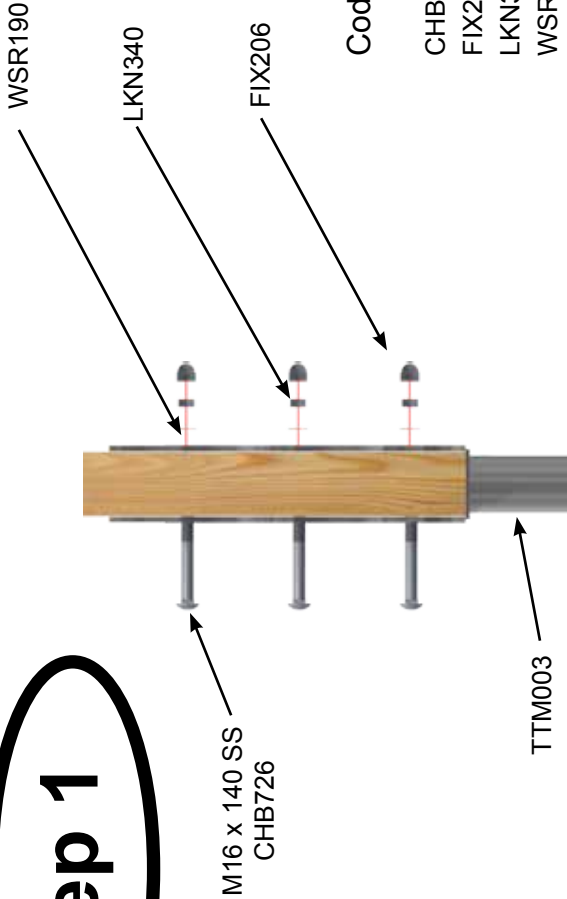
Ttu001

Treetops Unit Installation Instructions

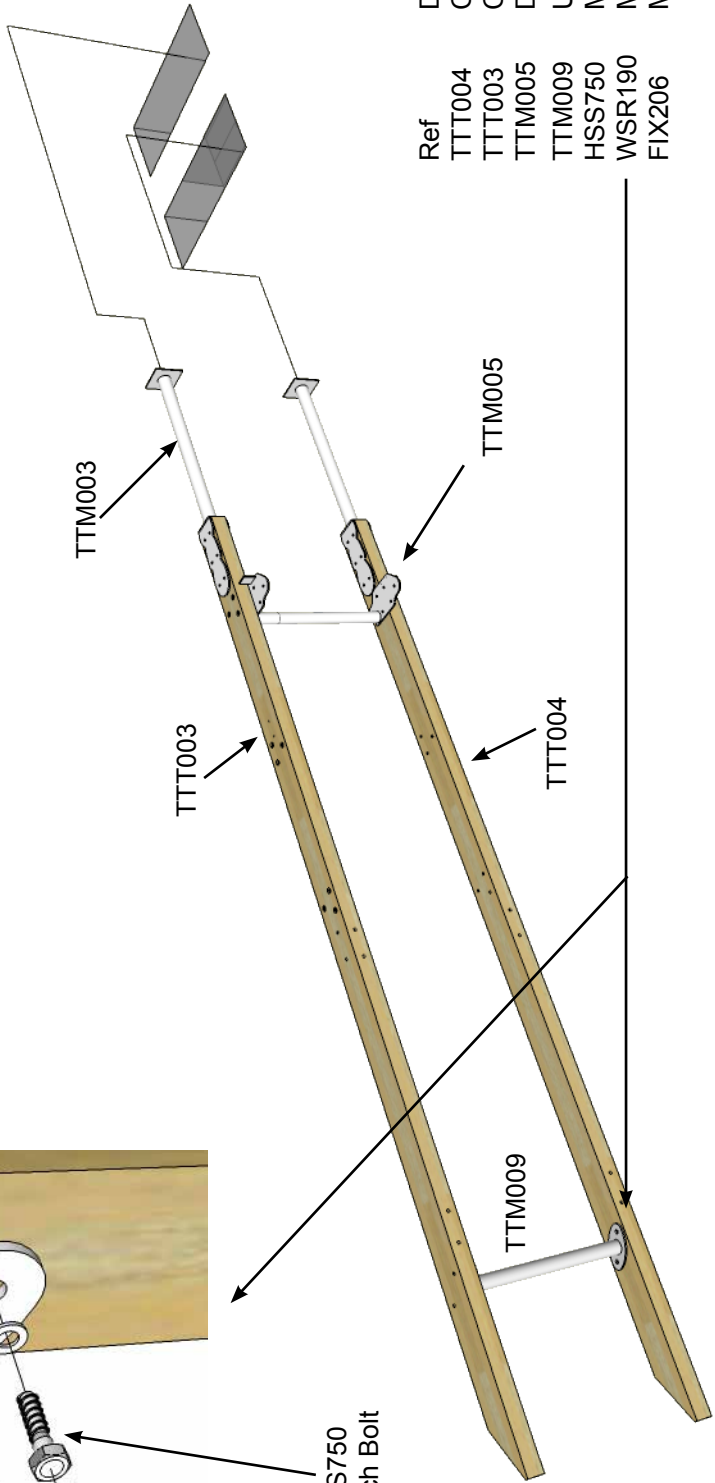
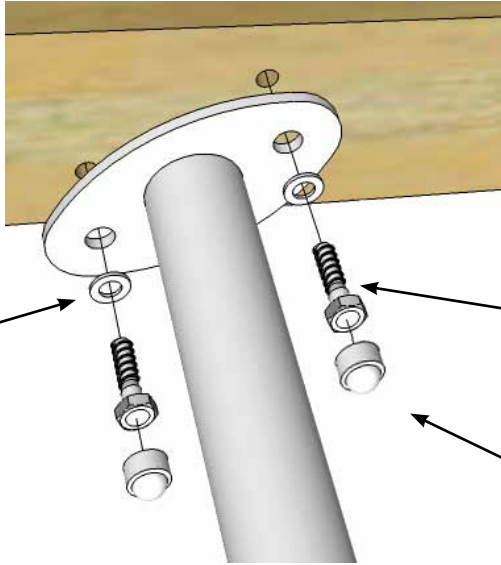


Sutcliffe Play
design
make
play

Step 1



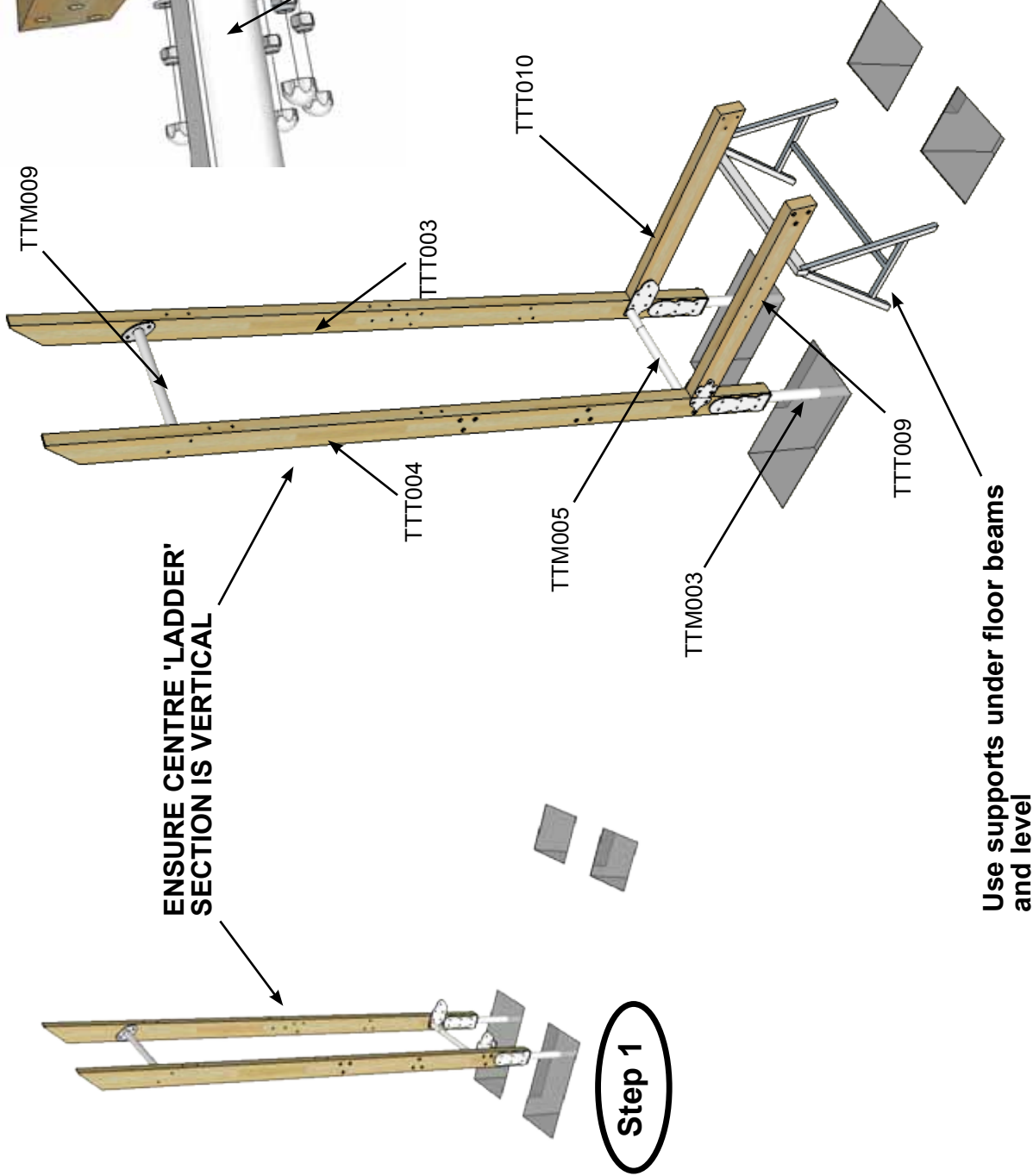
Code	Description	Qty
CHB726	M16 x 140 Cup Head Bolt	12
FIX206	M16 Nut Cover	12
LKN340	M16 Nylock Nut	12
WSR190	M16 Plain Washer	12
TTM003	Straight Shoe	2



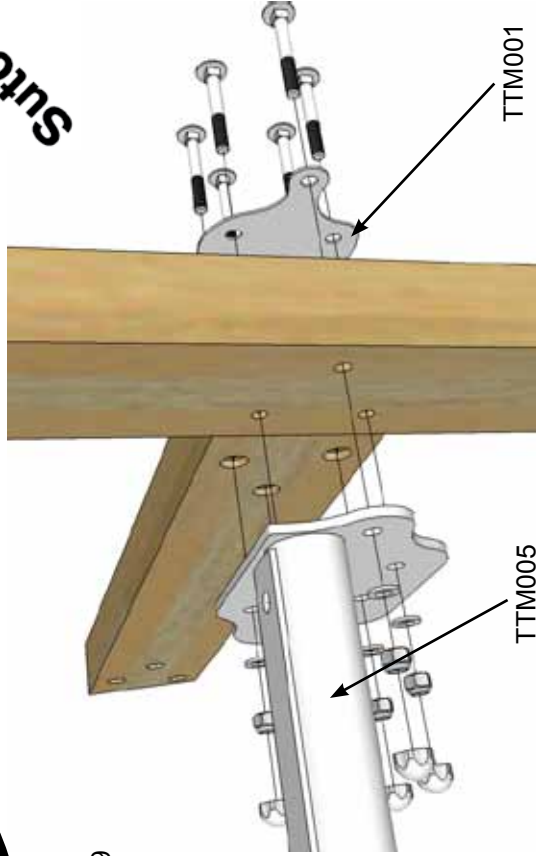
Ref	Description	Qty
TTT004	Centre post (Front)	1
TTT003	Centre Post (Back)	1
TTM005	Deck Support	1
TTM009	Upper Rail	1
HSS750	M16 x 60 SS Coach Screw	4
WSR190	M16 Plain Washer	4
FIX206	M16 Nut Cover	4

Step 2

Butcliffplay
design
make
play



Step 1



Ref	Description	Qty
TTT003	Centre post (Back)	1
TTT004	Centre post (Front)	1
TTT009	1m Timber Floor Beam (front)	1
TTT010	1m Timber Floor Beam (back)	1
TTM001	Leaf Profile Plate	2
TTM003	Straight Shoes	2
TTM005	Deck Support Rail	1
TTM009	Upper Rail	1
CHB726	M16 x 140mm Cuphead	12
LKN340	M16 Lock NUT	12
WSR190	M16 Plain Washer	12
FIX206	M16 Nut Cover	12

Ttu001

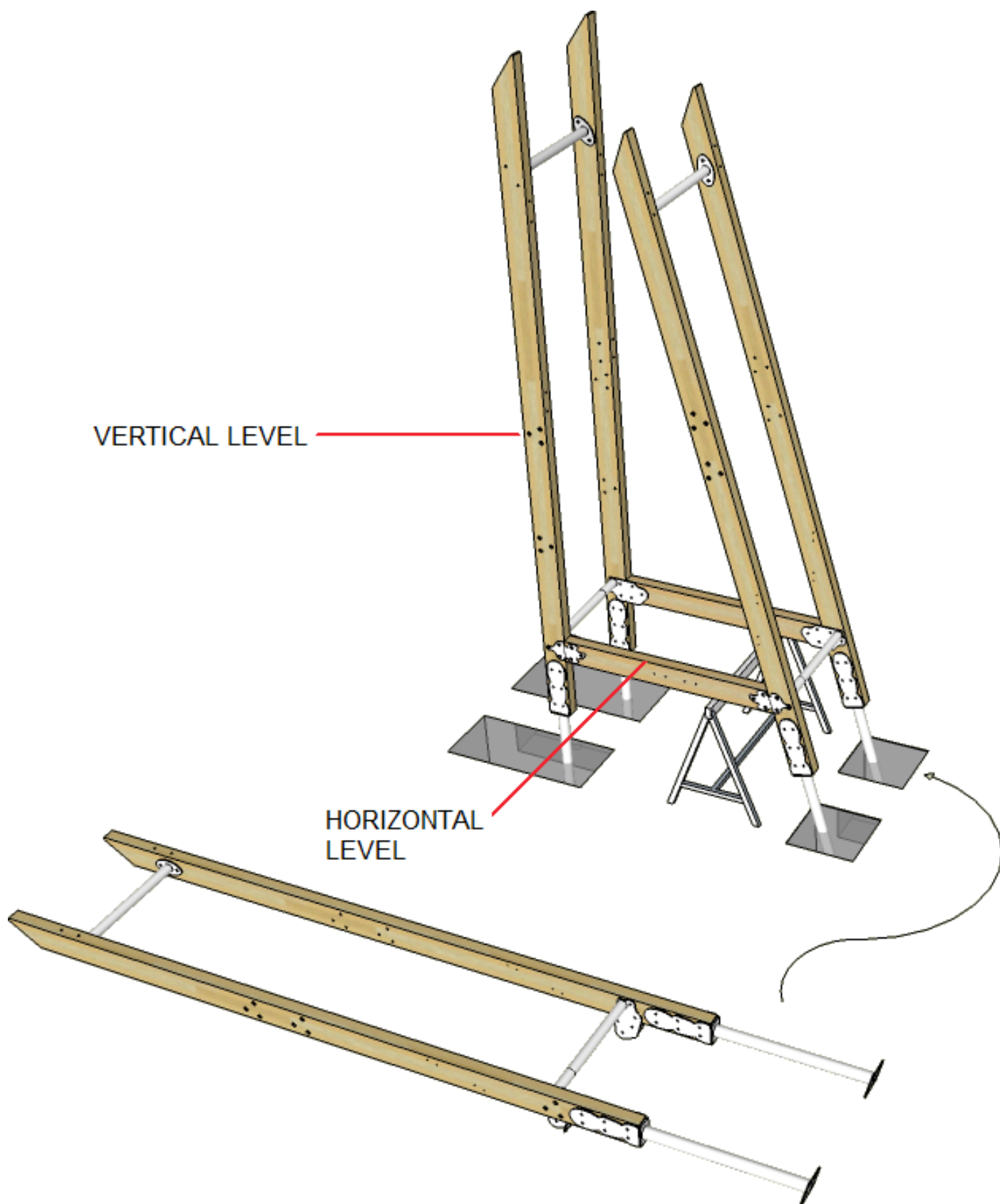
Treetops Unit Installation Instructions

PLEASE NOTE
HEAVY LIFTING EQUIPMENT
REQUIRED

design
make
play

SutcliffePlay

Step 3



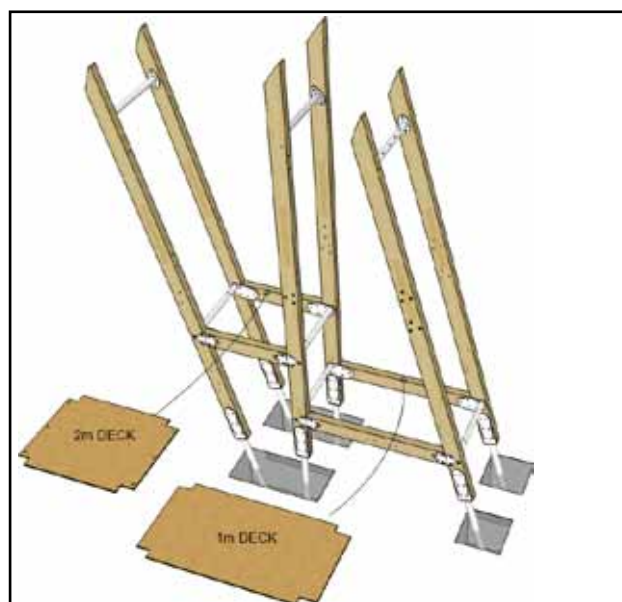
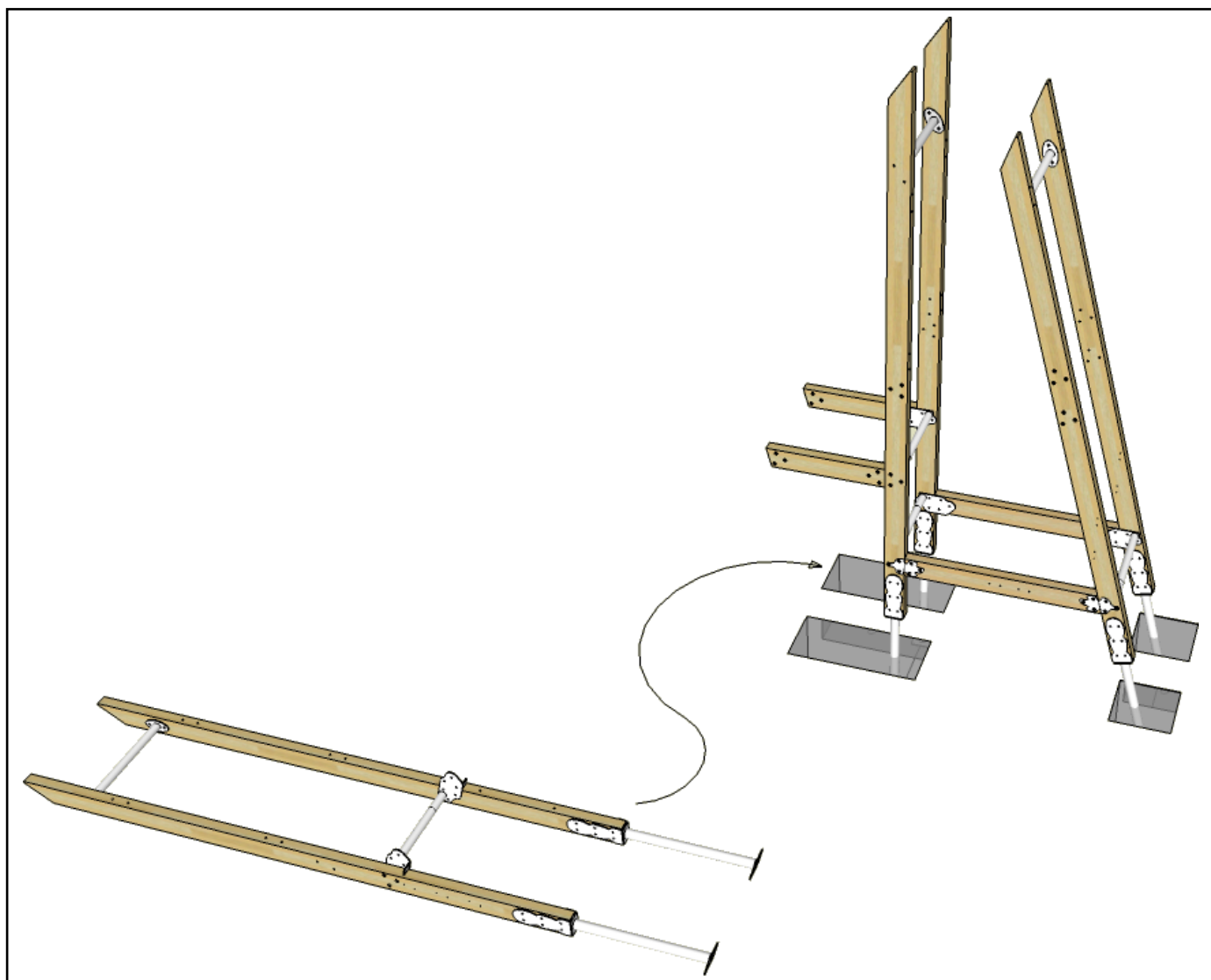
Ttu001

Treetops Unit Installation Instructions

PLEASE NOTE
HEAVY LIFTING EQUIPMENT
REQUIRED

Step 4

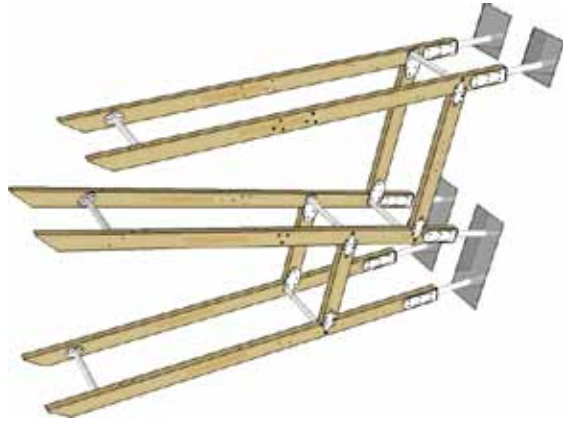
design
make
play
SutcliffePlay



**PLEASE NOTE
HEAVY LIFTING EQUIPMENT
REQUIRED**

Step 5

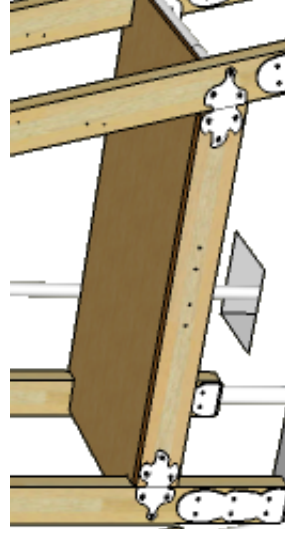
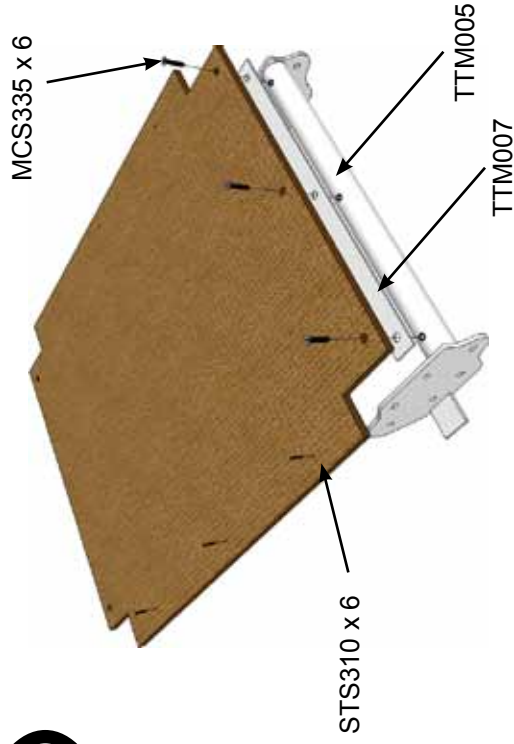
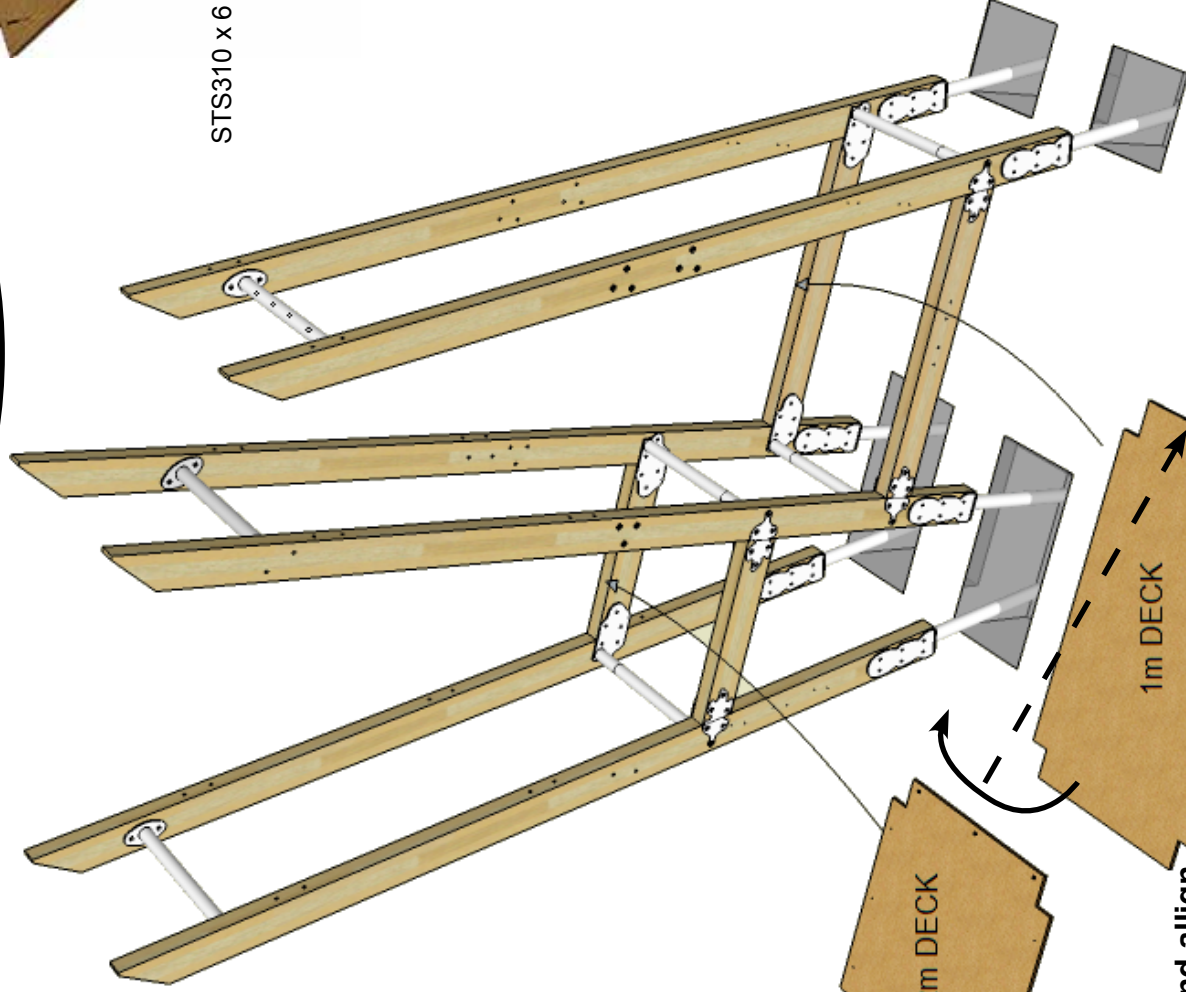
Step 4



Place 1m deck as indicated
and align over Deck bearers
and Deck Supports



Tilt 1m deck as indicated and align
over Deck bearers and Deck Supports



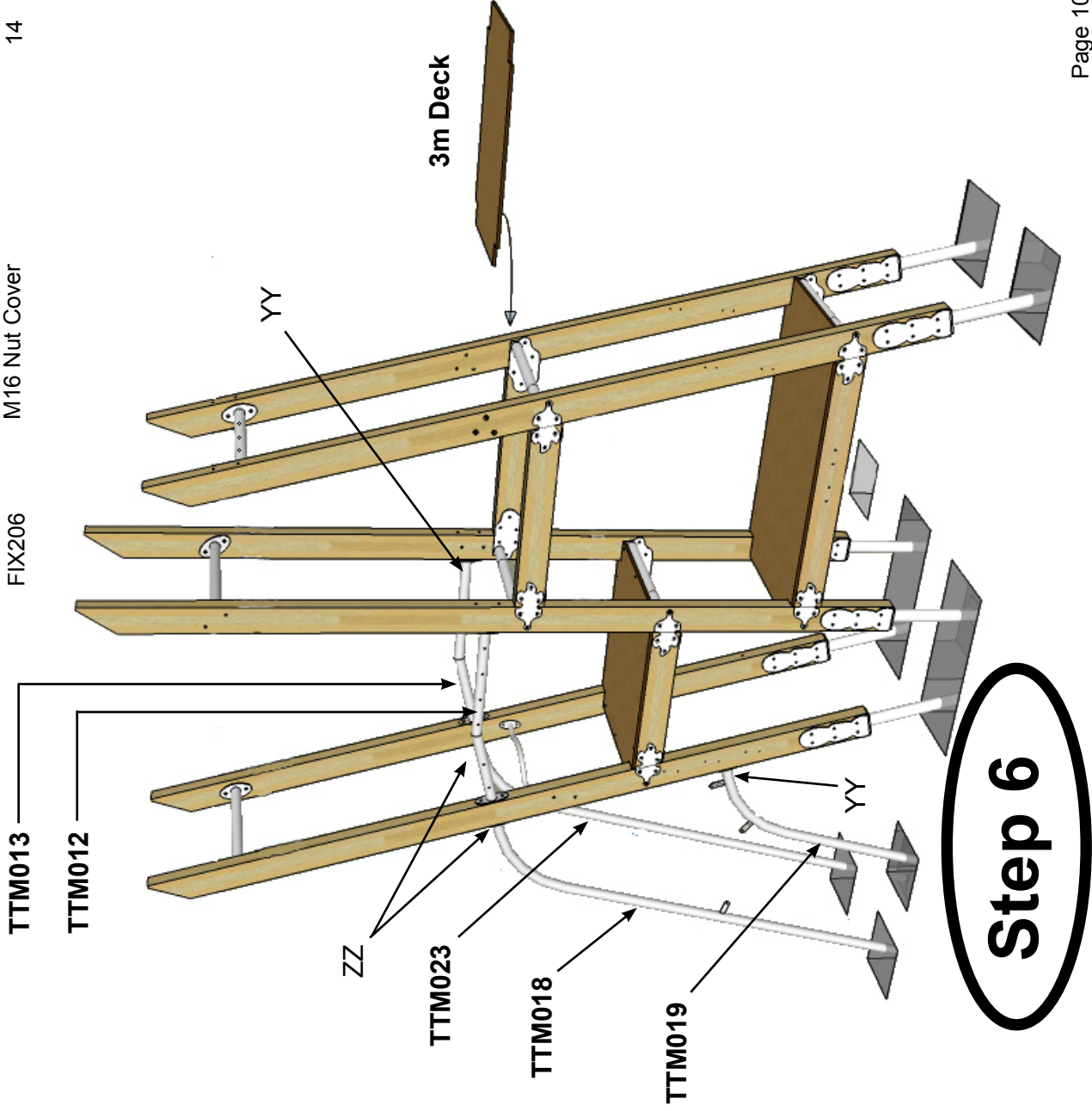
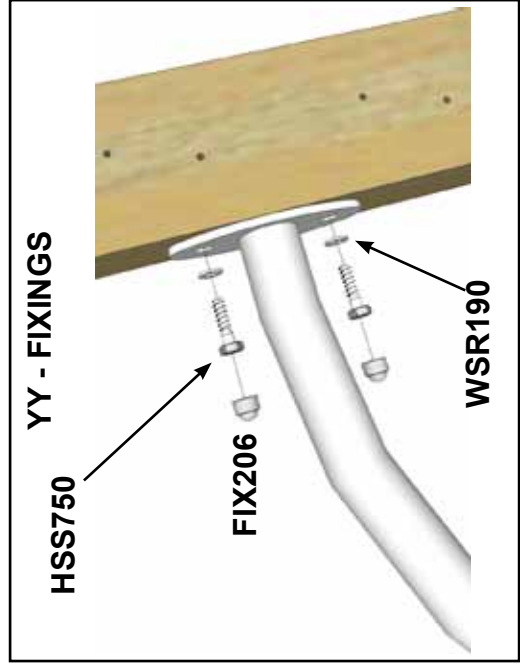
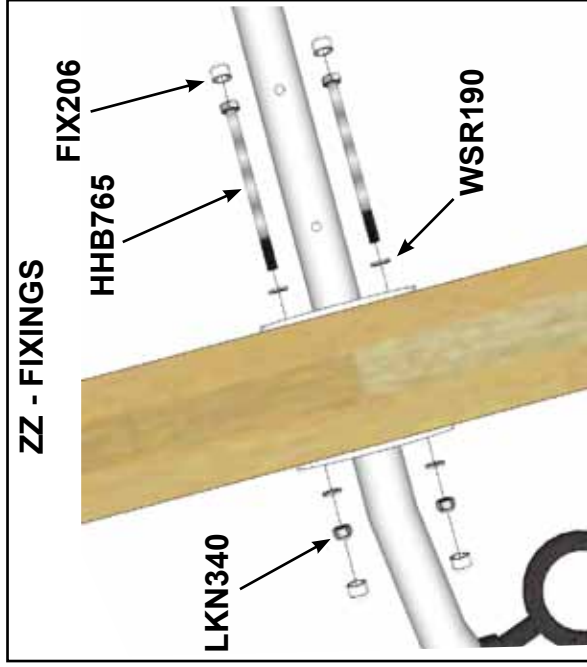
Description	Code	Qty
SS Security CS Screw	STS310	12
M10 x 50 Countersunk Screw	MCS335	12
Spacer Plate	TTM007	4

