



THE NEW NINJA
ASSEMBLY INSTRUCTIONS

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WARNING

PLEASE CAREFULLY READ ALL INFORMATION CONTAINED IN THIS ASSEMBLY MANUAL BEFORE YOU INSTALL AND USE YOUR FUNKY MONKEY BARS®.

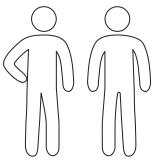
SAFETY NOTICE

- 1. Any person handling or using the Funky Monkey Bars® products must follow the instructions as described in this document. The person in charge of assembling and using the equipment must ensure that the recommendations for use given in this document are seen by all users.
- 2. Only use the Funky Monkey Bars® after they have been fully assembled and after checking that the fittings are tightened properly (refer to page 5 Correct Tightening Method).
- 3. DO NOT install your Funky Monkey Bars® over concrete, asphalt, packed earth, wood decking or any other hard surface. A fall onto a hard surface can result in serious injury or death.
- 4. Inspect all grub screws, bolts and nuts at the beginning of each play session to ensure your Funky Monkey Bars® are tight and secure.
- 5. Ensure all tubes are fully inserted into fittings until you hear the magic "CLUNK" sound.
- 6. Ensure your Funky Monkey Bars® are properly secure at ALL times. Pegs are in place and inserted fully into the ground.
- 7. DO NOT exceed the maximum load/weight limit as recommended by Funky Monkey Bars®.
- 8. Children should be supervised by an adult at all times.
- 9. Installing a gym/crash mat under the fall zone area of your Funky Monkey Bars® would be recommended for children learning this new skill. This will reduce the chance of injury and build the child's confidence while they build strength and master the skill.
- 10. Ensure you have thoroughly read your assembly and installation instructions and viewed our on-line installation videos at https://www.funkymonkeybars.com/blogs/installation-maintenance-videos
- 11. DO NOT climb, sit or stand on top of the monkey bar (horizontal ladder) section.
- 12. DO NOT jump from the top of any section of the monkey bar.
- 13. DO NOT use your Funky Monkey Bars® when wet as the steel will be slippery.
- 14. DO NOT attach items to your frame that are not designed specifically to be used with Funky Monkey Bars®, especially lower quality products that have not been approved by Funky Monkey Bars®.
- 15. Ensure the height of your Funky Monkey Bars® (horizontal ladder) are set at a level that is age appropriate.
- 16. DO NOT install your Funky Monkey Bars® over or near objects that could interfere with users in an unsafe way. Maintain a clear area around your Funky Monkey Bars®.
- 17. DO NOT use your Funky Monkey Bars® while under the influence of drugs and alcohol.
- 18. Wear clothing free of drawstrings, hooks, loops or anything that could get caught while using your Funky Monkey Bars® and result in entanglement and/or strangulation.

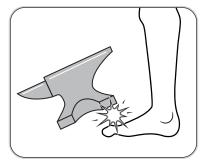
ASSEMBLY

- 1. Keep small children away from the Funky Monkey Bars® during assembly.
- 2. Do not attempt to use the Funky Monkey Bars® until it is completely assembled and every fitting is tight and secured.
- 3. Installation typically takes 3-4 hours to complete. Two people are recommended for assembly.
- 4. Ensure all fittings are tightened to the correct tightening method as described on page 5.
- 5. Assembly should be carried out on clean, dry, level surface

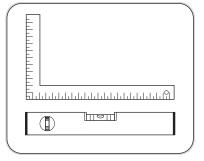
Please refer to the video section on the Funky Monkey Bars® website for more handy tips and assembly instructions at http://www.funkymonkeybars.com/pages/videos







Heavy items!



Work on flat level surface.

LOCATION

- 1. A safe fall zone around your Funky Monkey Bars® is essential. A minimum distance of 1.5m to 2m (5 ft to 6.5ft) is recommended around the elevated hanging points of your Funky Monkey Bars®.
- 2. Place your Funky Monkey Bars® on level ground, away from any structure or obstruction such as a fence, garage, house, overhanging branches, laundry lines or electrical wires and remove any obstructions beneath your Funky Monkey Bars®.
- 3. Ensure your Funky Monkey Bars® are positioned away from retaining walls, pool fences, structures and other play equipment. Maintain a clear space around the whole perimeter of your Funky Monkey Bars®.
- 4. Place your Funky Monkey Bars® on the most level surface available.

MAINTENANCE

- 1. At the beginning of each heavy play session we recommend the following maintenance processes be performed on your Funky Monkey Bars®:
 - Tighten all bolts, grub screws and applicable hardware (as per page 5)
 - Lubricate all metallic moving parts as per instructions (flying fox, swing hooks etc)
 - Check all protective coverings on bolts, pipes, edges and corners. Replace if they are loose, cracked or missing.
 - Check all moving parts including swing seats, shackels, snap hooks, chains and trolleys for wear, rust, or other deterioration. Replace as needed.
- 2. Twice a month during play season we would recommend the following maintenance processes be performed on your Funky Monkey Bars®:
 - Tighten all connections and hardware
 - Check all protective coverings on bolts, pipes, edges and corners. Replace if they are loose, cracked or missing.
- 3. Once a month during play season we would recommend the following maintenance processes be performed on your Funky Monkey Bars®:
 - Lubricate all metallic moving parts as per instructions (flying fox, swing hooks etc). If swings start to squeak then lubricate swing hooks.
 - Check all moving parts including swing seats, ropes, chains and trolleys for wear, rust, or other deterioration. Replace as needed.
 - Owners shall be responsible for maintaining the legibility of any warning labels.

For additional information concerning your Funky Monkey Bars®, please contact our customer service team or check our website for any important updates. Phone - 1300 912 198 or www.funkymonkeybars.com

QUALITY & INDEPENDENT TESTING

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.

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

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.

The independent testing conducted on The New Ninja certified the frame to a load rating of 1200kgs or 21 users.

LOAD TESTING CERTIFICATION				
DATE OF TEST	MODEL	NUMBER OF USERS	USER LOAD (KG)	LOAD RATING (KG)
Jul 2020	New Ninja	21	60	1200

I hereby confirm all testing was undertaken in accordance with Physical Testing of Structural Integrity requirements of AS 4685.1: 2014 App C / EN 1176-1:2008° except where noted below;

COMMENTS:

N/A

DATE:

Jul 2020

 APPROVED BY:
 Funky Monkey Bars®
 WITNESSED BY:
 Independent Engineer

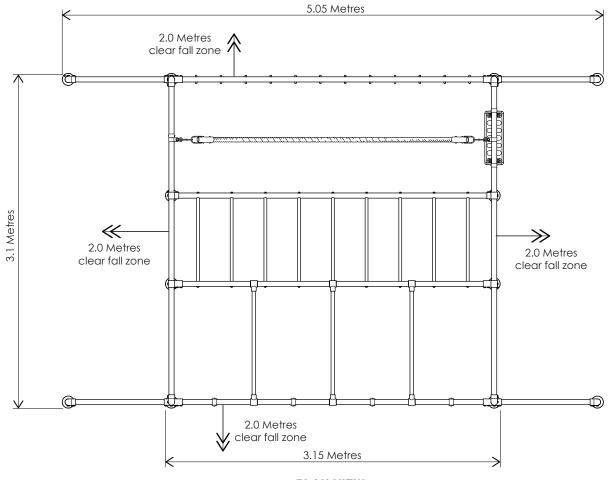
TO THE PARTY.

DATE: Jul 2020

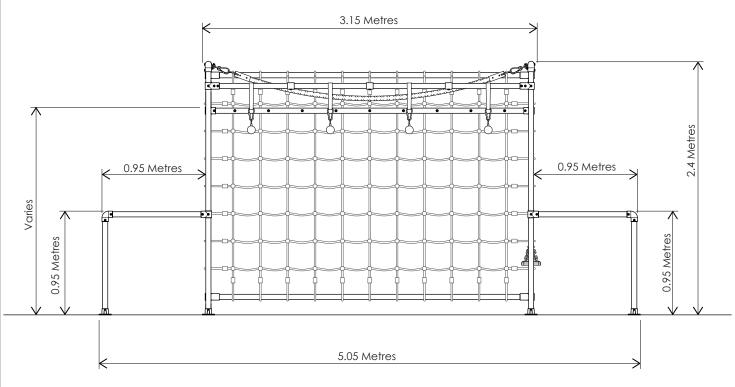
APPROVED

FUNKY MONKEY BARS® THE NEW NINJA OVERALL DIMENSIONS

A mimimum of 2.0 Metres clear fall zone is recommended around the elevated hanging points of your Funky Monkey Bars®.



