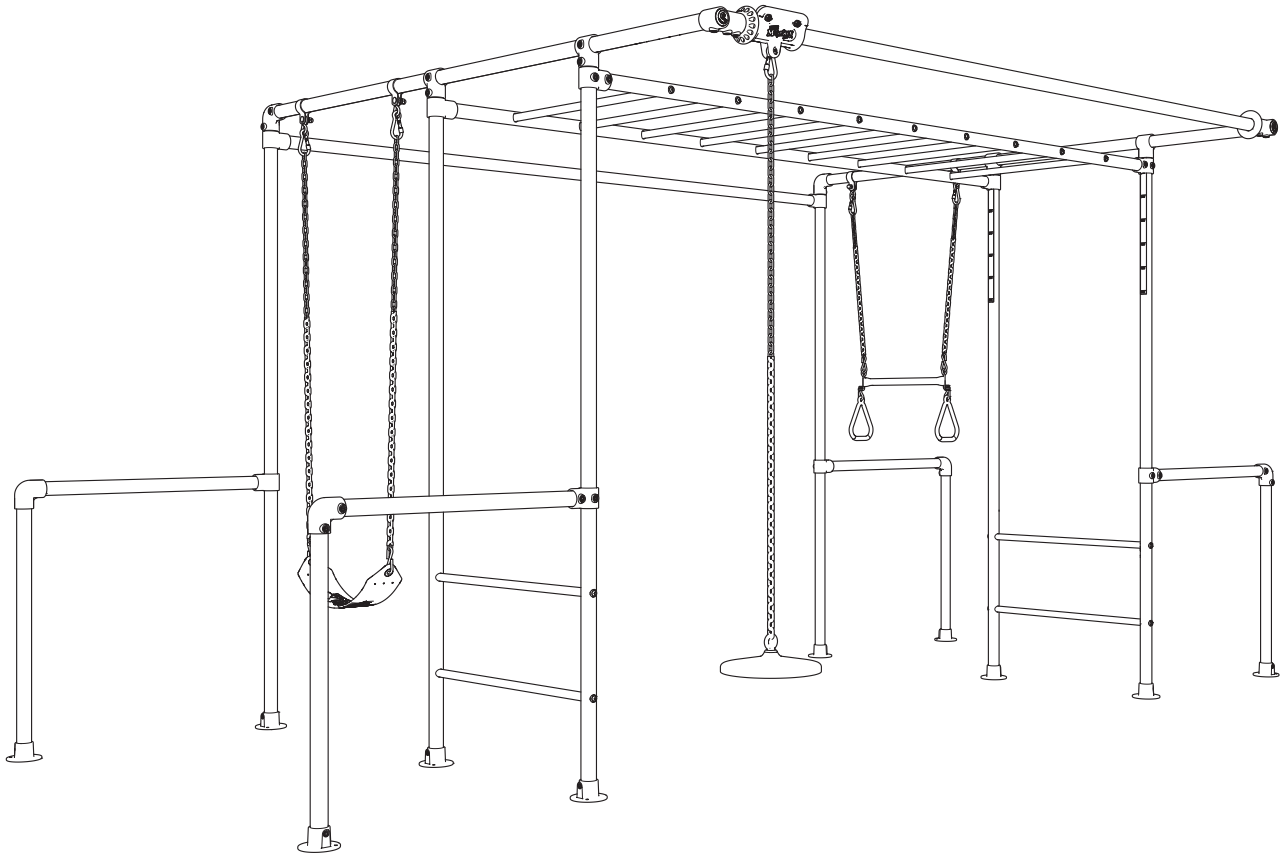
Funky Monkey bars®



The Orangutan Plus

Instructions

Fittings

Item #	Part #	Description	Qty Req	Picking ID
1	101-D48	Short Tee	12	
2	101L - D48	Short Long Tee c/w extras long 60mm long grub screw	2	
3	125-D48	90 deg. Elbow	6	NQ 01
4	131 (1) -D48	Base Plate (1 hole)	10	
5	PEG	Pegs	2	
6	101L - D48	Short Long Tees	2	Q01

Tube

Item #	Dia (in mm)	Description	Length (mm)	Qty Req	Box No.
6	27	Rungs	850	13	D13-? x 1
7	48	Tube x 900mm (Twirly Whirly Bars)	900	8	C1-? x 1
8	48	Tube x 2300mm 2H (Vertical Legs 2 holes)	2300	4	B01 x 2
9	48	Tube x 2300mm (Vertical Swing Legs Horizontal)	2300	2	F05 x 2
10	48	Tube x 2950mm (Horizontal Accessories Bar & FFF Bar)	2950	2	F02 x 1
11	48	Tube x 2950mm 9H (Ladder 9 holes)	2950	2	A1 -? x 1
12	48	Tube x 2500mm 1H (Horizontal Swing Bar 1 hole)	2500	2	F12 x 1

Hardware and Accessories

Item #	Part #	Description	Qty Req	Box No.
13	Rung Inserts	Plastic Rung Inserts (9 No. complete units / tree) - (3 x trees required) - 1 pack	1	
14	Washers	Rung Washer Cards (14 No. units / tree) - (2 x trees required) - 1 pack	1	
15	Logo	Aluminium Logo Plate for Ladder	1	
16	Caps	Black Plastic Caps	4	
17	Bolts	M10 x 50 Long Stainess steel bolts	26	T03
18	Nuts	M10 zinc plted full nuts	52	
19	HM Sticker	Height Marker Sticker (set of 4)	1	
20	Allen Key 8	M8 long reach Allen Key - (for Malleable Iron Fittings)	1	
21	Allen Key 6	M6 Long Reach Allen key - (for Rung Bolts)	1	
22	Peg	Ground Pegs	8	
		Floating Flying Fox Components - as listed below		
		- 1 x flying fox trolley	1	
23	FFF	- 2 x Rubber Stoppers	2	N01 or N02
		- 1 x Rubber Button Swing or Aluminium Gold Handle c/w chain and Stainless Steel Swivel	1	
		- 1 x Sticker	1	

Section 1: Important Notice

1.1 By purchasing, assembling and using this Funky Monkey Bars frame, you agree to follow all assembly, installation, safety and maintenance instructions in this manual.

1.2 Read this entire manual before starting assembly. If anything is unclear, contact Funky Monkey Bars for guidance before proceeding.

1.3 This product is engineered for safe use. However, misuse, improper installation, unsuitable ground conditions or inadequate supervision can result in injury.

1.4 Nothing in this manual limits or excludes liability for death or personal injury caused by negligence. Subject to that, Funky Monkey Bars assumes no liability for injuries or damage resulting from misuse, improper installation or failure to follow these instructions.

1.5 Failure to follow these instructions may result in serious injury or death.

Section 2: Assembly & Installation

2.1 Keep small children away from the assembly area at all times.

2.2 Do not use the frame until it is fully assembled, aligned, tightened and all stability checks are complete.

2.3 Two people are strongly recommended for safe assembly.

2.4 All fittings must be tightened according to the instructions. Once the frame is fully aligned, tighten all grub screws and bolts to a minimum of 40Nm using the tools provided. If a torque wrench is not available, use the correct tightening method: tighten the screw until firm, then apply one additional full rotation with an Allen key.

2.5 Review the entire assembly guide before starting. Do not skip steps.

2.6 Ensure all tubes are fully inserted into their fittings before tightening. You should feel them seat firmly in place.

2.7 **Ground pegs** - Install ground pegs at every base plate. Pegs help minimise lateral sliding on grass and assist stability. They are not structural anchors and do not replace correct assembly or supervision.

2.8 **Fall zone** - Maintain a clear fall zone around the frame of 1.5 to 2 metres.

2.9 **Ground conditions and slopes** - Install the frame on level or slightly sloping ground. Slight gradients are acceptable provided all base plates maintain solid ground contact and the frame is aligned as instructed.

2.10 **Clearances** - Keep the frame clear of fences, garages, walls, other play equipment, trees, sheds, overhead power lines and windows.

2.11 **Height adjustment and intended use** - Adjust bar height to suit the age and ability of intended users. The frame is suitable for climbing, hanging and swinging activities within the load limits and supervision levels described in this manual.

2.12 Choose the most level surface available. If installing on a slope, adjust leg heights so the horizontal ladder sits level and the frame stands square and stable.