TTU001

Treetops Unit Installation Instructions

**PLEASE NOTE
HEAVY LIFTING EQUIPMENT
REQUIRED**

Code	Description	Qty
HHB765	M16 x 250 Hex Head Bolt	4
HSS750	M16 x 60 Coach Bolt	6
WSR190	M16 Plain Washer	14
LKN340	M16 Nylock Nut	4
FIX206	M16 Nut Cover	14



Ttu001

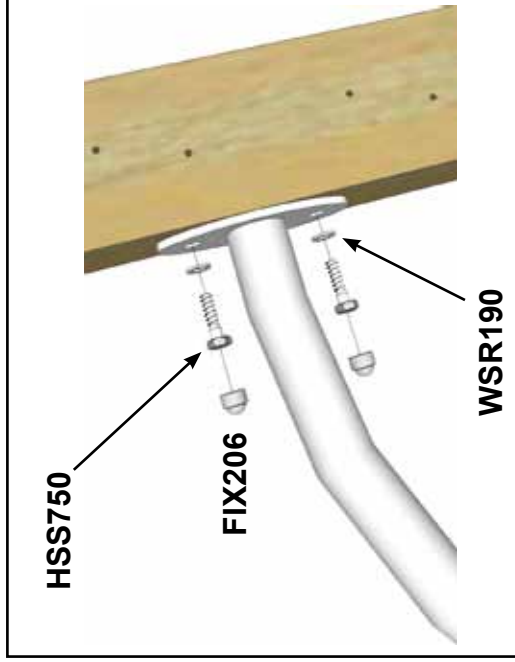
Treetops Unit Installation Instructions

TTM015

TTM011

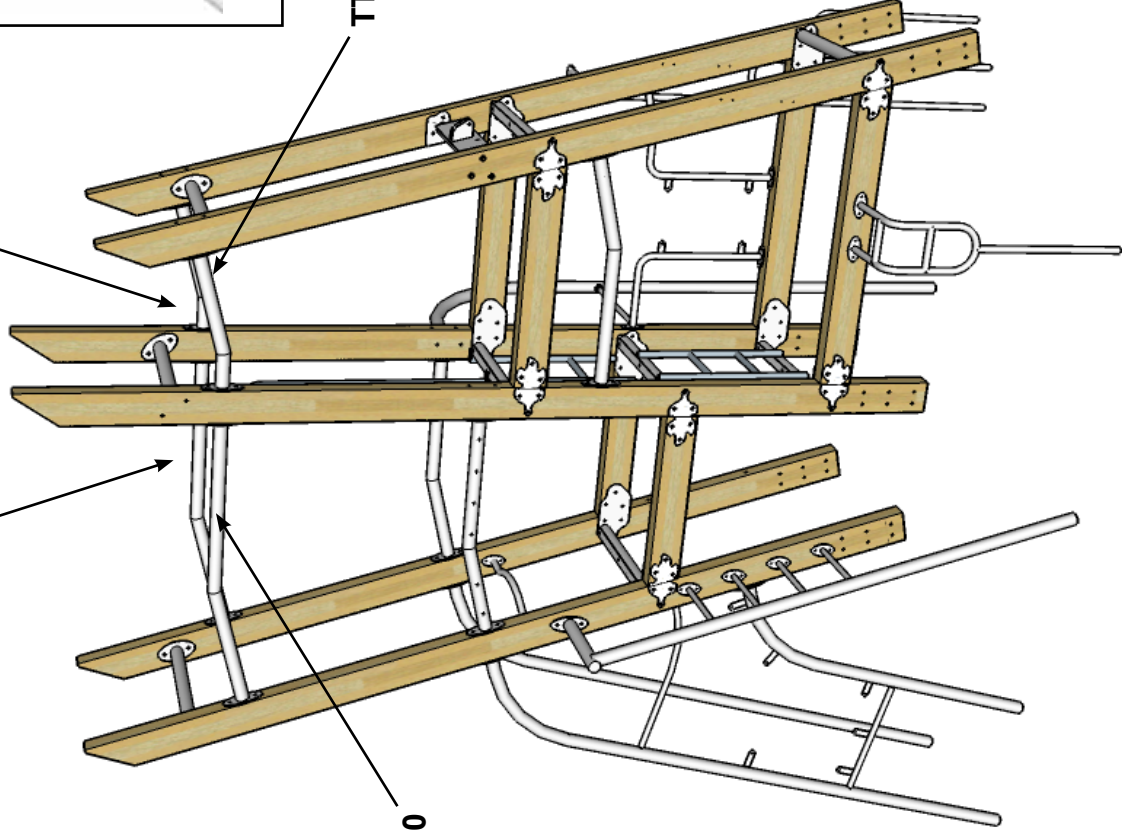
TTM010

TTM014



Sutcliffe Play
design
make
play

Ref	Description	Qty
TTM010	Top Left Bracing Rail	1
TTM011	Top Right Bracing Rail	1
TTM014	Top Left Short Bracing Rail	1
TTM015	Top Right Short Bracing Rail	1

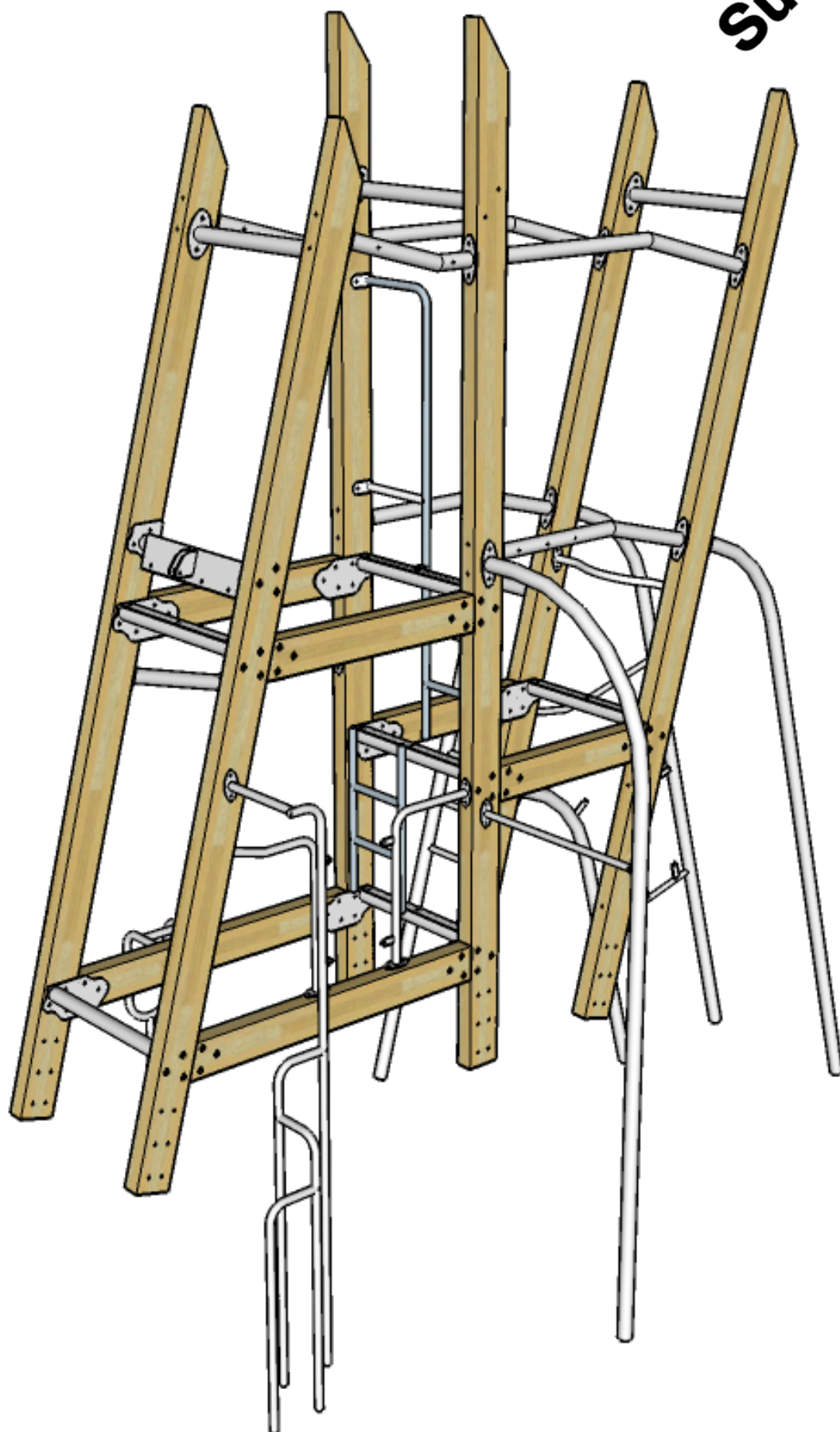


Ttu001

Treetops Unit Installation Instructions

design
make
play

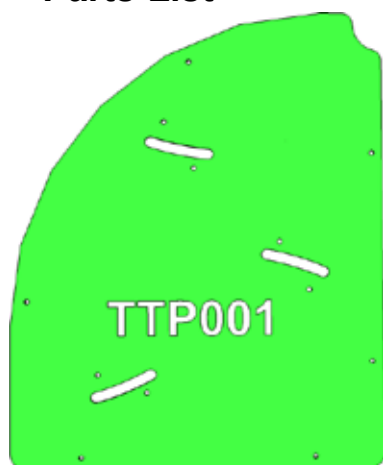
SutcliffePlay



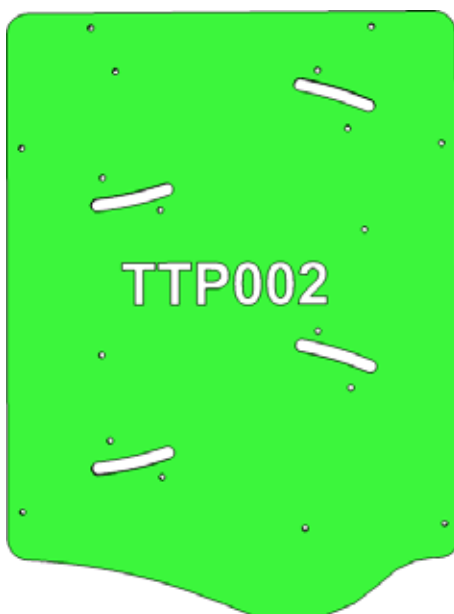
Ttu001

Treetops Unit Parts List

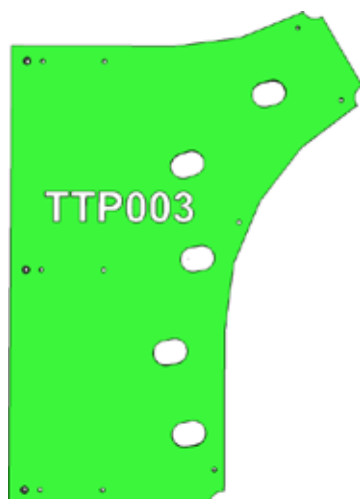
design
make
play
SutcliffePlay



TTP001 x 1



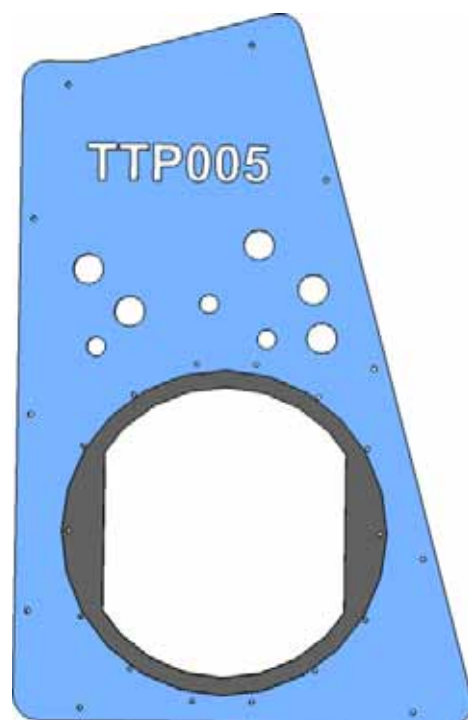
TTP002 x 1



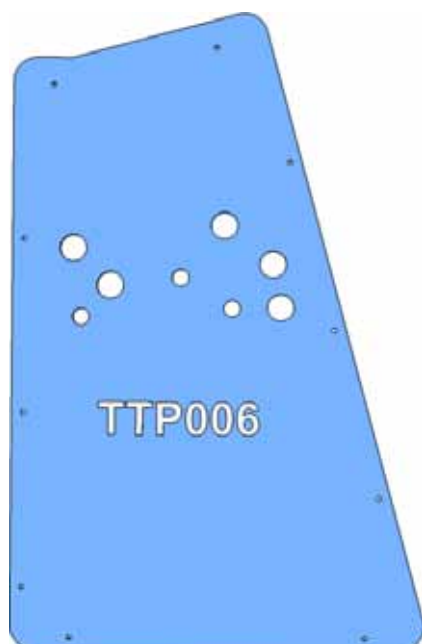
TTP003 x 1



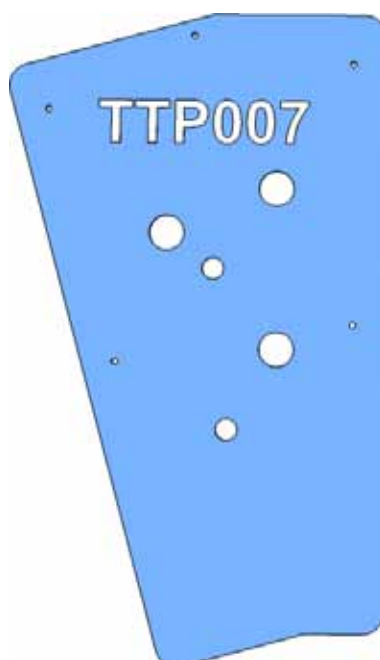
TTP004 x 1



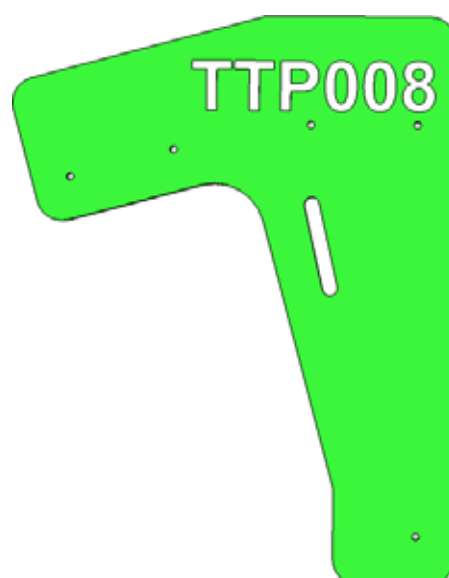
TTP005 x 1



TTP006 x 1



TTP007 x 2

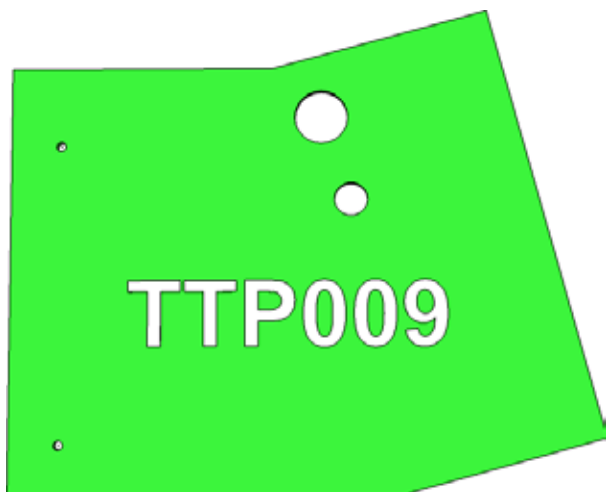


TTP008 x 2

Ttu001

Treetops Unit Parts List

design
make
play
SutcliffePlay



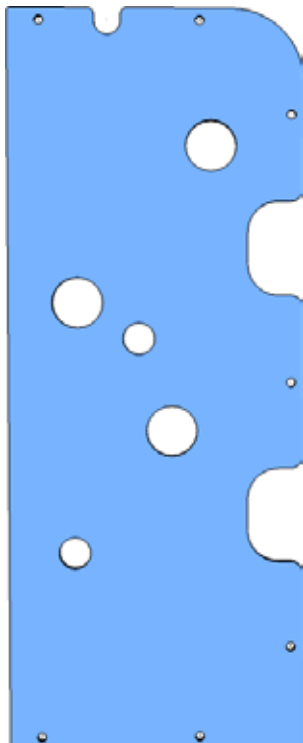
TTP009 x 1



TTP010 x 5



DZA004 x 8



TTP012 x 1

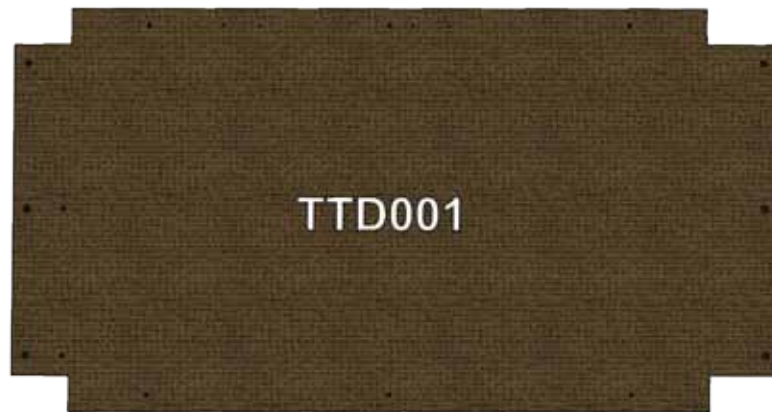


DZA724 x 2

Ttu001

Treetops Unit
Parts List

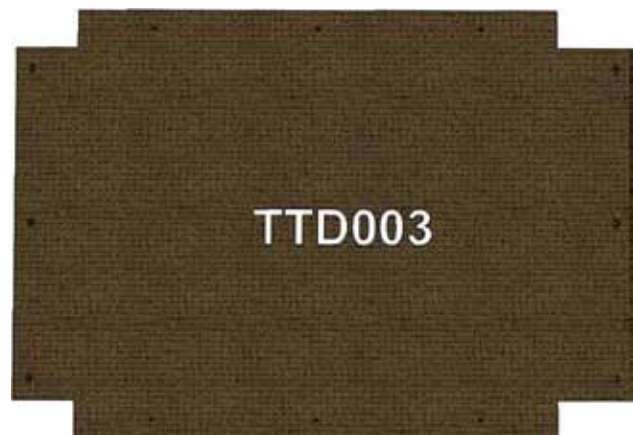
design
make
play
SutcliffePlay



TTD001 x 1



TTD002 x 1

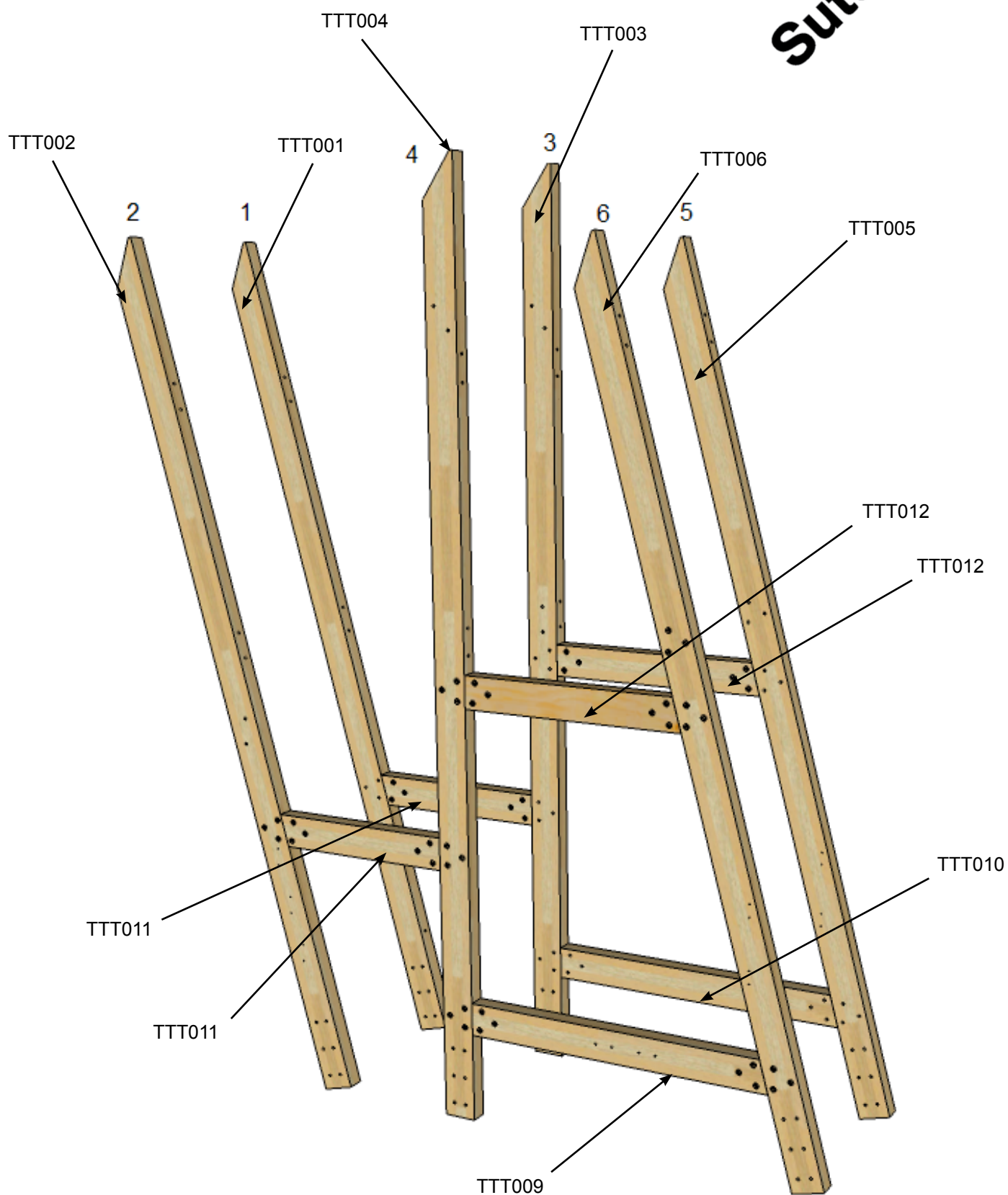


TTD003 x 1

Ttu001

Treetops Unit
Parts List

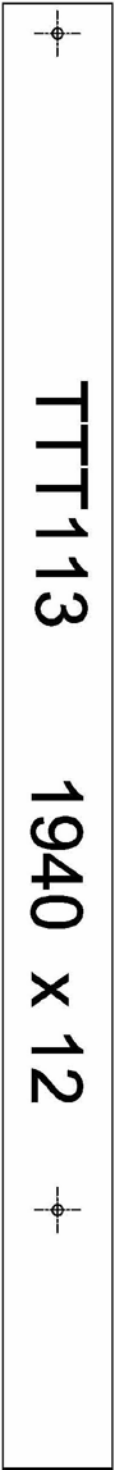
design
make
play
SutcliffePlay



TIMBER FRAME

Ttu001

Treetops Unit
Parts List



INFILL TIMBERS
150 x 50 THICK

TTT007
CABLEWAY LEG

Ttu001

Treetops Unit Parts List

design
make
play
SutcliffePlay



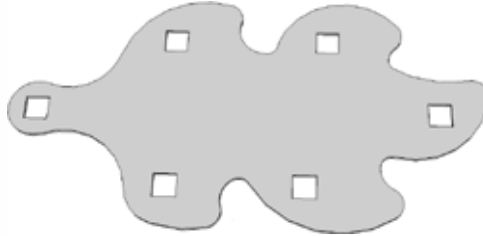
TTM057
FRONT BRACING RAIL x 1



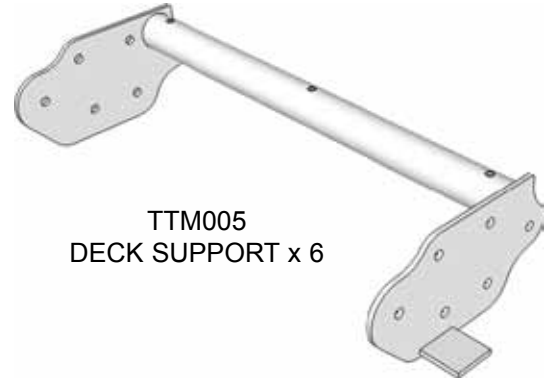
TTM003
STRAIGHT SHOE x 2



TTM004
ANGLED SHOE x 5



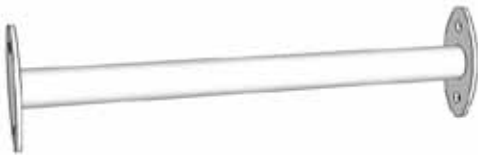
TTM001
LEAF PLATE
x 12



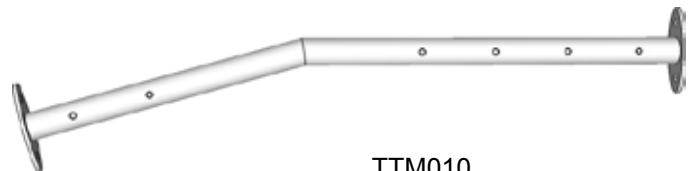
TTM005
DECK SUPPORT x 6



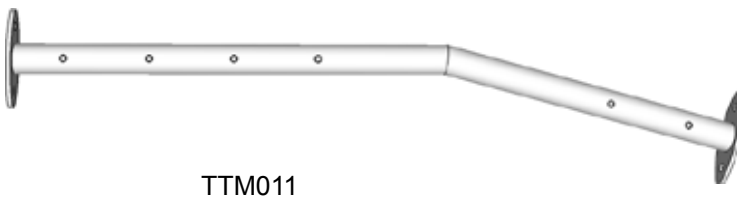
TTM007
DECK SPACER PLATE
x 6



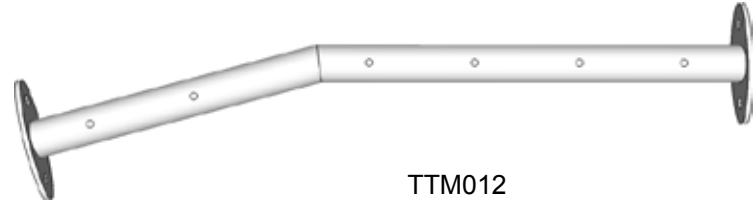
TTM009
CROSS BRACING RAIL
x 2



TTM010
TOP LEFT BRACING RAIL
x 1



TTM011
TOP RIGHT BRACING RAIL
x 1



TTM012
MIDDLE LEFT BRACING RAIL
x 1



TTM013
MIDDLE RIGHT BRACING RAIL
x 1



TTM014
TOP LEFT SHORT BRACING RAIL
x 1



TTM015
TOP RIGHT SHORT BRACING
RAIL
x 1

Ttu001

Treetops Unit Parts List

design
make
play
SutcliffePlay



TTM016
LOWER LEFT BRACING RAIL
x 1



TTM017
1m EXTERNAL LADDER
x 1



TTM018
ANGLED CLIMBER OUTER
FRAME
x 1



TTM019
ANGLED CLIMBER INNER
FRAME
x 1



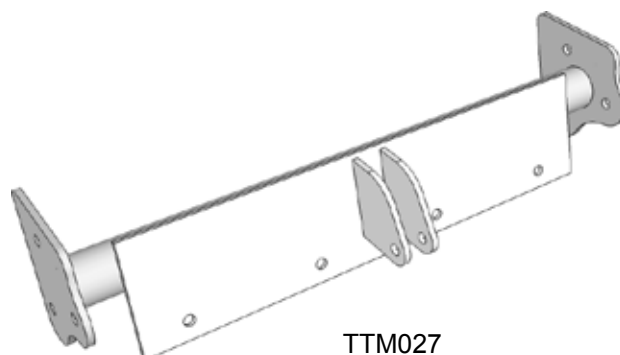
TTM021
ANGLED CLIMBER TOP RAIL x 1



TTM022
ANGLED CLIMBER LOWER RAIL x 1



TTM023
ANGLED ROPE CLIMB FRAME x 1



TTM027
CABLEWAY SUPPORT RAIL x 1

Ttu001

Treetops Unit Parts List

design
make
play
SutcliffePlay



TTM033
TOP INTERNAL LADDER
x 1



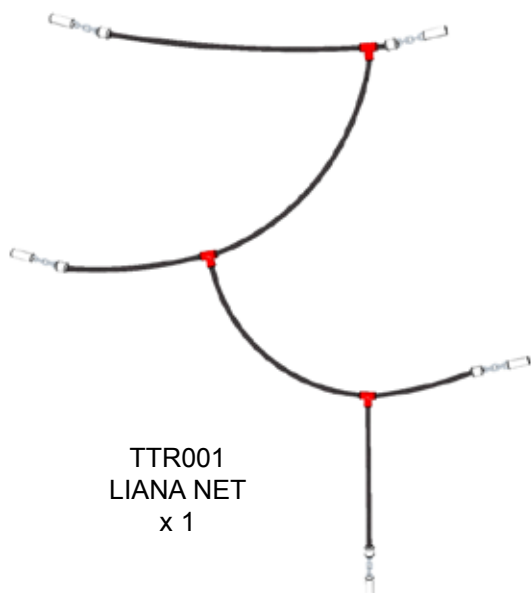
TTM035
LOWER INTERNAL LADDER
x 1



TTM056
BOTTOM TALK TUBE
x 1



TTM036
MANGROVE CLIMBER
x 1



TTR001
LIANA NET
x 1



CHN004
SHORT LIANA NET
FIXING
x 2

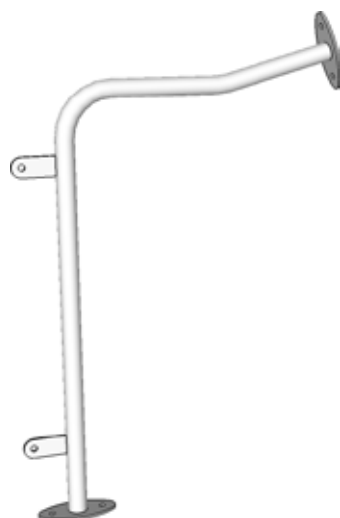


CHN003
LONG LIANA NET
FIXING
x 2

Ttu001

Treetops Unit Parts List

design
make
play
SutcliffePlay



TTM041
SLOPED RAIL
x 1



TTM042
90 DEGREE RAIL
x 1



XZA030
HANGING RING
x 4



TTM044
CABLEWAY FRONT LEG LEFT
x 1

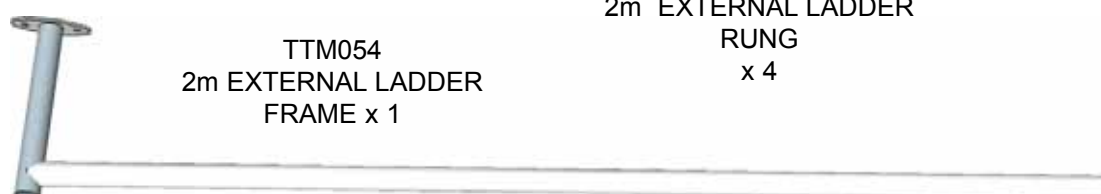
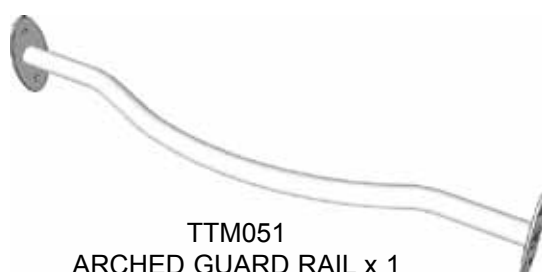
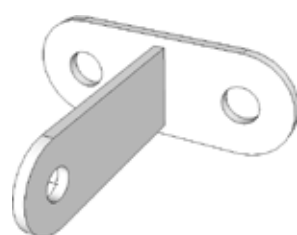
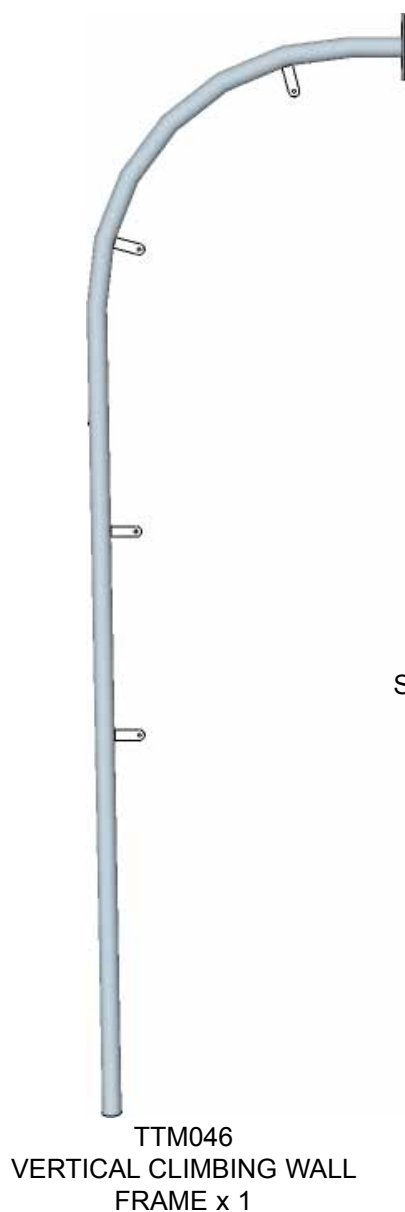