PLAN VIEW (not to scale)

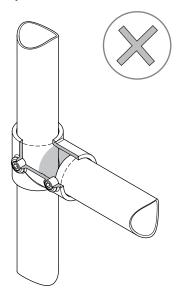


SIDE VIEW

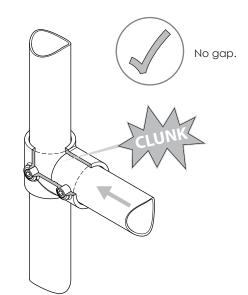
(not to scale)

CORRECT INSERTION INTO FITTINGS - (INDICATIVE DIAGRAM SHOWN)

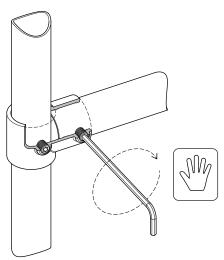
All tubes must be fully inserted until contact is made with adjoining tube.



Gap.

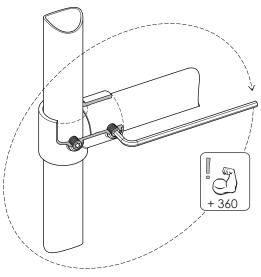


CORRECT TIGHTENING METHOD OF GRUB SCREWS - (INDICATIVE DIAGRAM SHOWN)



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

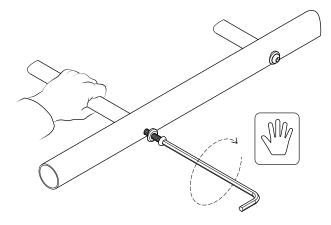




2. Using other end of the allen key do one full 360 degree turn as a minimum, use muscles!

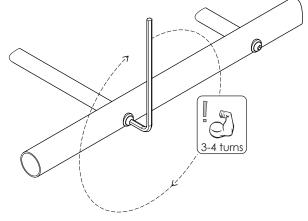


CORRECT TIGHTENING METHOD OF RUNG BOLTS - (INDICATIVE DIAGRAM SHOWN)



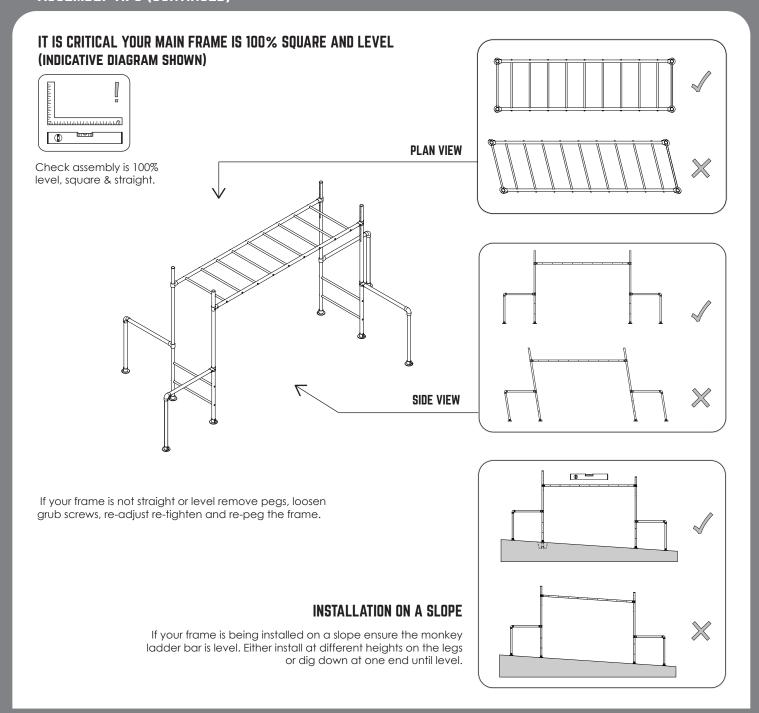
 With long end of allen key, hand tighten bolt hard up against washer and outside of tube. Hold rung to avoid rotation.

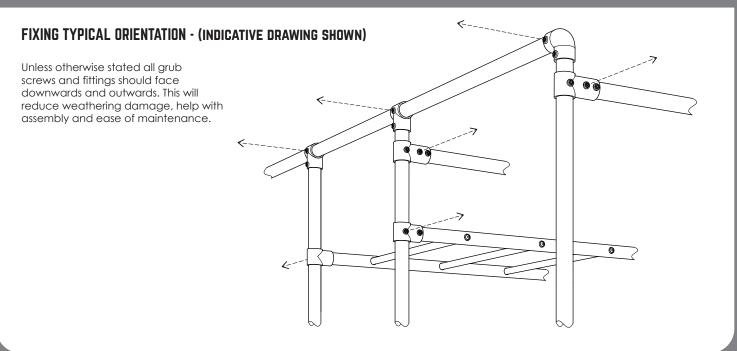




2. Using short end of the allen key fully tighten, approximately 3-4 full turns .







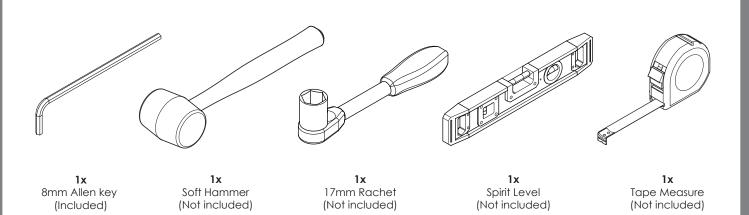
SUPPLIED BOXES.

NOTE: The New Ninja frame comprises of a total of 18 boxes: (some found inside other boxes)

QUANTITY.	CODE.	DESCRIPTION.	
1	Al	2 x Ladder Tubes	
2	В1	2 x Adjustable Leg Tubes	
1	C1	8 x Colour Twirly Whirly Tubes	
1	D-13	13 x Colour Rung Tubes	
3	F2	6 (Total) x Silver 2950mm Accessories Tubes	
2	F5	4 (Total) x Silver 2300 Swing Leg Tubes	
1	16	3 x Silver 1040mm Lache Bar Tubes 33Ø	
1	N	Accessories Box	
1	O2	Cargo Net	
1	Q5	Fittings and Hardware	
1	Q20	Fittings and Hardware	
1	Q31	Fittings and Hardware (Inside box N)	
2	Q32	Fittings and Hardware (Inside box N)	

TOOLS REQUIRED FOR INSTALLATION

Total 18



INVENTORY (CONTINUED)

TUBES

13x 25Dia. x 850mm Rung Tube 0______

8x 50Dia. x 900mm Twirly Tube

3x 33Dia. x 1040mm Lache Tube **0**

 4x
 50Dia. x 2300mm

 Swing Leg Tube
 0

 4x
 50Dia. x 2300mm

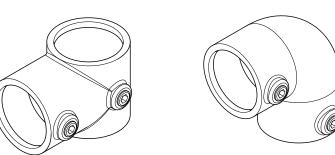
 Adj. Leg Tube
 0
 0

2x 50Dia. x 2950mm Ladder Tube 0 0 0 0 0 0 0 0

6x 50Dia. x 2950mm

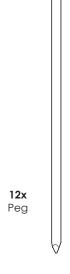
Double Swing/ Accessories Tube

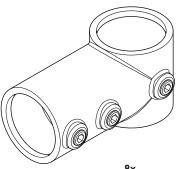
FITTINGS



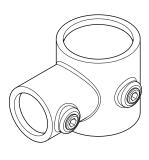
12x Short Tee D-101



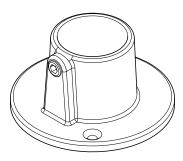




8x Long Short Tee D-101L



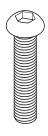
6x Reducing Tee D-101 D48-B34



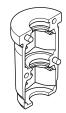
12x Base Plate D-131

INVENTORY (CONTINUED)

HARDWARE



27x M10 Bolt



54x Rung Insert



27x Washer



54x M10 Hex Nut



Plastic End Cap



1x Manufacture Sticker



2x Logo Sticker



1x Warning Label Sticker

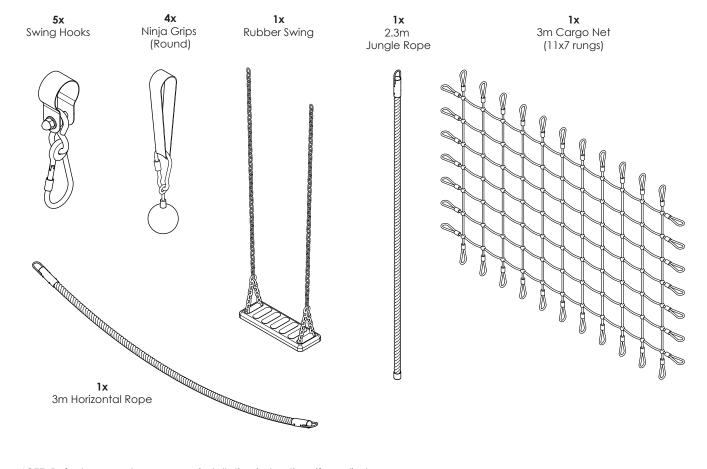


2x Australia Made Sticker



4x Height Sticker

COMPONENTS (ACCESSORIES IF APPLICABLE)



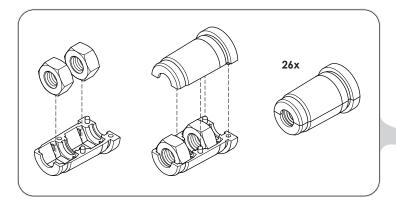
 ${\tt NOTE: Refer\ to\ separate\ accessory\ installation\ instructions\ if\ supplied.}$

One of the best things about Funky Monkey Bars® is the ability to add new equipment and accessories as your child and family grows. You can swap or add accessories to your existing frame, or add extra frames that will give you more versatility to attach equipment. Check out what we've got in store now at...

