

THE COMBAT 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®.

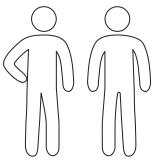
SAFETY NOTICE

- 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.

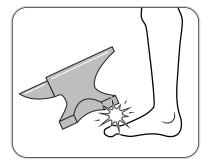
ASSEMBLY

- 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 2-4 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

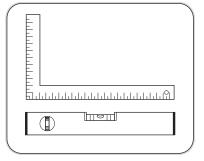
Please refer to the video section on the Funky Monkey Bars® website for more handy tips and assembly instructions at http://www.funkymonkeybars.com/pages/videos







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 squeek 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 Combat Ninja certified the frame to a load rating of 1920kgs or 32 users.

LOAD TESTING CERTIFICATION					
DATE OF TEST	MODEL	NUMBER OF USERS	USER LOAD (KG)	LOAD RATING (KG)	
27 May 2019	Combat Ninja	32	60	1920	

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:

DATE: 27 May 2019

Maximum of 4 users on Combat Ladder. Maximum of 3 users on Accessories Bar.

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

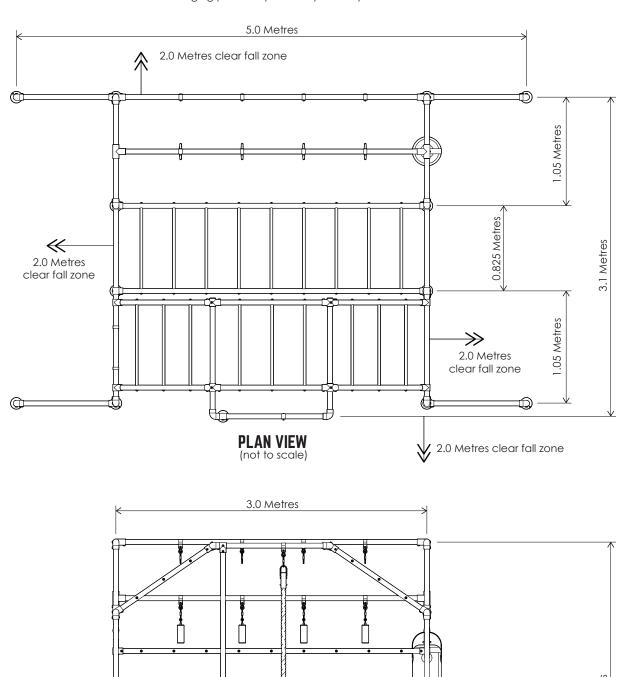
De Dars

DATE: 27 May 2019

APPROVED

FUNKY MONKEY BARS® COMBAT NINJA OVERALL DIMENSIONS

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



SIDE VIEW

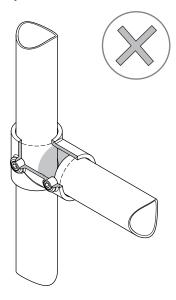
5.0 Metres

(not to scale)

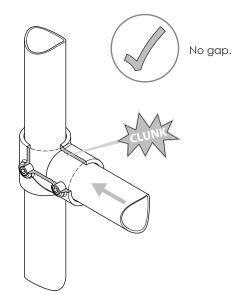
0.95 Metres

CORRECT INSERTION INTO FITTINGS - (INDICATIVE DIAGRAM SHOWN)

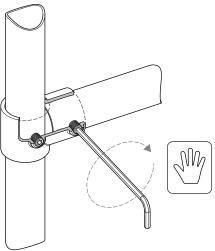
All tubes must be fully inserted until contact is made with adjoining tube.



Gap.