TTM045
CABLEWAY FRONT LEG RIGHT
x 1

Ttu001

Treetops Unit Parts List

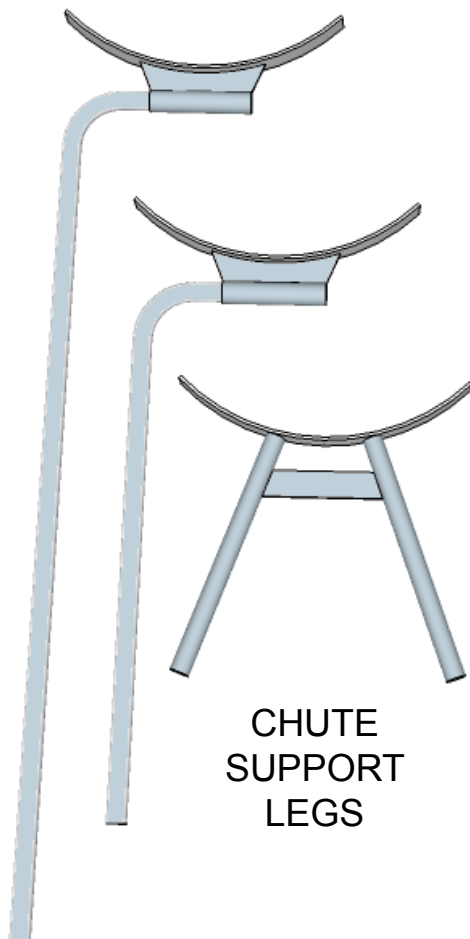
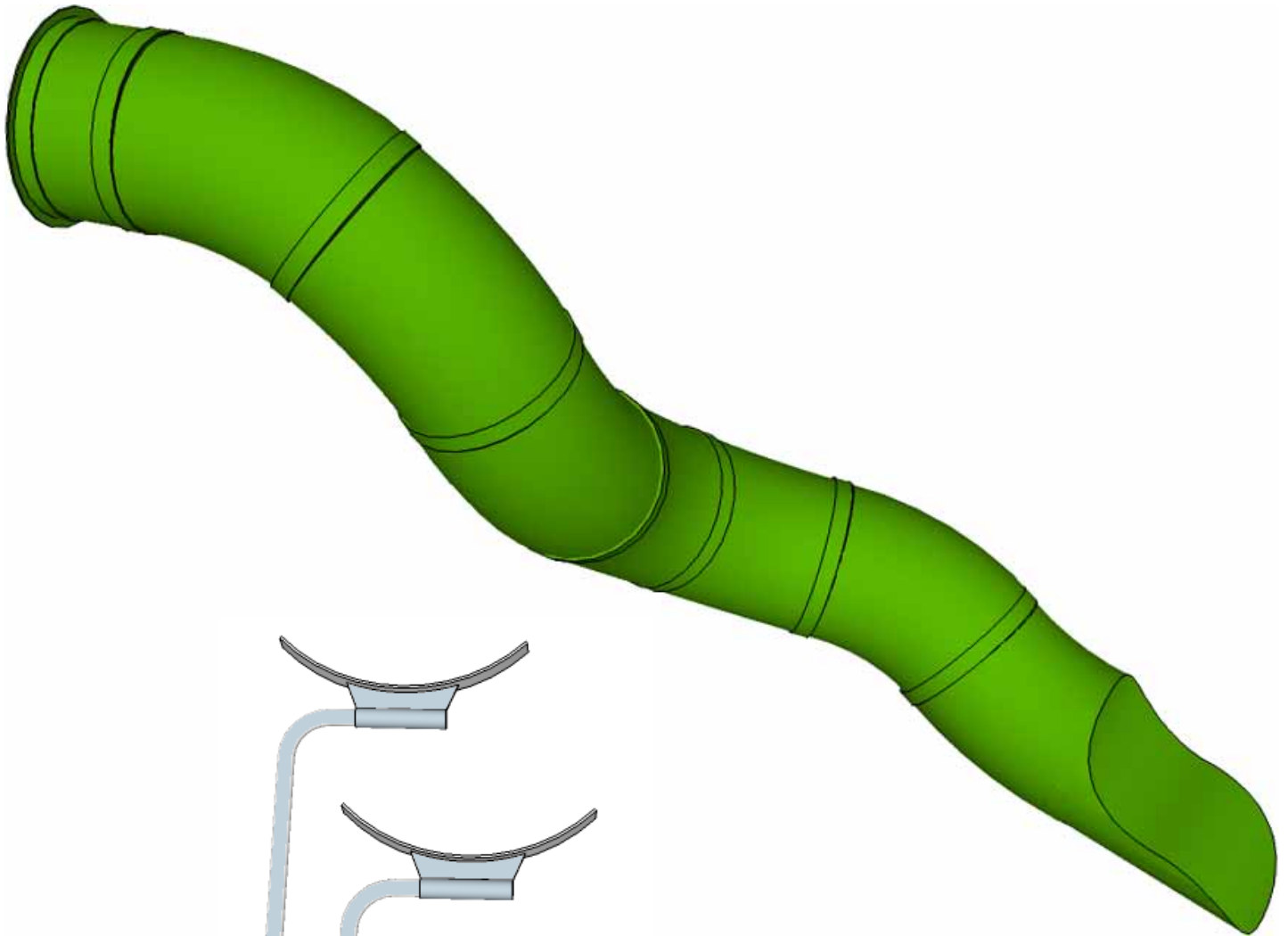
design
make
play
SutcliffePlay



Ttu001

Treetops Unit
Parts List

design
make
play
SutcliffePlay



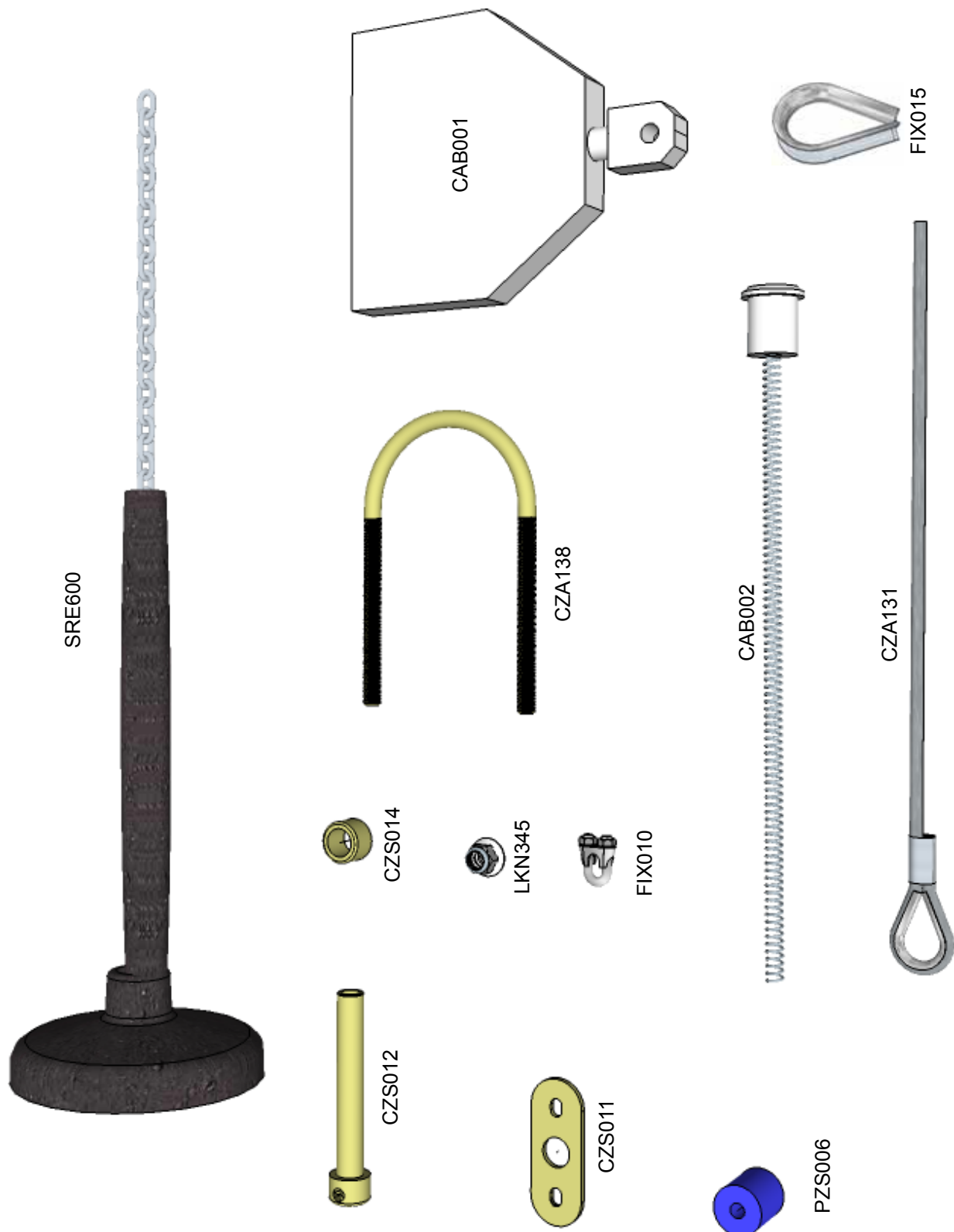
CHUTE
SUPPORT
LEGS

Ttu001

Treetops Unit Cableway Parts

SRE600 - PENDULUM SEAT ASSEMBLY x 1
 CAB001 - CABLEWAY TROLLY x 1
 CAB002 - BRAKE SPRING x 1
 CZA138 - M16 U-BOLT x 2
 CZS014 - SPINDLE SPACER x 2
 CZS012 - ROPE SPINDLE x 2
 CZS011 - ROPE PLATE x 4
 PZS006 - BRIDGE SPACER x 1
 FIX010 - WIRE ROPE GRIPS x 4
 LKN345 - M16 FLANGED LOCKNUT x 2
 CZA131 - 10M CABLE x 1
 FIX015 - WIRE ROPE THIMBLE x 1

design
make
play
SutcliffePlay



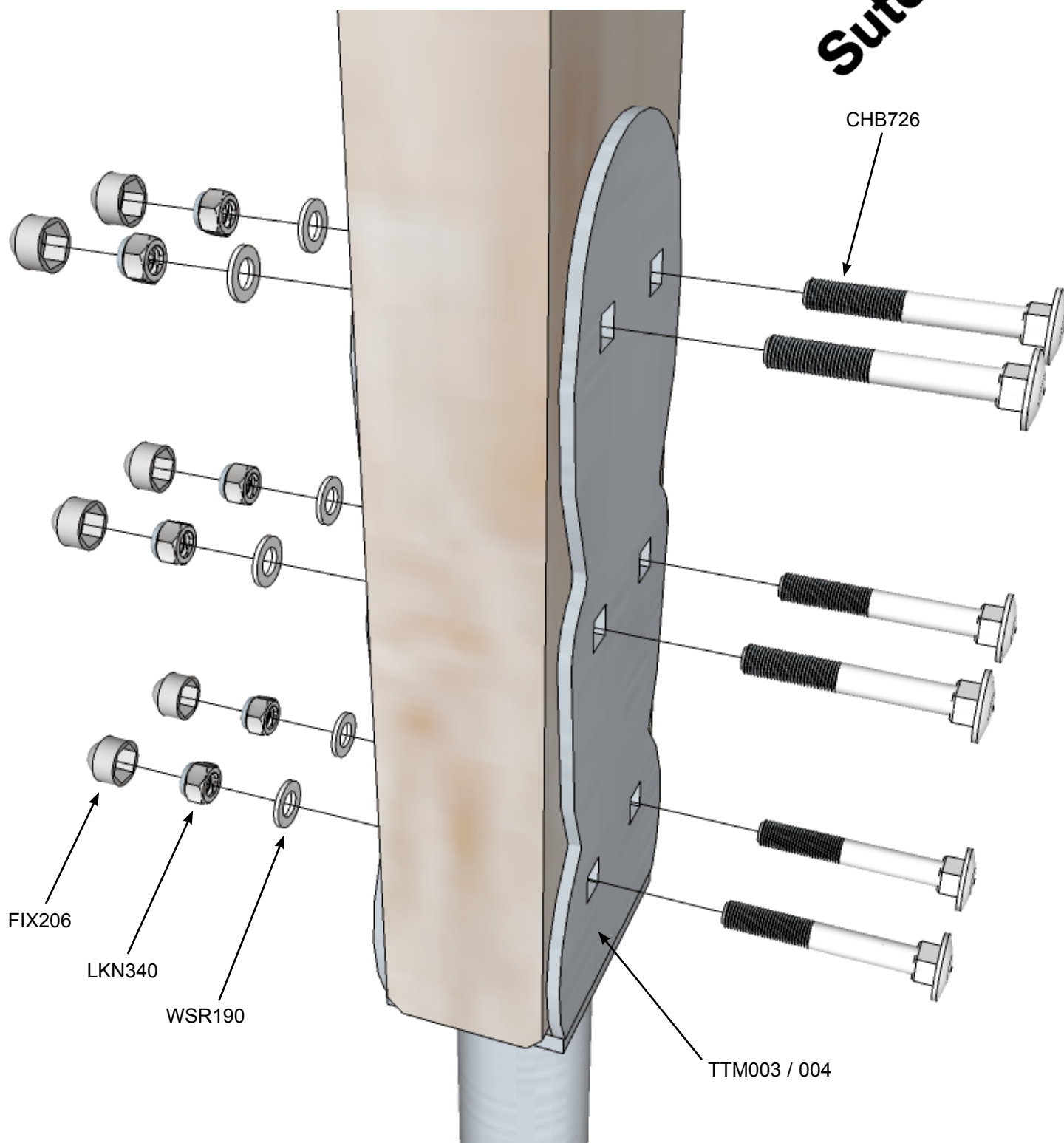
Ttu001

Treetops Unit Installation Instructions

LEG TO SHOE FIXINGS

design
make
play

SutcliffePlay



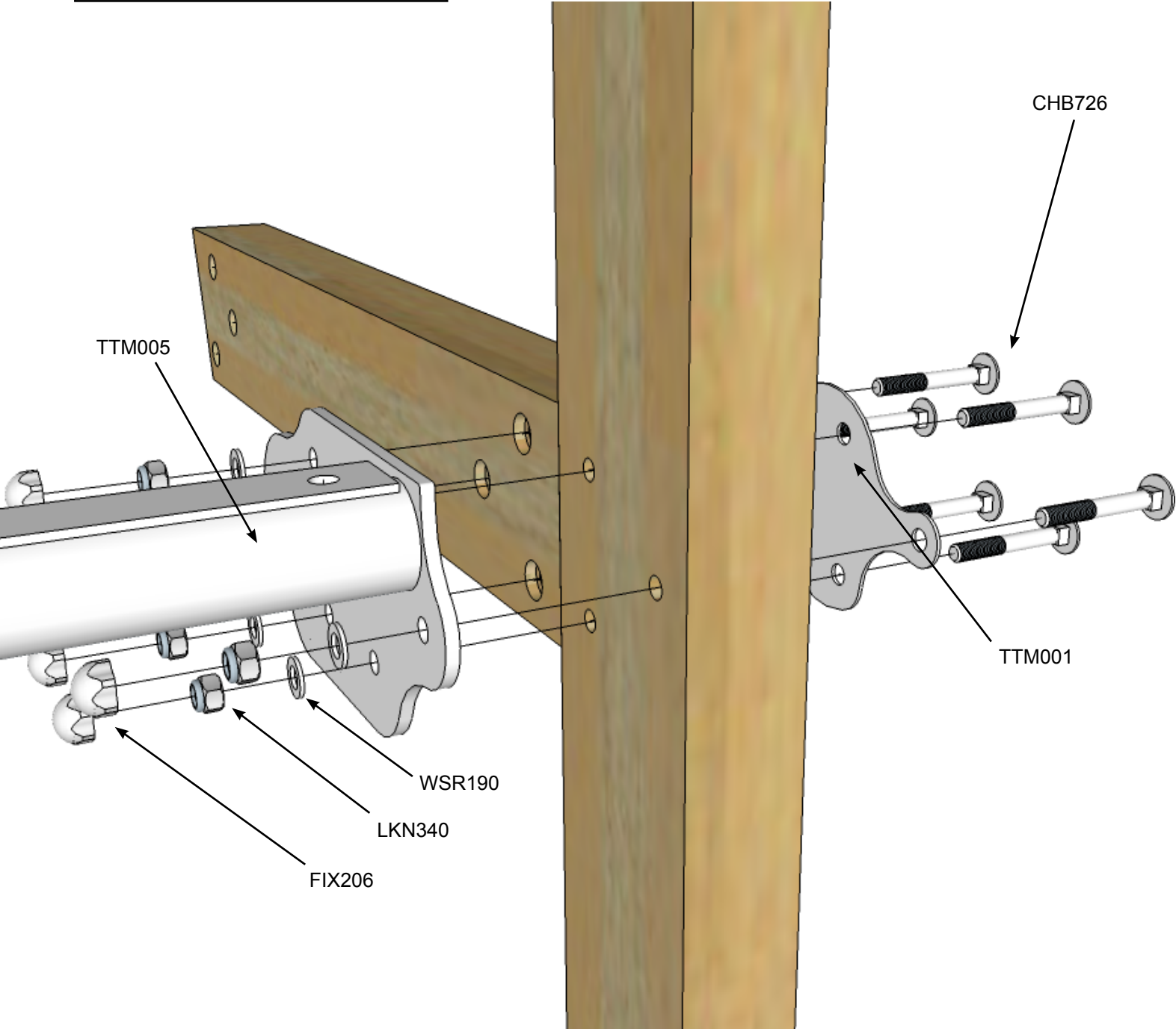
Code	Description	Qty
CHB726	M16 x 140 Cup Head Coach Bolt	6
FIX206	M16 Nut Cover	6
LKN340	M16 Nylock Nut	6
WSR190	M16 Plain Washer	6

Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay

DECK SUPPORT FIXINGS



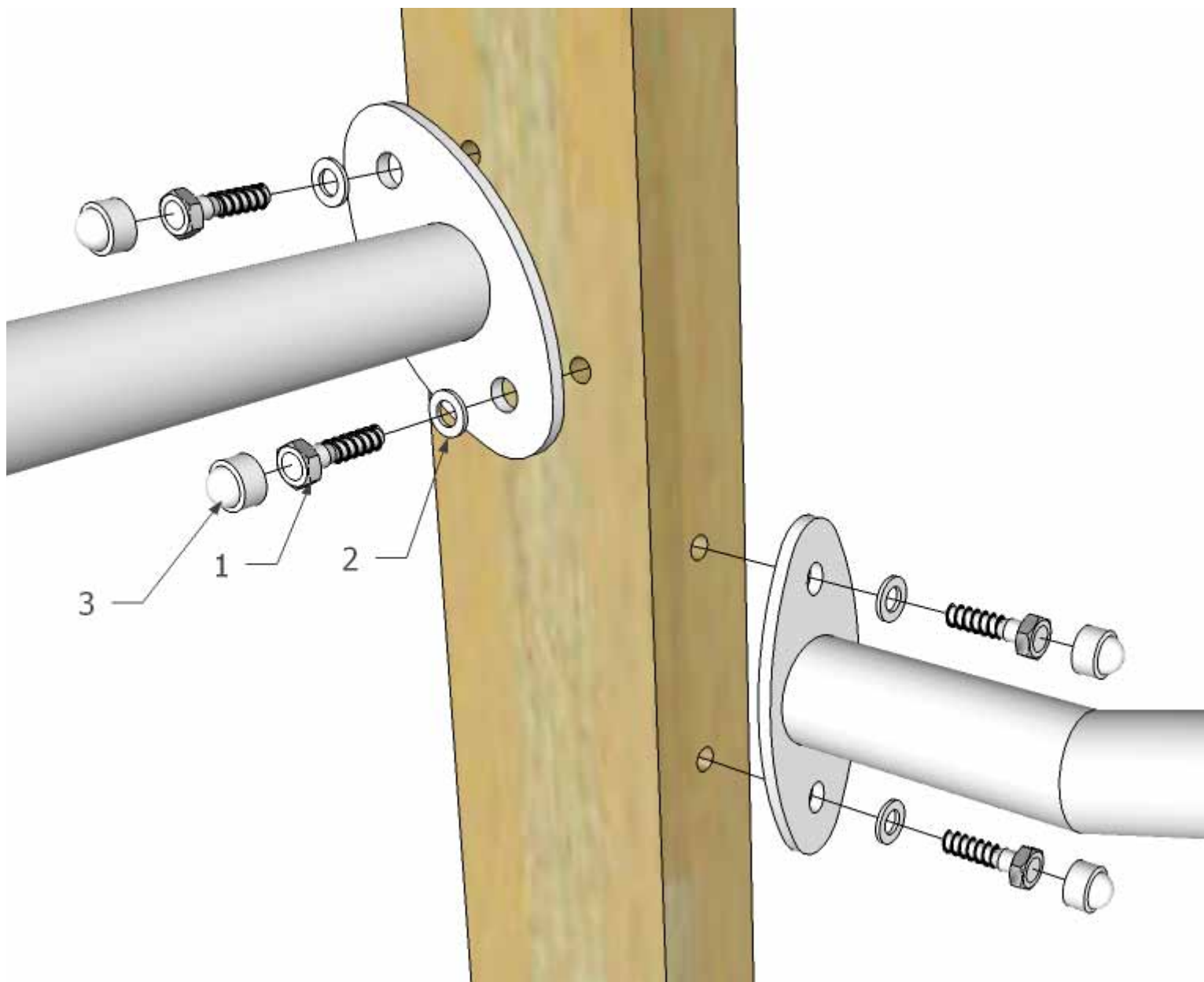
Code	Description	Qty
CHB726	M16 x 140 Cup Head Bolt	6
FIX206	M16 Grey Nut Cover	6
LKN340	M16 Nylock Nut	6
WSR190	M16 Plain Washer	6
TTM005	Deck Support Rail	

Ttu001

Treetops Unit Installation Instructions

SUPPORT RAIL FIXINGS

design
make
play
SutcliffePlay



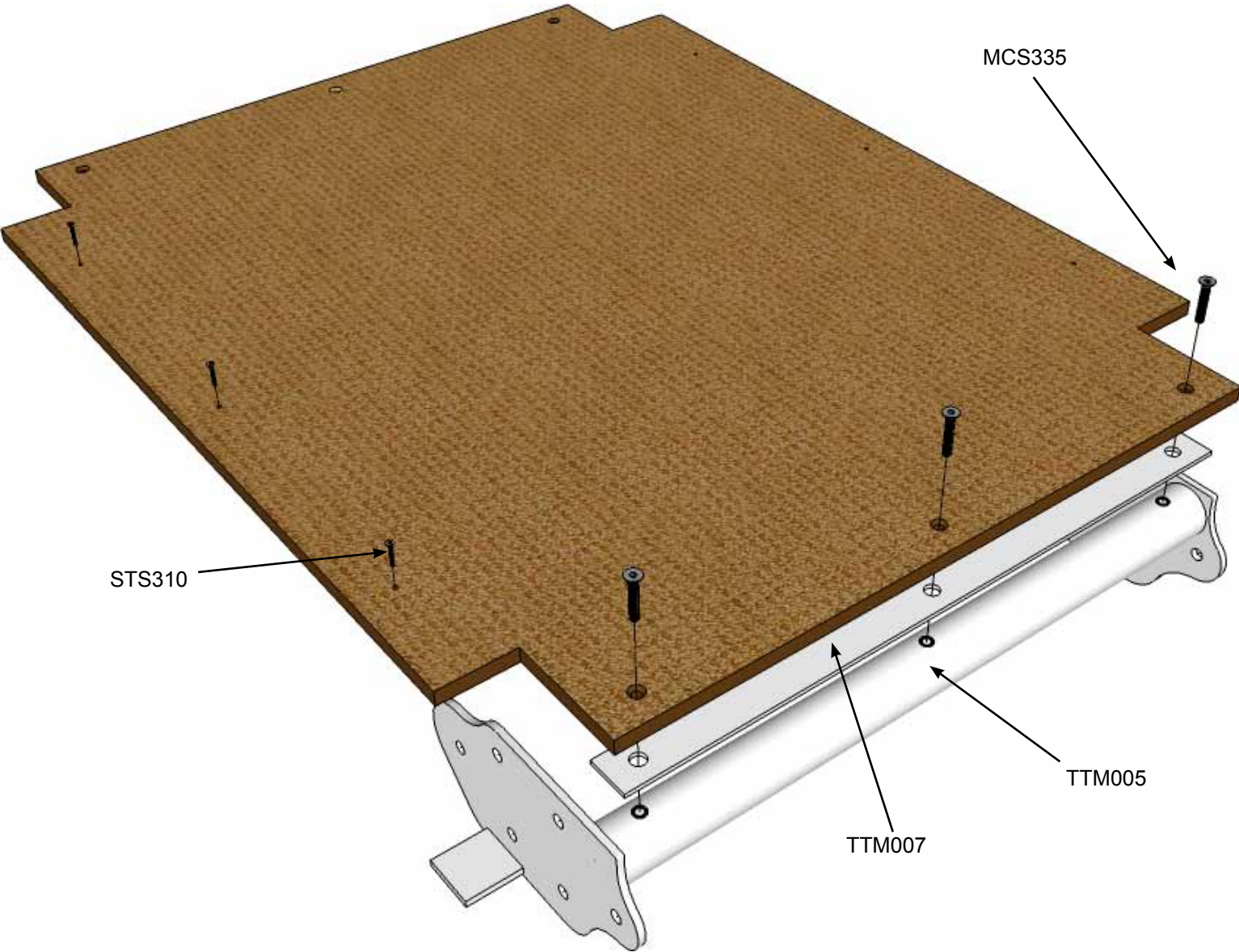
Code	Description	Qty
HSS750	M16 x 60 Coach Screw	2
WSR190	M16 Plain Washer	2
FIX206	M16 Nut Cover	2

Ttu001

Treetops Unit Installation Instructions

DECK BOARD FIXINGS

design
make
play
SutcliffePlay



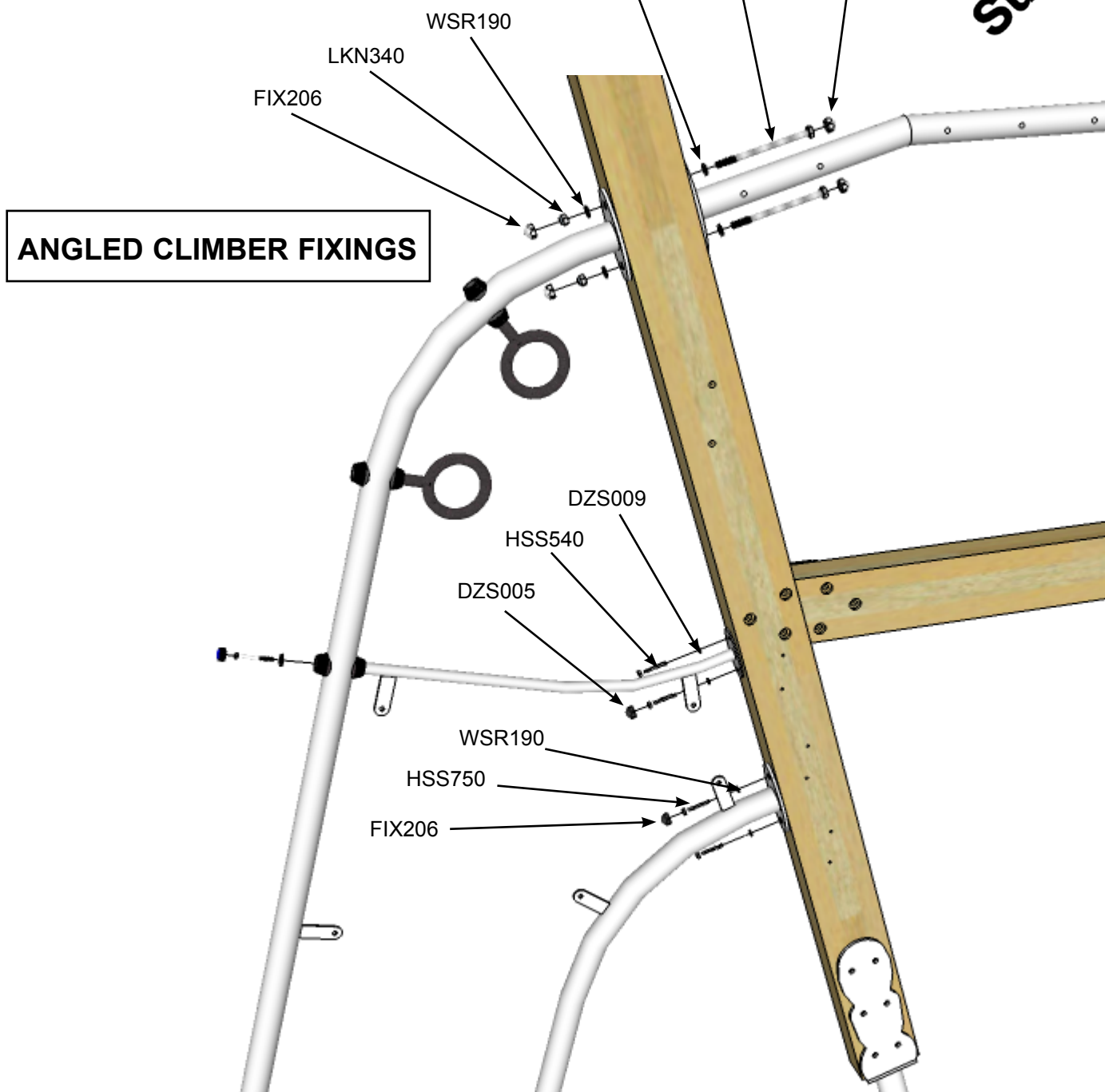
Code	Description	Qty
MCS335	M10 x 50 Countersunk Screw	6
STS310	12 x 2" Countersunk Wood Screw	6
TTM005	Deck Support Rail	2
TTM007	Deck Spacer	2

Ttu001

Treetops Unit Installation Instructions

design
make
play

SutcliffePlay



Code	Description	Qty
HHB765	M16 x 250 Hex Head Bolt	2
WSR190	M16 Plain Washer	6
LKN340	M16 Nyloc Nut	2
FIX206	M16 Nut Cover	6
DZS005	M10 Nut Cover	4
DZS009	M10 Stepped Washer	4
HSS540	M10 x 50 Coach Screw	4
HSS750	M16 x 60 Coach Screw	2