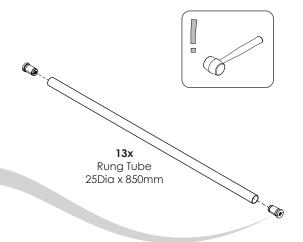
WWW.FUNKYMONKEYBARS.COM

ASSEMBLY INSTRUCTIONS - LADDER BAR ASSEMBLY

1 RUNG ASSEMBLY (X13)



1. Assemble plastic rung inserts as shown above.



2. Push inserts into both ends of all rungs.

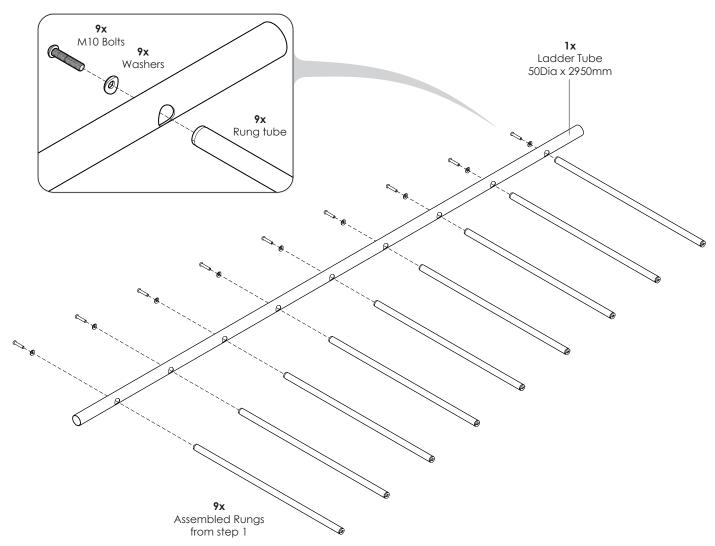
9 MONKEY BAR LADDER ASSEMBLY

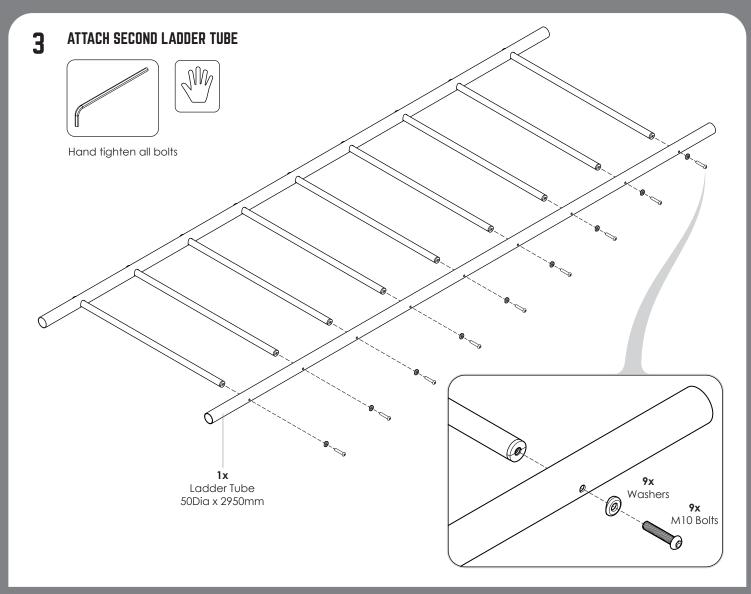


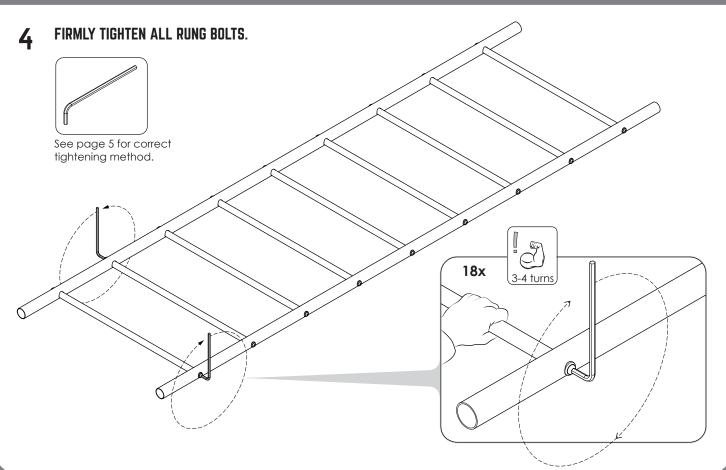




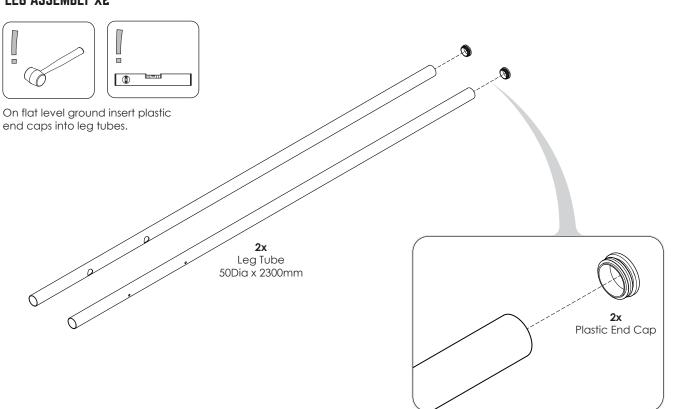
On flat surface insert rungs from step 1 into a ladder tube. Hand tighten grub screws.