Section 3: Safety Guidelines

3.1 Use the equipment only after completing all alignment, tightening and stability checks.

3.2 Users must not climb, sit or stand on top of horizontal or diagonal structural elements unless they are specifically designed for that purpose.

3.3 Ensure all activities performed on the frame fall within the movements it is designed for. Do not apply forces or loads the structure is not built to withstand.

3.4 Children must be supervised by an adult at all times.

3.5 A crash mat or soft fall surfacing is recommended while practising new skills or more difficult movements.

3.6 Do not attach accessories or equipment that have not been approved by Funky Monkey Bars.

3.7 Do not use the frame while under the influence of alcohol, drugs or any medication that impairs judgement or balance.

3.8 Wear appropriate clothing. Avoid scarves, long drawstrings, belts or accessories that could catch or snag on the frame.

3.9 **Behaviour expectations** - Improper or deliberate misuse can create instability, particularly when:
- Multiple users swing aggressively on one side
- Users intentionally push or rock the frame
- Dynamic movements are performed at a single end

This kind of activity should be actively supervised and discouraged.

Section 4: Stability, Alignment & Ground Conditions

4.1 **Freestanding structure** - The Funky Monkey Bars frame is a freestanding steel structure. Stability is achieved through structural geometry, frame weight, even ground contact at all base plates, correct tightening of fittings, and ground pegs that minimise lateral movement.

4.2 **Installing on slopes** - A frame can be installed on a slight gradient provided legs are adjusted to achieve vertical alignment, the horizontal ladder is level, all base plates remain fully grounded, and pegs are correctly installed.

4.3 **Ground conditions** - Ground must be firm, compact and not prone to excessive softening. Avoid waterlogged soil, deep mud, steep slopes or loose fill that may shift.

4.4 **Stability considerations** - Certain movements increase lateral load on the structure. Supervision should prevent coordinated swinging by several users on one side, side loading beyond the intended design and any attempt to tip or lift the frame.

4.5 **Stop use if unstable** - If movement, shifting or leaning is observed, stop use immediately and inspect the frame before it is used again.

Section 5: Maintenance & Inspection

5.1 **Before use on a play day (quick visual check) -** Before the first play session on any day the frame is used, carry out a brief visual check:
- Confirm the frame looks stable and square, with no obvious leaning or twisting
- Ensure the ground around each base plate is firm and level, with no deep mud, holes or washout
- For frames with moving accessories, check they move freely and show no obvious damage or fraying
- This is a fast safety glance, not a tightening session

5.2 **Fixing checks every one to two weeks**:
- Check all main connections and hardware for tightness and tighten as required
- Check all ground pegs are fully inserted and secure
- Inspect protective caps or coverings on bolts, tube ends, edges and corners, and replace if loose, cracked or missing
- For frames with moving accessories, inspect shackles, snap hooks, chains, ropes, straps or trolleys for wear, rust or deterioration

5.3 **After initial assembly** - After the first four weeks of use, retighten all fittings. This accounts for natural bedding in of the steel connections.

5.4 **Monthly structural inspection** - Once each month during the play season:
- Inspect the frame for signs of corrosion, paint wear or material damage
- Check for any bending, deformation or change in position due to ground settlement
- Confirm all base plates maintain solid ground contact
- Lightly lubricate metallic moving parts if movement becomes noisy or stiff
- Ensure all warning labels and safety stickers remain present and legible

5.5 **After severe weather or ground softening** - Following heavy rain, frost, flooding or significant ground movement:
- Confirm ground pegs remain fully inserted
- Check all base plates are in full contact with the ground
- Recheck frame alignment and overall stability
- If noticeable movement has occurred, stop use and investigate

5.6 **When to remove the frame from use** - Stop use immediately and seek advice or repair if you notice:
- Cracked, bent or heavily corroded structural components
- Loose joints that cannot be tightened
- Significant movement or rocking of the frame under load
- Damaged or excessively worn moving parts

Do not allow use again until the issue is fully resolved.

Section 6: User Responsibilities

6.1 The owner is responsible for choosing a suitable installation site, ensuring appropriate supervision, establishing rules of use, conducting routine inspections, preventing deliberate misuse and maintaining safe ground conditions.

6.2 The frame must only be used for activities appropriate to user ability and the level of supervision available.

Section 7: Warranty & Liability

7.1 Funky Monkey Bars designs and supplies this equipment using reasonable care and skill. Nothing in this manual limits liability for death or personal injury caused by negligence.

7.2 Subject to statutory rights, Funky Monkey Bars is not responsible for injury or damage resulting from:
- Incorrect installation
- Misuse or deliberate misuse
- Inadequate supervision
- Failure to inspect or maintain
- Overloading
- Unauthorised modifications
- Use with non-approved accessories

7.3 The owner or operator is responsible for ensuring the equipment remains safe for use throughout its lifecycle.

7.4 By assembling and using this Funky Monkey Bars frame, you acknowledge and accept the inherent risks associated with climbing, hanging and swinging activities.

7.5 **Warranty not transferable** - Any warranty provided by Funky Monkey Bars applies to the original purchaser only. It does not transfer to a subsequent owner, including where the frame is purchased second hand or received as a gift. Nothing in this clause affects any rights you may have under the Australian Consumer Law.

This document forms part of the terms of sale for Funky Monkey Bars products.

Section 8: Quality & Independent Testing

8.1 At Funky Monkey Bars we take the quality of our designs and safety very seriously. All Funky Monkey Bars frames go through a stringent, independent structural testing process prior to being made available for release to our customers.

8.2 Our frames are designed within the parameters of the Australian Standard for Playground Equipment AS4685.1:2014.

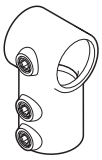
8.3 The structural integrity of our frames has been tested for performance through a combination of engineering calculations and physical testing. The tests have been performed by independent, certified structural engineers in accordance with Australian Standard for Playground Equipment AS4685.1:2014 and European Standards EN1176-1:2008.

8.4 The independent testing conducted on The Orangutan Plus certified the frame to a load rating of 1235kgs or 20 users.

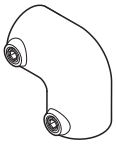
Fittings



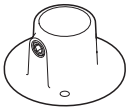
101-D48
Short Tee



101L-D48
Long Short Tee



125-D48
Elbow



131 (1)-D48
Base Plate (1 hole)



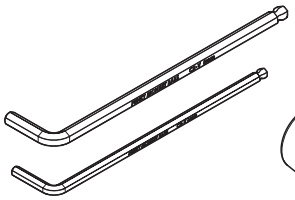
Stopper
FF Rubber Stopper



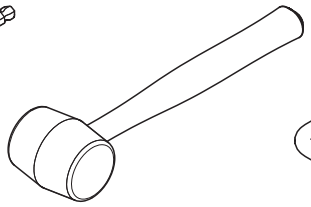
Cap
End Cap

You will need the following tools

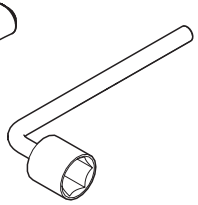
The following installation will require a minimum of two people, ideally 3 people to complete.



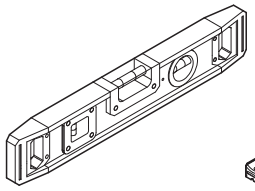
1x
8mm & 6mm Allen Keys



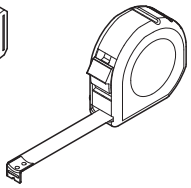
1x
Rubber Mallet



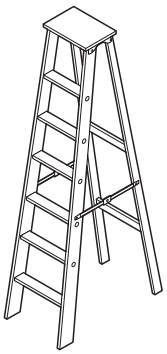
1x
17mm Spanner



1x
Magnetic Spirit Level

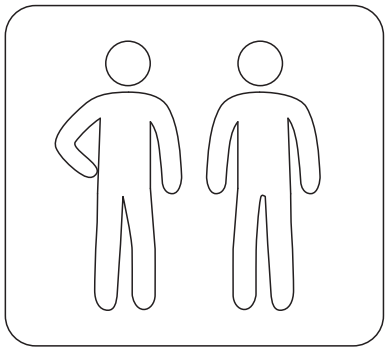


1x
Tape Measure

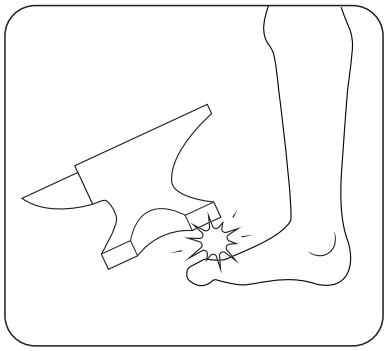


1x
Step Ladder

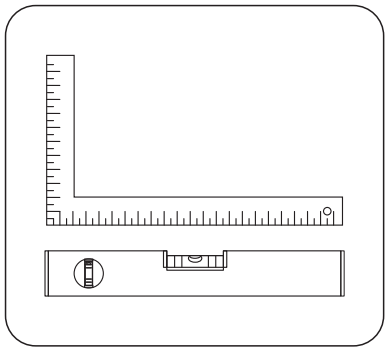
Assembly Tips



Assembly requires 2 adults.