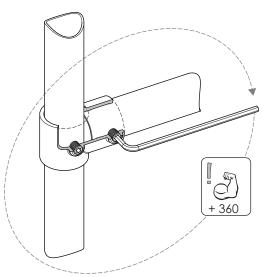


CORRECT TIGHTENING METHOD OF GRUB SCREWS - (INDICATIVE DIAGRAM SHOWN)



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

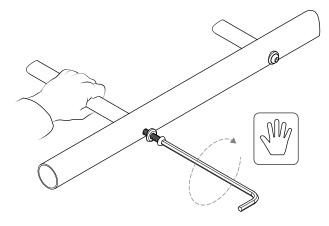




2. Using other end of the allen key do one full 360 degree turn as a minimum, use muscles!

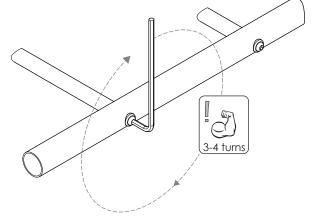


CORRECT TIGHTENING METHOD OF RUNG BOLTS - (INDICATIVE DIAGRAM SHOWN)



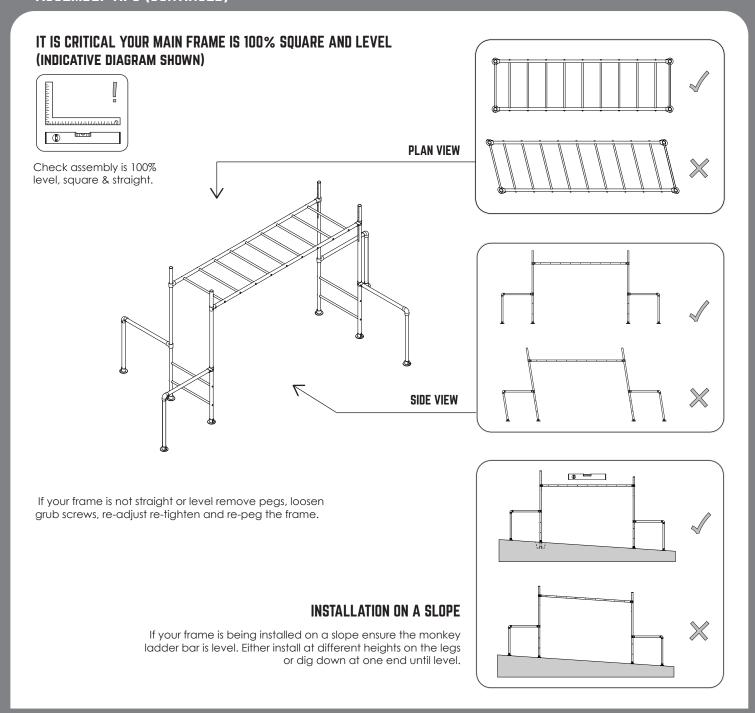
 With long end of allen key, hand tighten bolt hard up against washer and outside of tube. Hold rung to avoid rotation.

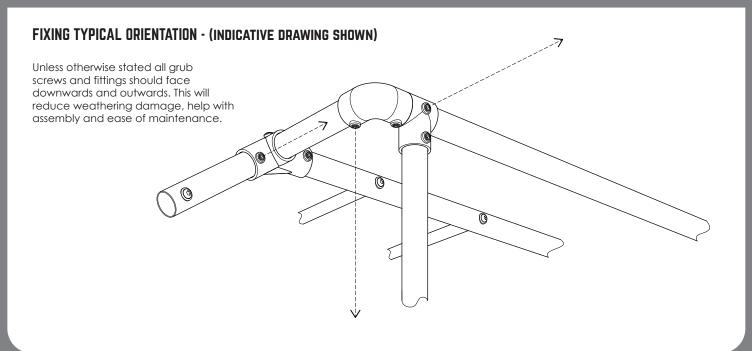




2. Using short end of the allen key fully tighten, approximately 3-4 full turns .

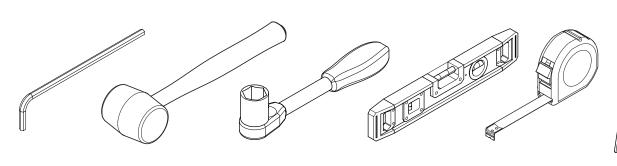






INVENTORY







1x Soft Hammer (Not included) 1x 17mm Rachet (Not included) 1x Spirit Level (Not included) 1x Tape Measure (Not included) **2x** 3m Step Ladder (Not included)