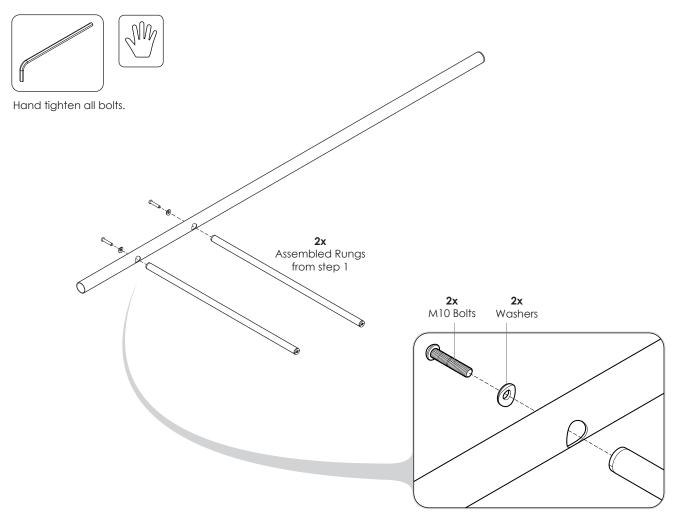




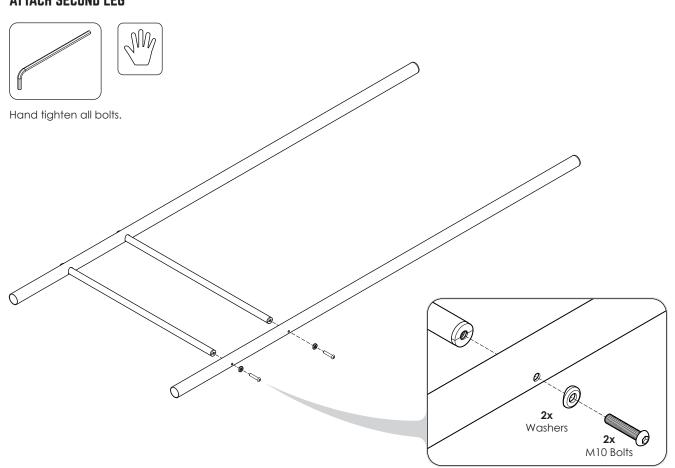
5 LEG ASSEMBLY X2



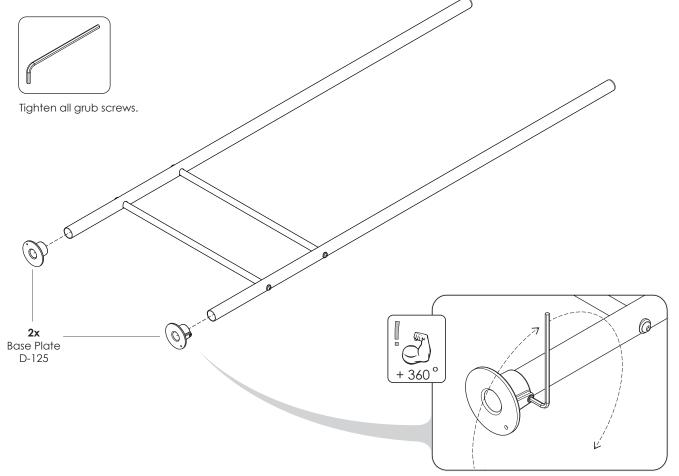
6 INSERT RUNGS INTO LEG

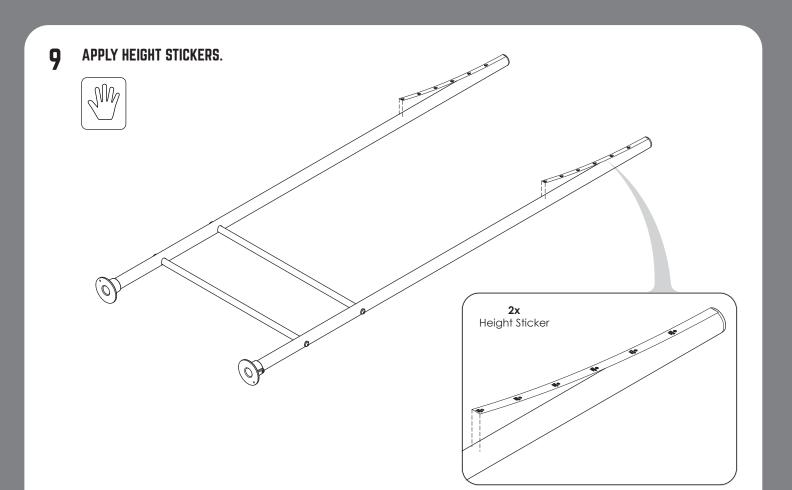


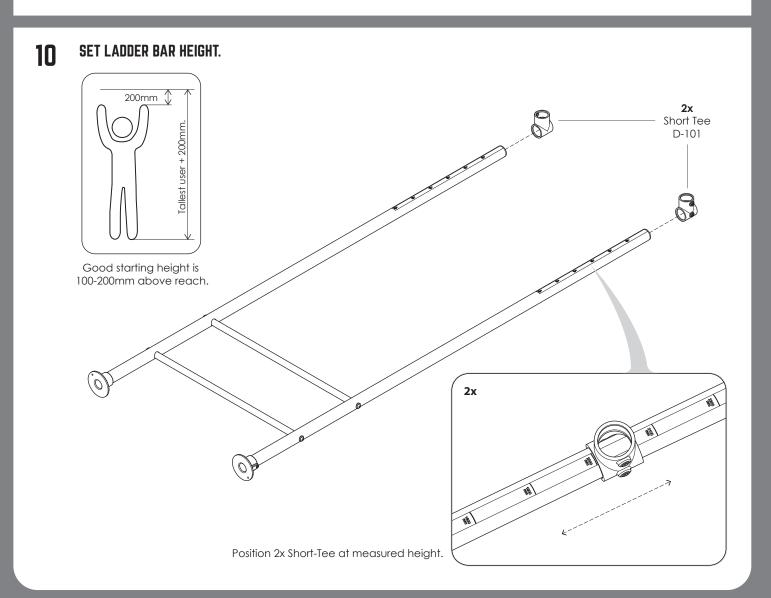
7 ATTACH SECOND LEG

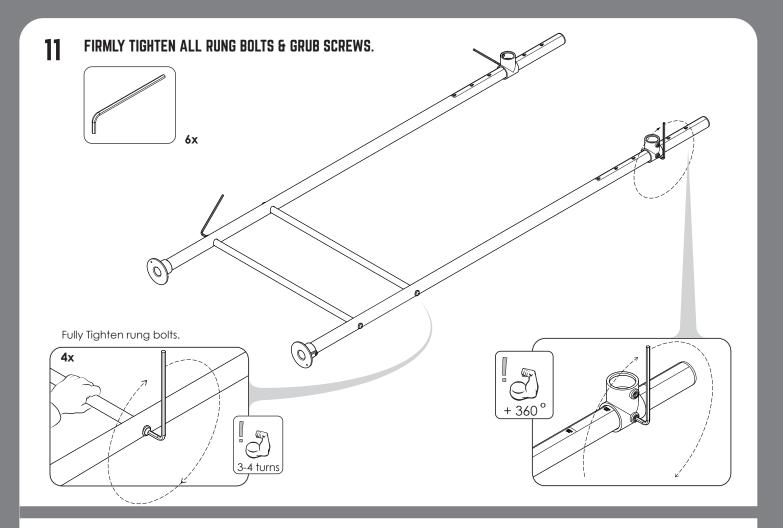


ATTACH BASE PLATES









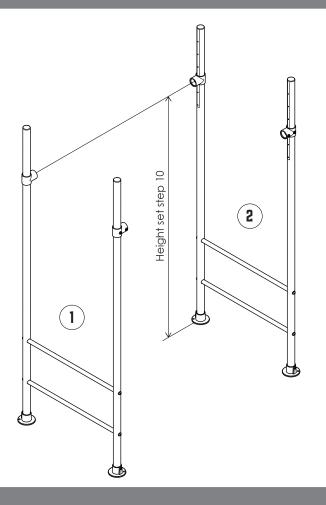
12 REPEAT STEPS 5 - 11 FOR 1X MORE SET OF LEGS. (ENSURE SHORT TEES ARE SET AT THE SAME HEIGHT)

13 LEG ASSEMBLY X 2.





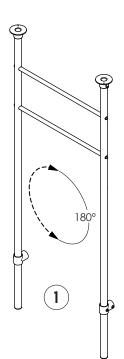
- Stand legs up with top tees facing each other.
- 2. Check all grub screws are fully tightened.

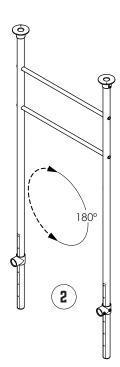


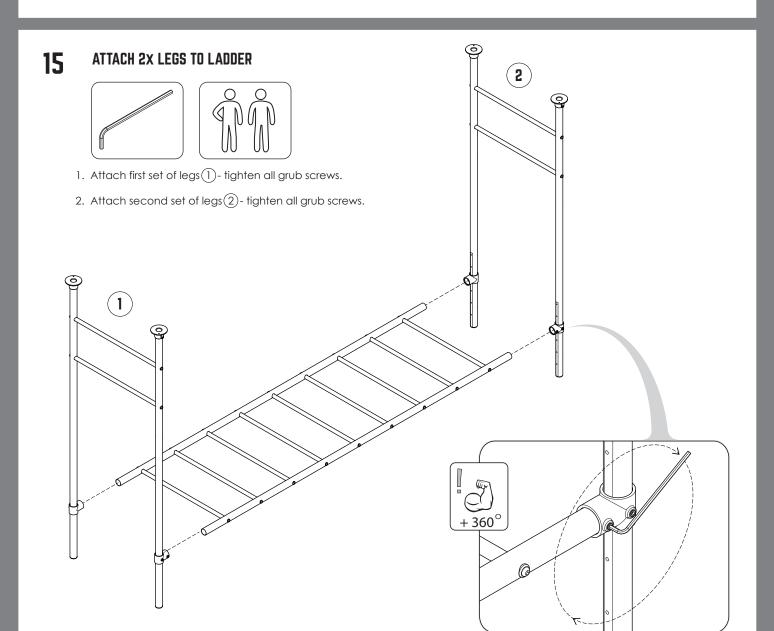
14 FLIP LEGS 1 & 2 OVER



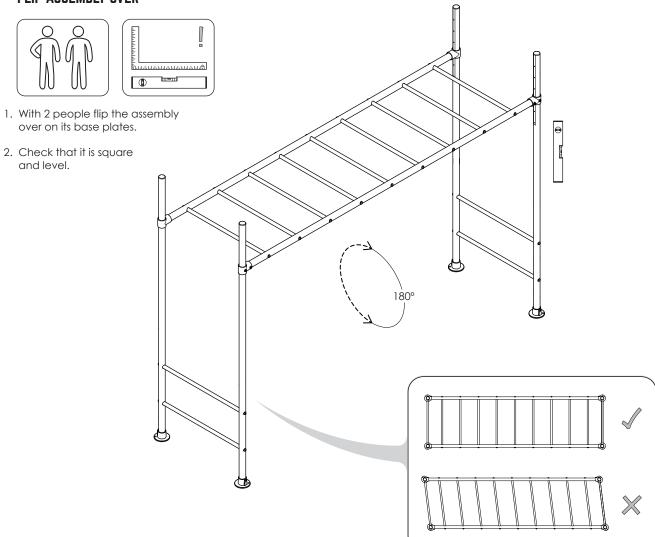
For the following step the legs should be flipped over & attached one at a time.