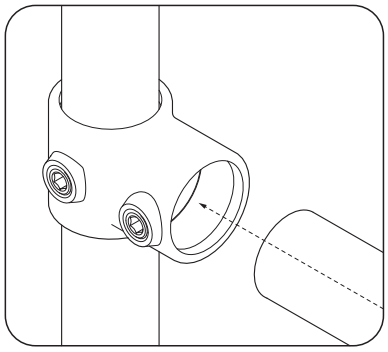


Heavy items !

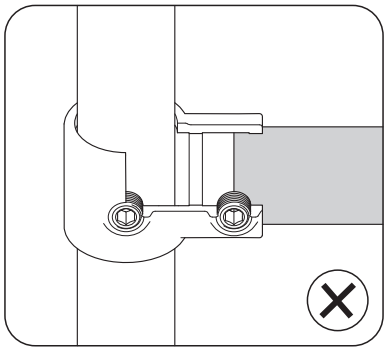


Work on flat level surface.

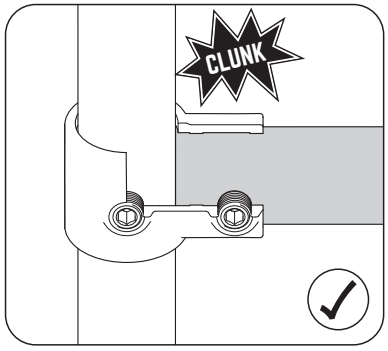
Correct Insertion Into Fittings



All tubes must be fully inserted until contact is made with adjoining tube.

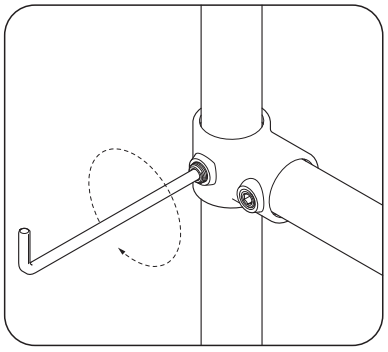


Gap.

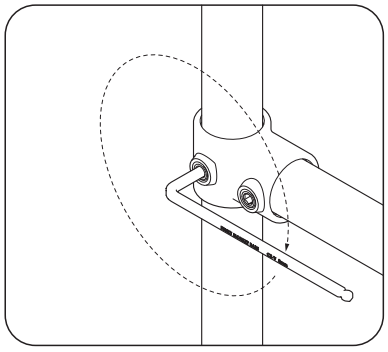


No gap.

Correct Tightening Method Of Grub Screws

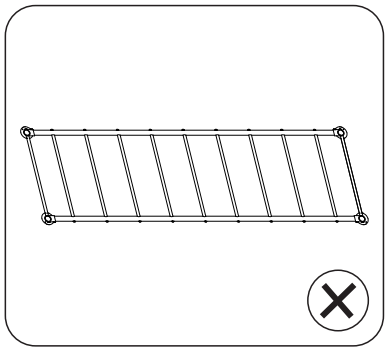


With long end of allen key, hand tighten grub screw as much as possible.

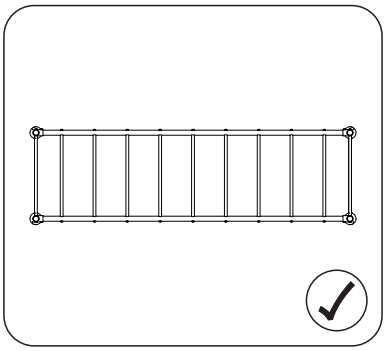


Using short end of the allen key, do one additional 360° rotation minimum.

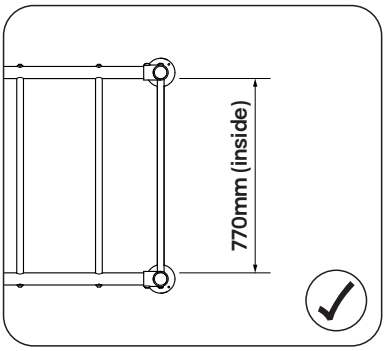
Checking frame assembly



Check assembly is 100% straight. If your frame is not straight, loosen the fittings and adjust.

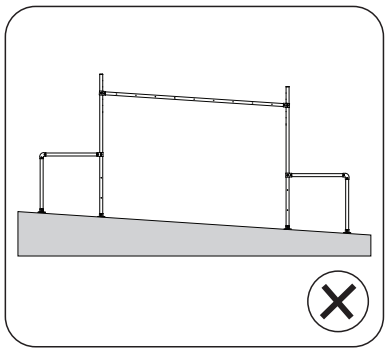


Re-tighten frame once everything is straight and level.

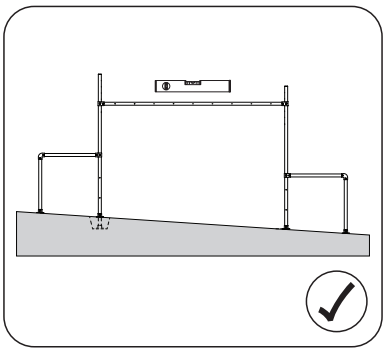


A ladder inside dimension of 770mm is critical for correct assembly.

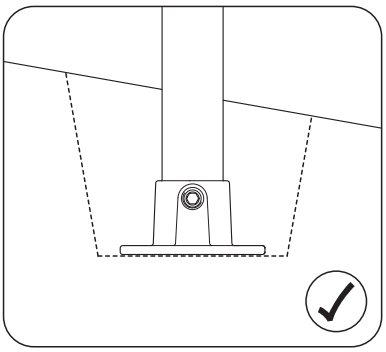
Installation on a slope



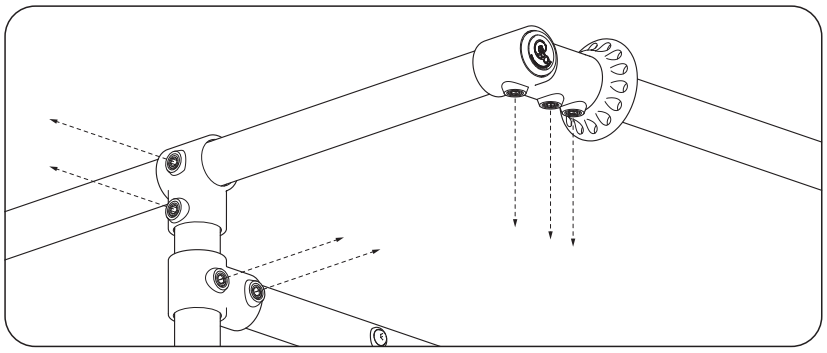
If your frame is being installed on a slope, ensure the monkey bar ladder is level.



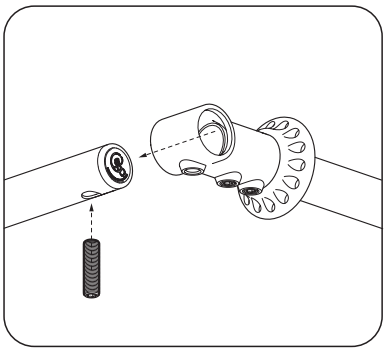
Either install the legs at different heights, or dig down at one end until level.