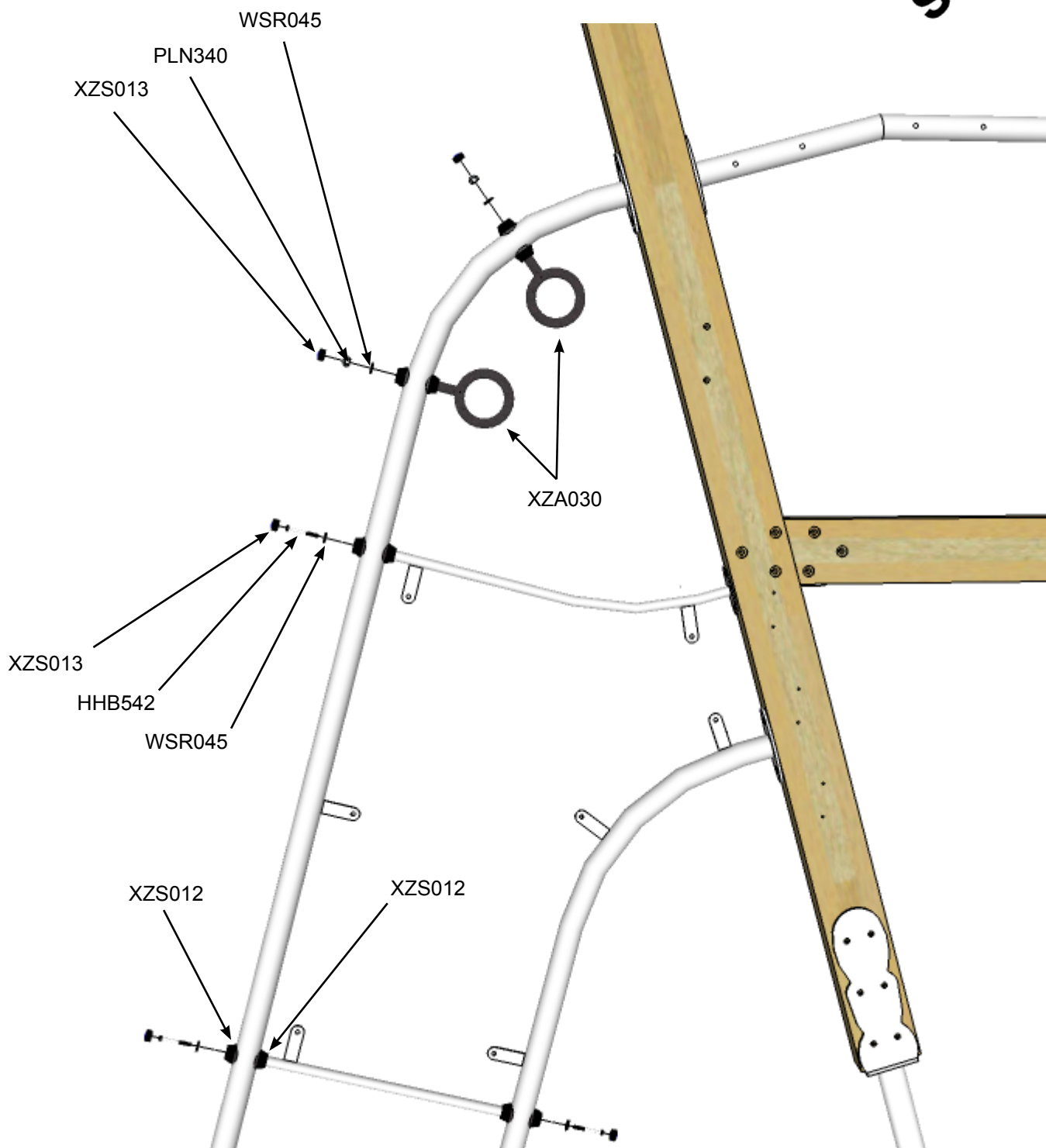
Ttu001

Treetops Unit Installation Instructions

ANGLED CLIMBER FIXINGS

design
make
play

SutcliffePlay



Code	Description	Qty
XZS012	Moulded Sleeve	10
XZS013	Rubber Cap	5
HHB542	M10 x 100 Hex Head Bolt	3
WSR045	Form G Washer	5
PLN340	M16 Plain Nut	2
XZA030	Hanging Ring	2

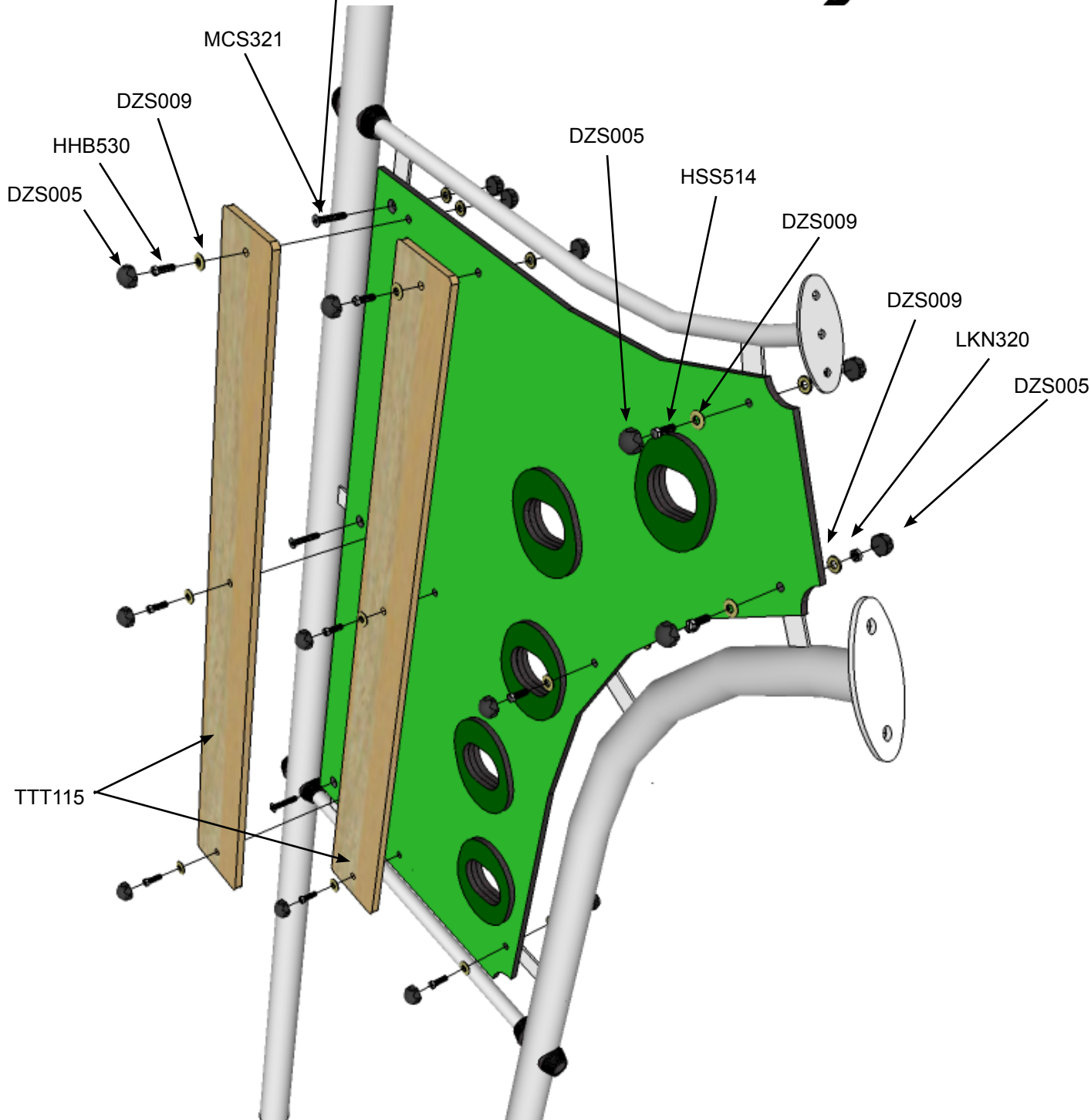
Ttu001

Treetops Unit Installation Instructions

ANGLED CLIMBER BOARD FIXINGS

design
make
play
SutcliffePlay

FIT THE 3 COUNTERSUNK SCREWS IN
THE PANEL BEFORE FITTING THIS PLANK



Code	Description	Qty
DZS005	M10 Nut Cover	23
DZS009	M10 Stepped Washer	23
LKN320	M10 Nyloc Nut	13
HHB530	M10 x 80 Hex Head Bolt	6
MCS321	M10 x 35 Countersunk Head Screw	3
HSS514	M10 x 40 Hex Head Bolt	4

Ttu001

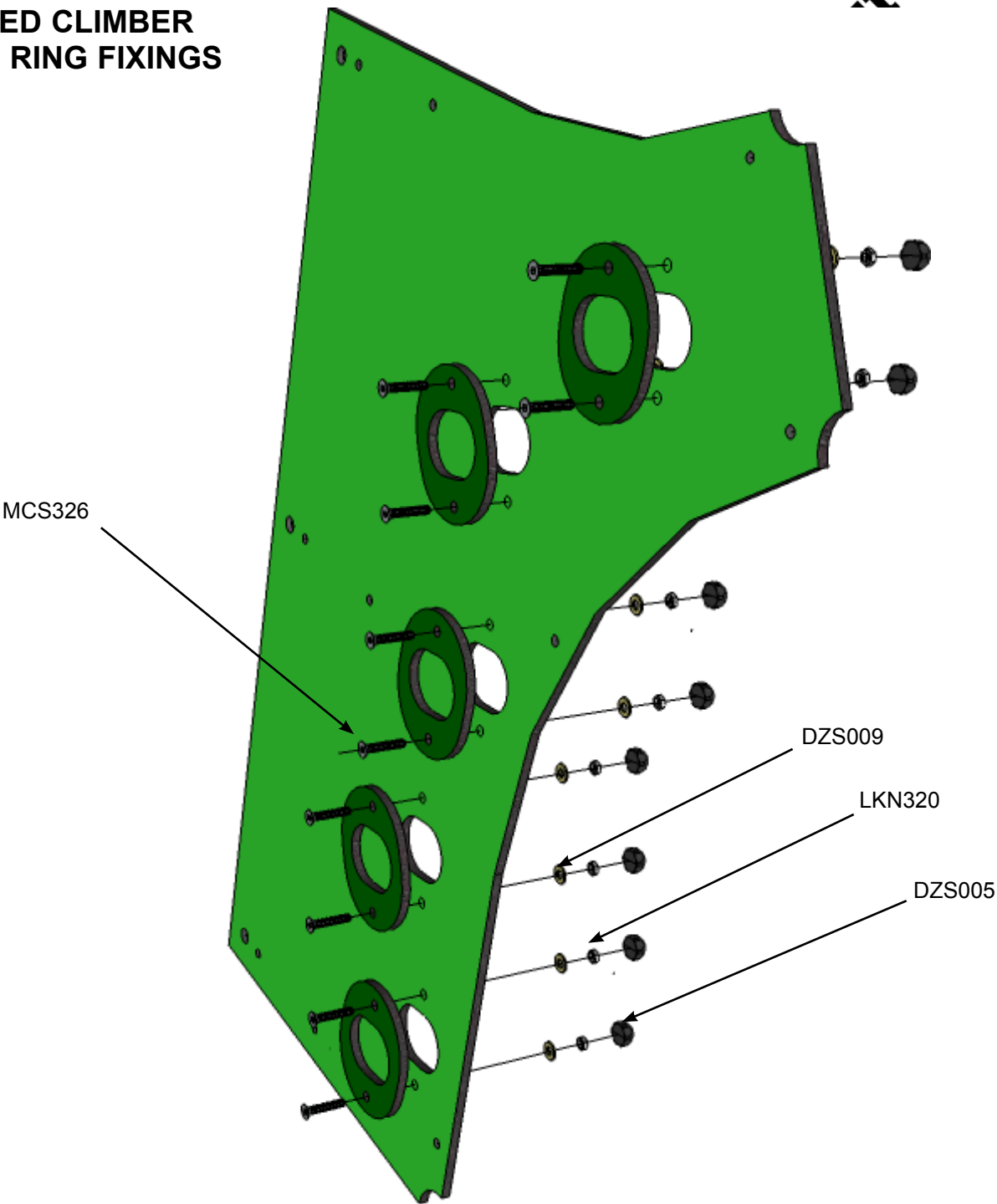
Treetops Unit

Installation Instructions

design
make
play
cliffplay

ANGLED CLIMBER

HAND RING FIXINGS



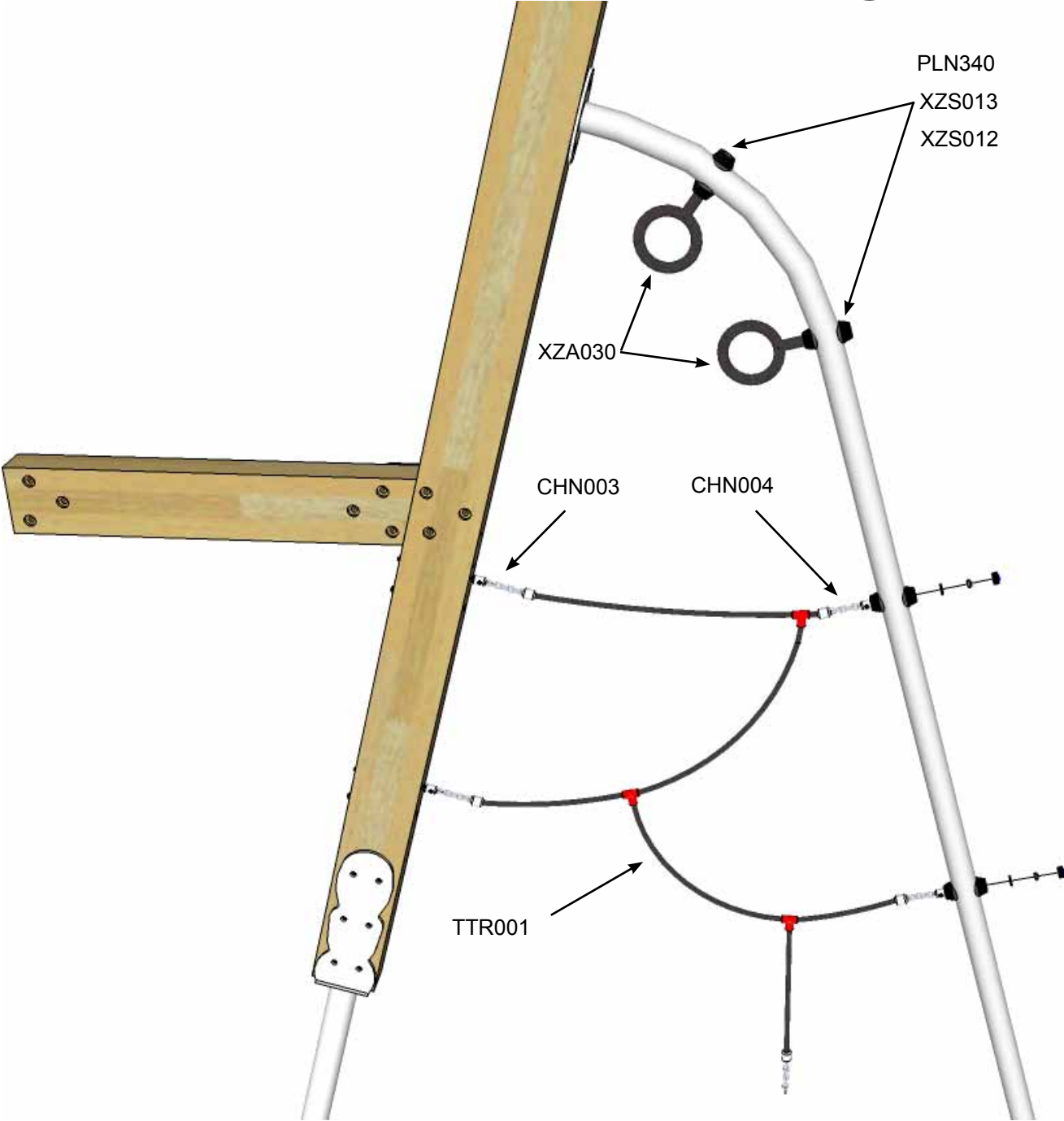
Code	Description	Qty
DZS005	M10 Nut Cover	10
DZS009	M10 Stepped Washer	10
LKN320	M10 Nyloc Nut	10
MCS326	M10 x 40 Countersunk Head Screw	10

Ttu001

Treetops Unit Installation Instructions

LIANA NET FIXINGS

design
make
play
SutcliffePlay



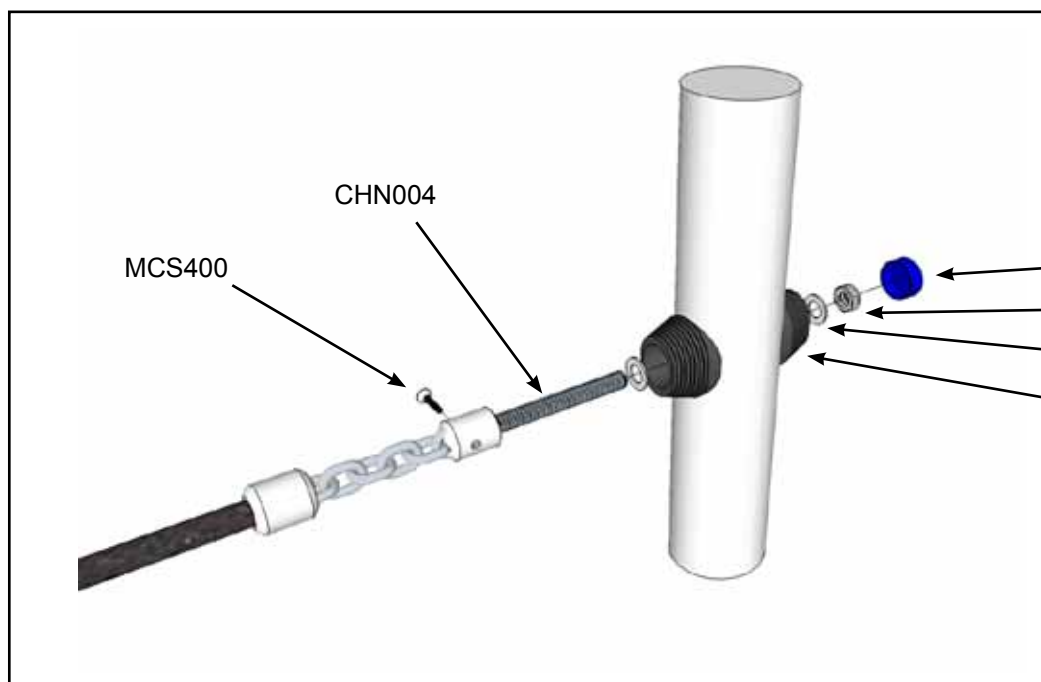
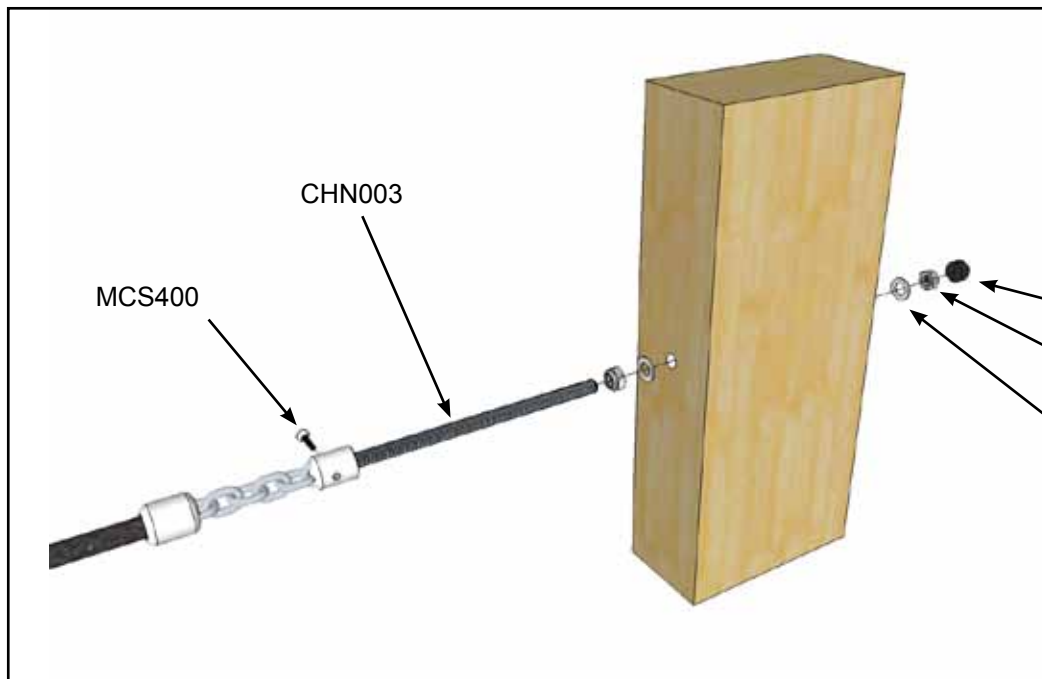
Code	Description	Qty
TTR001	Liana Net	1
CHN003	M12 Bar Chain Adapter Long	2
CHN004	M12 Bar Chain Adapter Short	2
XZA030	Handring Moulding	2
PLN340	M16 Plain Nut	2
XZS013	Rubber Cap	2
XZA012	Moulded Sleeve	4

Ttu001

Treetops Unit Installation Instructions

LIANA NET FIXINGS

design
make
play
SutcliffePlay



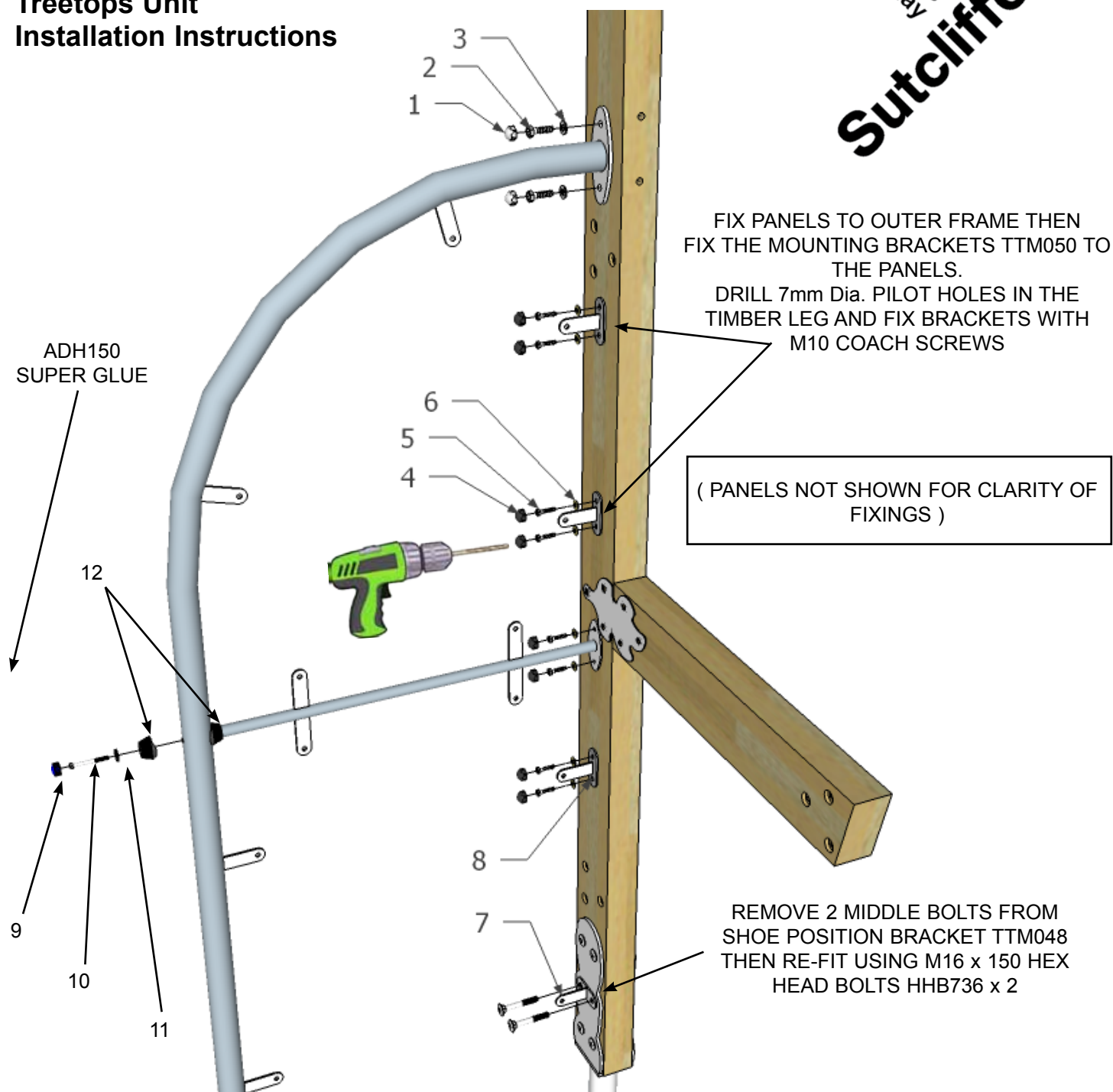
Code	Description	Qty
MCS400	M6 x 25 Countersunk Screw	4
CHN003	M12 Bar Chain Adapter Long	2
CHN004	M12 Bar Chain Adapter Short	2
XZS012	Moulded Sleeve	4
XZS013	Rubber Cap	2
FIX205	M12 Nut Cover	2
LKN330	M12 Nyloc Nut	6
WSR050	M12 Washer	8

Ttu001

Treetops Unit Installation Instructions

VERTICAL CLIMBER FIXINGS

design
make
play
SutcliffePlay



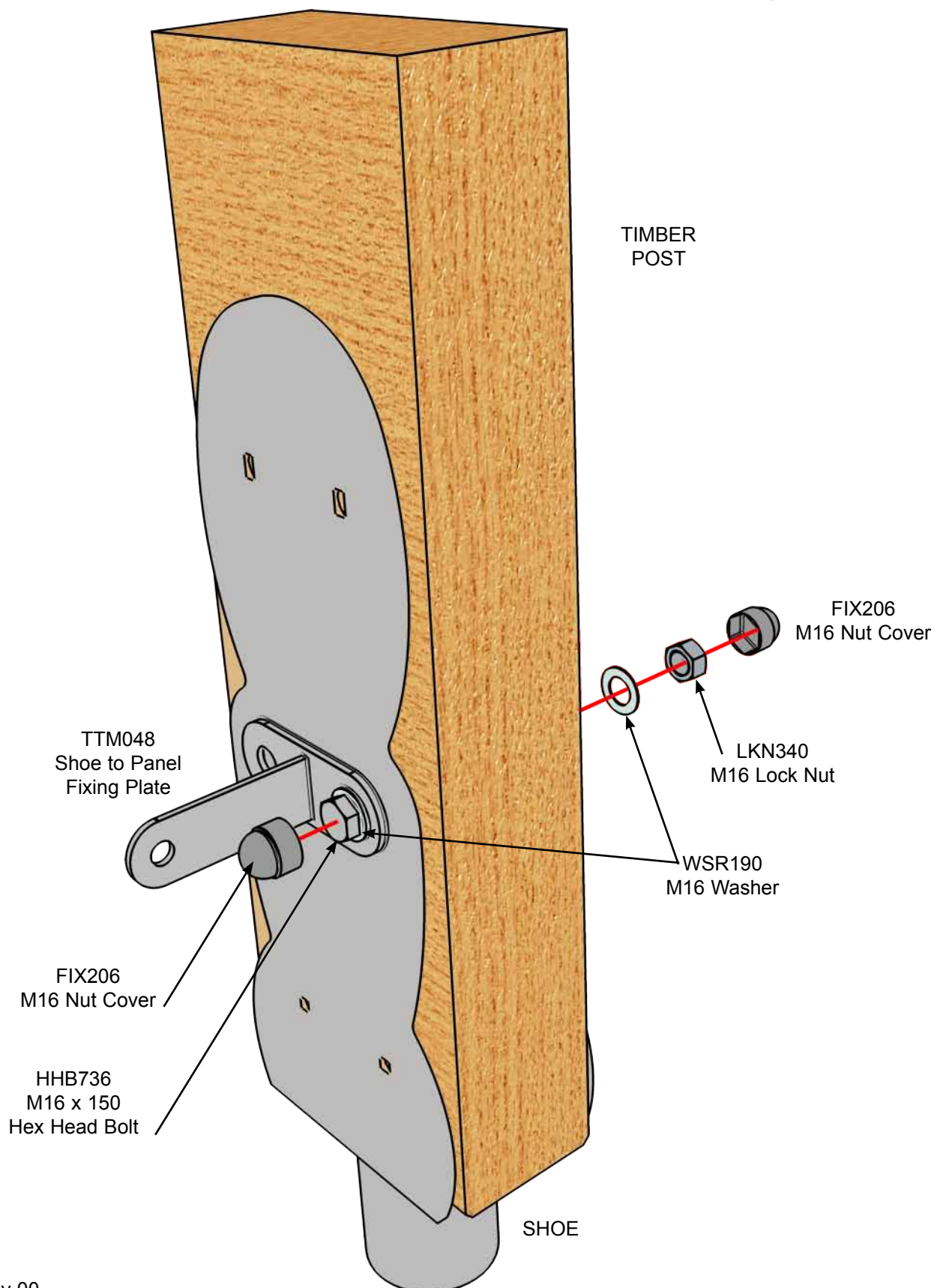
Code	Description	Qty
1. FIX206	M16 Nut Cover	2
2. HSS750	M16 x 60 Coach Screw	2
3. WSR190	M16 Plain Washer	2
4. DZS005	M10 Nut Cover	8
5. HSS540	M10 x 50 Coach Screw	8
6. DZS009	M10 Stepped Washer	8
7. TTM048	Shoe / Leg Fixing Bracket	1
8. TTM050	Panel / Leg Fixing Bracket	3
9. XZS013	Rubber Cap	1
10. HHB542	M10 x 100 Hex Head Bolt	1
11. WSR045	Form G Washer	1
12. XZS012	Moulded Sieve	2

Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay

LOWER BOARD FIXING BRACKET FOR VERTICAL CLIMBER

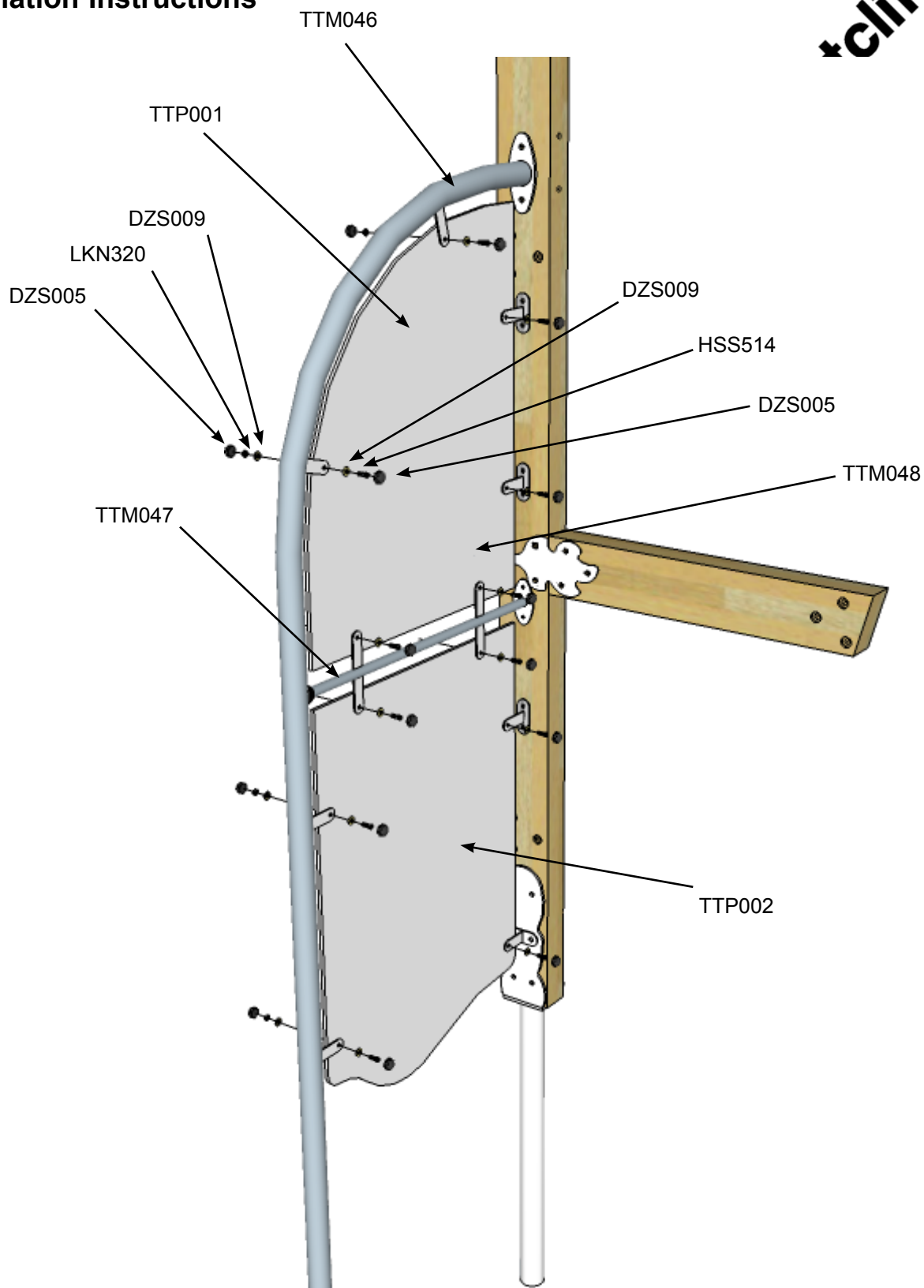


Ttu001

Treetops Unit Installation Instructions

BOARD FIXINGS FOR VERTICAL CLIMBER

design
make
play
cliffplay



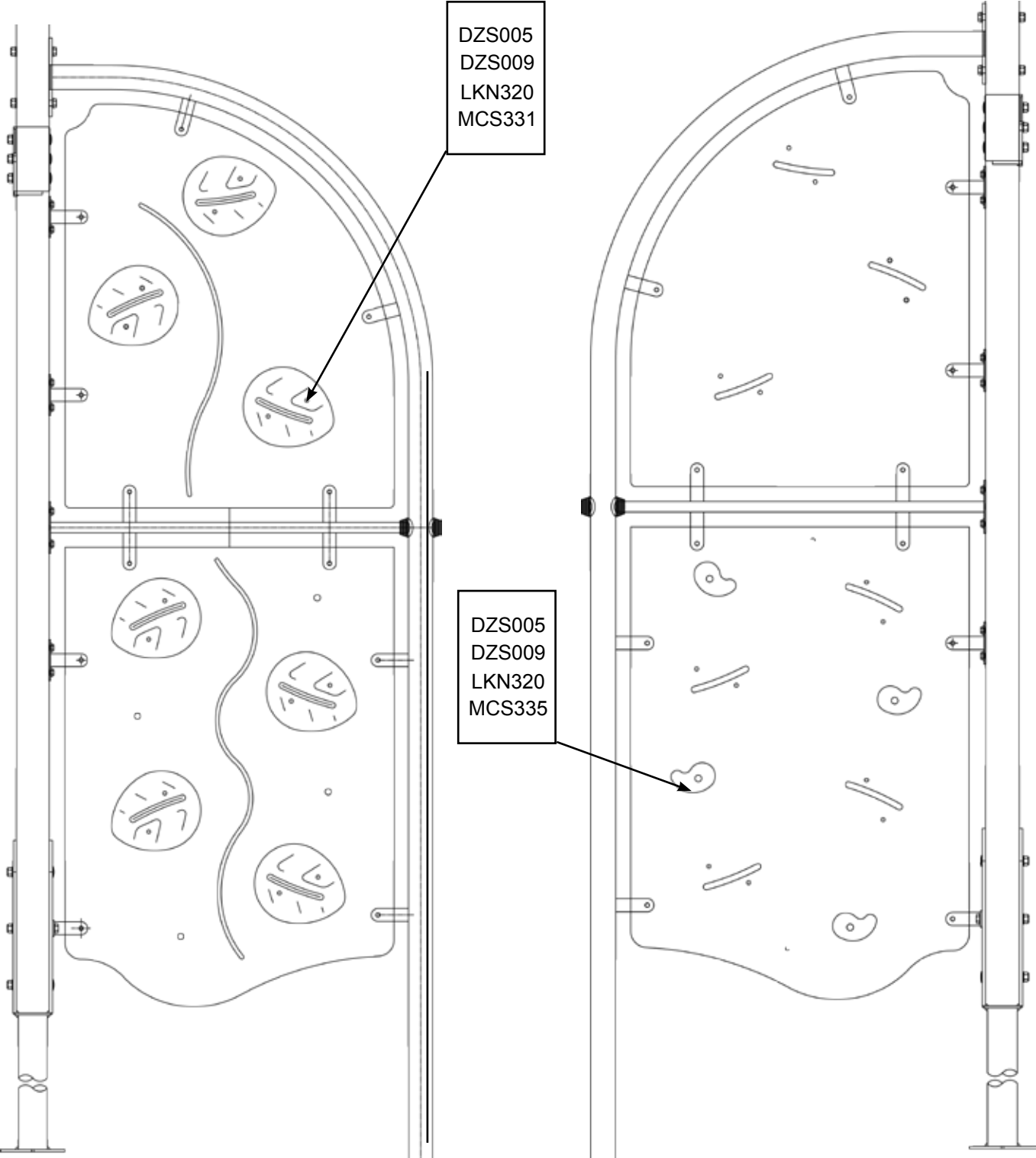
Code	Description	Qty
HSS514	M10 x 40 Hex Head Bolt	12
DZS005	M10 Nut Cover	24
DZS009	M10 Stepped Washer	24
LKN320	M10 Nylock Nut	12