16 FLIP ASSEMBLY OVER

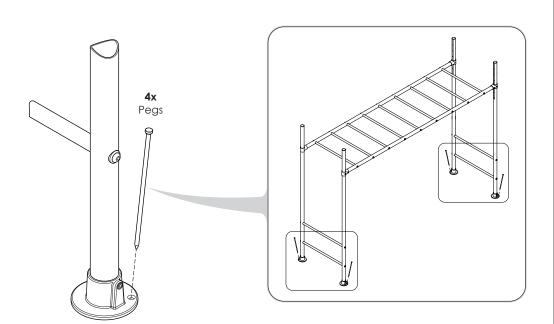


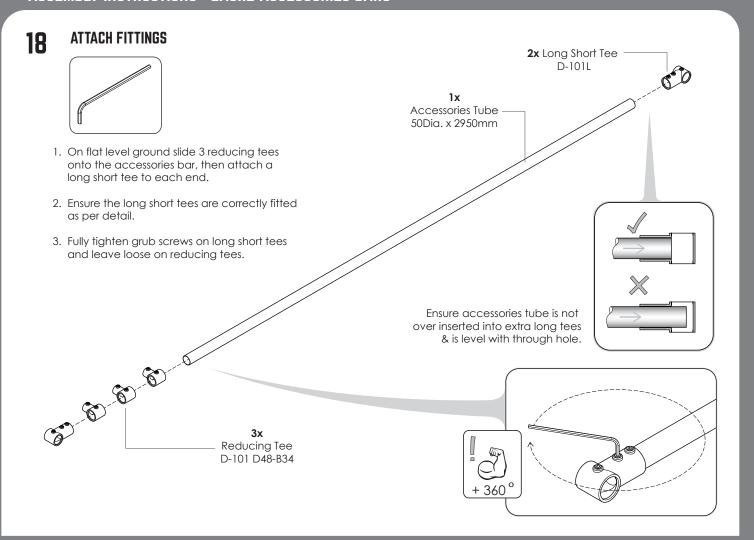
CRITICAL: ENSURE YOUR FRAME IS 100% SQUARE AND LEVEL (AS PER PAGE 6)
BEFORE MOVING ONTO THE REST OF THE ASSEMBLY

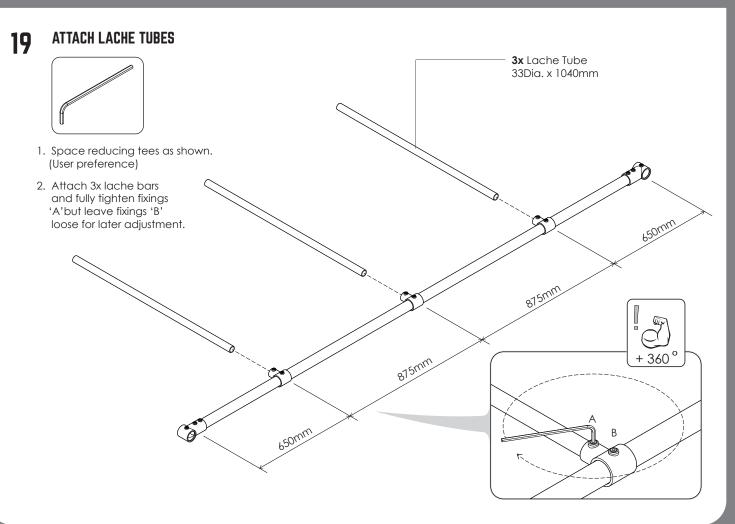
17 SECURE TO GROUND



- Move into selected suitable location with adequate fall zone. (refer to page 4).
- 2. Hammer in pegs x4.





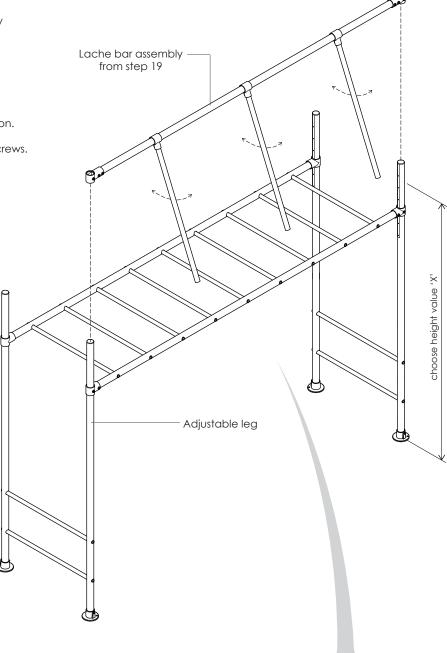


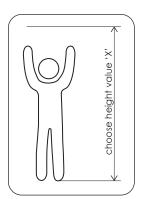
20 ATTACH LACHE BAR ASSEMBLY



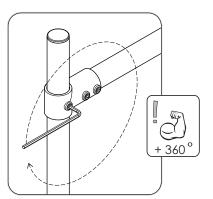
- With 2 people rotate the assembly and slide onto adjustable legs to a desired height 'X'.
- 2. Check that it is square and level.
- Ensure that the grub screws on the reducing tees will be facing downwards when lifted into position.

3. Fully tighten long short tee grub screws. Leave reducing tees loose.

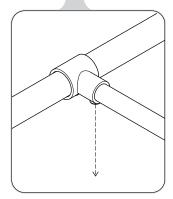




Depending on skills and user height, select a suitable lache bars height.

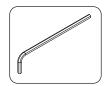


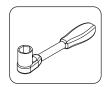
Fully tighten grub screws.



Grub screws facing downwards when in position.

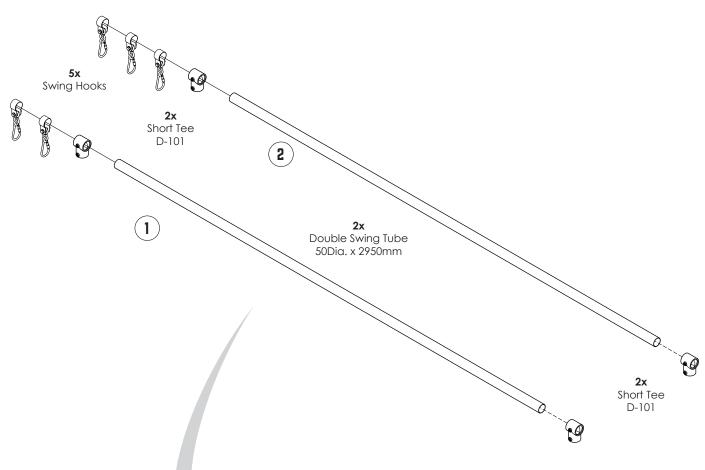
21 SWING BAR ASSEMBLY X2.