Typical fitting orentation (indicative diagram shown)

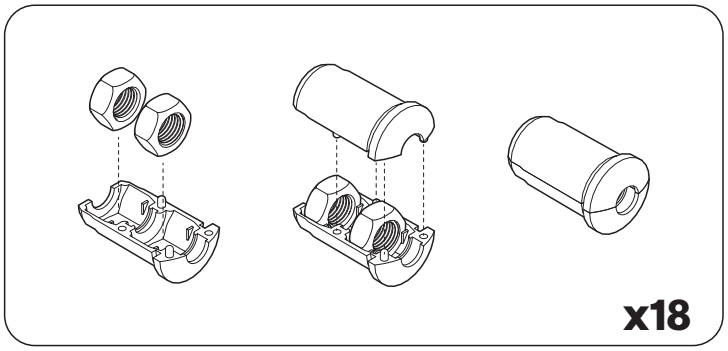


Unless otherwise stated, all grub screws and fittings should face downwards and outwards. This will reduce weathering damage, help with assembly and ease of maintenance.

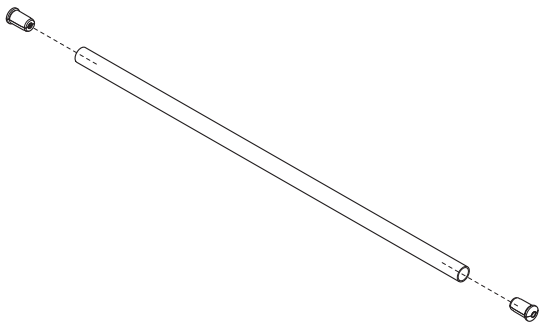


2500mm tubes feature a saftey screw hole that must be orientated downwards to fit a longer grub screw.

Ladder assembly

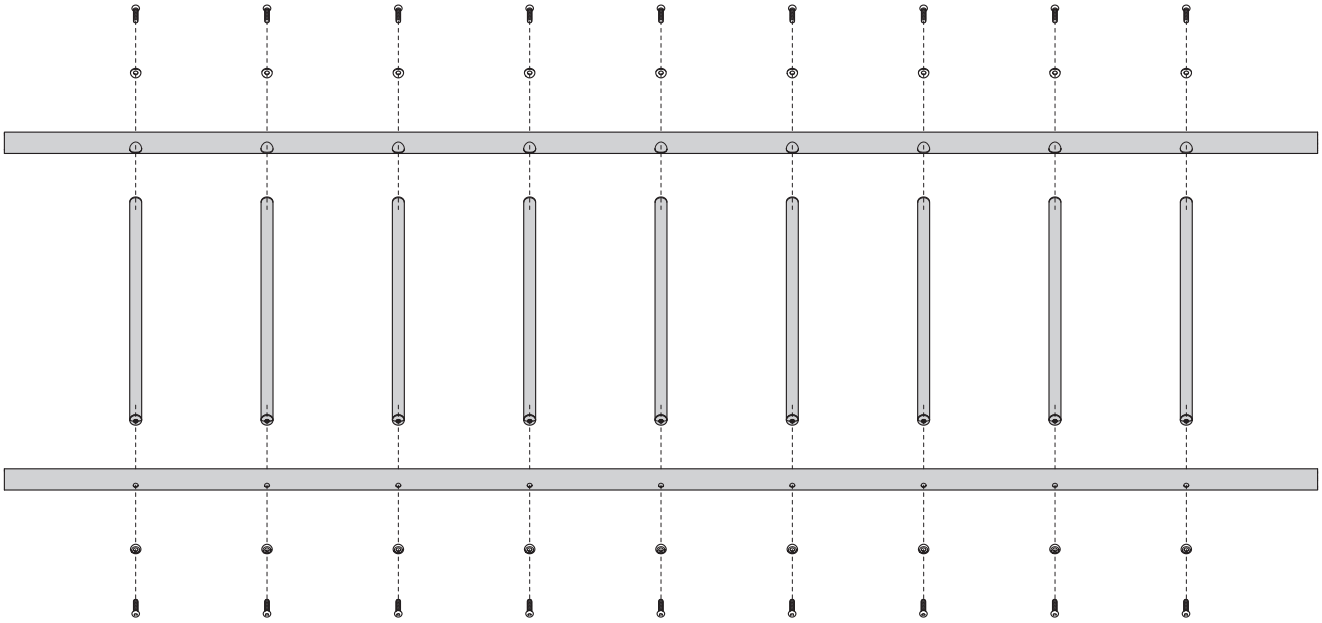


Assemble hardware as shown.



Push inserts into both ends of all rungs.

1

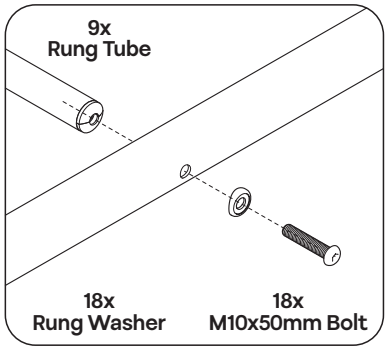


2x
Ladder Tubes 2950mm

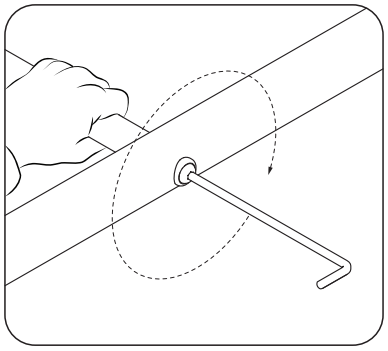
Box - A1

9x
Rungs 850mm

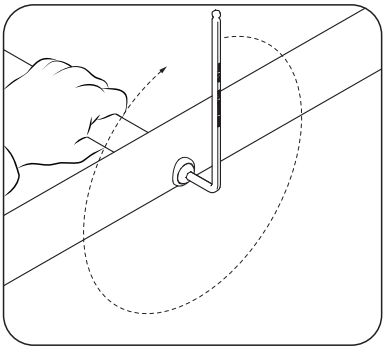
Box - D13



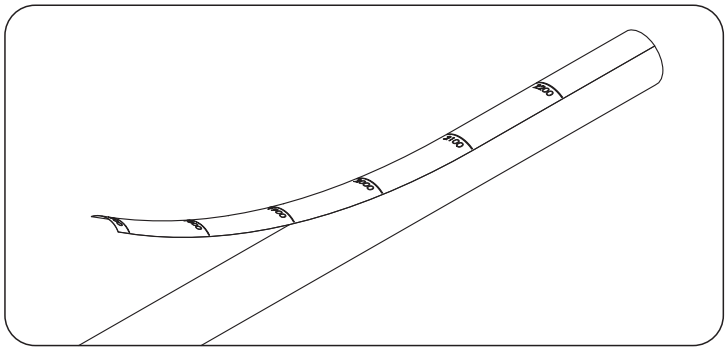
Assemble hardware as shown.



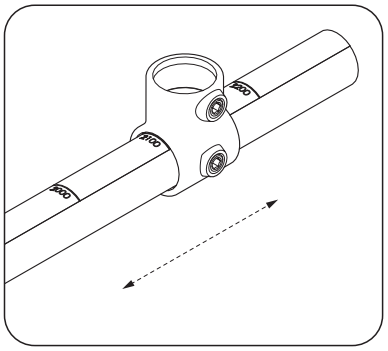
With long end of allen key, hand tighten bolt hard up against washer until tight. Hold rung to avoid rotation.



Using short end of the allen key, fully tighten bolt with an additional 3-4 full turns.

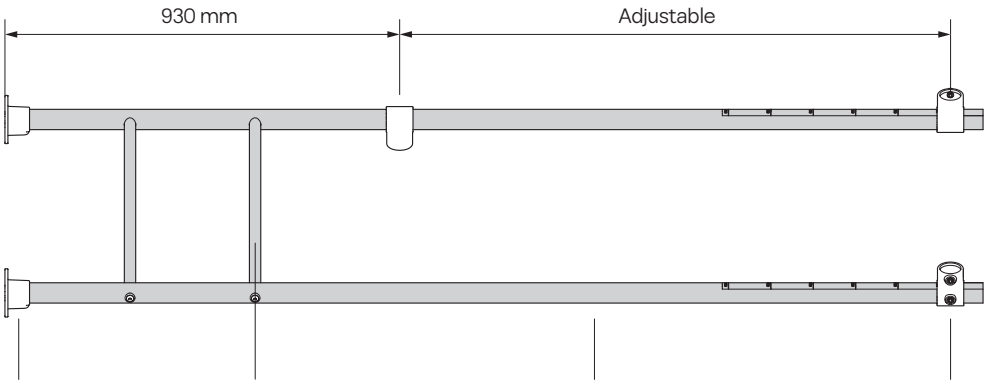


Apply height stickers to the inside face of the ladder legs



Adjust the Short Tee position for the ladder.
Typcially set to 200mm above user's reach.