TUBES

4x 50Dia. x 2300mm Swing Leg Tube 0

33Dia. x 1040mm 1x

1x Step Tube

22x

Rung Tube

5x 5 Accessories Tube 0

50Dia. x 2950mm

50Dia. x 900mm

8x Twirly Tube

6x 50 Half Ladder tube

50Dia. x 1085mm

50Dia. x 1085mm

25Dia. x 850mm

3x Top Support Tube

4x Leg Tube 50Dia. x 2300mm

50Dia. x 1040mm

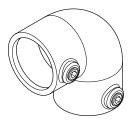
2x Cargo Tube

2x Ladder Tube 50Dia. x 2950mm

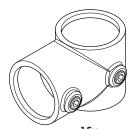
50Dia. x 600mm

4x Extender Tube

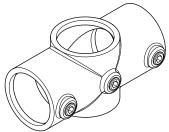
FITTINGS



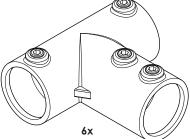
12x Elbow D-125



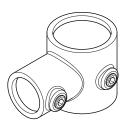
15x Short Tee D-101



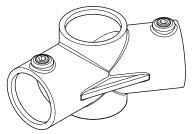
2x Straight Through D-119



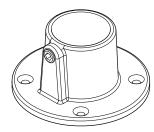
Long Tee D-104L



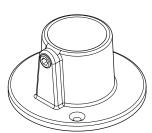
2x Reducing Tee D-101 D48-B34



4x 145° 3 Way D-120



1x 4 Hole Base Plate D-131

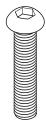


12x Base Plate D-131

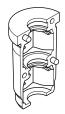


INVENTORY (CONTINUED)





45x M10 Bolt



90x Rung Insert



45x Washer



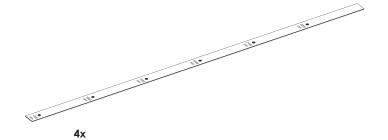
90x M10 Hex Nut



Plastic End Cap

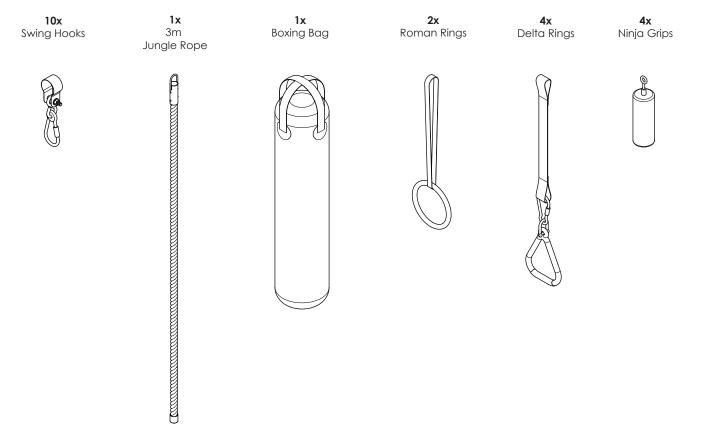


1x Manufacture Sticker



Height Sticker

COMPONENTS (ACCESSORIES)

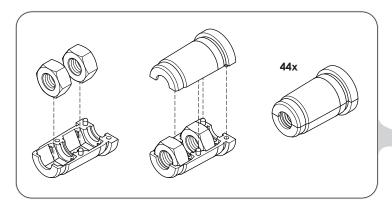


One of the best things about a Funky Monkey Bar is the ability to add new equipment and accessories as your child and family grows. You can swap or add accessories to your existing frame, or add extra frames that will give you more versatility to attach equipment. Check out what we've got in store now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