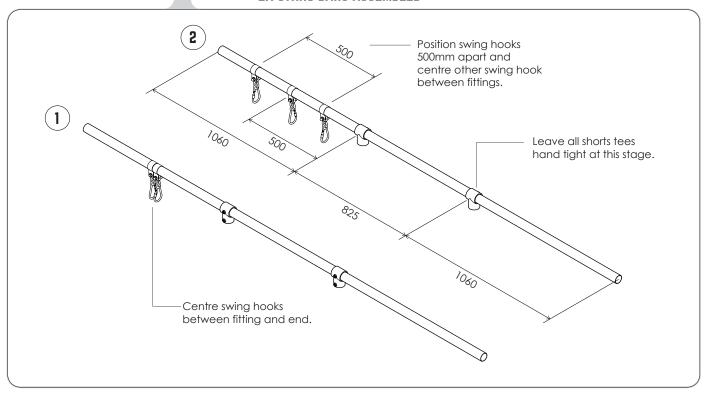


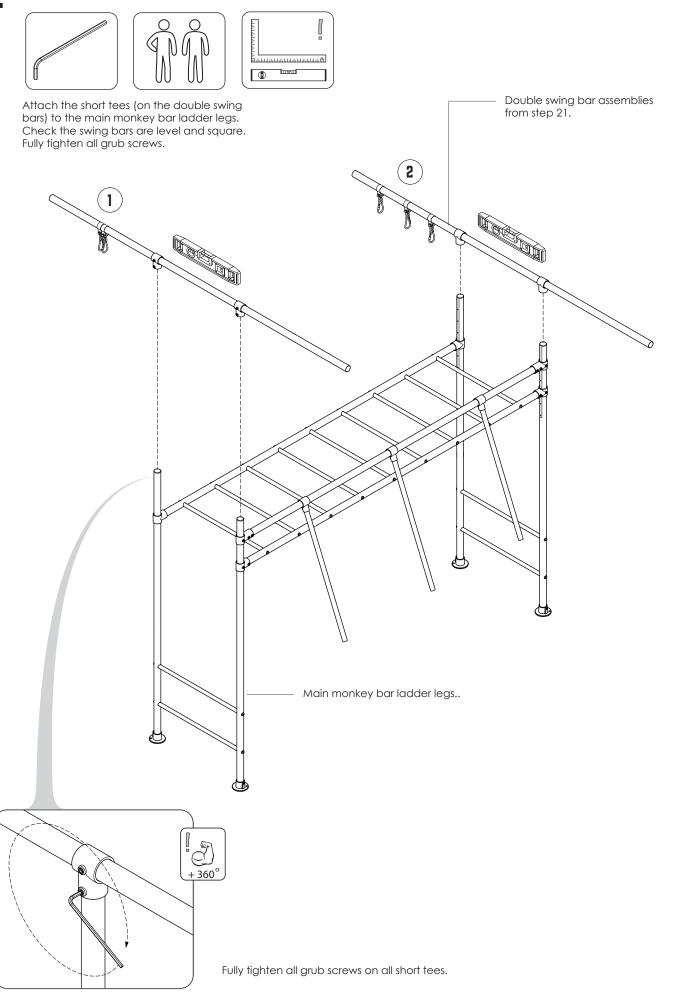


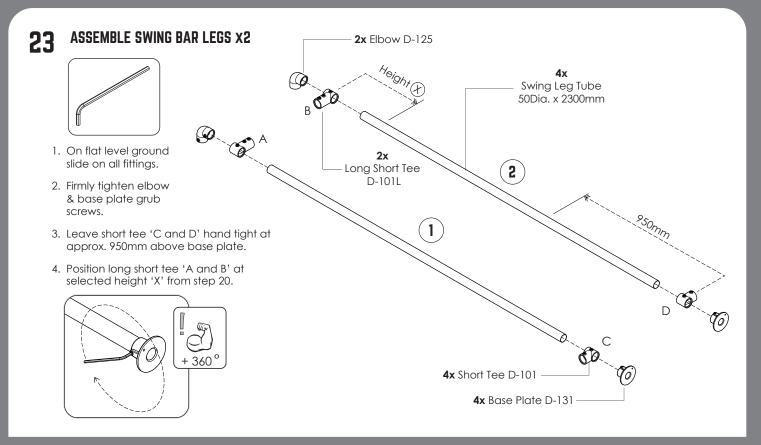
Slide on all fittings. Leave short tees and swing hooks hand tight only for assembly adjustment later, see below for spacing.

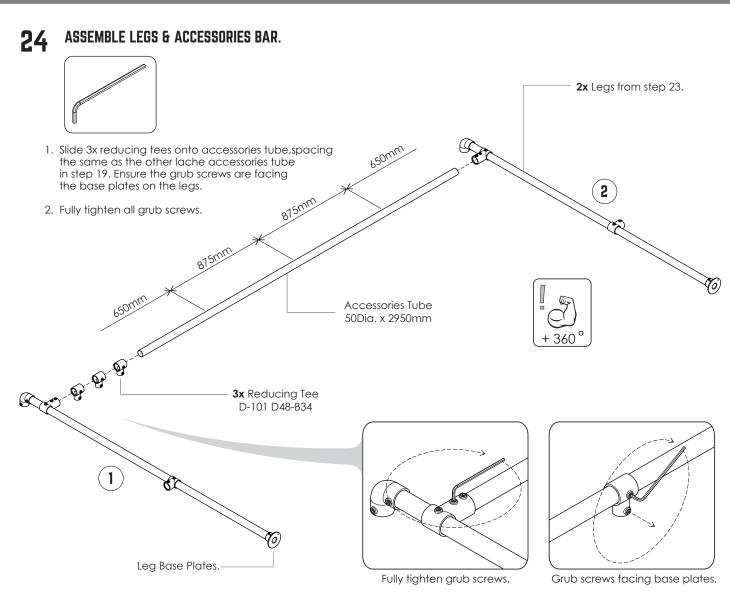


2X SWING BARS ASSEMBLED



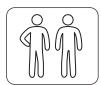




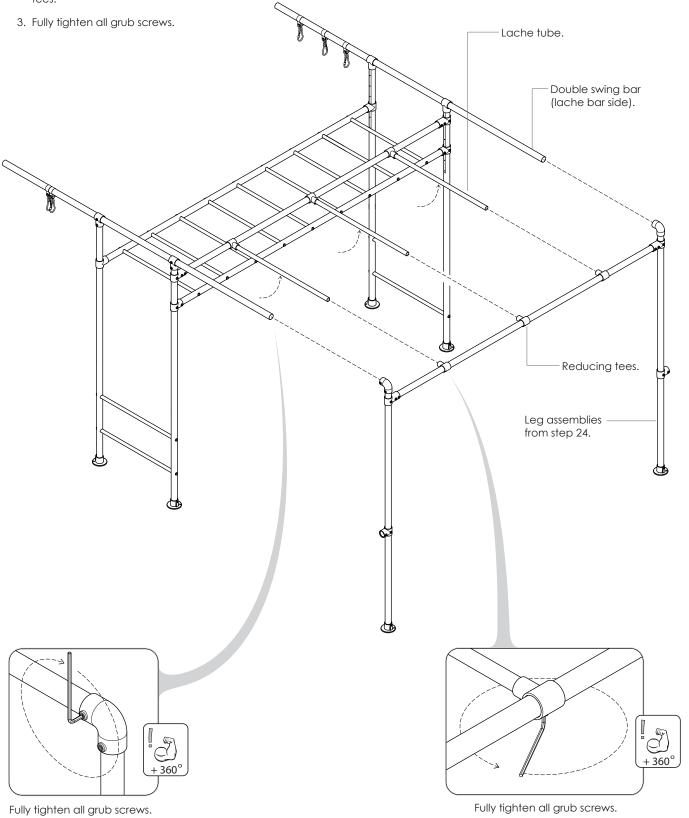


25 ATTACH SWING LEG ASSEMBLY

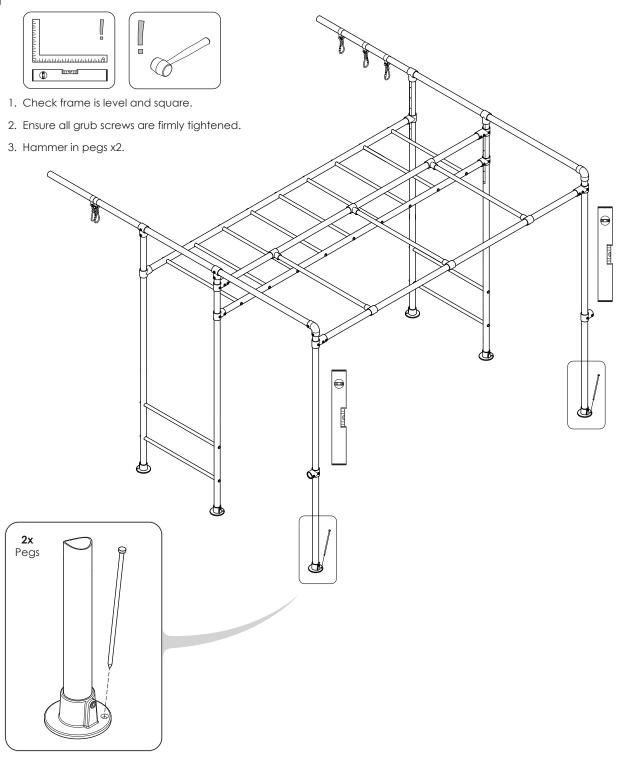




- 1. With 2 people slide leg assembly onto double swing bar ends (lache tube side).
- 2. At the same time swivel the lache tubes into position in the leg assembly reducing