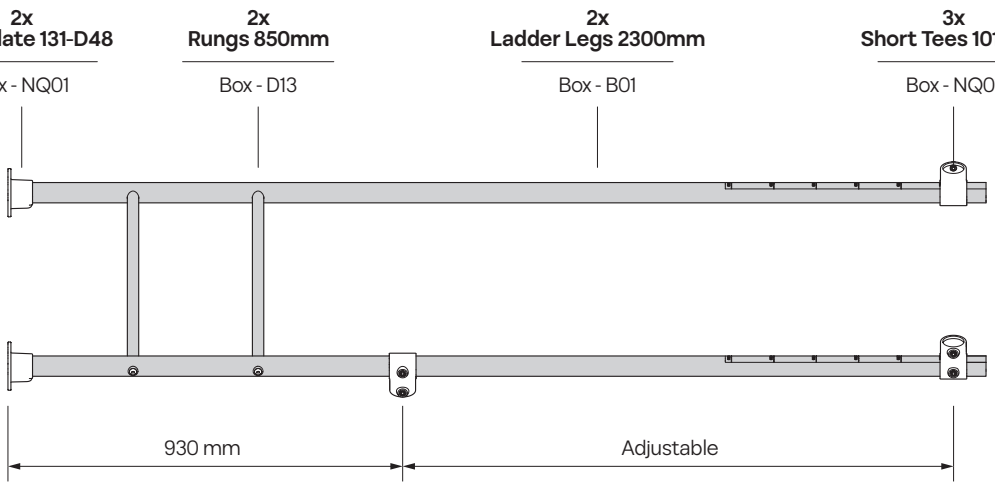
2



2x **Base Plate 131-D48**	2x **Rungs 850mm**	2x **Ladder Legs 2300mm**	3x **Short Tees 101-D48**
Box - NQ01	Box - D13	Box - B01	Box - NQ01

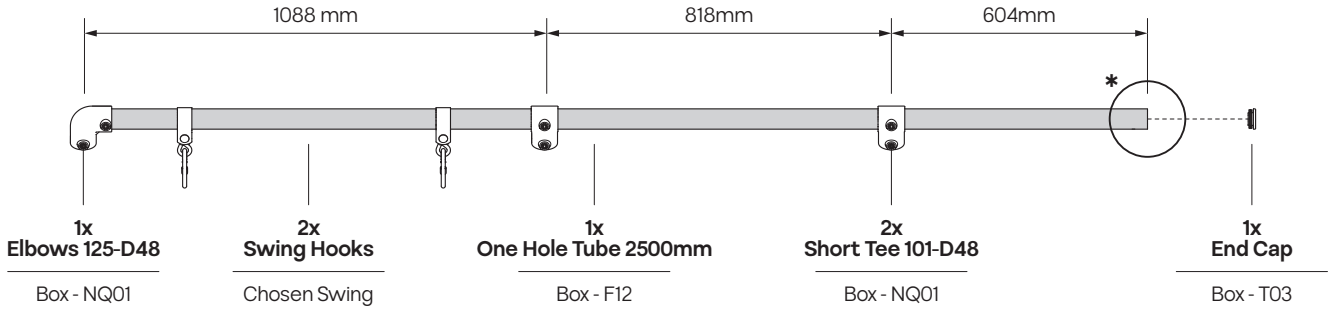
3

2x **Base Plate 131-D48**	2x **Rungs 850mm**	2x **Ladder Legs 2300mm**	3x **Short Tees 101-D48**
Box - NQ01	Box - D13	Box - B01	Box - NQ01



dimensions are centre of fittings.