Ttu001

Treetops Unit Installation Instructions

BOARD FIXINGS FOR VERTICAL CLIMBER

design
make
play
SutcliffePlay

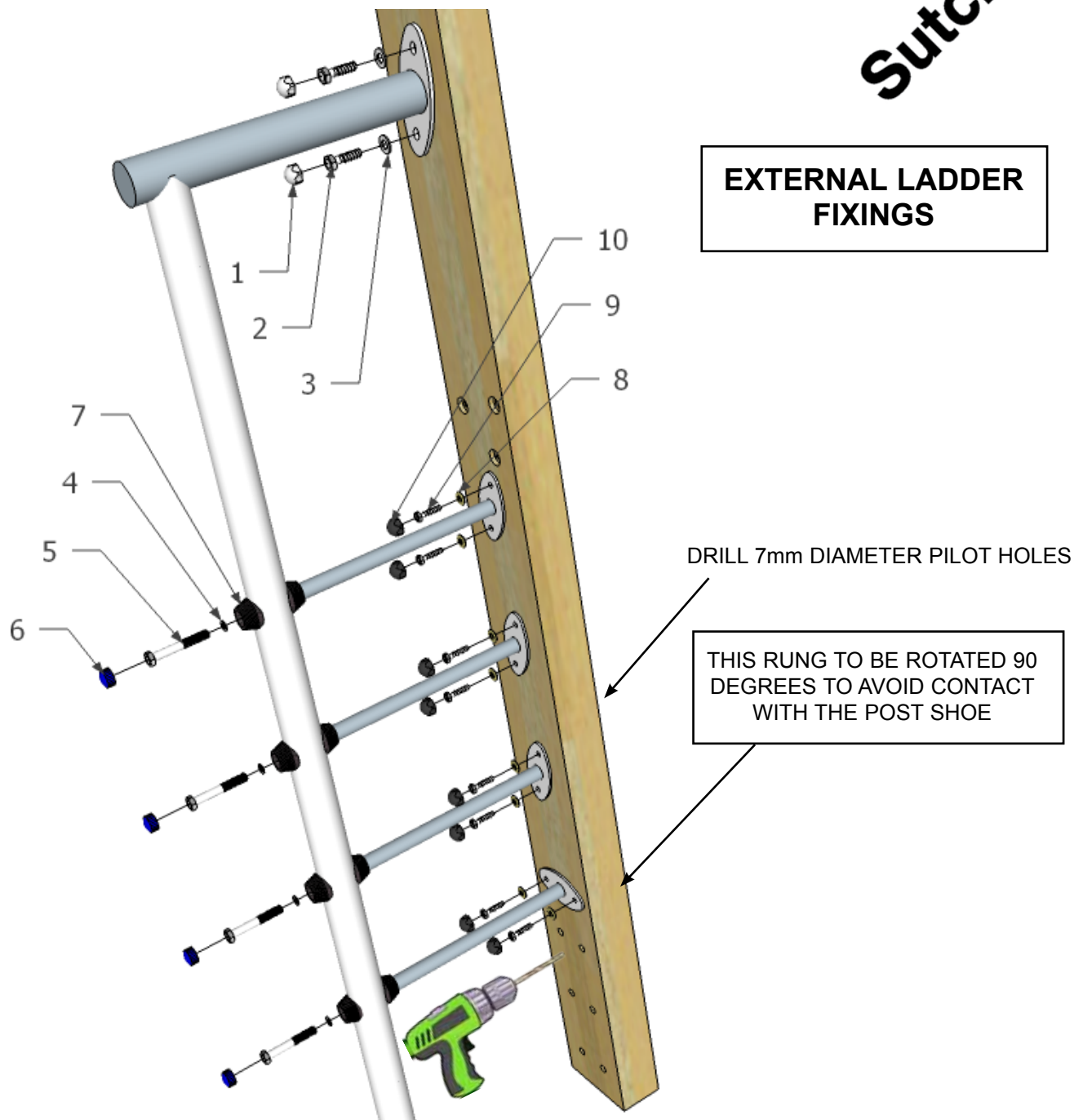


Code	Description	Qty
MCS331	M10 x 45 Countersunk Screw	14
MCS335	M10 x 50 Countersunk Screw	4
DZS005	M10 Nut Cover	18
DZS009	M10 Stepped Washer	18
LKN320	M10 Nylock Nut	18

Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay



Code	Description	Qty
1. FIX206	M16 Nut Cover	2
2. HSS750	M16 x 60 Coach Screw	2
3. WSR190	M16 Plain Washer	2
4. WSR045	Packing Washer	4
5. HHB542	M10 x 100 Hex Head Bolt	4
6. XZS013	Rubber Cap	4
7. XZS012	Moulded Sleeve	8
8. DZS009	M10 Stepped Washer	8
9. HSS540	M10 x 50 Coach Screw	8
10. DZS005	M10 Plastic Nut Cover	8

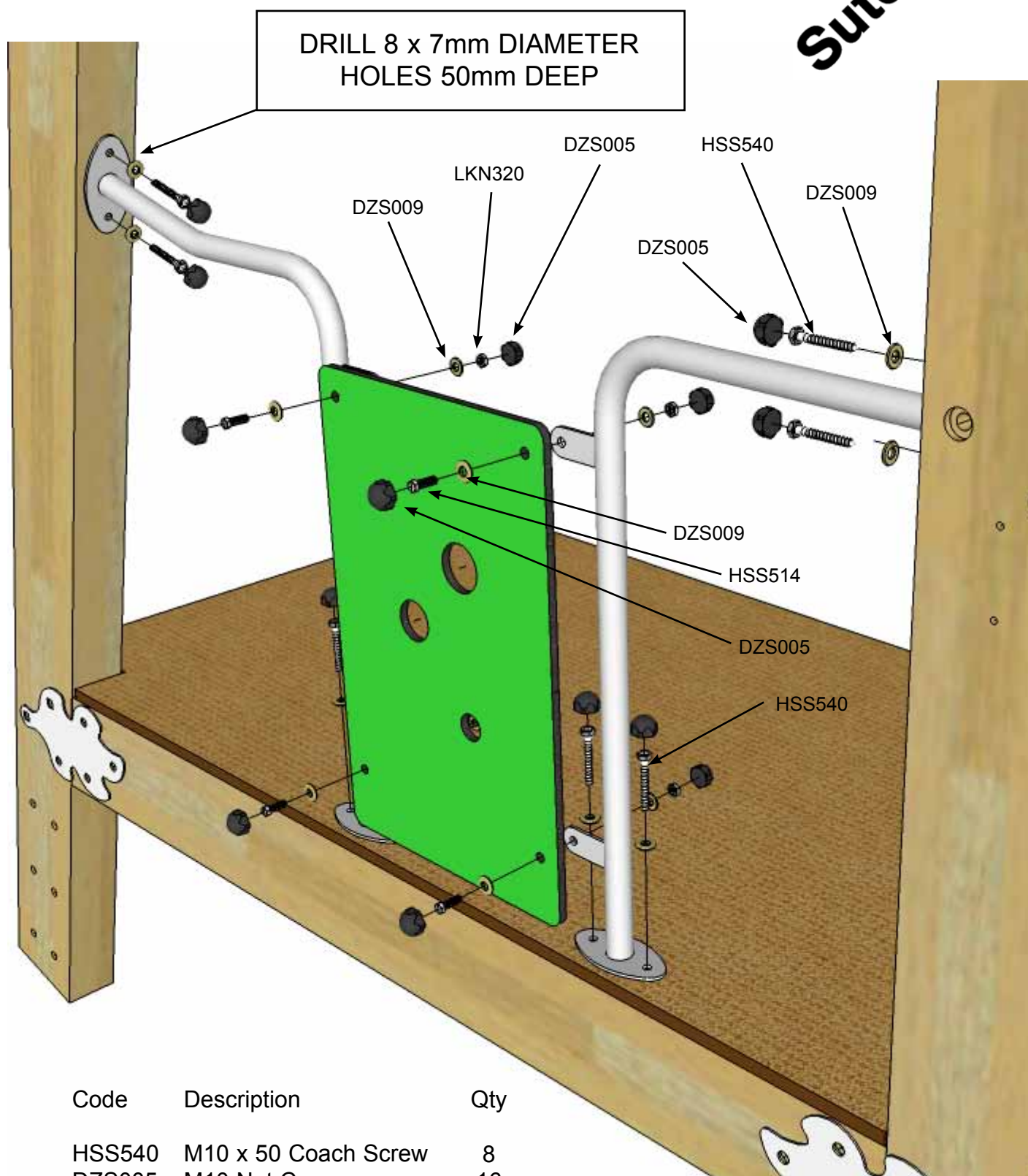
Ttu001

Treetops Unit Installation Instructions

MANGROVE ENTRANCE FIXINGS

design
make
play

SutcliffePlay



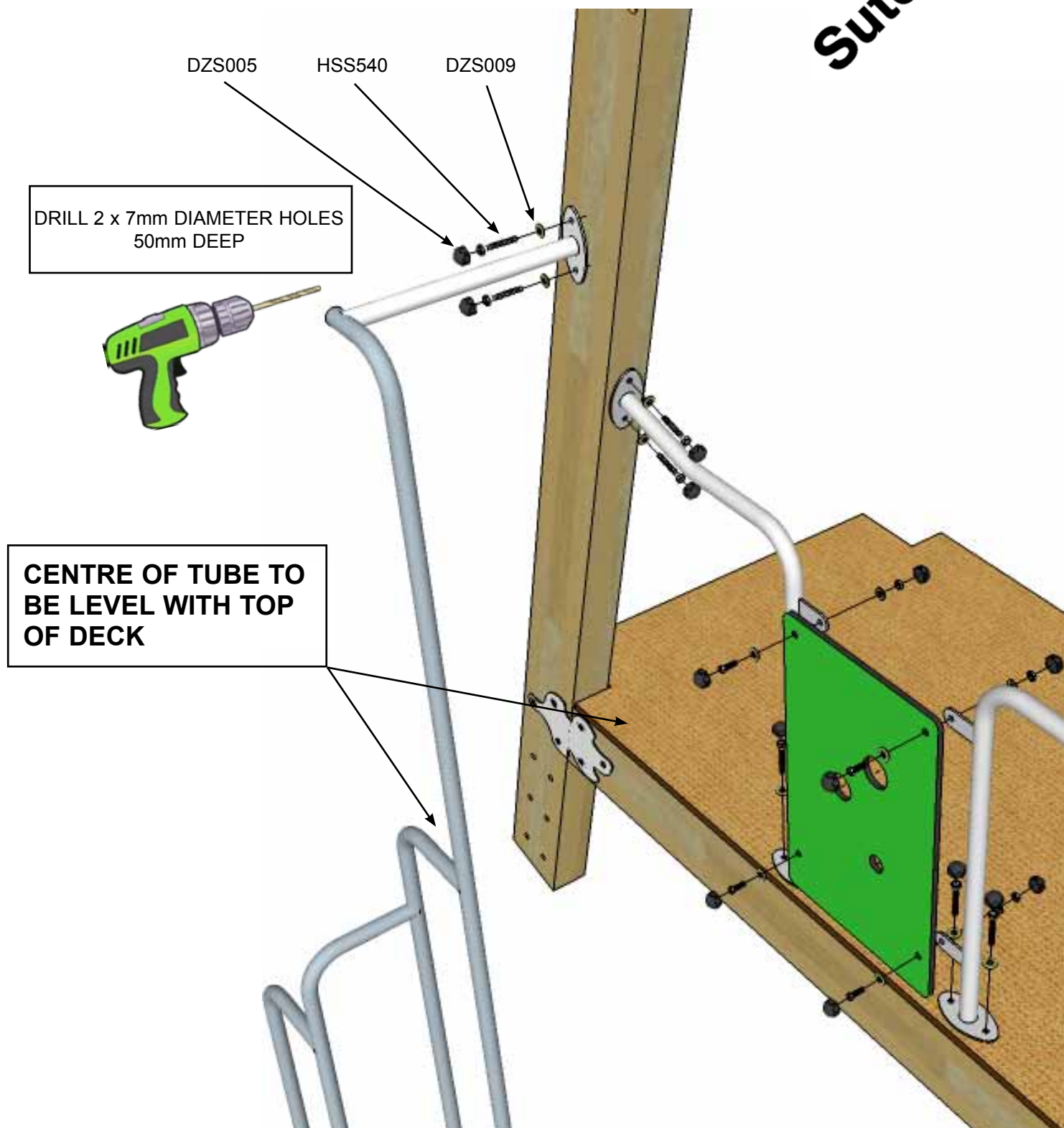
Code	Description	Qty
HSS540	M10 x 50 Coach Screw	8
DZS005	M10 Nut Cover	16
DZS009	M10 Stepped Washer	16
HSS514	M10 x 40 Hex Head Bolt	4
LKN320	M10 Nylock Nut	4

Ttu001

Treetops Unit Installation Instructions

MANGROVE CLIMBER FIXINGS

design
make
play
SutcliffePlay



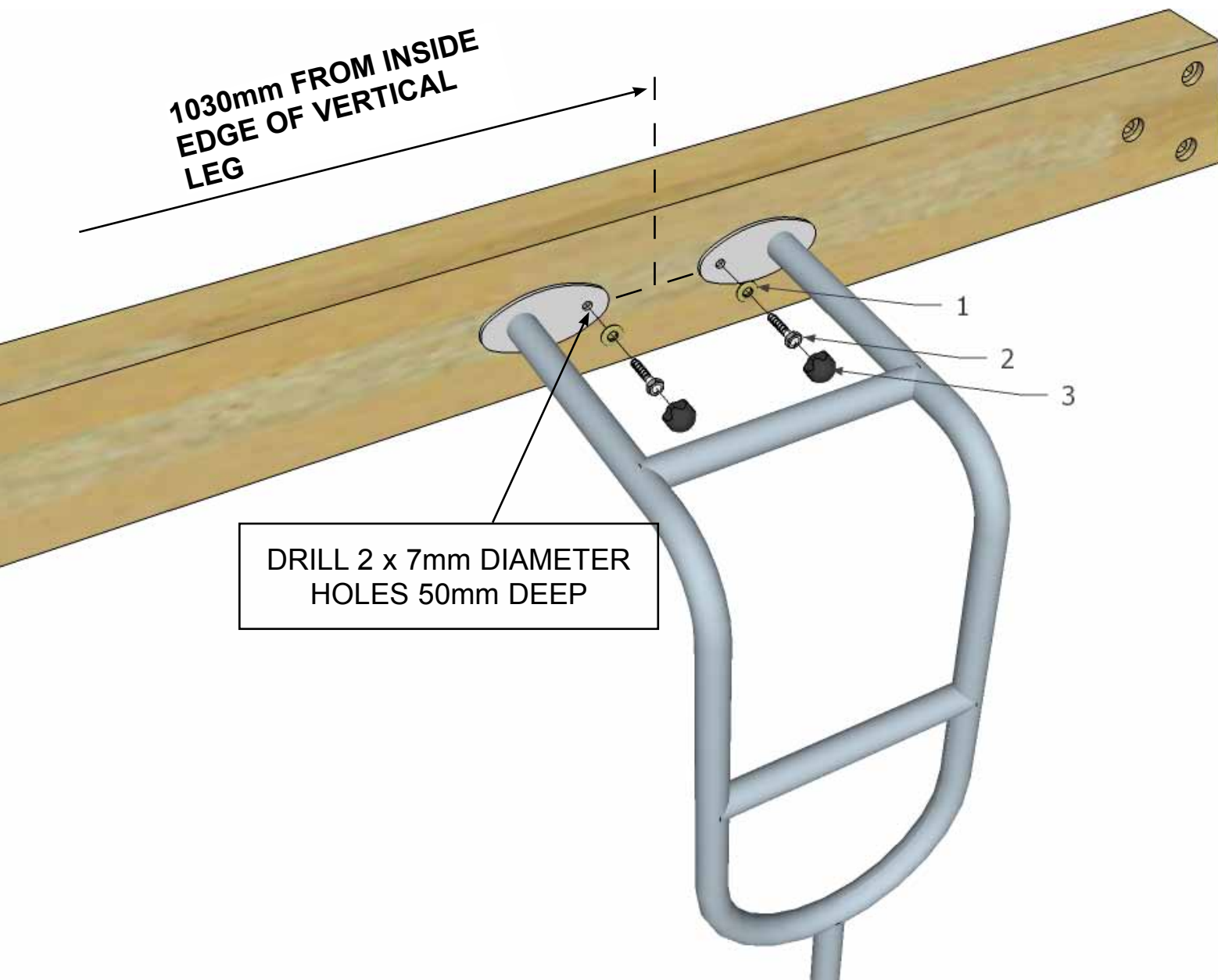
Code	Description	Qty
DZS005	M10 Nut Cover	2
HSS540	M10 x 50 Coach Screw	2
DZS009	M10 Stepped Washer	2

Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay

SMALL EXTERNAL LADDER FIXINGS



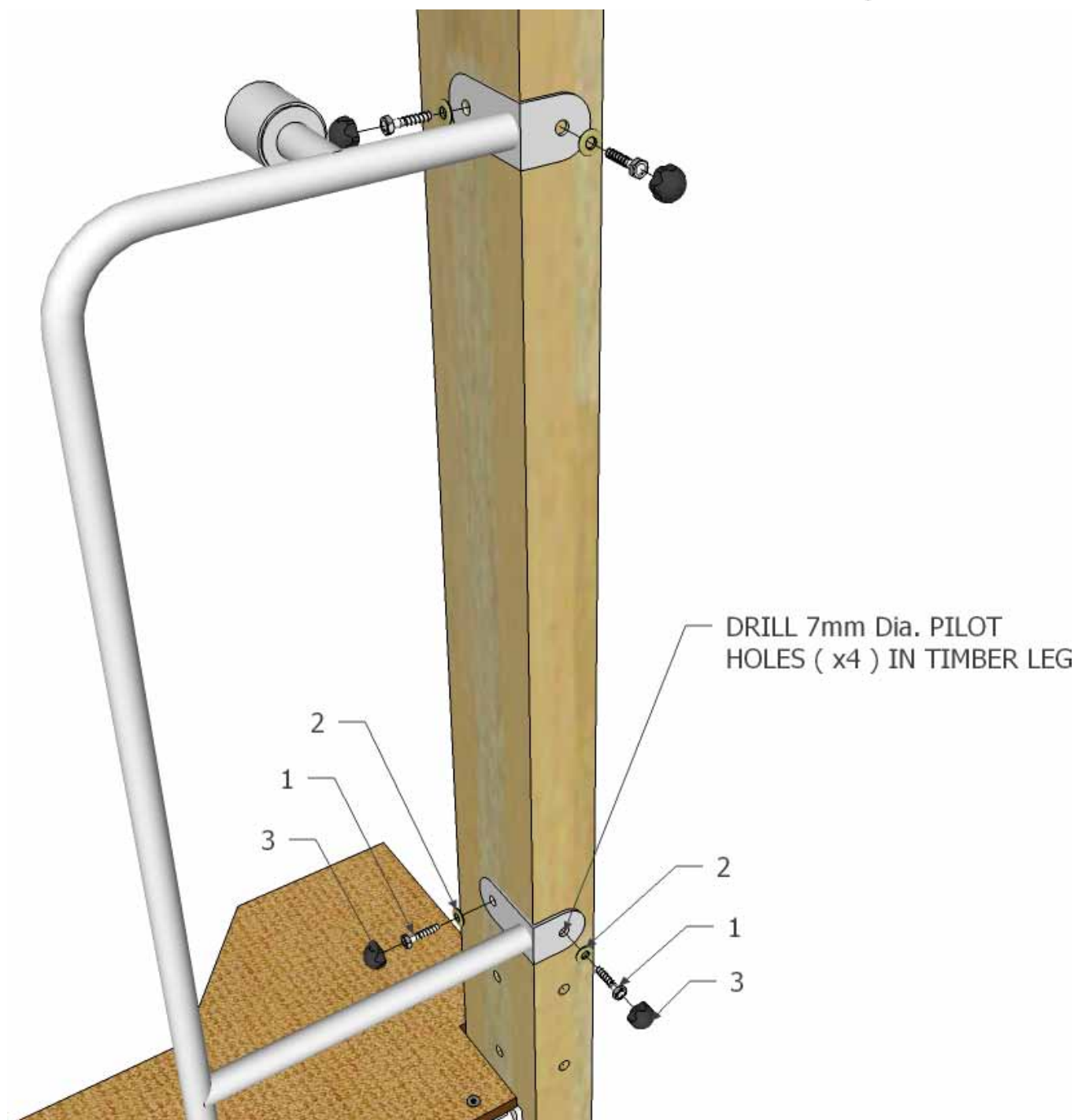
Code	Description	Qty
1. DZS009	M10 Stepped Washer	2
2. HSS540	M10 x 50 Coach Bolt	2
3. DZS005	M10 Nut Cover	2

Ttu001

Treetops Unit Installation Instructions

INTERNAL LADDER FRAME FIXINGS

design
make
play
SutcliffePlay



Code	Description	Qty
1. HSS540	M10 x 50 Coach Bolt	4
2. DZS009	M10 Stepped Washer	4
3. DZS005	M10 Nut Cover	4

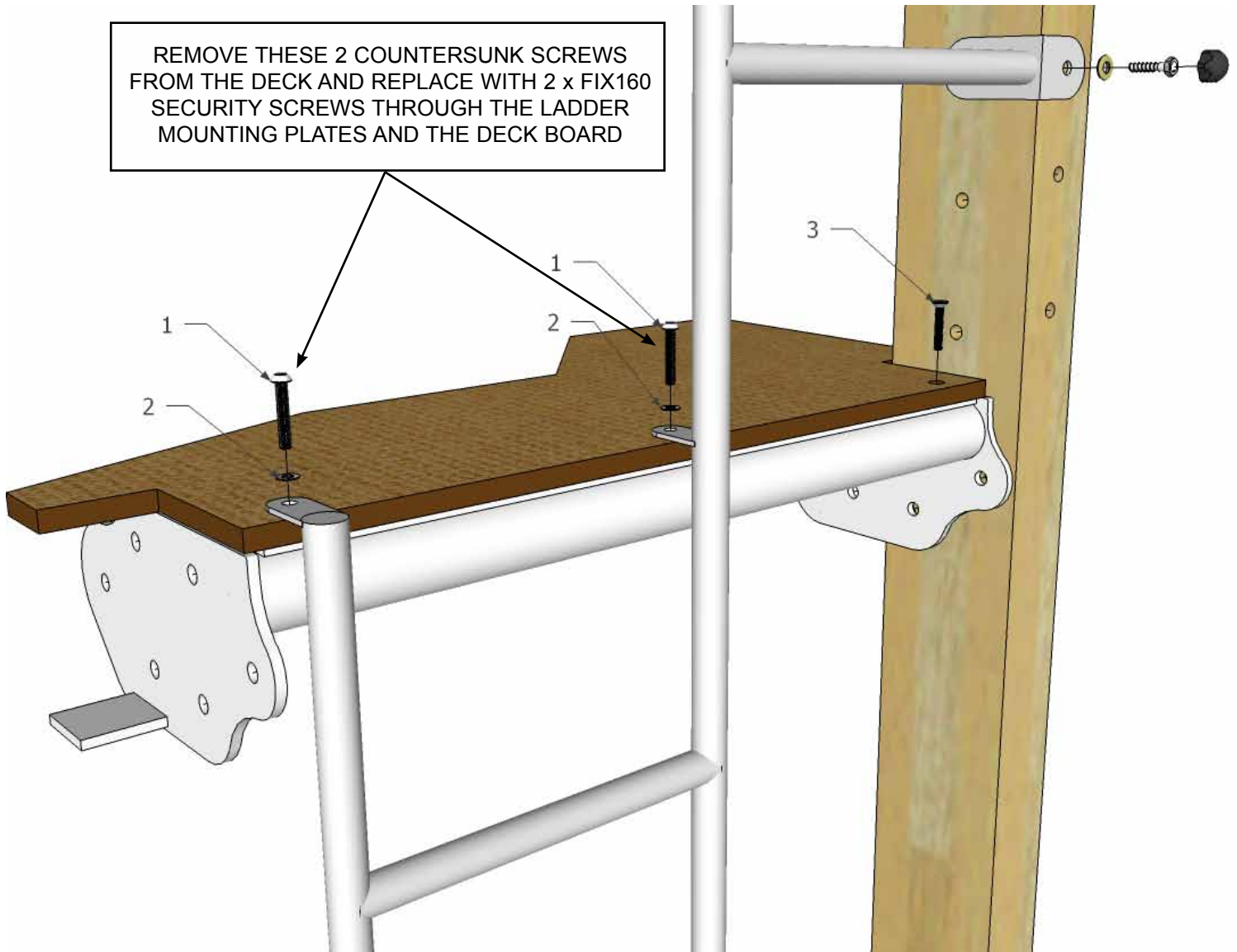
Ttu001

Treetops Unit Installation Instructions

INTERNAL LADDER FRAME FIXINGS

design
make
play
SutcliffePlay

REMOVE THESE 2 COUNTERSUNK SCREWS
FROM THE DECK AND REPLACE WITH 2 x FIX160
SECURITY SCREWS THROUGH THE LADDER
MOUNTING PLATES AND THE DECK BOARD



Code	Description	Qty
1. FIX160	M10 x 50 Security Screw	2
2. WSR040	M10 Plain Washer	2
3. MCS335	M10 x 50 Countersunk Screw	1

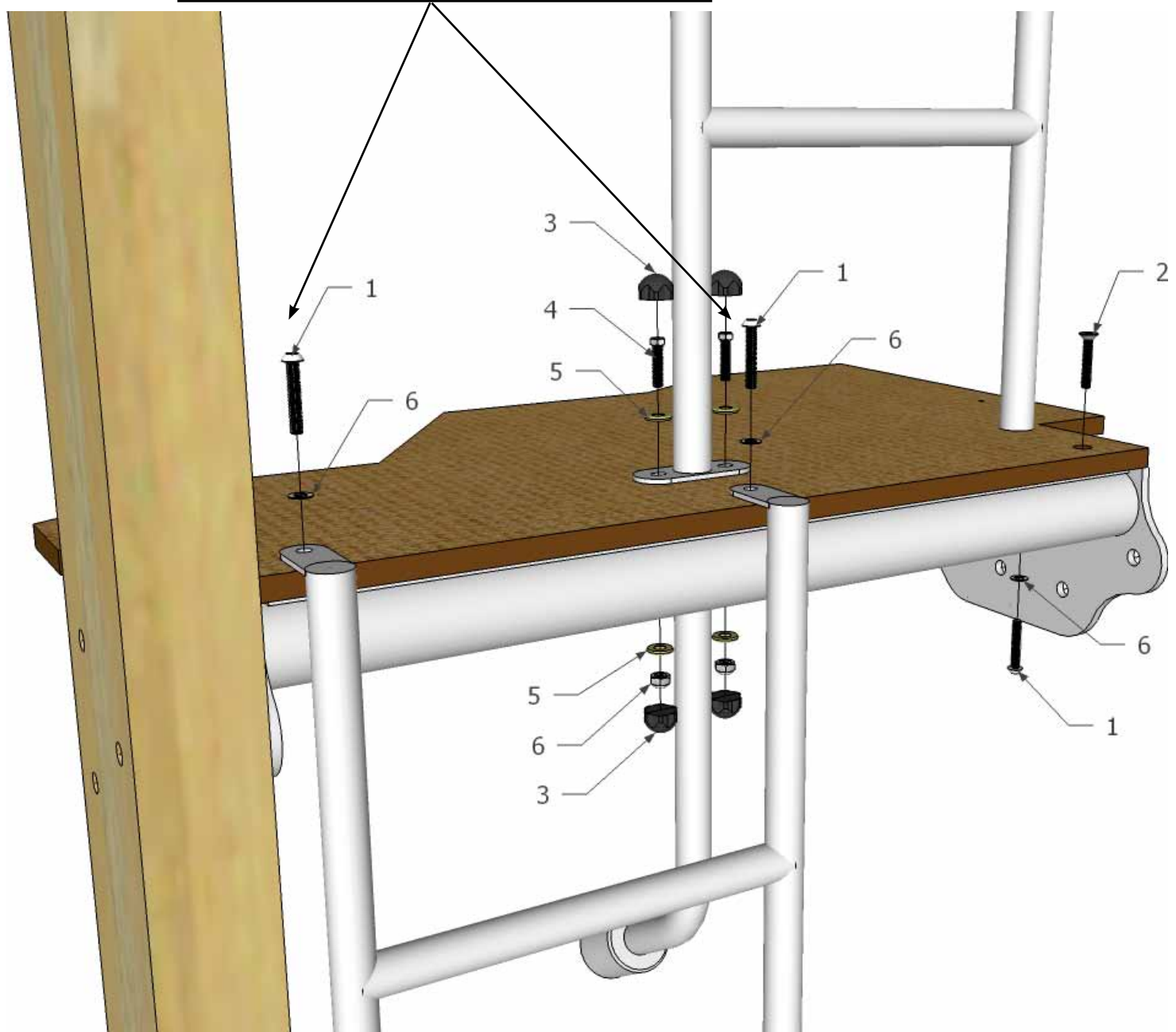
Ttu001

Treetops Unit Installation Instructions

INTERNAL LADDER FRAME FIXINGS

design
make
play
SutcliffePlay

REMOVE THESE 2 COUNTERSUNK SCREWS
FROM THE DECK AND REPLACE WITH 2 x FIX160
SECURITY SCREWS THROUGH THE LADDER
MOUNTING PLATES AND THE DECK BOARD