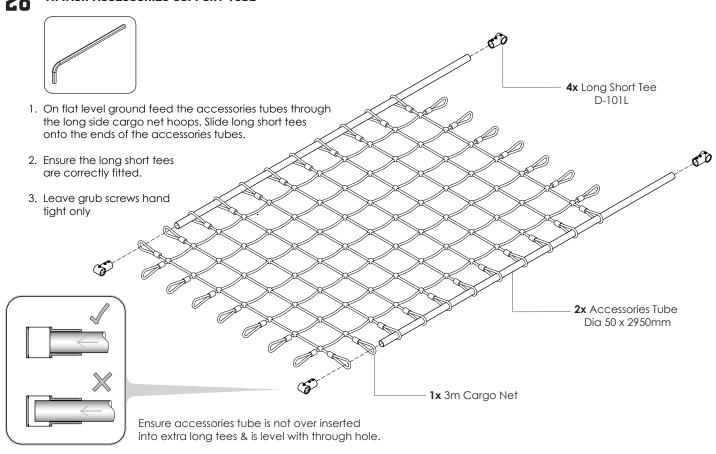


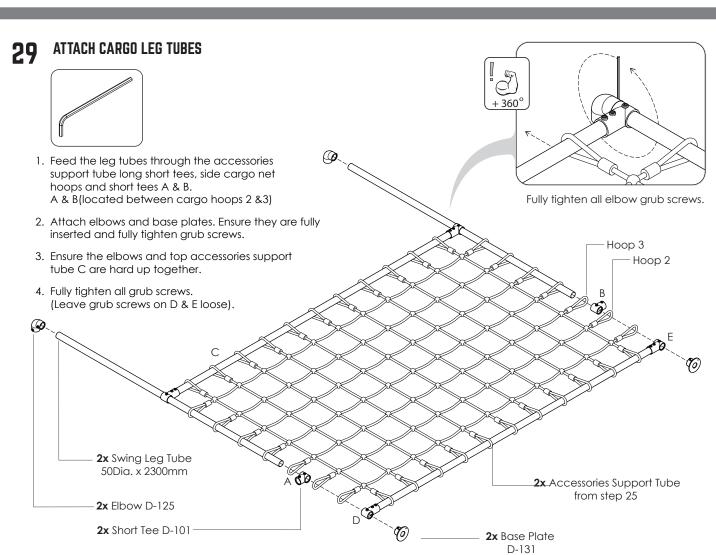
26 SECURE TO GROUND



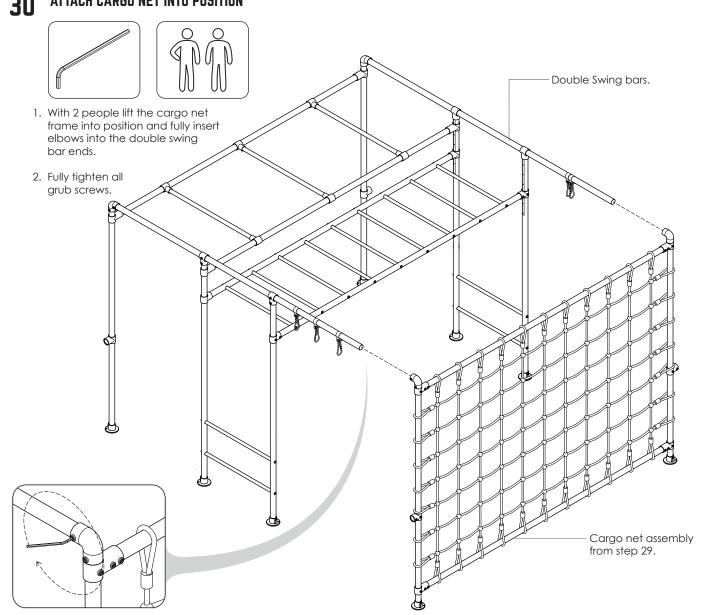
THE FOLLOWING STEPS ARE PERFORMED ON THE OTHER SIDE OF THE FRAME. FOR DRAWING CLARITY THE VIEW WILL BE ON THE OTHER SIDE FROM HERE ON FORTH.

28 ATTACH ACCESSORIES SUPPORT TUBE

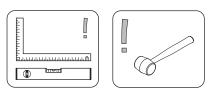




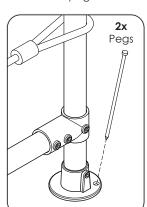
30 ATTACH CARGO NET INTO POSITION

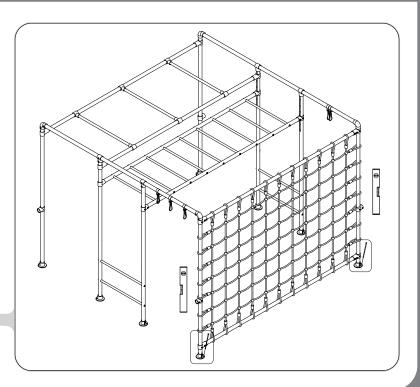


31 **SECURE TO GROUND**

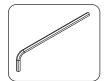


- Check level and square.
 Hammer in pegs x2.

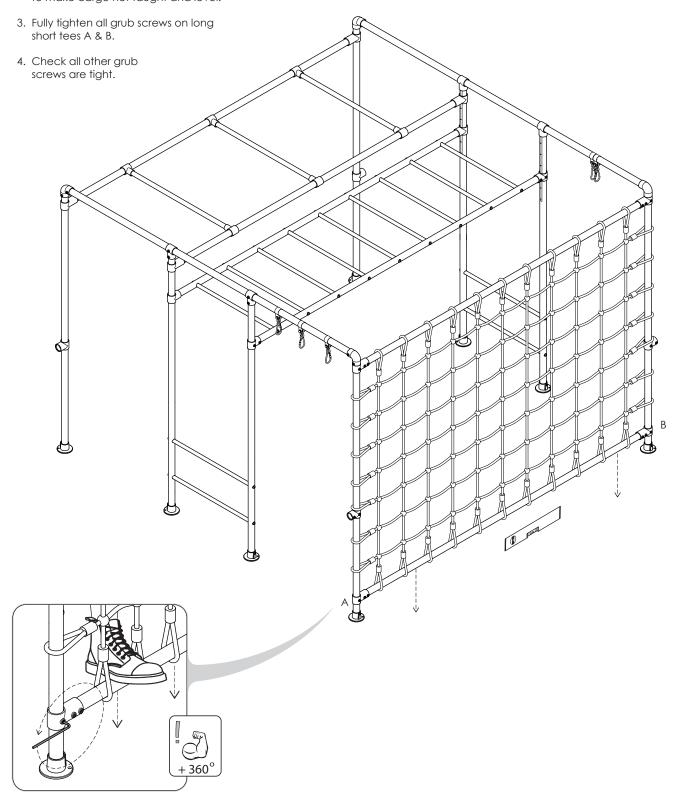




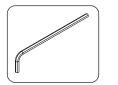
32 TIGHTEN CARGO NET



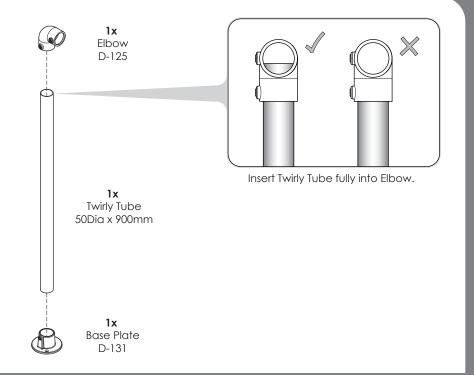
- 1. Loosen outside grub screws on long short tees A & B connecting to leg.
- 2. Get a second person to stand on lower tube to make cargo net taught and level.



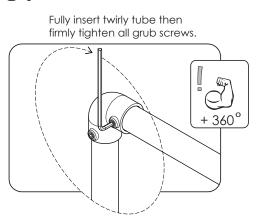
33 ASSEMBLE VERTICAL TWIRLY TUBE

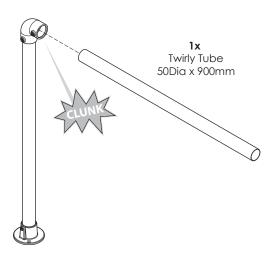


Tighten all grub screws.



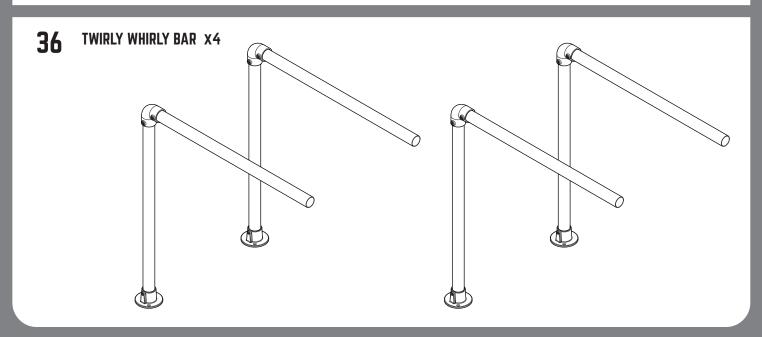
34 ATTACH HORIZONTAL TWIRLY TUBE



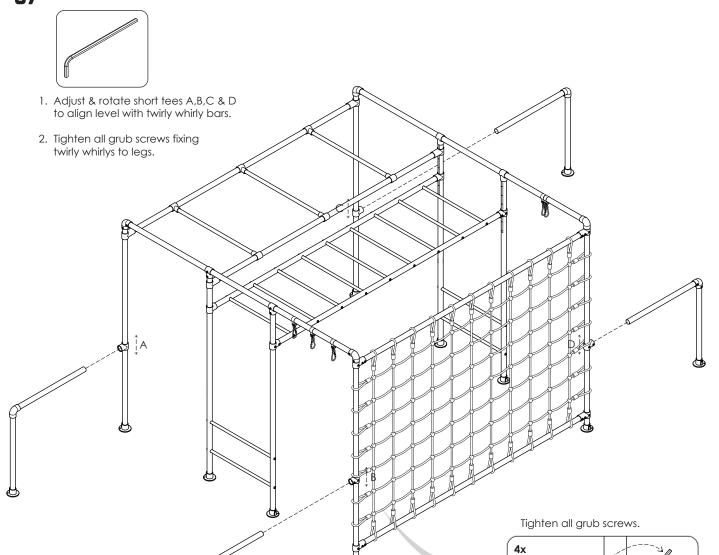




35 REPEAT STEPS 34 - 35 FOR 3 MORE TWIRLY WHIRLY BARS.



37 ATTACH TWIRLY WHIRLY BARS X4



4x Twirly whirly bars from step 36.