4



1x
Elbows 125-D48
Box - NQ01

2x
Swing Hooks
Chosen Swing

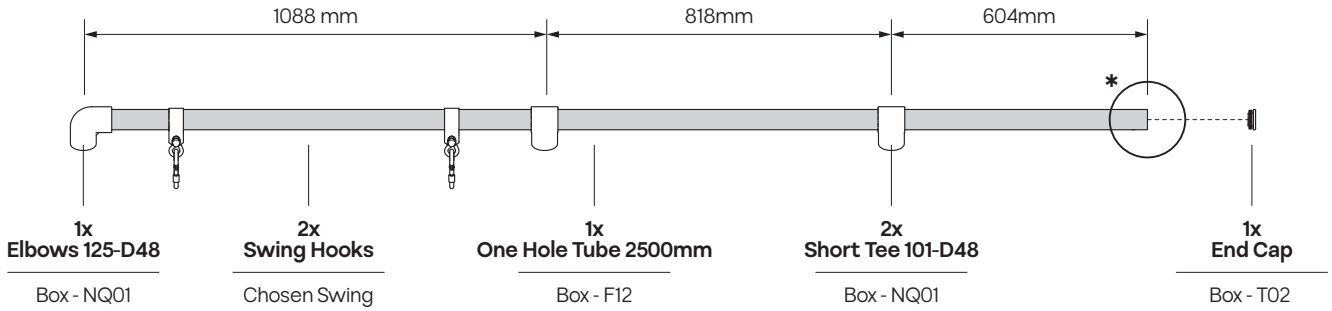
1x
One Hole Tube 2500mm
Box - F12

2x
Short Tee 101-D48
Box - NQ01

1x
End Cap
Box - T03

***Note:** This side of the tube features a safety screw hole that must be orientated downwards.

5



1x
Elbows 125-D48
Box - NQ01

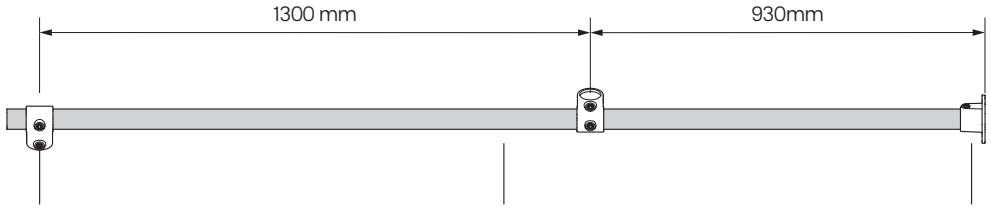
2x
Swing Hooks
Chosen Swing

1x
One Hole Tube 2500mm
Box - F12

2x
Short Tee 101-D48
Box - NQ01

1x
End Cap
Box - T02

6

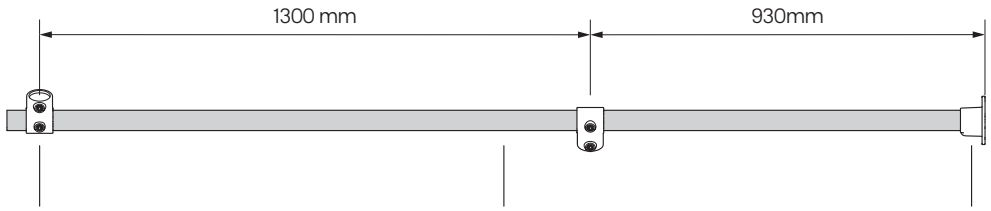


2x
Short Tee 101-D48
Box - NQ01

1x
Tube 2300mm
Box - F05

1x
Base Plate 131-D48
Box - NQ01

7



2x
Short Tee 101-D48
Box - NQ01

1x
Tube 2300mm
Box - F05

1x
Base Plate 131-D48
Box - NQ01

9



1x
Accessory Bar 2950mm

Box - F02

10



2x
Short Long Tees 101L-D48

Box - NQ01

1x
Flying Fox Trolley

Box - N1 or N2

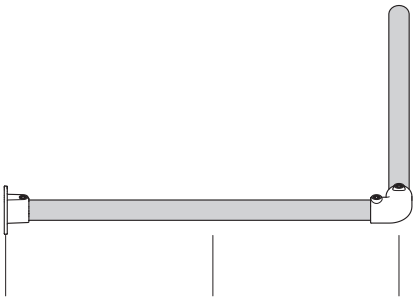
1x
Tube 2950mm

Box - F02

2x
Rubber Stoppers

Box - N01 or N02

11 **x4**



4x
Base Plates 131-D48

Box NQ01

8x
Tubes 900mm

Box C1

4x
Elbows 125-D48

Box NQ01

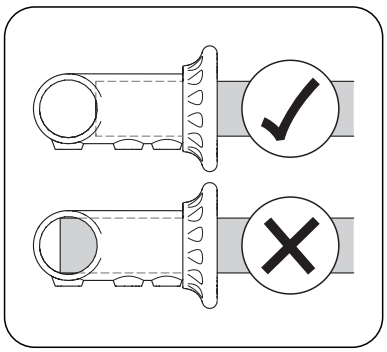
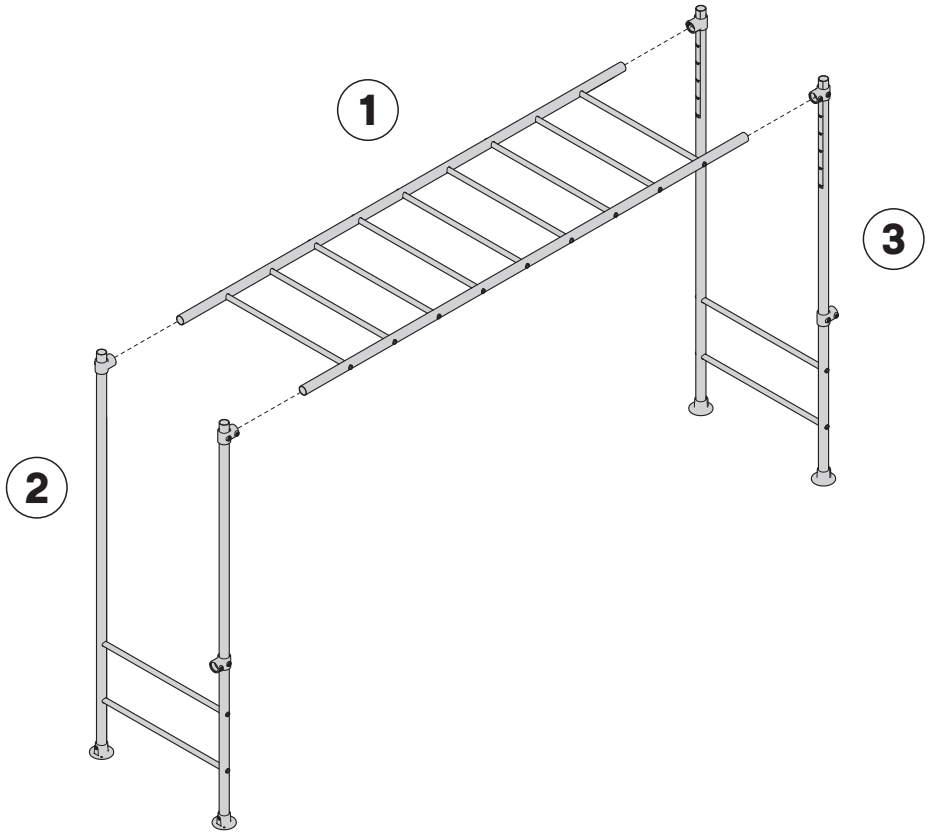
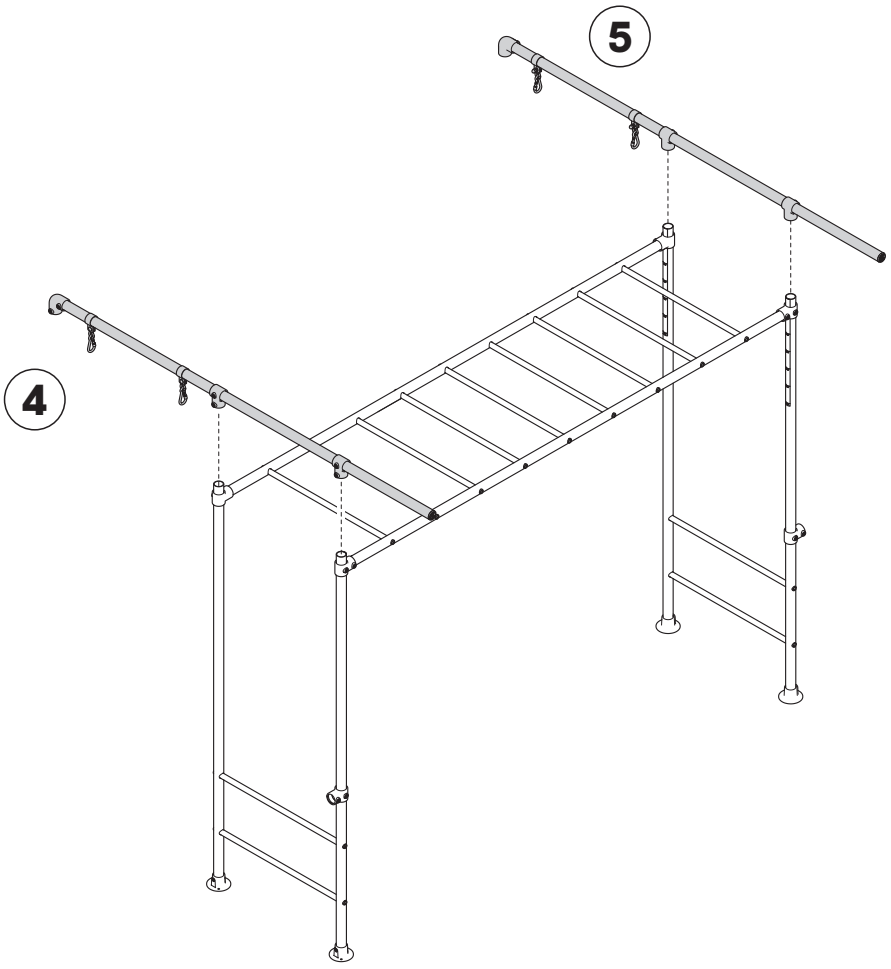
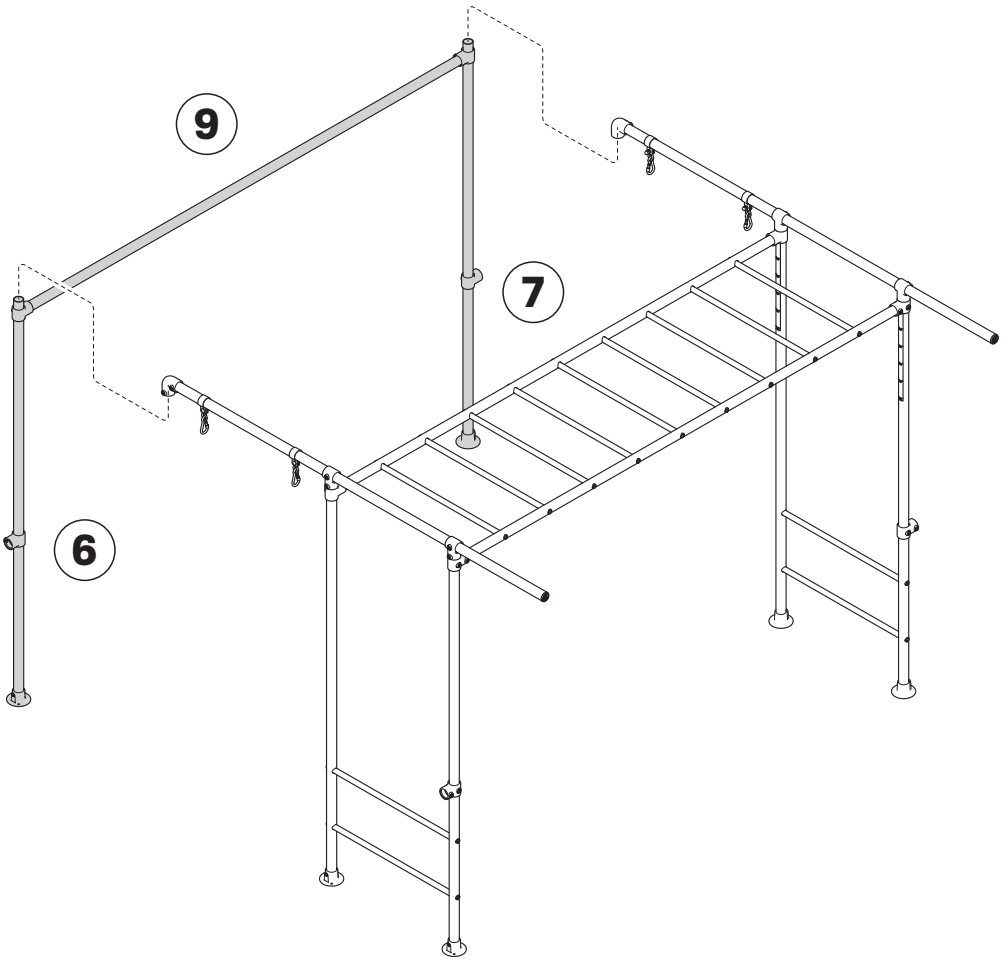