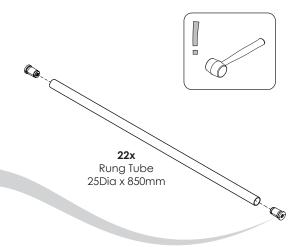
WWW.FUNKYMONKEYBARS.COM

ASSEMBLY INSTRUCTIONS - LADDER BAR ASSEMBLY

RUNG ASSEMBLY (x22)

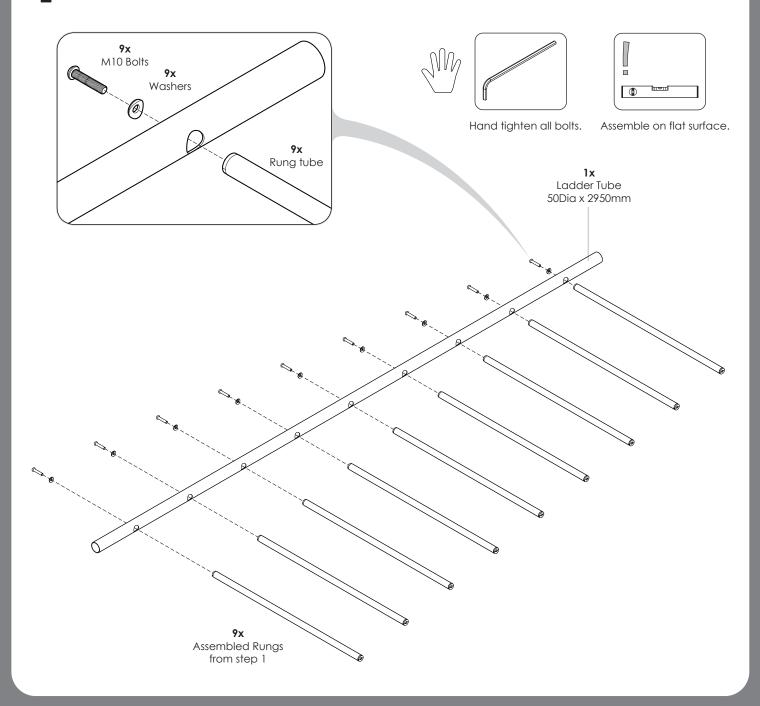


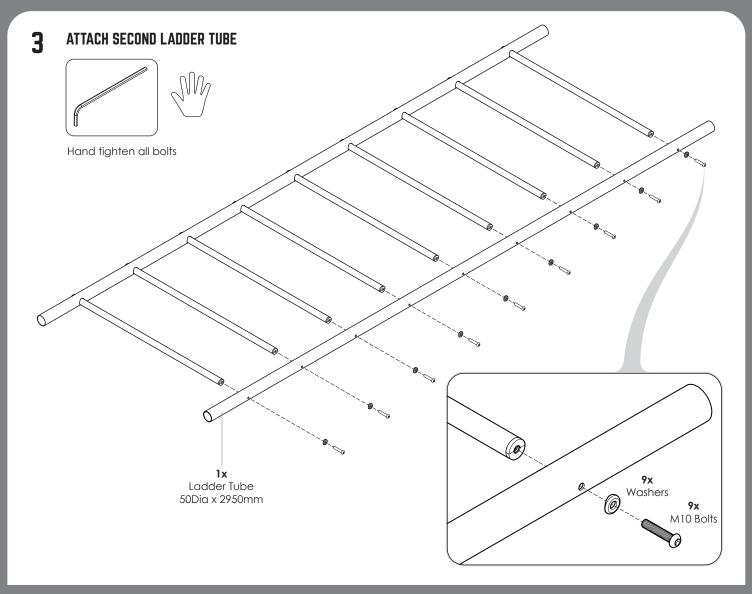
1. Assemble plastic rung inserts as shown above.