38 CHECK ALL FITTING GRUB SCREWS ARE FULLY TIGHTENED

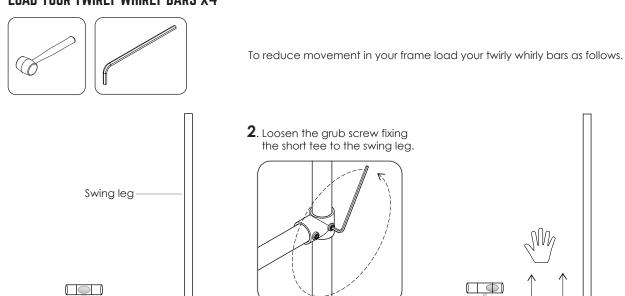


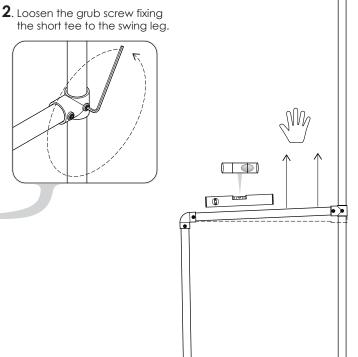




- 1. Ensure frame is square and level.
- 2. Firmly tighten all grub screws and bolts.

39 LOAD YOUR TWIRLY WHIRLY BARS X4



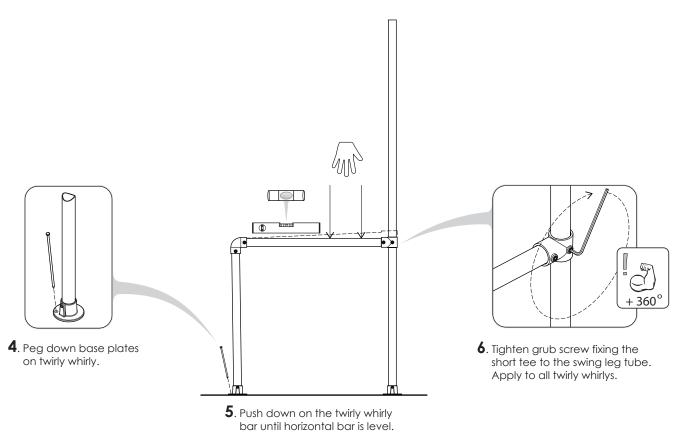


Ensure twirly whirly is level and square & swing leg is pegged down.

Twirly Whirly

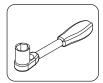
1

3. Pull upwards on the twirly whirly bar to make a slight angle. (Half a bubble off center on the level)



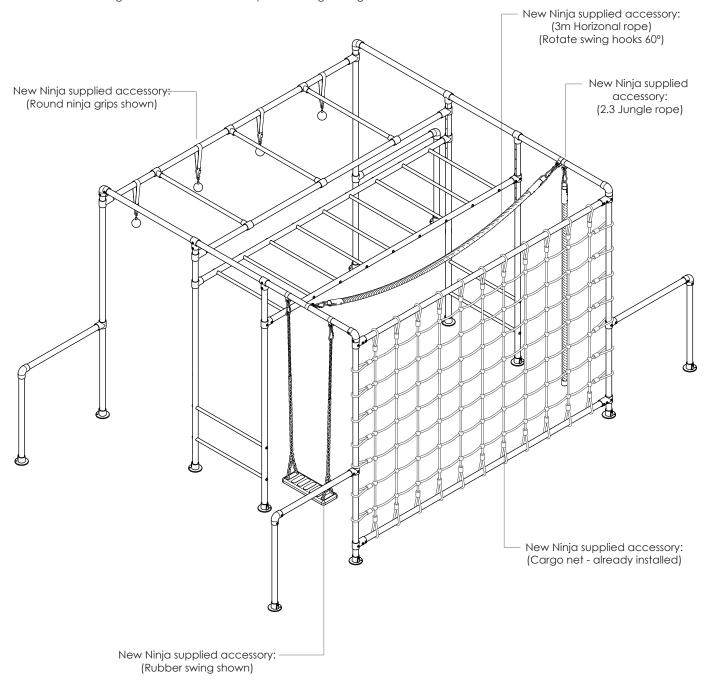
REFER TO VIDEO SECTION OF WEBSITE HTTP://WWW.FUNKYMONKEYBARS.COM/PAGES/VIDEOS

41 ATTACH ACCESSORIES (IF APPLICABLE)



Attach new accessories in desired position (if applicable) and ensure swing hook bolts are tightened with a rachet.

Rotate swing hooks 60° for horizontal rope before tightening bolts.



REFER TO SEPARATE ACCESSORIES INSTRUCTIONS IF APPLICABLE

One of the best things about Funky Monkey Bars® is the ability to add new equipment and accessories as your child and family grows. You can swap or add accessories to your existing frame, or add extra frames that will give you more versatility to attach equipment. Check out what we've got in store now at...

WWW.FUNKYMONKEYBARS.COM

41 ATTACH STICKERS TO FRAME



2x 1 Logo Sticker

── A WARNING ──					
Missimum had all your Funisy Markey for must not assessed Milling Missimum had all your Funish Markey Sering Markey Notes (Au) A moved 200kg	No. of Contract Contr				
Integration and of some forms the other bid of the distinguishment and may be define the best or pro-	Regular's those all moving parts including swangs, chains, repost on casign rest for wear such states as seeded, brown oil somewhere, before and prope are tight and source.				
Street souther Street, the socious search and institute institute and and	Incurrence horter theriton that consistence of a hord 2.2 for sense Incurrence horter product on a state action.				
Onthershold brugeried by malet staff tree.	Denote on your horizontal dark when we will not be also any				
	James attachiness to pay funds Montesplan that are not designed questionly to be used with your applyment.				

1x

Warning Label Sticker



1x

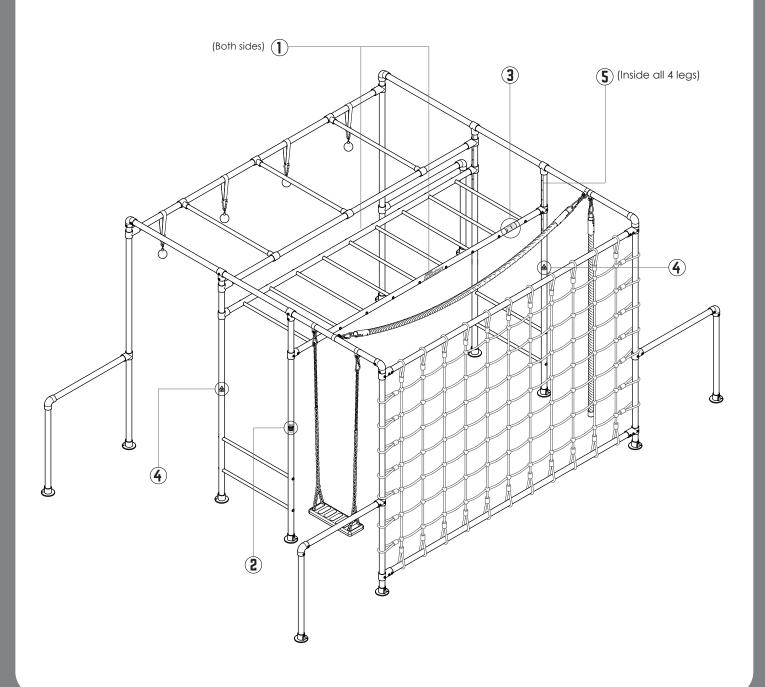
Manufacture Sticker



2x
Australia Made Sticker



4x (5) Height Marker Sticker



46

FINAL CHECKS







- Ensure frame is square and level.
 Firmly tighten all grub screws and bolts.
 All base plates are pegged down.

MAINTENANCE.





At the beginning of each heavy play session (especially a party) and twice a month during play season ensure;

- 1. Tighten all hardware grub screws, nuts and bolts.
- 2. Pegs are in place and fully secure.
- 3. Lubricate all metallic moving parts with WD40 or Vasaline (trolley and swing hooks.)
- 4. Ensure your frame is level and square.

FAILURE TO DO SO COULD RESULT IN SERIOUS INJURY OR DEATH.

FOR MORE INFORMATION AND ASSEMBLY TIPS
PLEASE REFER TO OUR WEBSITE VIDEO INSTRUCTION SECTION AT
HTTP://WWW.FUNKYMONKEYBARS.COM/PAGES/VIDEOS

48 HAVE FUN









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