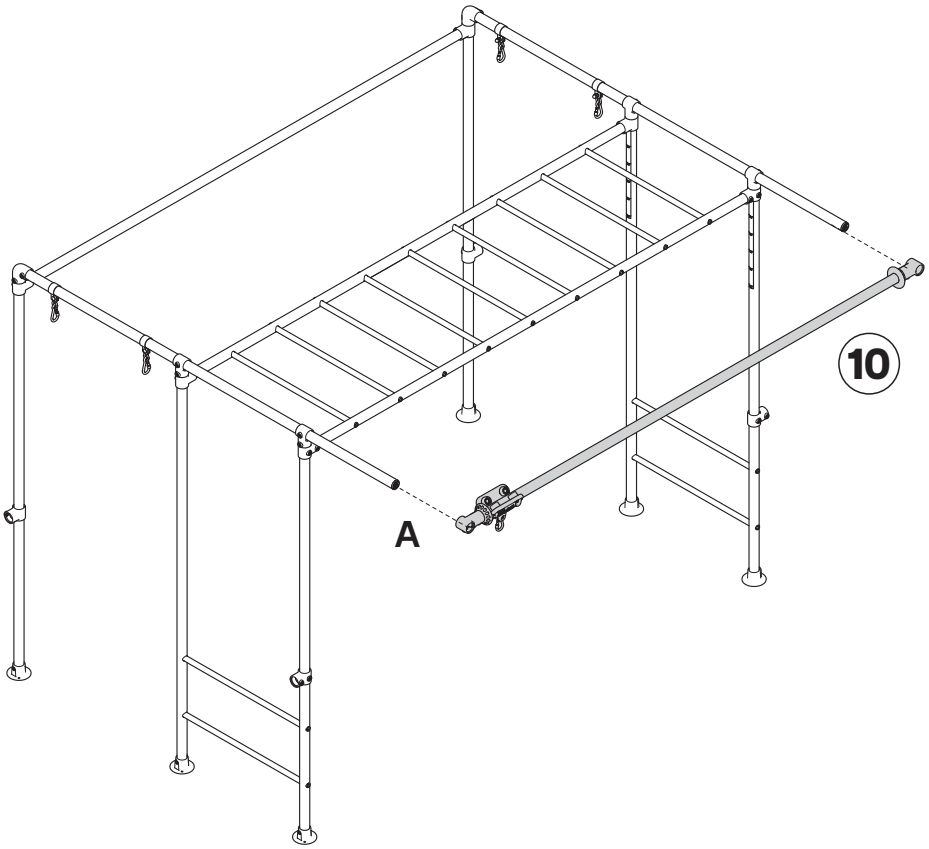
Fig A.

Funky Monkey bars®






9
7
6



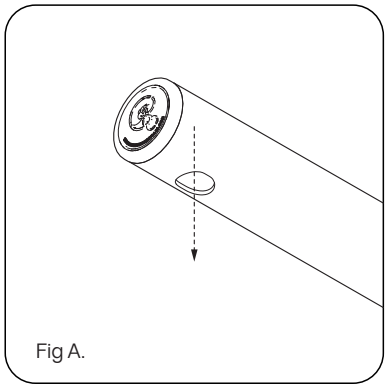
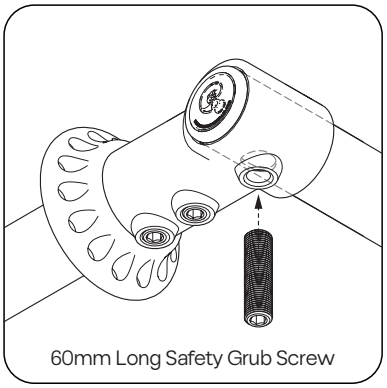
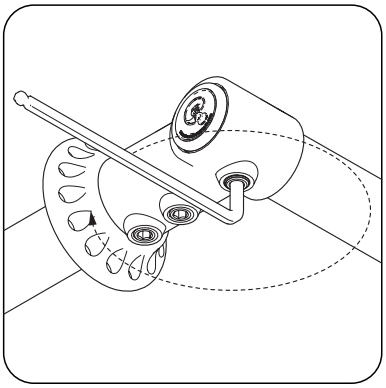


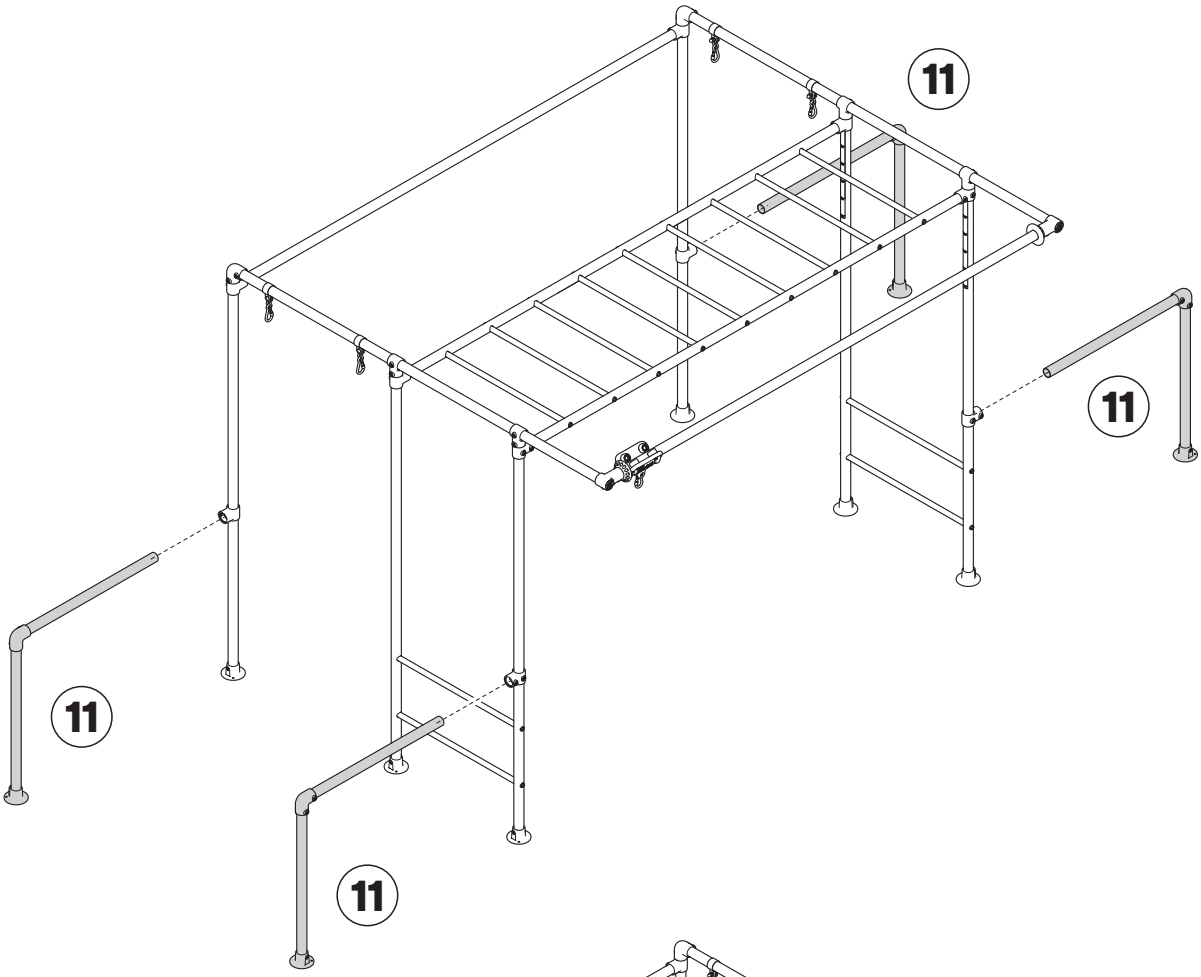
Fig A.