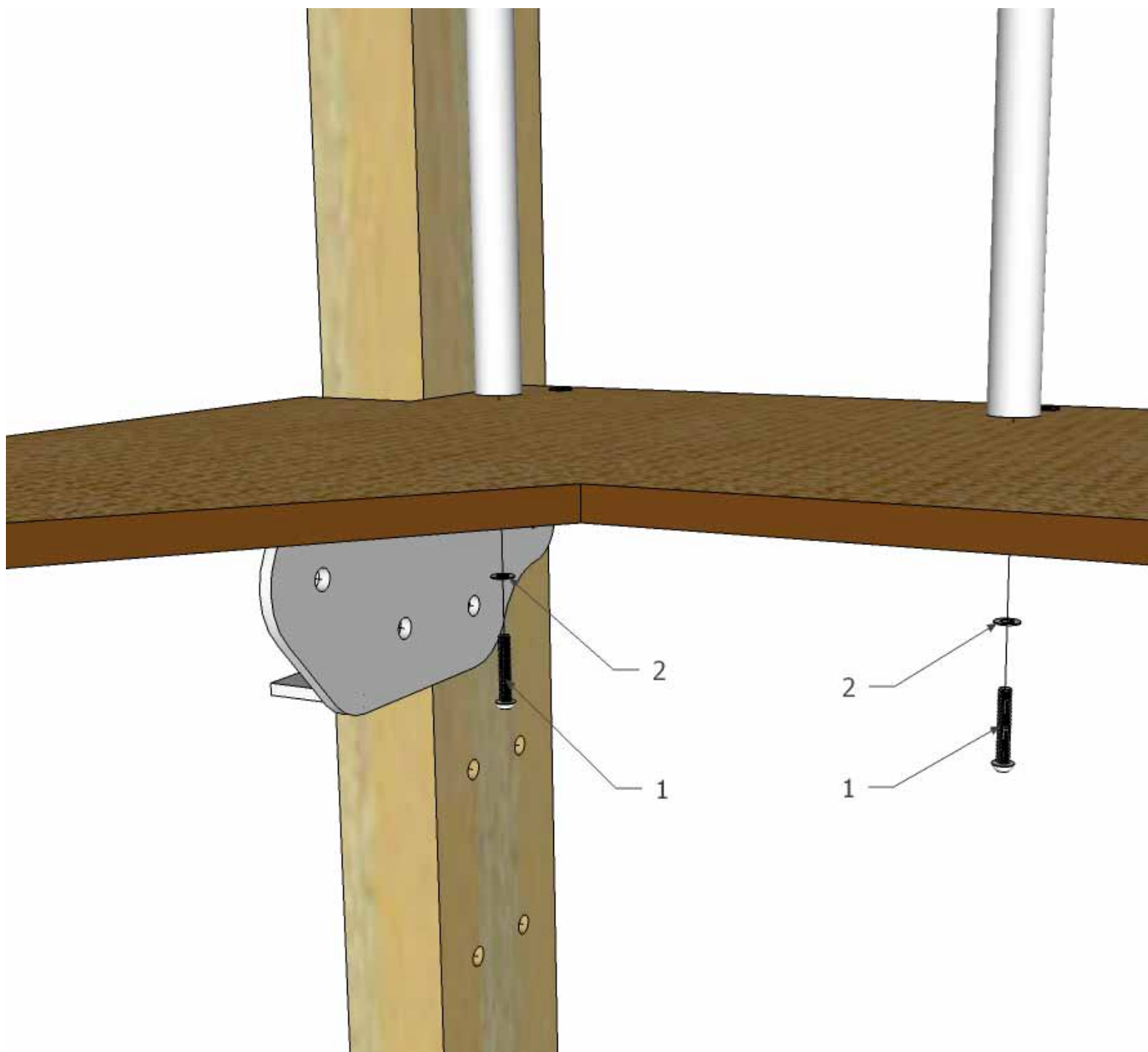
Code	Description	Qty
1. FIX160	M10 x 50 Security Screw	3
2. MCS335	M10 x 50 Countersunk Screw	1
3. DZS005	M10 Nut Cover	4
4. HHB518	M10 x 50 Hex Head Bolt	2
5. DZS009	M10 Stepped Washer	4
6. WSR040	M10 Plain Washer	3

Ttu001

Treetops Unit Installation Instructions

INTERNAL LADDER FRAME FIXINGS

design
make
play
SutcliffePlay



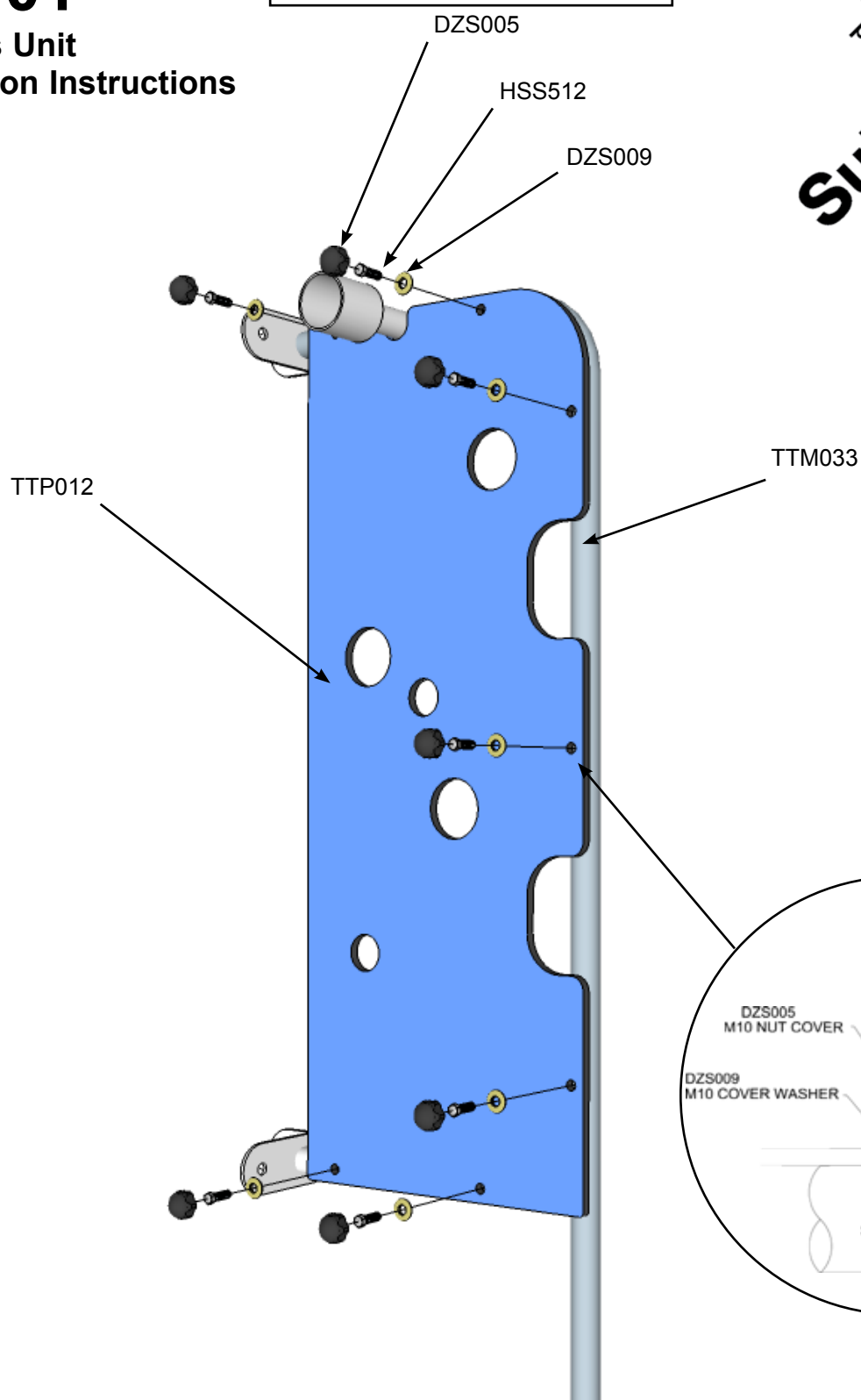
Code	Description	Qty
1. FIX160	M10 x 50 Security Screw	2
2. WSR040	M10 Plain Washer	2

Ttu001

Treetops Unit Installation Instructions

INTERNAL LADDER BOARD FIXINGS

design
make
play
SutcliffePlay



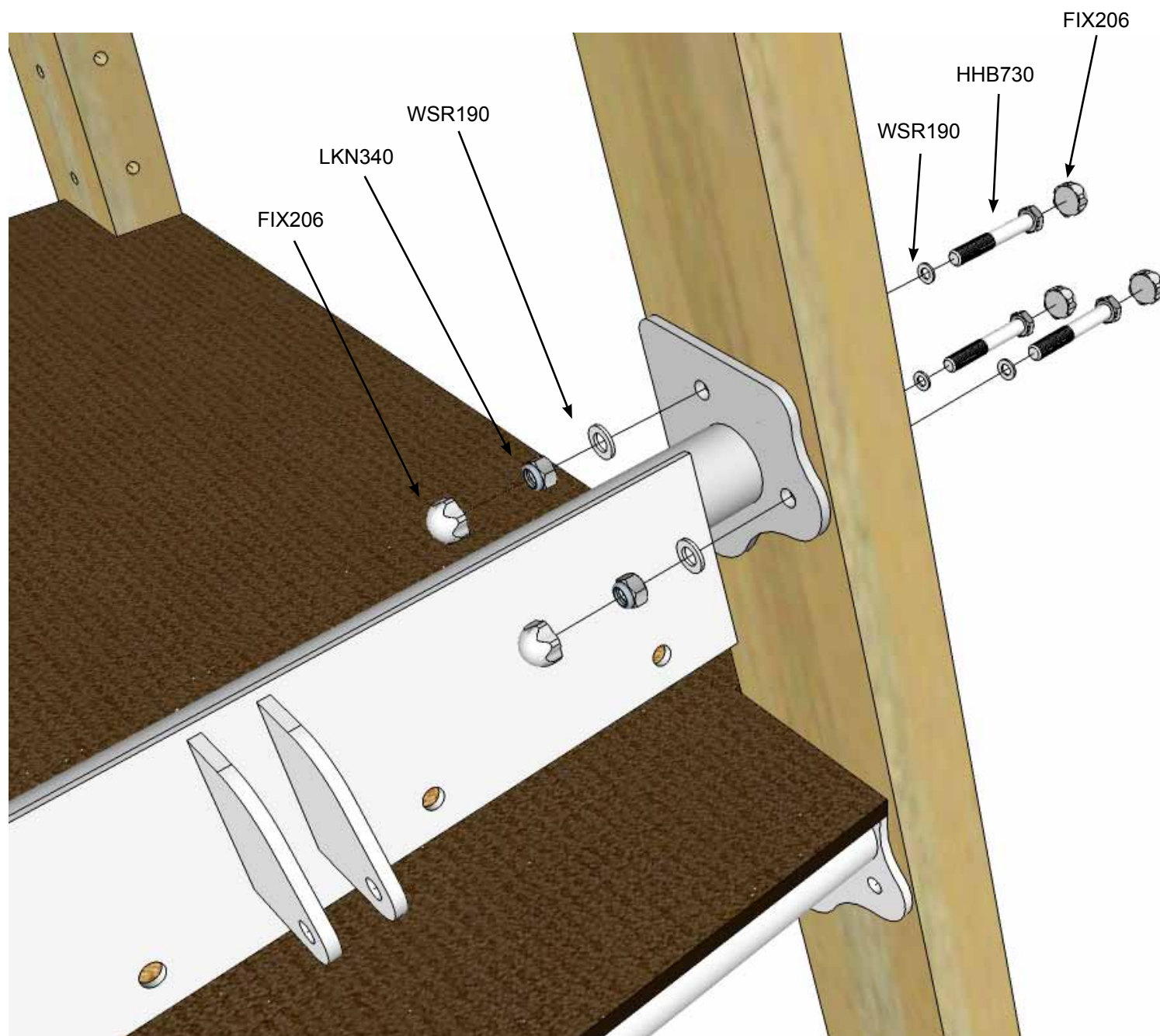
Code	Description	Qty
HSS512	M10 x 35 Hex Head Bolt	7
DZS005	M10 Nut Cover	7
DZS009	M10 Stepped Cover Washer	7

Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay

CABLEWAY SUPPORT RAIL FIXINGS

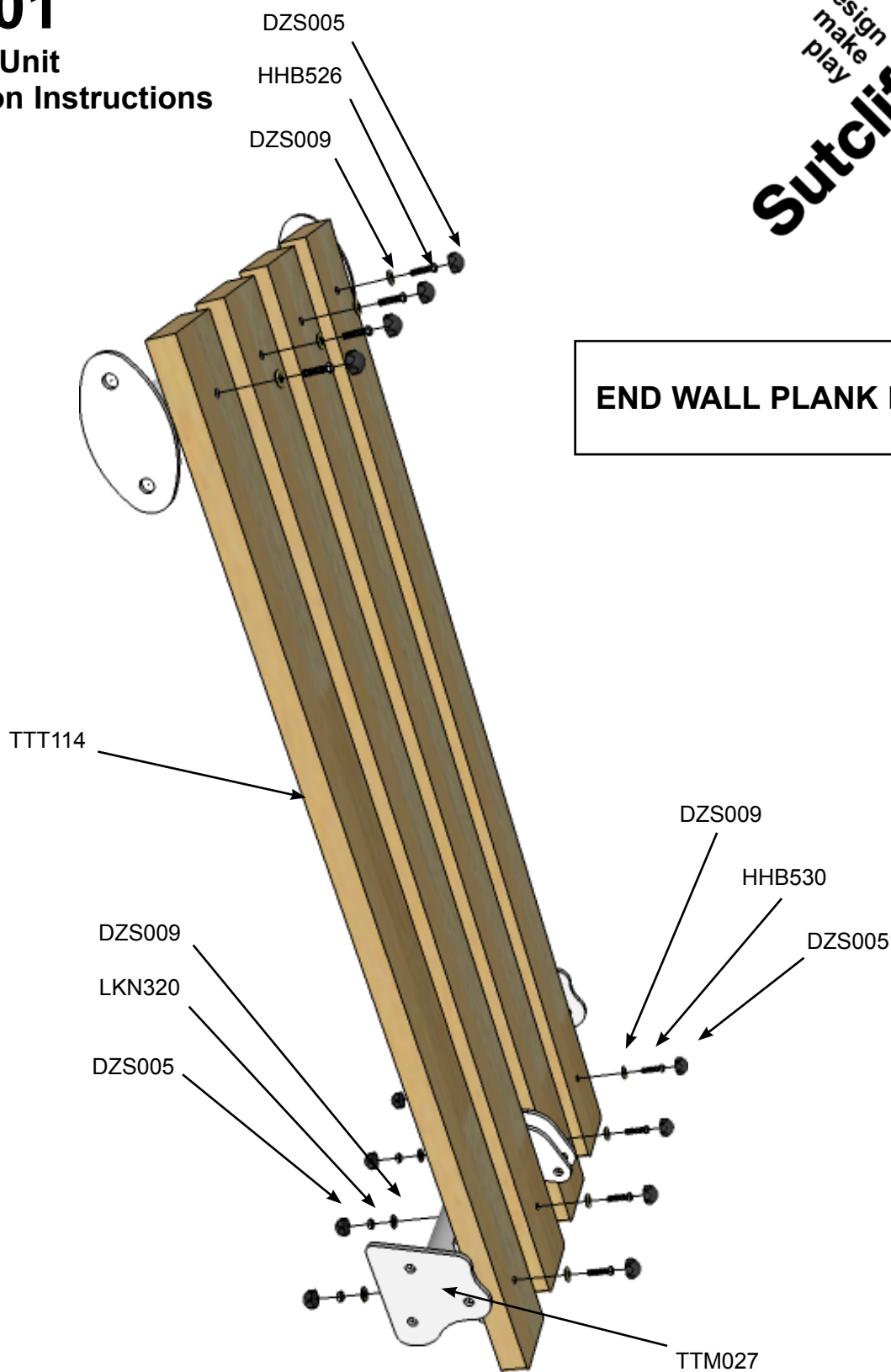


Code	Description	Qty
FIX206	M16 Nut Cover	12
LKN340	M16 Nylock Nut	6
LKN340	M16 Plain Washer	12
HHB730	M16 x 140 Hex Head Bolt	6

Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay



END WALL PLANK FIXINGS

Code	Description	Qty
DZS005	M10 Nut Cover	12
DZS009	M10 Stepped Cover Washer	12
LKN320	M10 Nyloc Nut	4
HHB530	M10 x 80 Hex Head Bolt	4
HHB526	M10 x 70 Hex Head Bolt	4

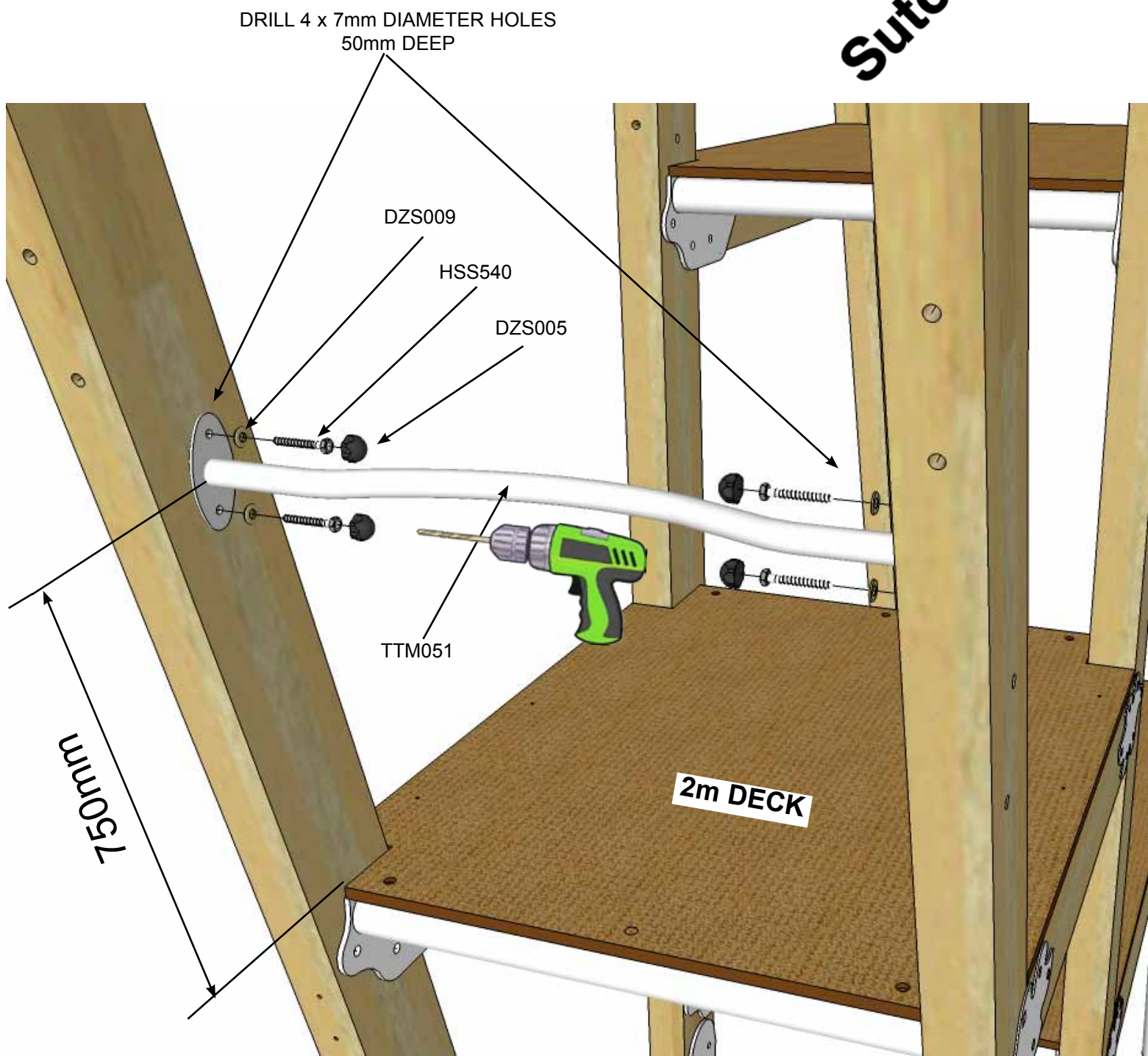
Ttu001

Treetops Unit Installation Instructions

ARCH RAIL FIXINGS

design
make
play

SutcliffePlay



Code	Description	Qty
HSS540	M10 x 50 Coach Screw	4
DZS005	M10 Nut Cover	4
DZS009	M10 Stepped Cover Washer	4
TTM051	Arched Guard Rail	1

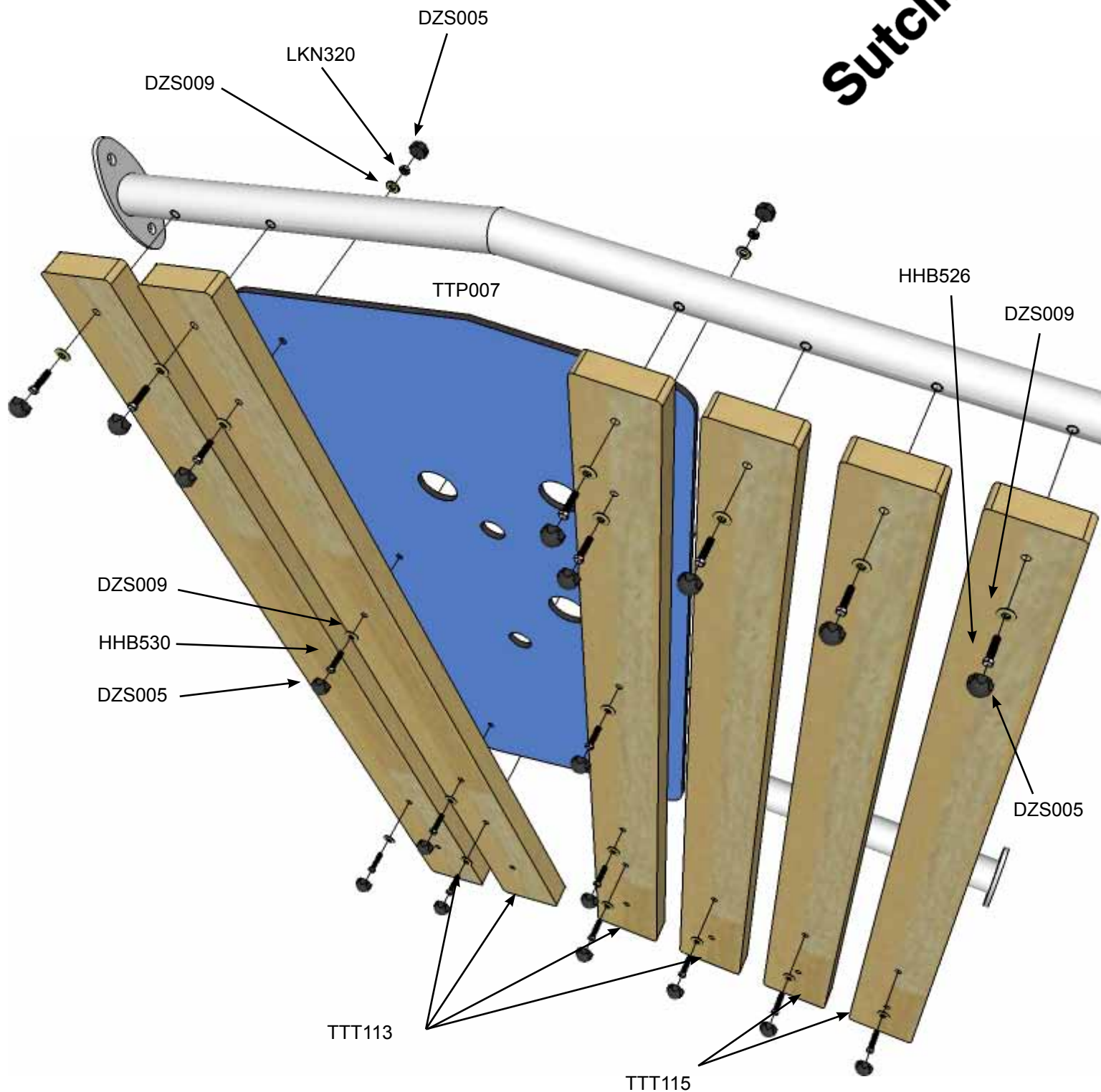
Ttu001

Treetops Unit Installation Instructions

UPPER BARRIER ASSEMBLY

design
make
play

SutcliffePlay



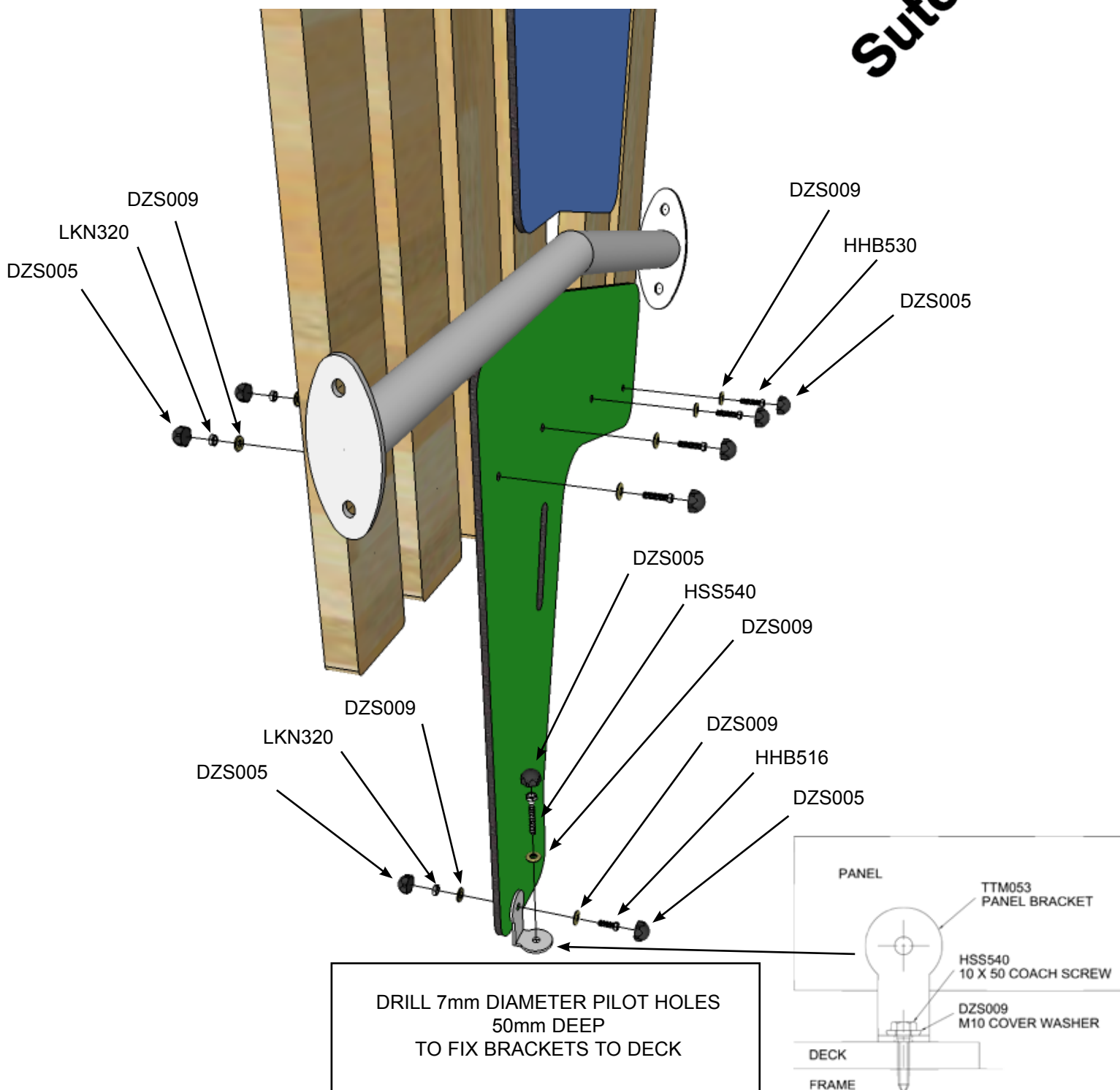
Code	Description	Qty
HHB526	M10 x 70 Hex Head Bolt	12
HHB530	M10 x 80 Hex Head Bolt	6
LKN320	M10 Nyloc Nut	6
DZS005	M10 Nut Cover	24
DZS009	M10 Stepped Cover Washer	24

Ttu001

Treetops Unit Installation Instructions

MIDDLE ENTRANCE PANEL ASSEMBLY

design
make
play
SutcliffePlay



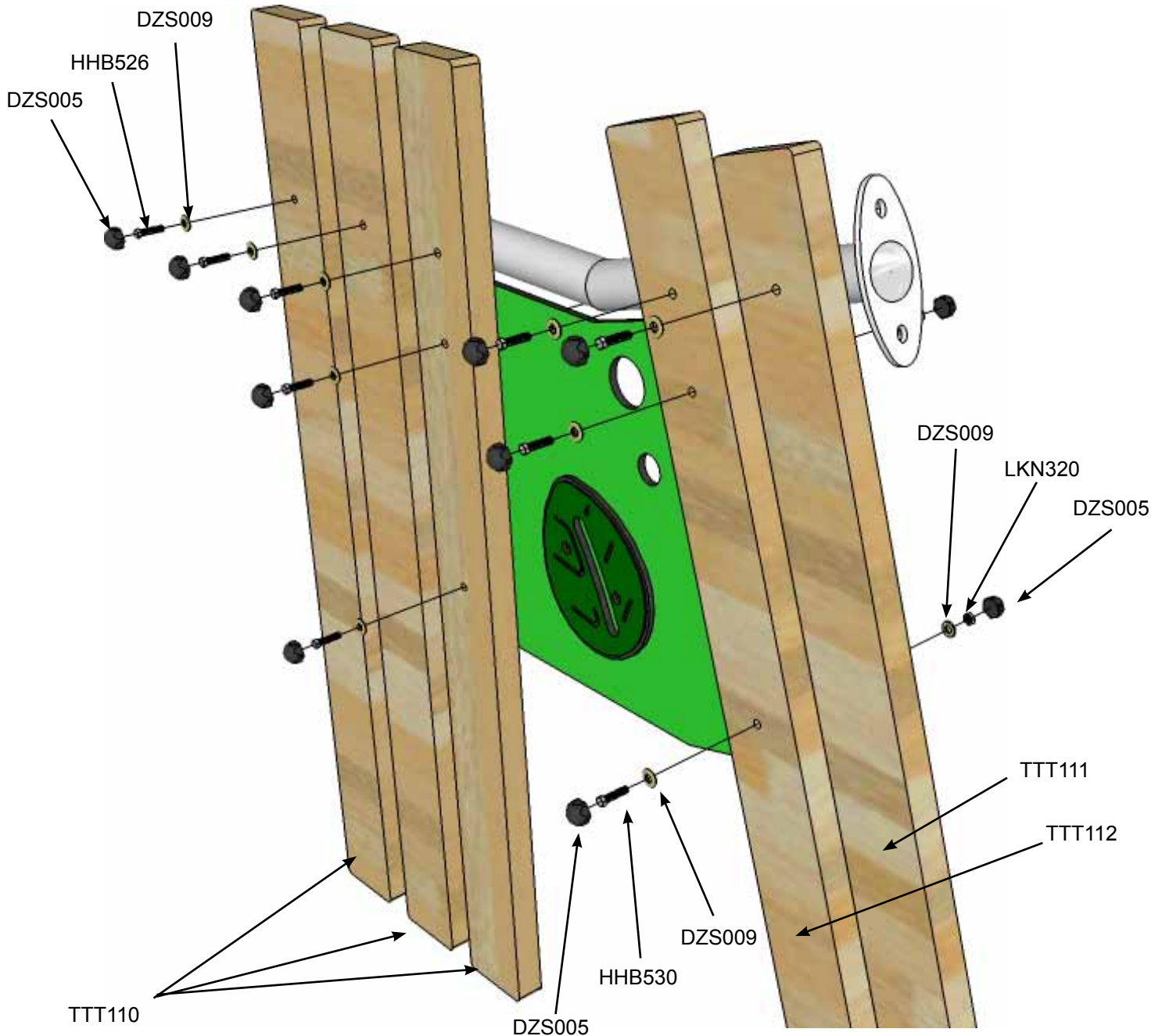
Code	Description	Qty
HHB530	M10 x 80 Hex Head Bolt	4
HHB516	M10 x 45 Hex Head Bolt	1
HSS540	M10 x 50 Coach Screw	1
DZS005	M10 Nut Cover	11
DZS009	M10 Stepped Cover Washer	11
LKN320	M10 Nylock Nut	5