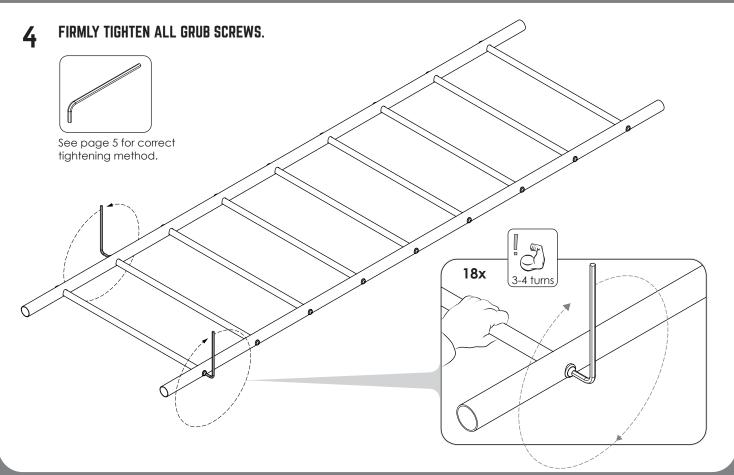


2. Push inserts into both ends of all rungs.

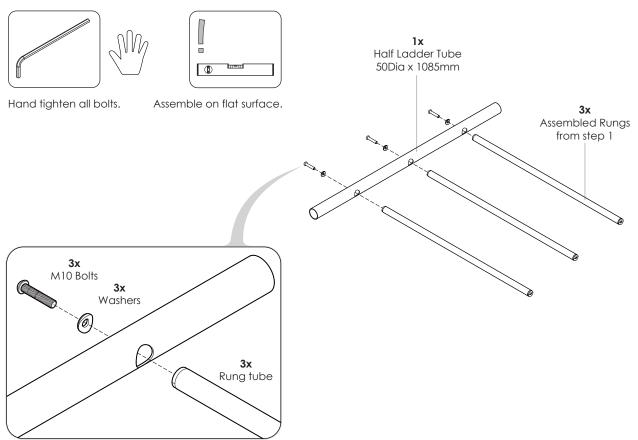
9 MONKEY BAR LADDER ASSEMBLY



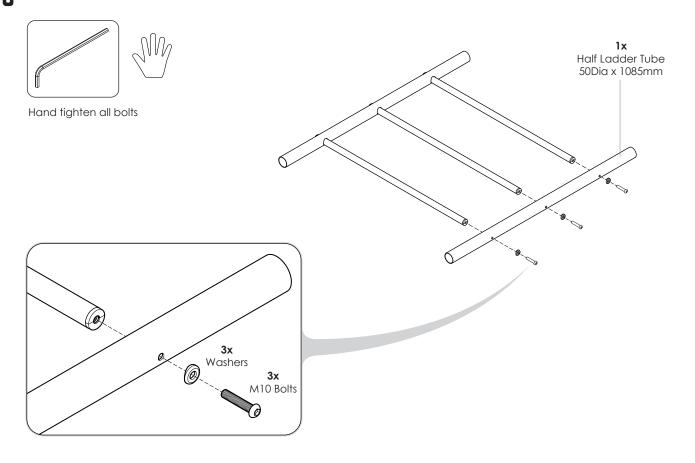




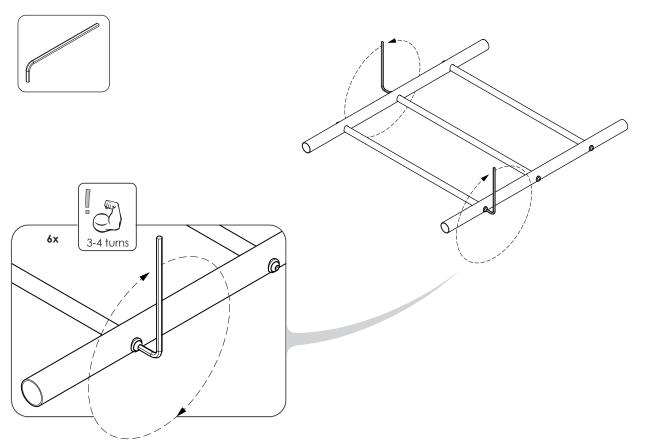
5 COMBAT LADDER (X3)