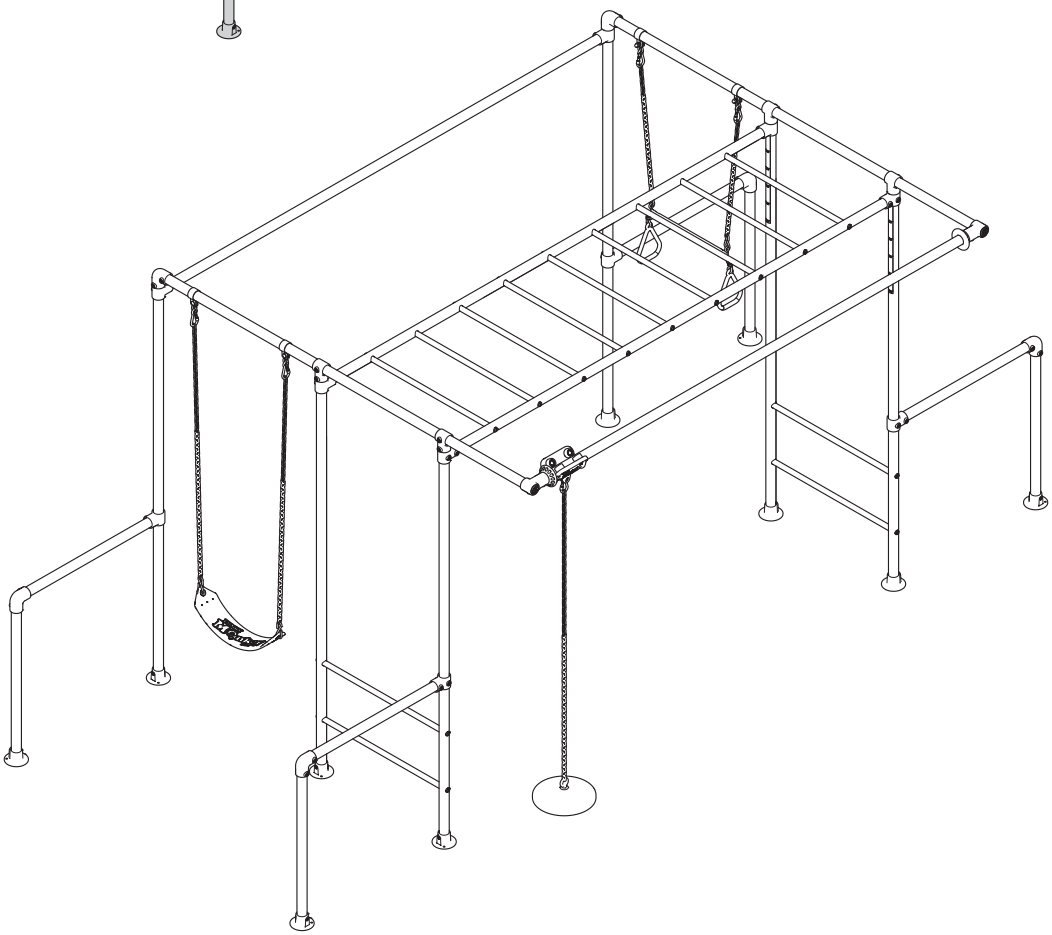


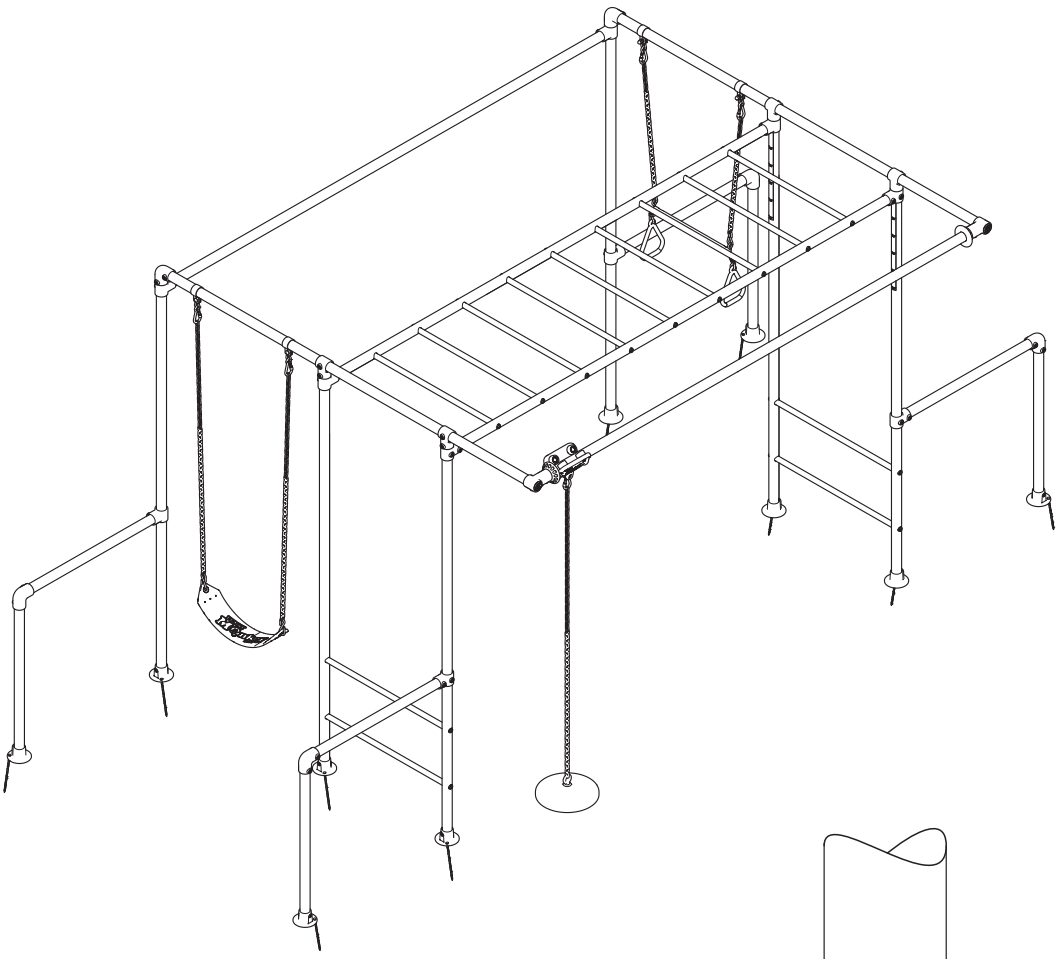
60mm Long Safety Grub Screw

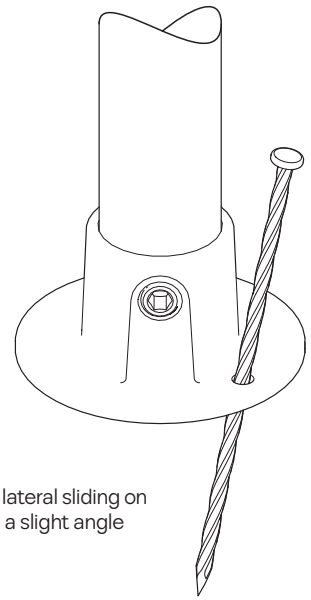


Funky Monkey bars®









Install ground pegs at every base plate. Pegs help minimise lateral sliding on grass and assist stability. It is advised to position them on a slight angle