Ttu001

Treetops Unit Installation Instructions

LOWER ENTRANCE PANEL AND PLANK ASSEMBLY

design
make
play
SutcliffePlay



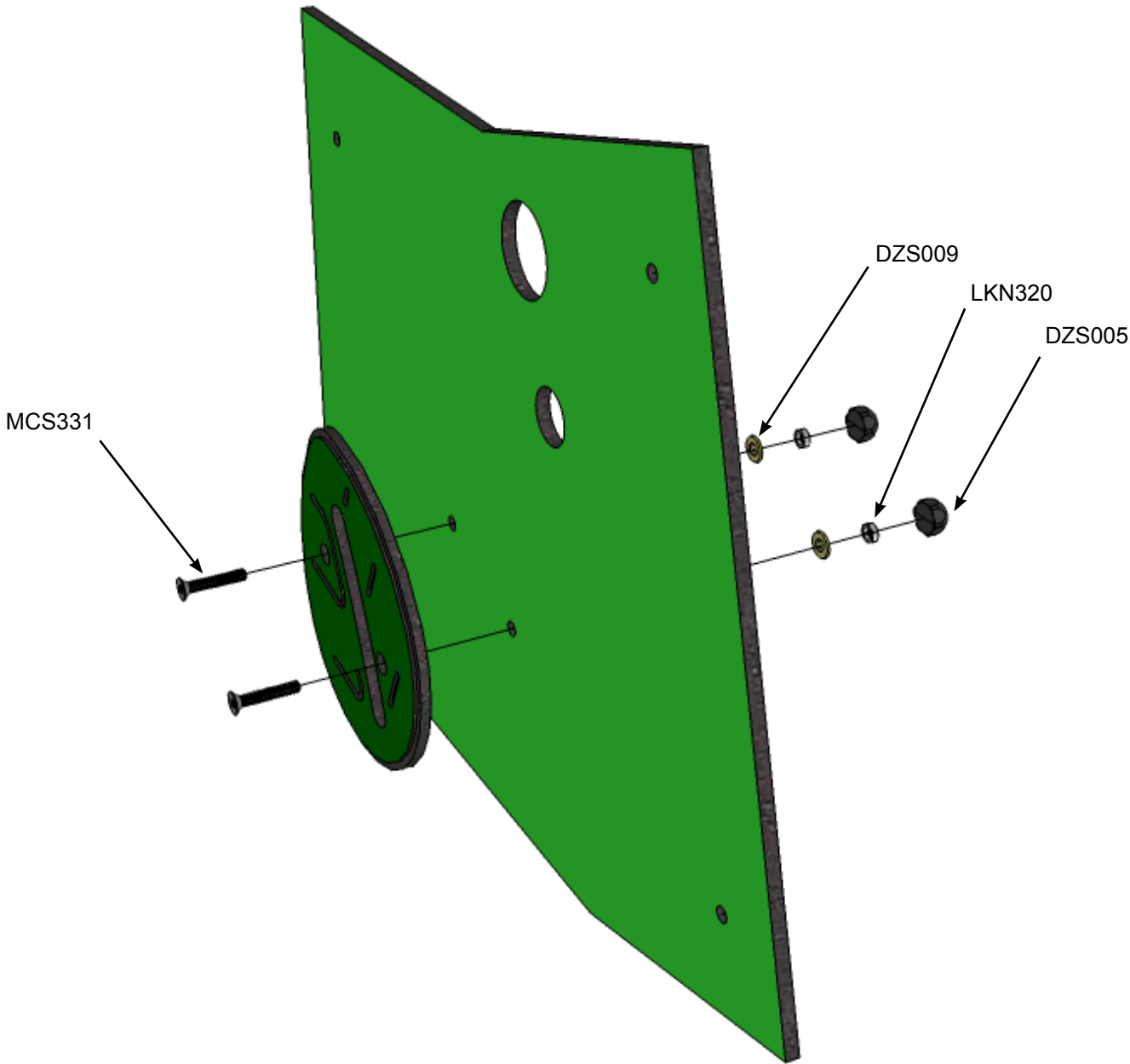
Code	Description	Qty
HHB530	M10 x 80 Hex Head Bolt	4
HHB526	M10 x 70 Hex Head Bolt	5
DZS005	M10 Nut Cover	13
DZS009	M10 Stepped Cover Washer	13
LKN320	M10 Nylock Nut	4

Ttu001

Treetops Unit
Installation Instructions

LOWER ENTRANCE PANEL
ASSEMBLY

design
make
play
SutcliffePlay



Code	Description	Qty
MCS331	M10 x 45 Countersunk Screw	2
DZS005	M10 Nut Cover	2
DZS009	M10 Stepped Cover Washer	2
LKN320	M10 Nylock Nut	2

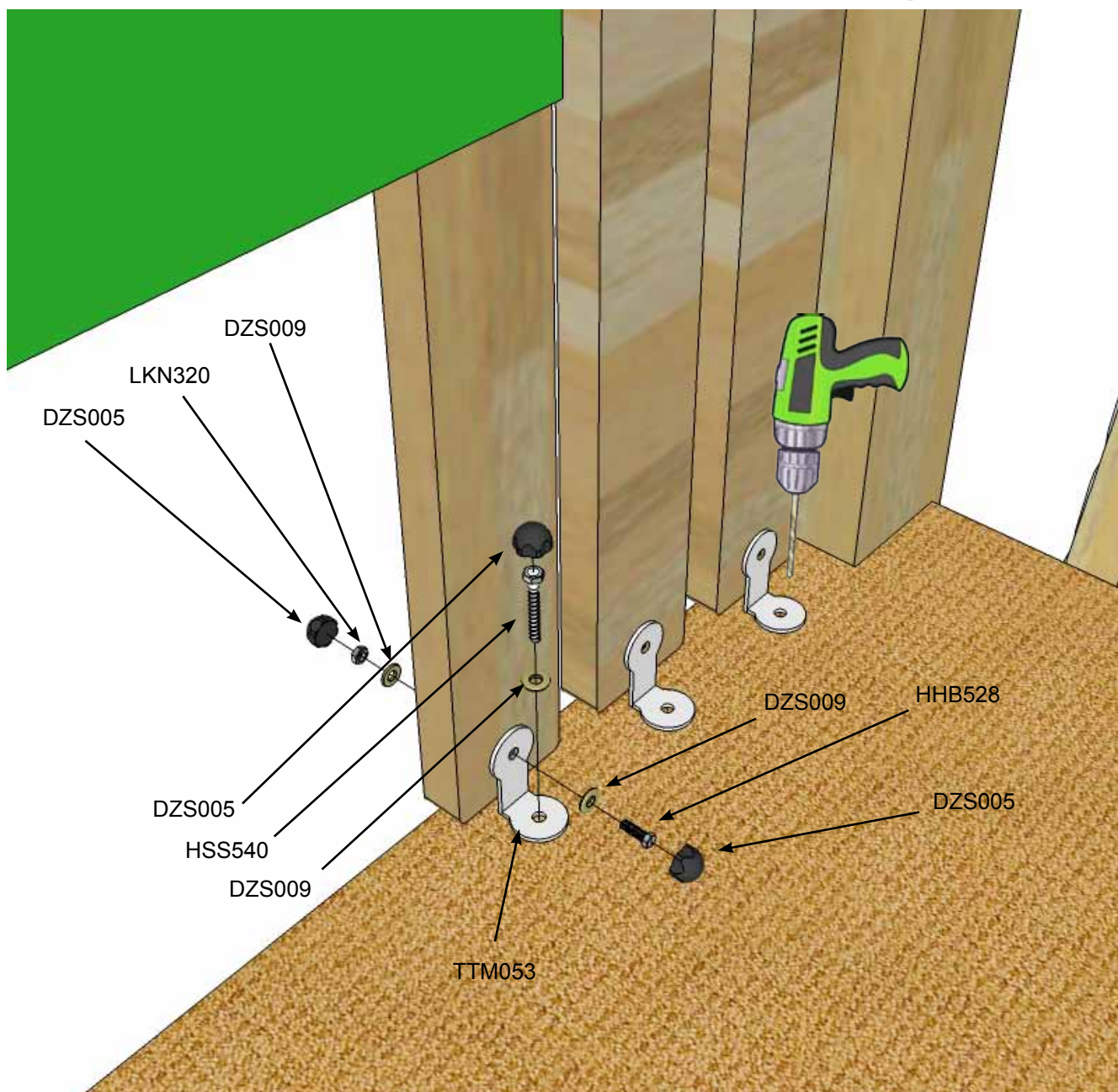
Ttu001

Treetops Unit Installation Instructions

LOWER ENTRANCE PLANK TO DECK FIXINGS

DRILL 7mm DIAMETER PILOT HOLES
50mm DEEP
TO FIX BRACKETS TO DECK AND
VERTICAL TIMBERS

design
make
play
SutcliffePlay



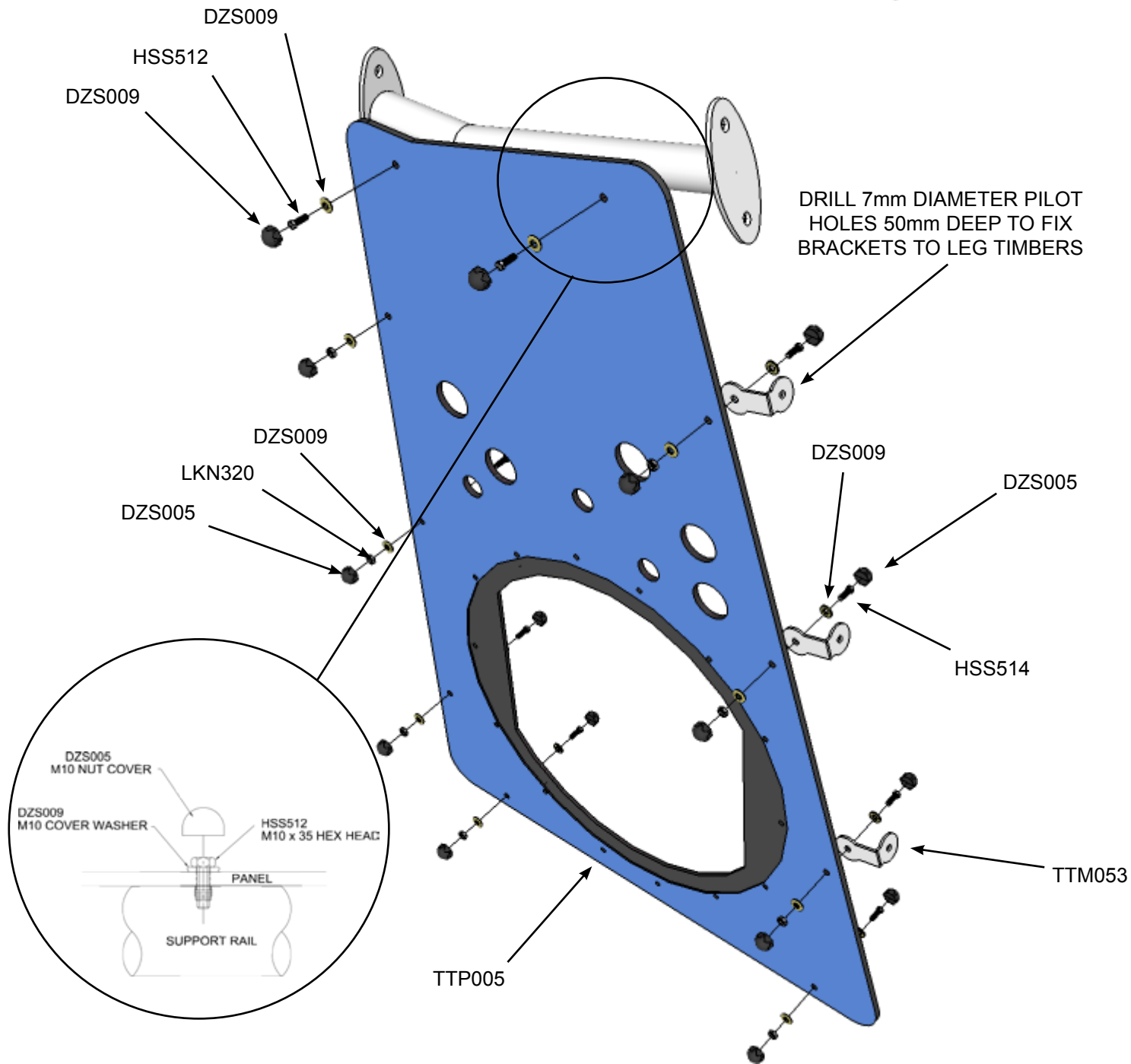
Code	Description	Qty
HHB528	M10 x 75 Hex Head Bolt	3
HSS540	M10 x 50 Coach Bolt	3
LKN320	M10 Nylock Nut	3
DZS005	M10 Nut Cover	9
DZS009	M10 Stepped Cover Washer	9

Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay

CHUTE ENTRANCE PANEL FIXINGS



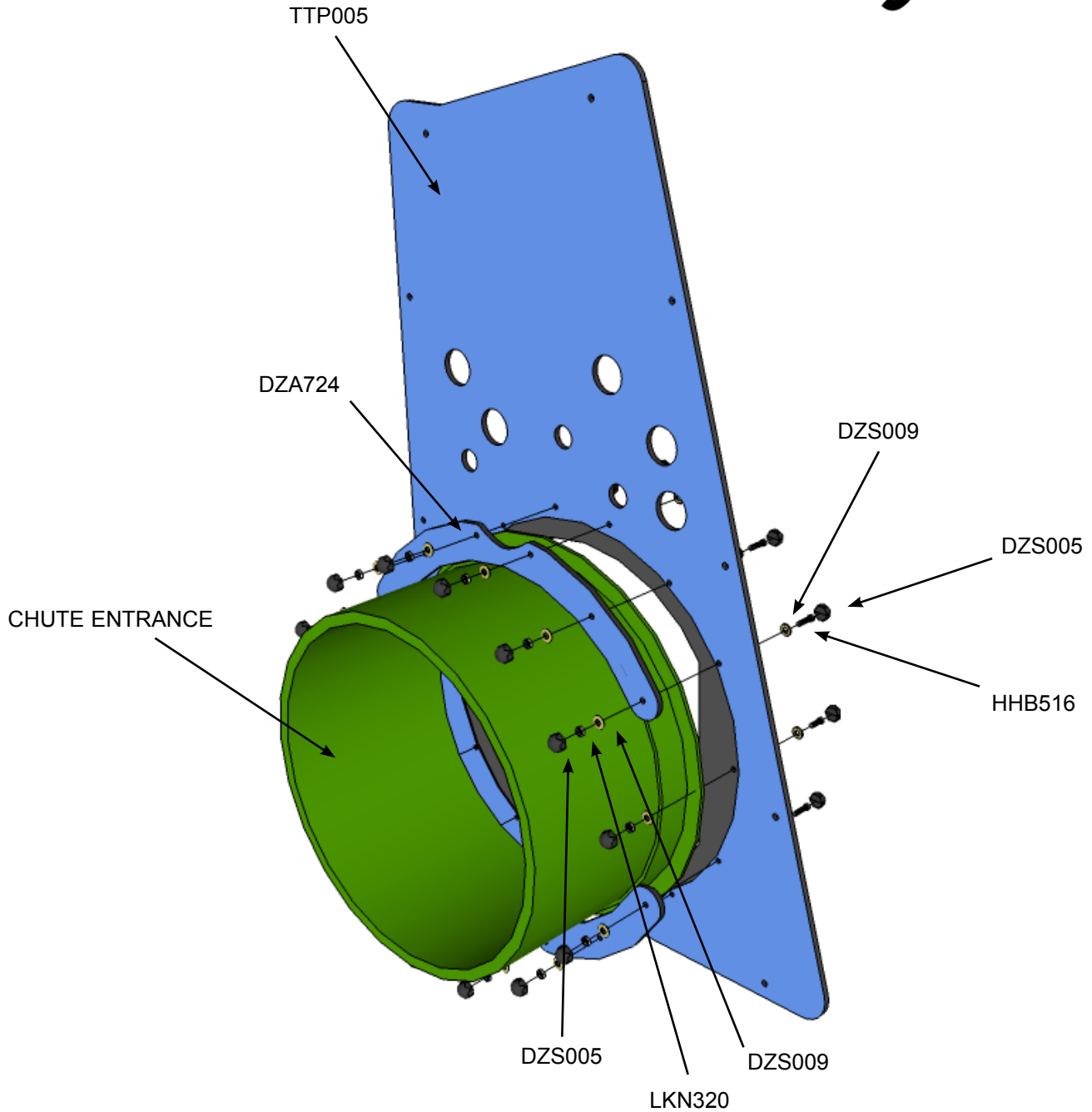
Code	Description	Qty
HSS512	M10 x 35 Hex Head Bolt	2
HSS514	M10 x 40 Hex Head Bolt	8
LKN320	M10 Nylock Nut	8
DZS005	M10 Nut Cover	18
DZS009	M10 Stepped Cover Washer	18
TTM053	Panel Fixing Bracket	8

Ttu001

Treetops Unit Installation Instructions

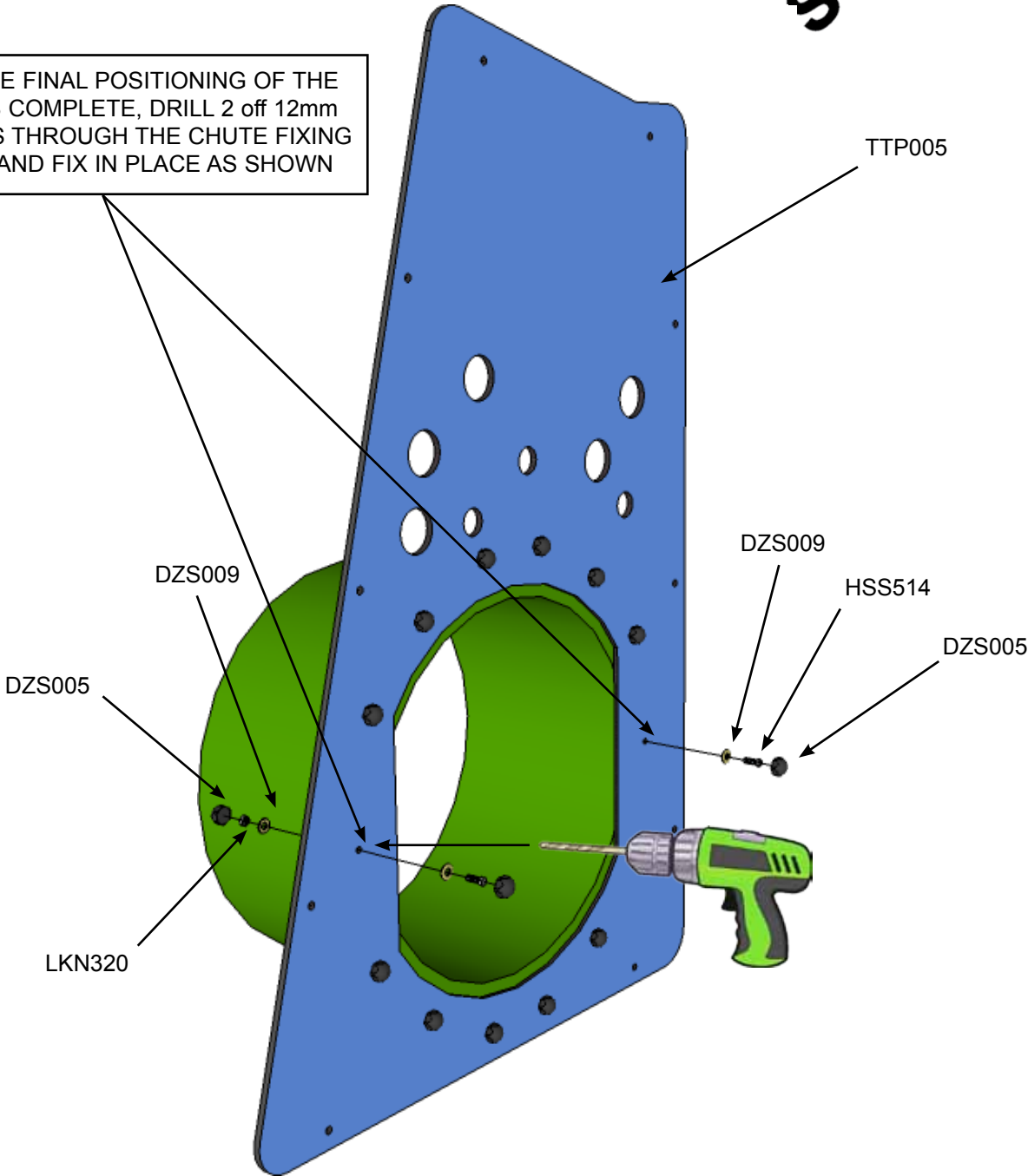
CHUTE CLAMPING RING FIXINGS

design
make
play
SutcliffePlay



Code	Description	Qty
HHB516	M10 x 45 Hex Head Bolt	12
DZS005	M10 Nut Cover	24
DZS009	M10 Stepped Cover Washer	24
LKN320	M10 Nylock Nut	12

WHEN THE FINAL POSITIONING OF THE CHUTE IS COMPLETE, DRILL 2 off 12mm Dia. HOLES THROUGH THE CHUTE FIXING FLANGE AND FIX IN PLACE AS SHOWN



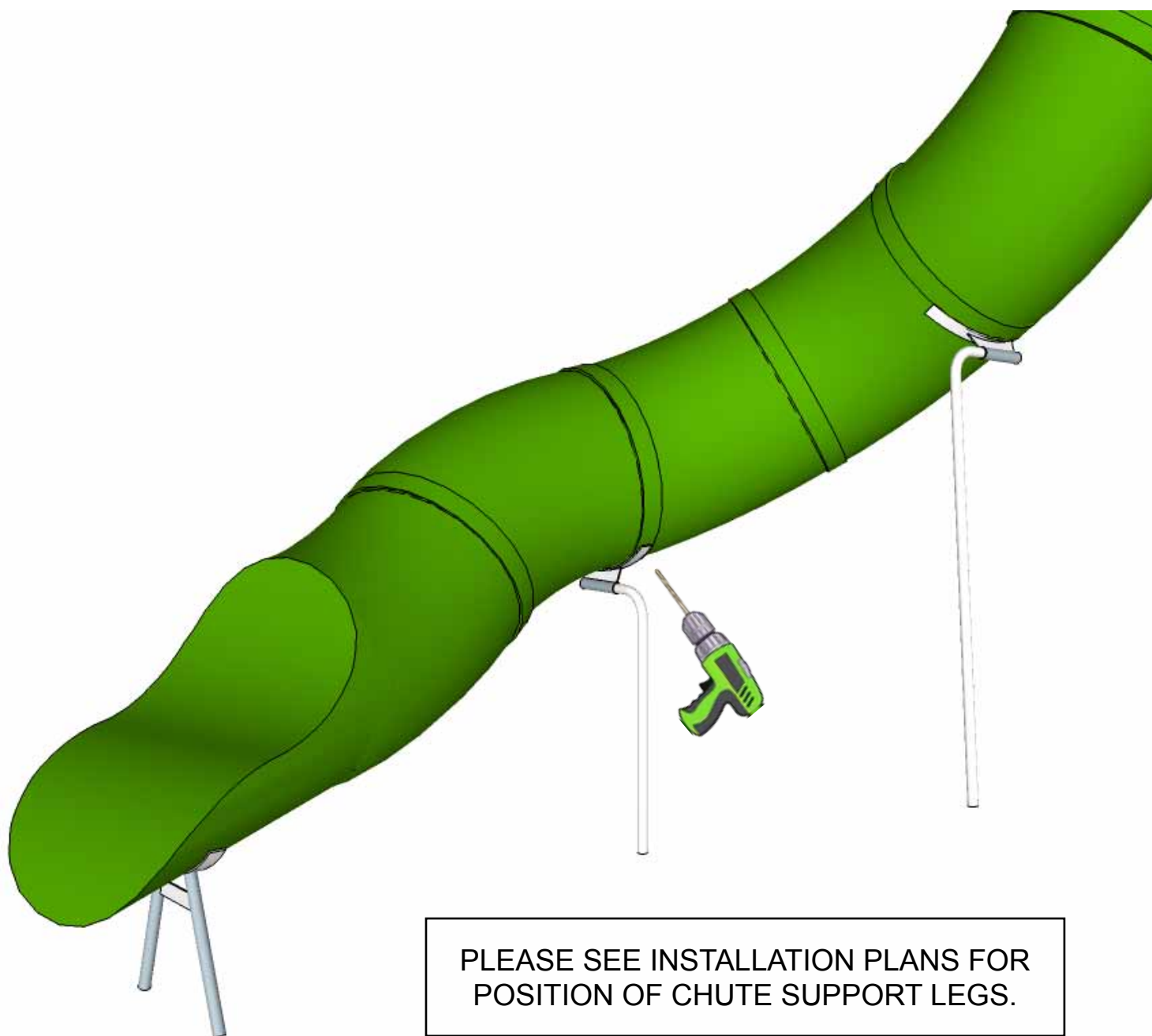
Code	Description	Qty
HSS514	M10 x 40 Hex Head Bolt	2
DZS005	M10 Nut Cover	4
DZS009	M10 Stepped Cover Washer	4
LKN320	M10 Nylock Nut	2

Ttu001

Treetops Unit
Installation Instructions

CHUTE SUPPORT LEGS

design
make
play
SutcliffePlay



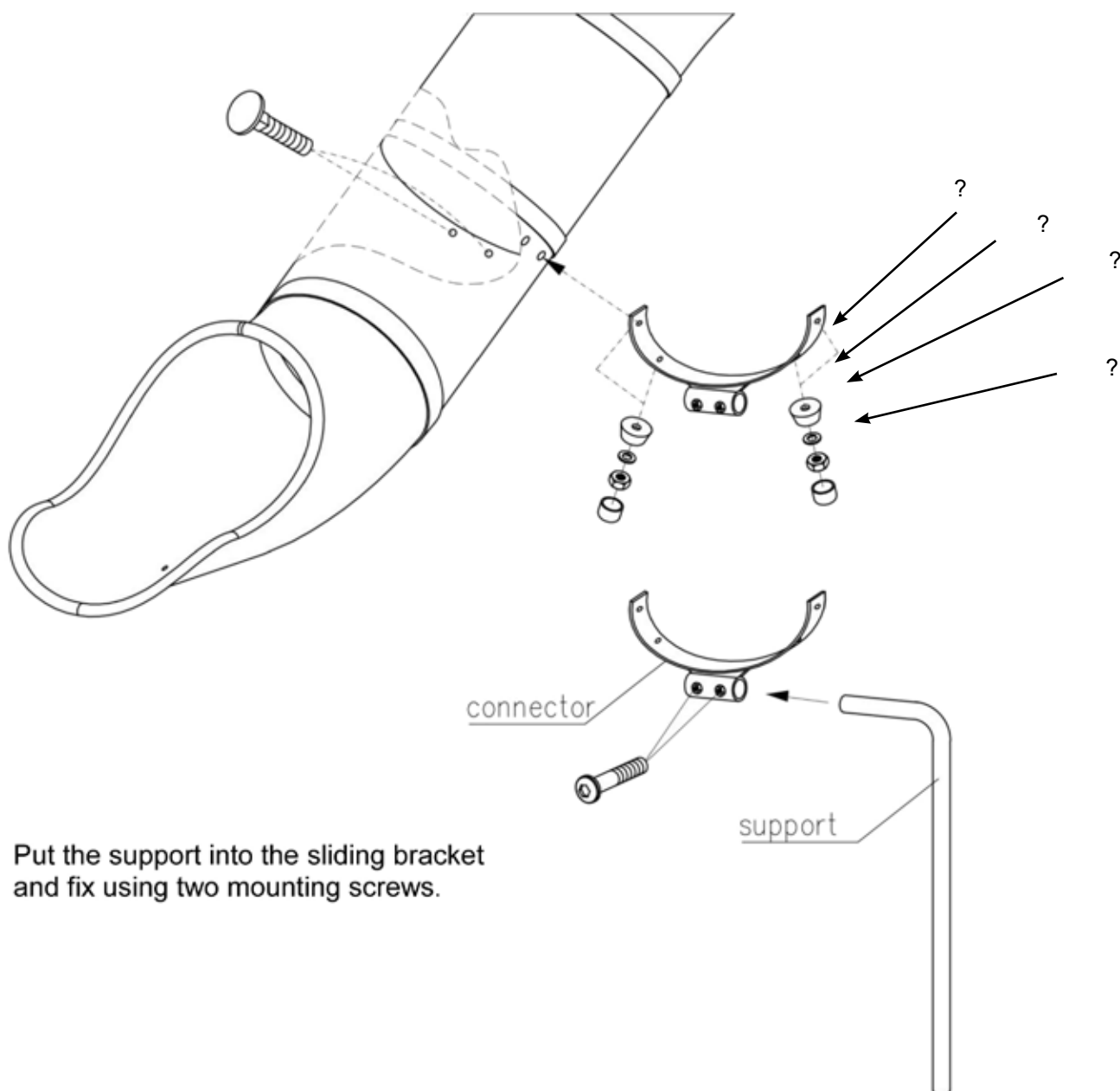
PLEASE SEE INSTALLATION PLANS FOR
POSITION OF CHUTE SUPPORT LEGS.

Ttu001

Treetops Unit Installation Instructions

CHUTE SUPPORT LEGS

design
make
play
SutcliffePlay



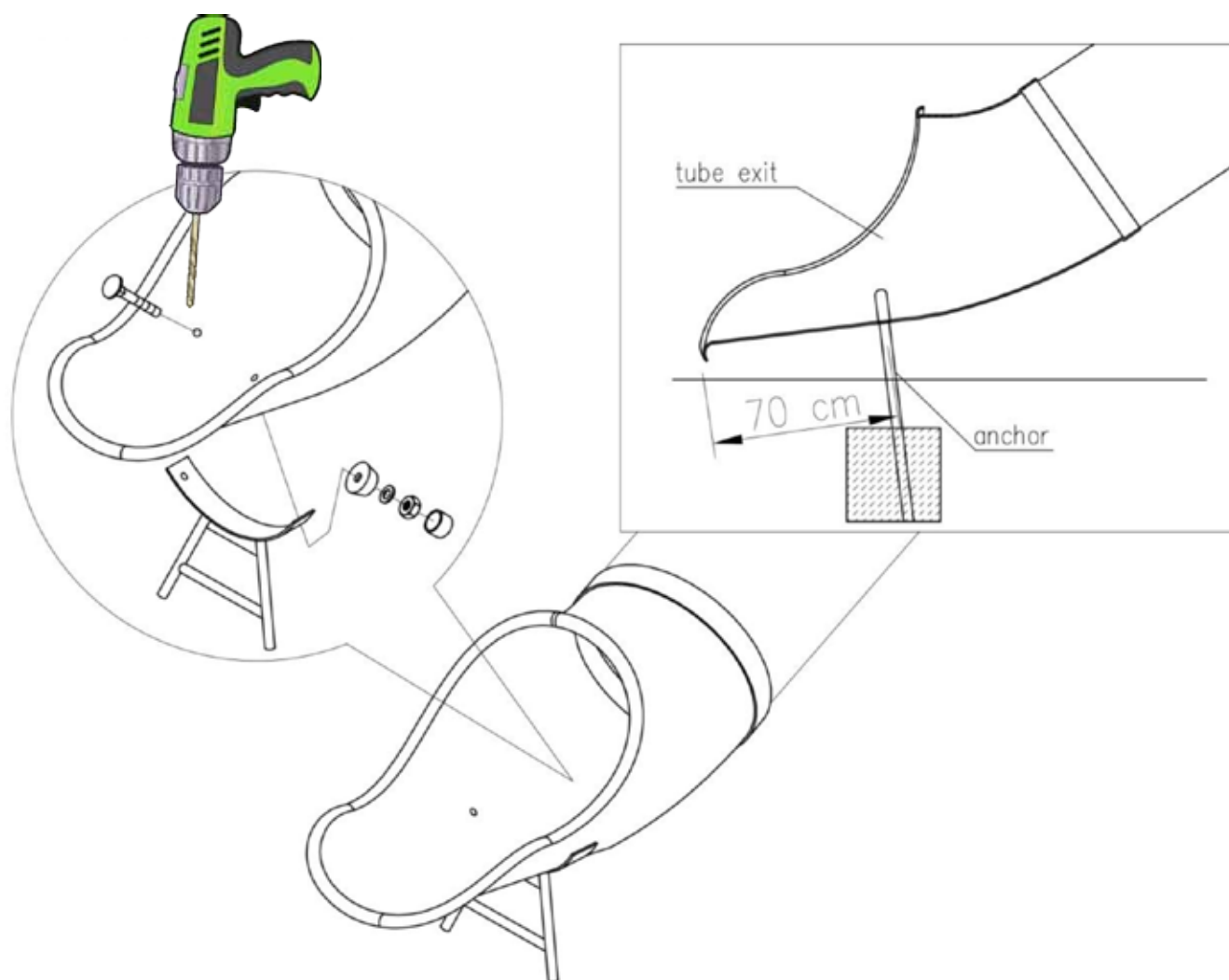
Put the support into the sliding bracket
and fix using two mounting screws.

Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay

CHUTE SUPPORT LEGS

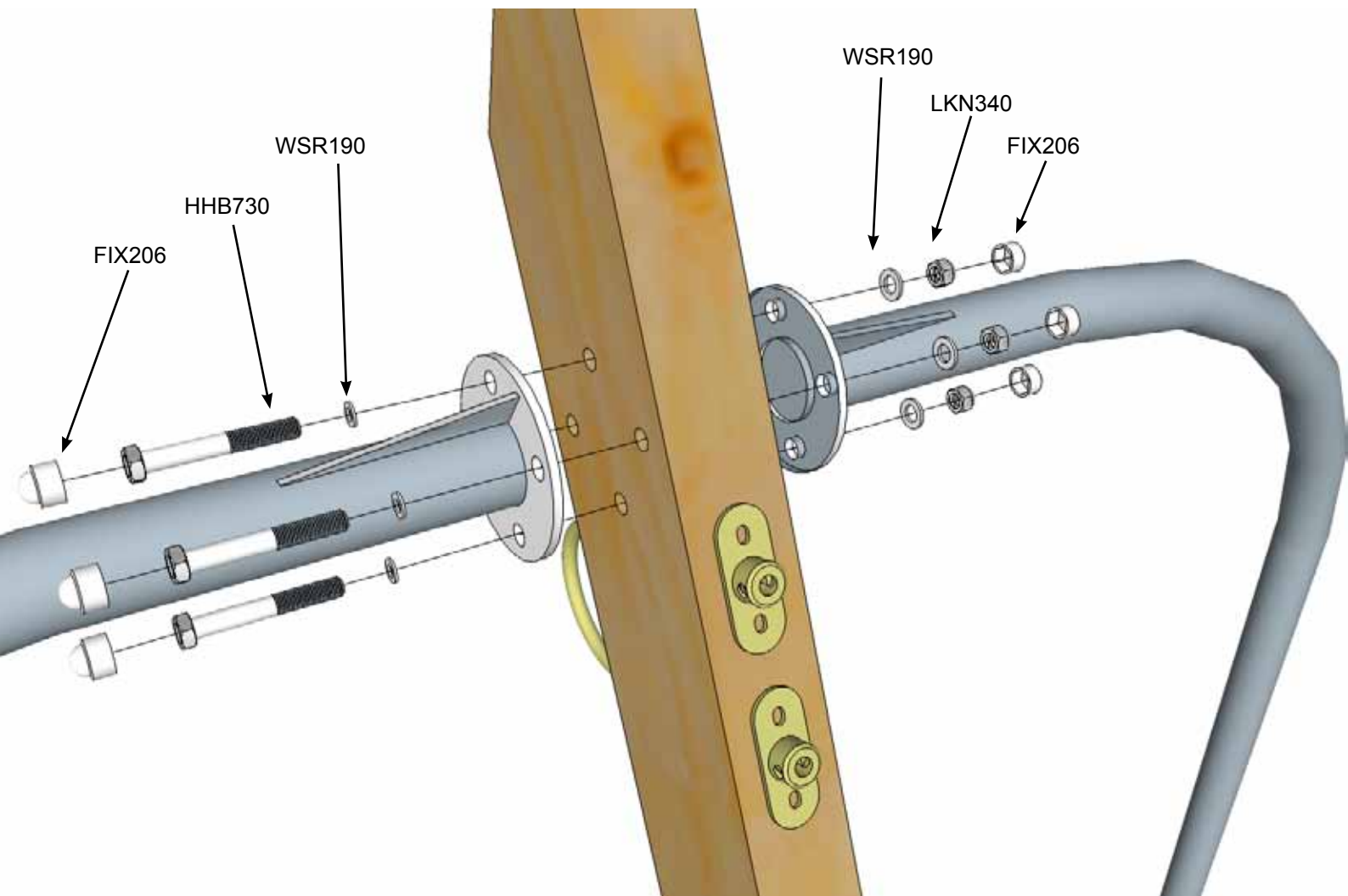


Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay

CABLEWAY SUPPORT
LEG FIXINGS



Code	Description	Qty
HHB730	M16 x 140 Hex Head Bolt	4
FIX206	M16 Nut Cover	8
LKN340	M16 Nylock Nut	4
WSR190	M16 Plain Washer	8

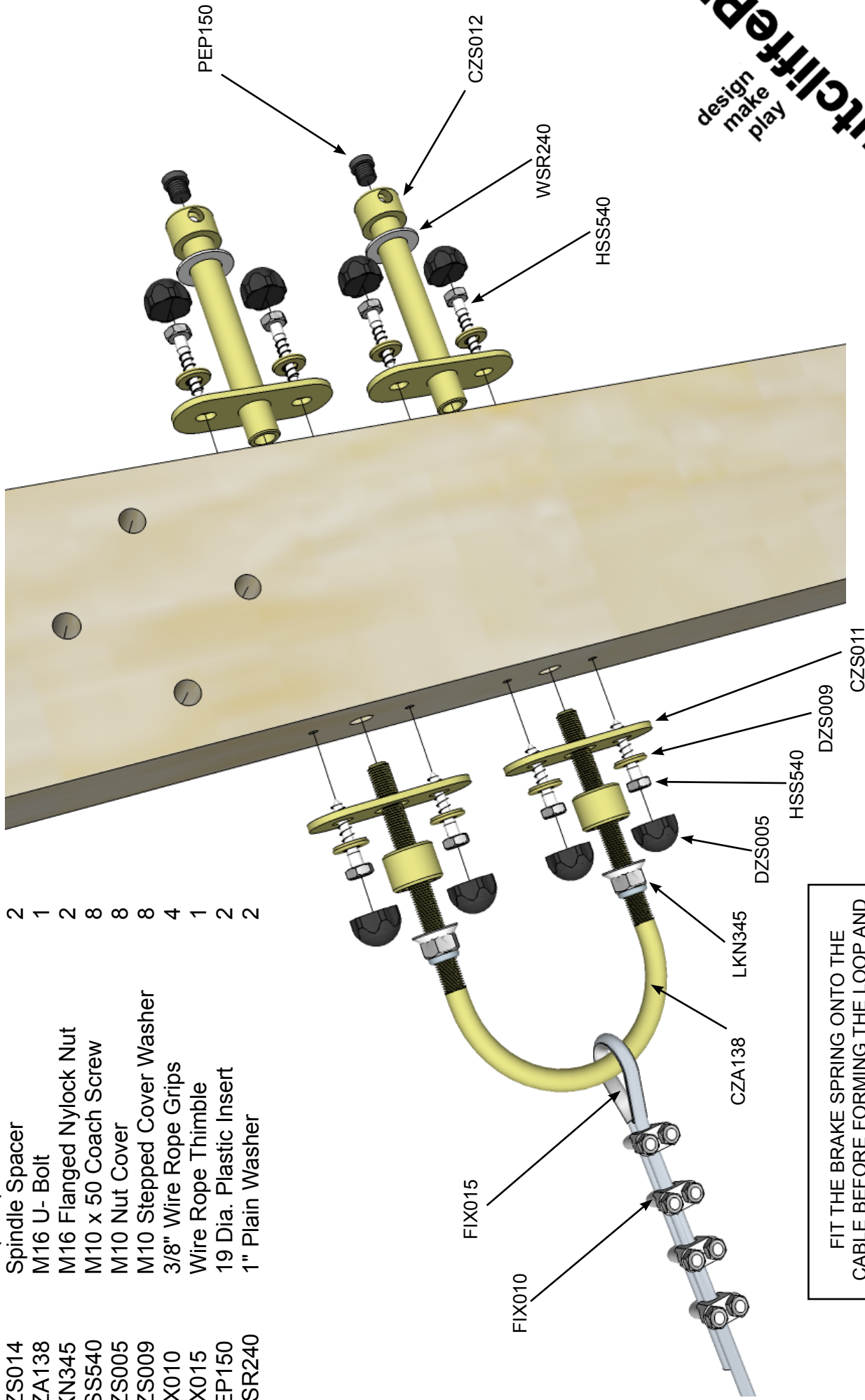
Ttu001

Treetops Unit

Installation Instructions

CABLEWAY END FIXINGS

Code	Description	Qty
CZS011	Rope Plate	4
CZS012	Rope Spindle	2
CZS014	Spindle Spacer	2
CZA138	M16 U- Bolt	1
LKN345	M16 Flanged Nylock Nut	2
HSS540	M10 x 50 Coach Screw	8
DZS005	M10 Nut Cover	8
DZS009	M10 Stepped Cover Washer	8
FIX010	3/8" Wire Rope Grips	4
FIX015	Wire Rope Thimble	1
PEP150	19 Dia. Plastic Insert	2
WSR240	1" Plain Washer	2



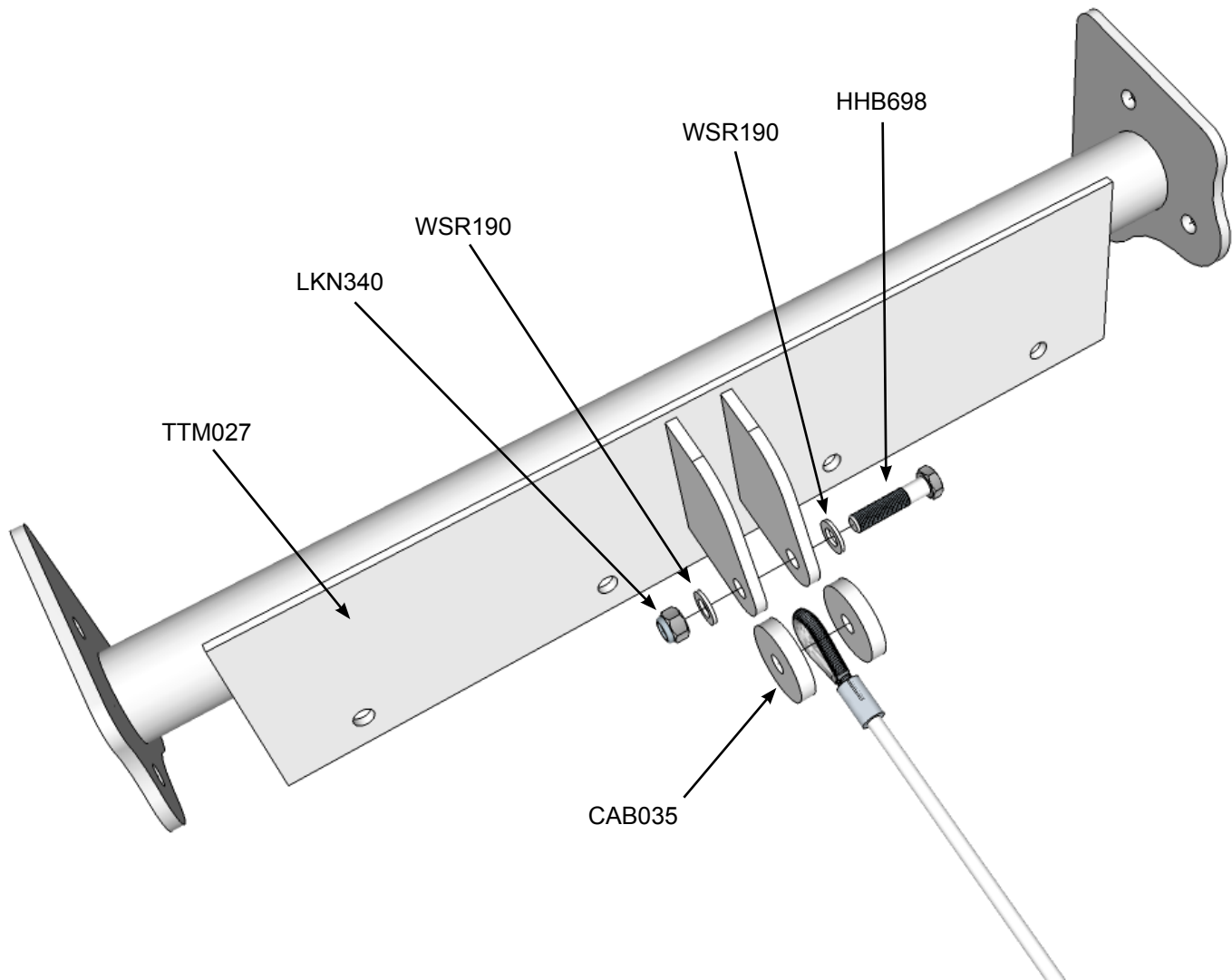
Sutcliffe Play
design
make
play

Ttu001

Treetops Unit Installation Instructions

design
make
play
SutcliffePlay

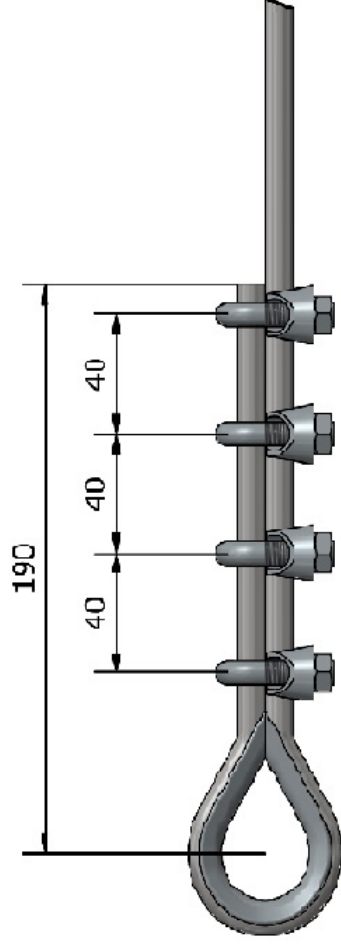
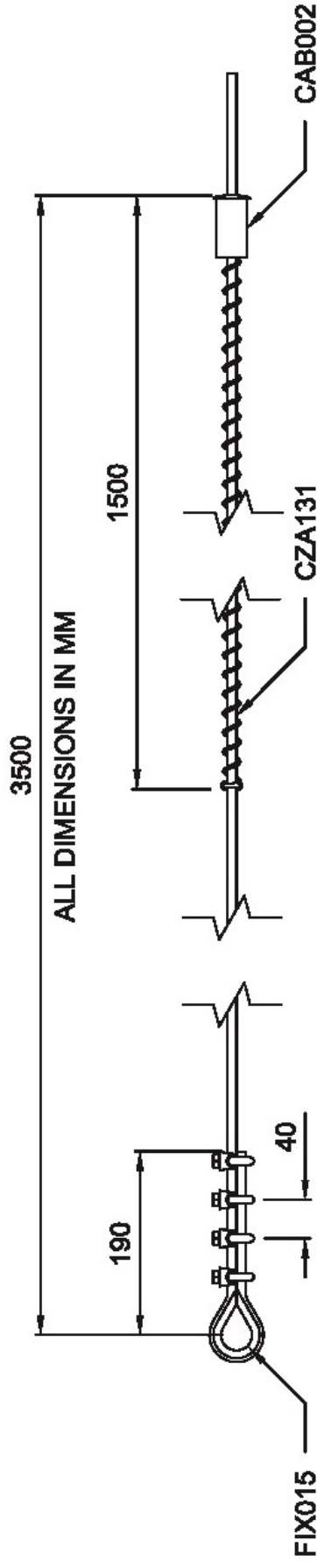
CABLEWAY END FIXINGS



Code	Description	Qty
HHB698	M16 x 80 Hex Head Bolt	1
WSR190	M16 Plain Washer	2
LKN340	M16 Nylock Nut	1
CAB035	Plastic Cable Spacer	2
FIX206	M16 Nut Covers	2

Important Note

Fit the brake spring so that the rubber stop is 3.5m from the centre of the cable thimble as shown below.



CABLEWAY END FIXINGS

Ensure that the 4 wire rope grips are fitted in this orientation with the bridge part on the working side of the cable. Spacings between the grips to be 40mm.

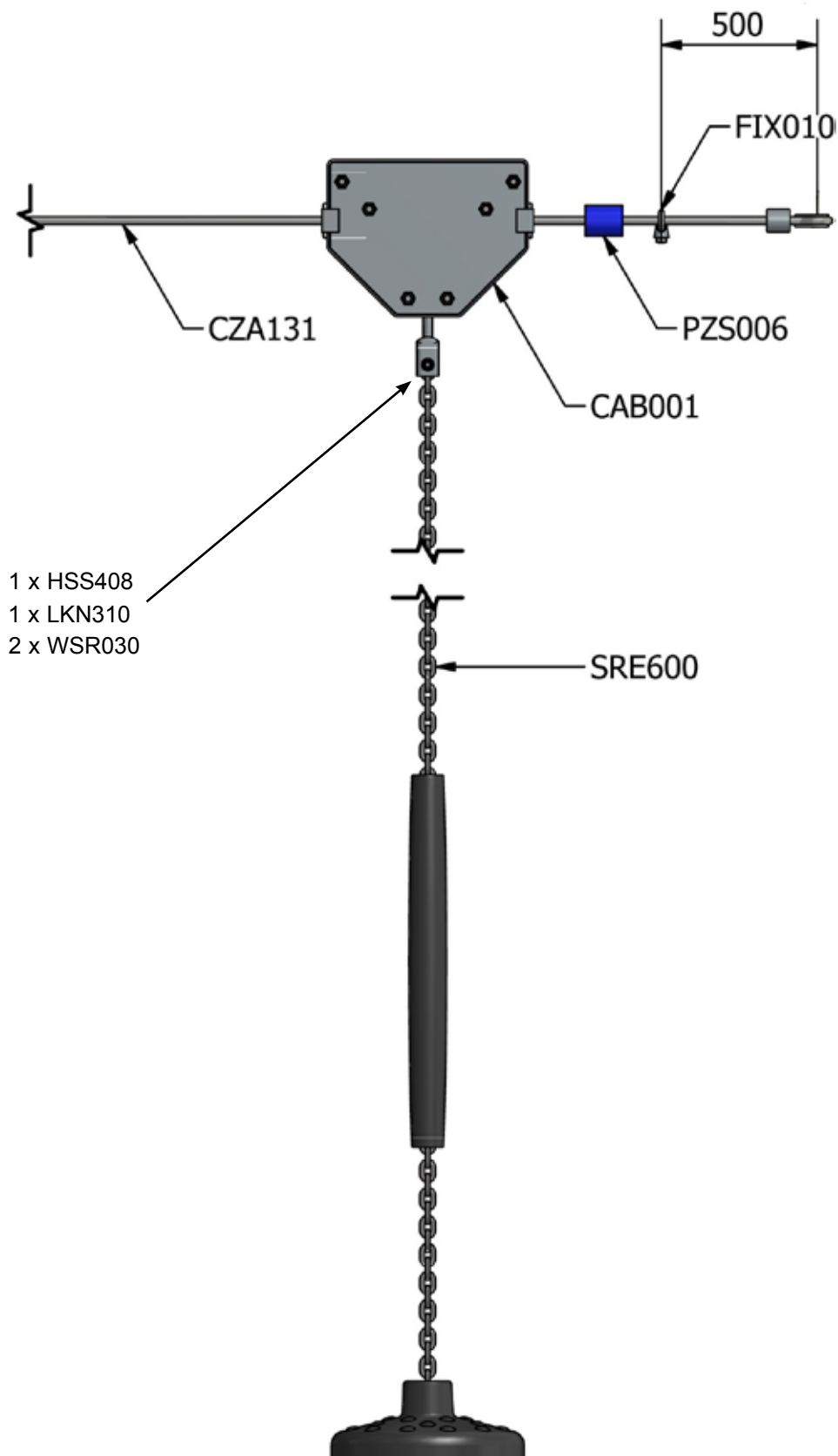
Ttu001

Treetops Unit Installation Instructions

CABLEWAY TROLLEY

design
make
play

SutcliffePlay



Ttu001

Treetops Unit Hand Grips

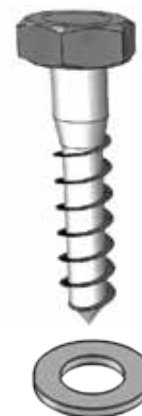
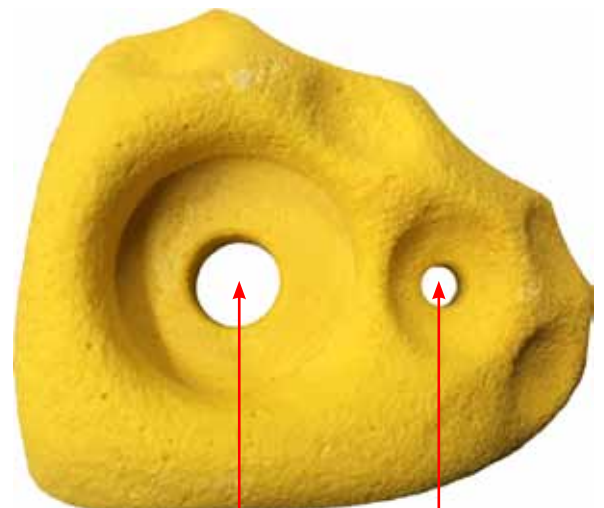
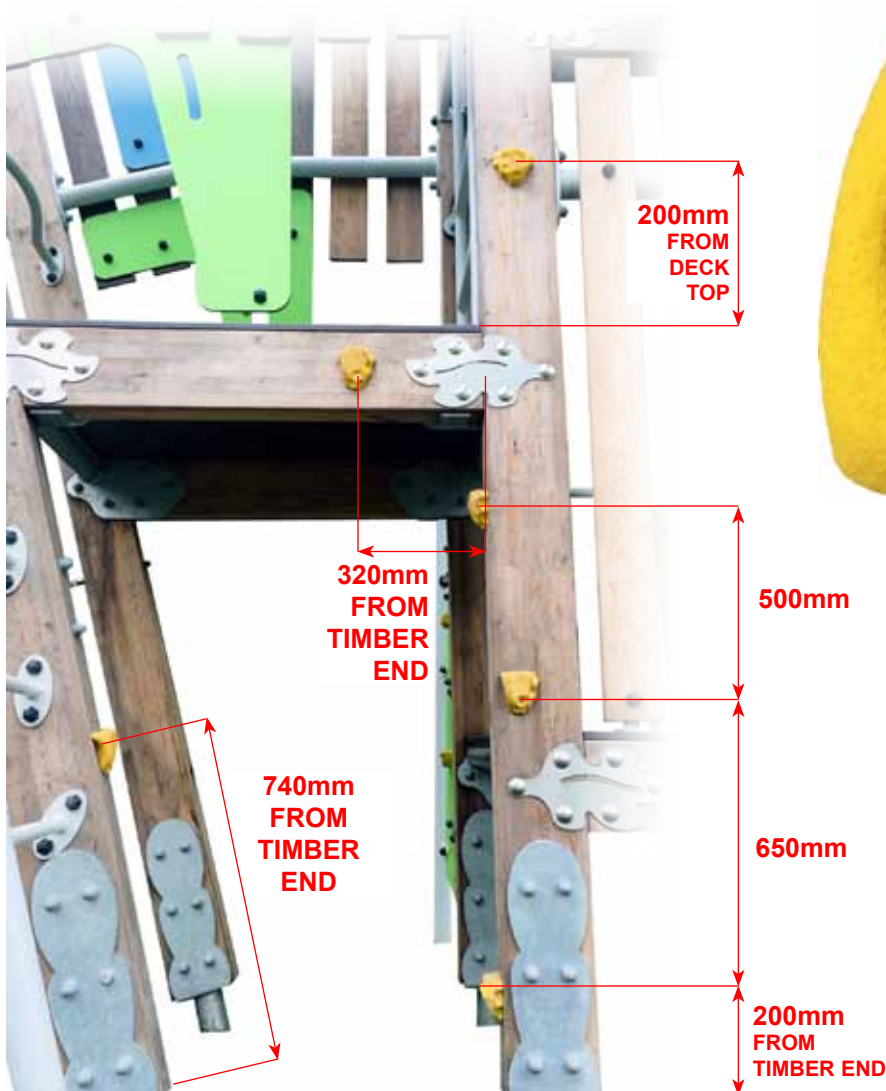
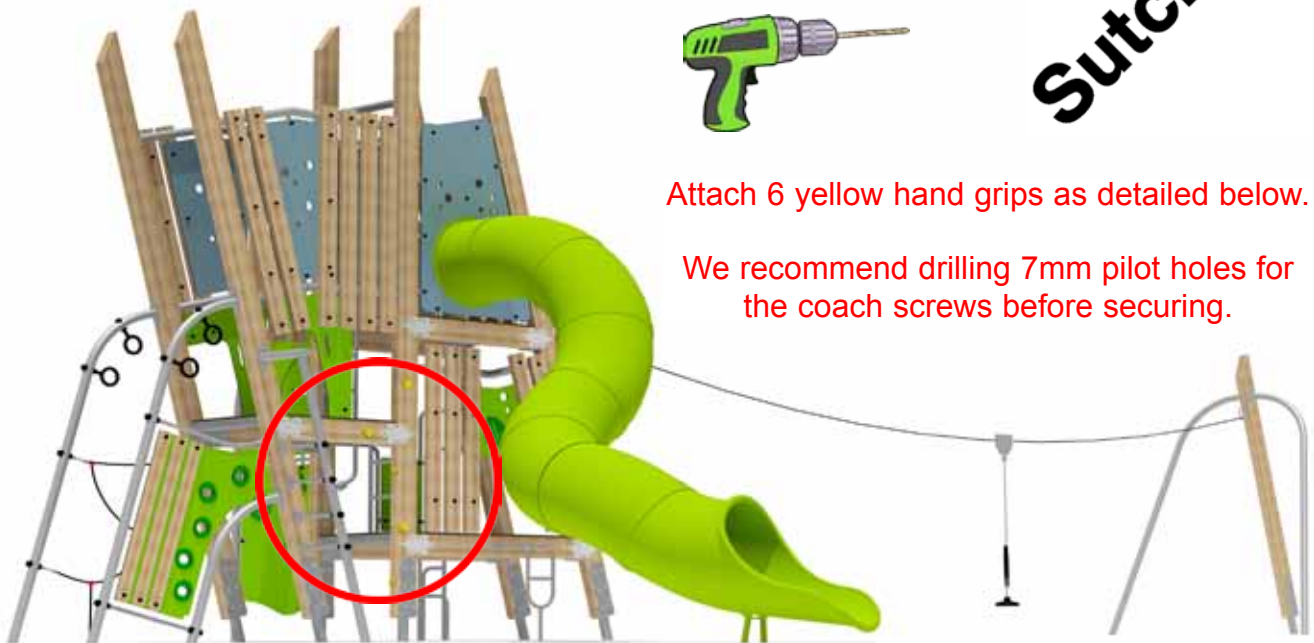
design
make
play

SutcliffePlay



Attach 6 yellow hand grips as detailed below.

We recommend drilling 7mm pilot holes for the coach screws before securing.



**HSS540
M10x50 ST/ST
Coach Screw
+
Washer**

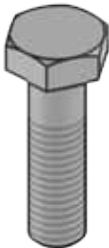
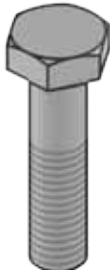
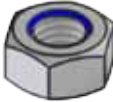


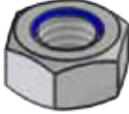
**STS310
Wood Screw**

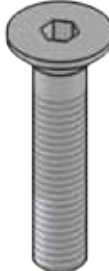
Ttu001

Treetops Unit Loose Fixings

design
make
play
SutcliffePlay

HSS512 M10 x 35 HEX HEAD BOLT	HSS514 M10 x 40 HEX HEAD BOLT	HHB516 M10 x 45 HEX HEAD BOLT	HHB520 M10 x 55 HEX HEAD BOLT	HHB534 M10 x 90 HEX HEAD BOLT	HHB542 M10 x 100 HEX HEAD BOLT	WSR040 M10 STAINLESS STEEL WASHER	DZS005 M10 NUT COVER BLACK
							
						DZS009 M10 STEP WASHER	LKN320 M10 NYLOC NUT
							

FIX160 M10 x 50 SECURITY BOLT	MCS321 M10 x 35 COUNTERSUNK BOLT	MCS326 M10 x 40 COUNTERSUNK BOLT	MCS335 M10 x 50 COUNTERSUNK BOLT	MCS361 M10 x 75 COUNTERSUNK BOLT	MCS372 M10 x 100 COUNTERSUNK BOLT	LKN330 M12 NYLOC NUT	FIX205 M12 NUT COVER BLACK
							
						WSR030 M8 PLAIN WASHER	WSR050 M12 PLAIN WASHER
							

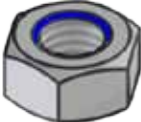
HSS540 M10 x 50 ST/ST COACH SCREW	HSS750 M16 x 60 ST/ST COACH SCREW	STS310 12 x 2" COUNTERSUNK WOOD SCREW	HHB518 M10 x 50 HEX HEAD BOLT	HSS408 M8 x 25 HEX HEAD SET SCREW	MCS331 M10 x 45 COUNTERSUNK BOLT	FIX010 3/8" WIRE ROPE GRIPS	FIX015 WIRE ROPE THIMBLE
							
						CAB035 PLASTIC CABLE SPACER	PEP150 PLASTIC INSERT
							

Ttu001

Treetops Unit Loose Fixings

design
make
play
SutcliffePlay

CHB726	HHB730	HHB736	HHB765	HHB698		XZS012	XZS013
M16 x 140 ST/ST CUP HEAD BOLT	M16 x 140 ST/ST HEX HEAD BOLT	M16 x 150 ST/ST HEX HEAD BOLT	M16 x 250 ST/ST HEX HEAD BOLT	M16 x 80 ST/ST HEX HEAD BOLT		MOULDED SLEEVE	RUBBER CAP
							
						PLN340	WSR190
						M16 PLAIN NUT	M16 PLAIN WASHER
							

		LKN310	WSR240	WSR436	WSR045	FIX195
		M8 NYLOC NUT	1" PLAIN WASHER	63.5 DIA. SADDLE WASHER	FORM G WASHER	FIXING TOOL TORX T - 45 DLF
						
		DZA106	ADH150	FIX206	LKN340	ORS006
		CLIMBING WALL HOLD	SUPER GLUE	M16 NUT COVER	M16 NYLOCK NUT	CLIMBING WALL GRIPS
						

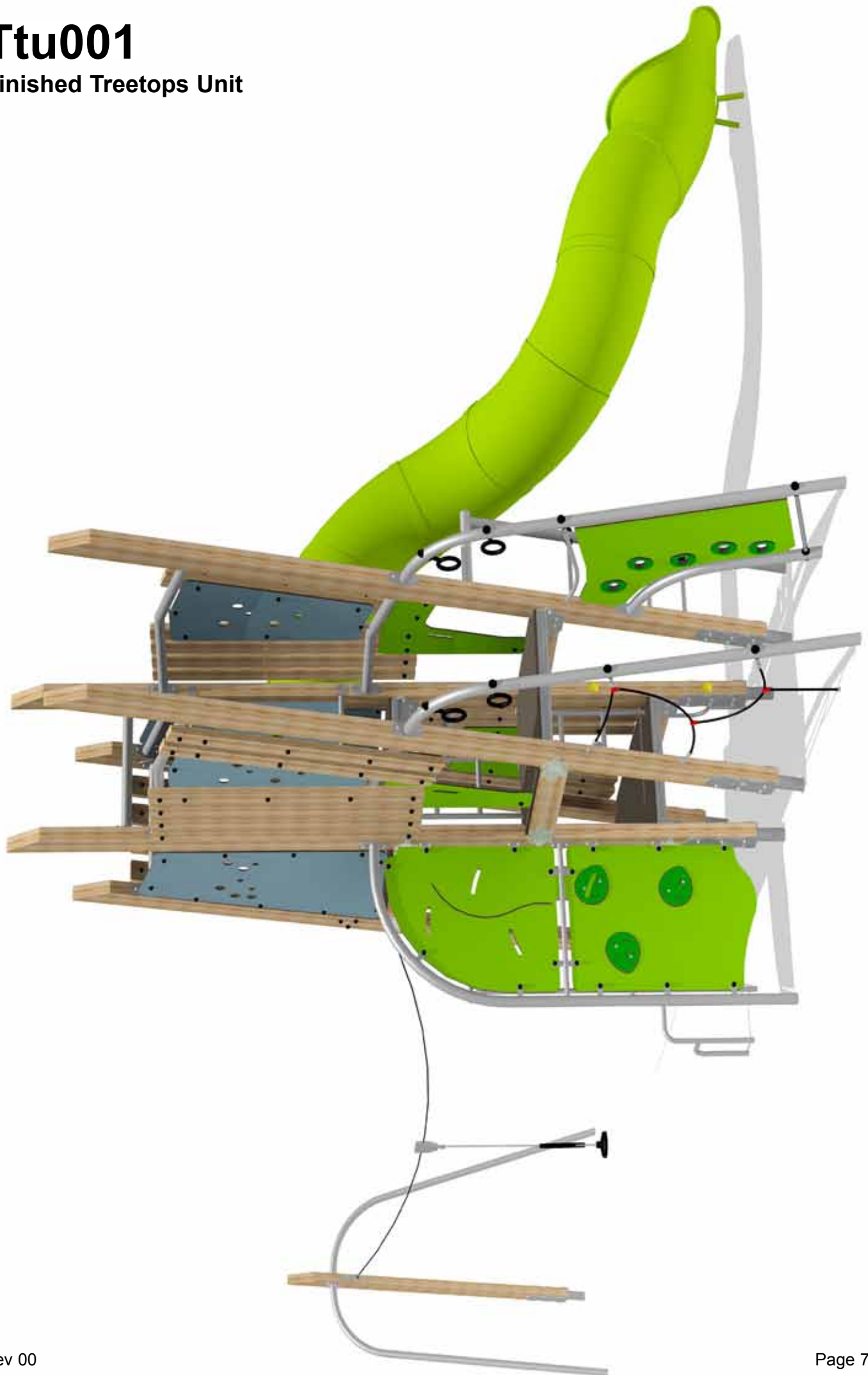
Ttu001

Finished Treetops Unit



Ttu001

Finished Treetops Unit



Ttu001

Finished Treetops Unit



Ttu001

Treetops Unit 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

	Interval Days				
	7	14	28	56	365
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.	☐	☐	☒	☐	☐

Disposal Instructions

All components should be broken down into categories of:-

- 1 **Mild Steel** - all Swing Frames, Playzone, Toddlerzone, Teenzone activities, Deck Frames and Springie Frames.
- 2 **Stainless Steel** - all Slides, Mirror Panels.
- 3 **Aluminium** - all Playzone and Toddlerzone Posts.
- 4 **Galvanised Steel** - all Chains and Teenzone Posts.
- 5 **Moulded Rubber Products without steel inserts** - all 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 Ropes.