A ATTACH SECOND HALF LADDER TUBE

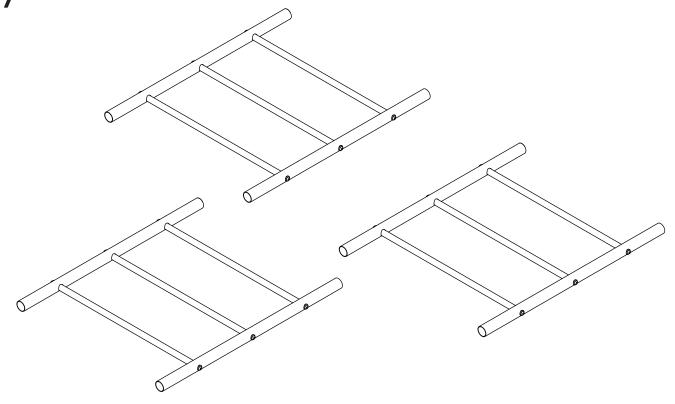


7 FIRMLY TIGHTEN ALL GRUB SCREWS.

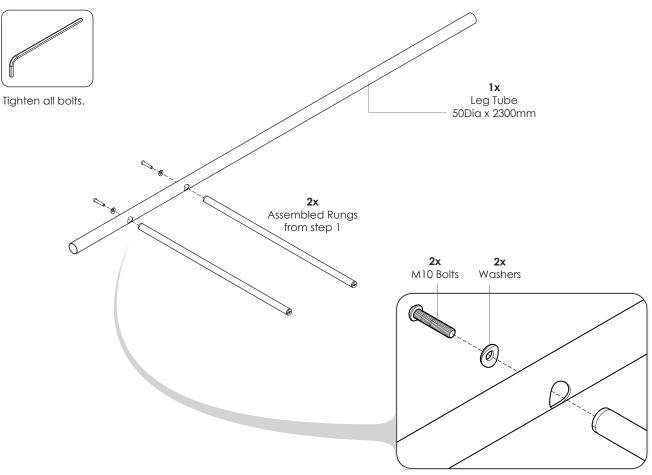


REPEAT STEPS 5 - 7 FOR 2 MORE COMBAT LADDERS.

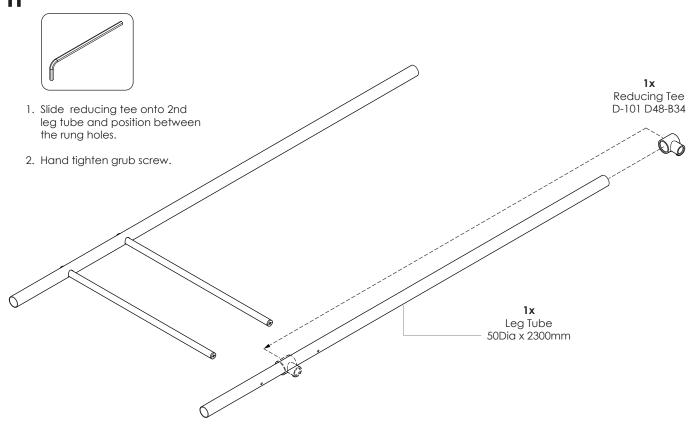
COMBAT LADDER x3.



10 INSERT RUNGS INTO LEG



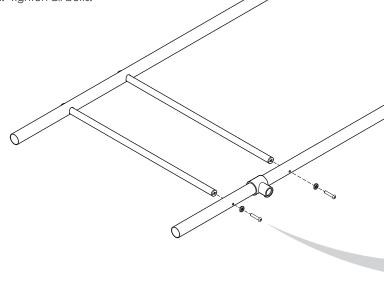
11 SLIDE ON REDUCING TEE

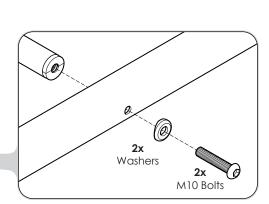


12 ATTACH SECOND LEG



- Slide on reducing tee and position between the rungs.
- 2. Tighten all bolts.

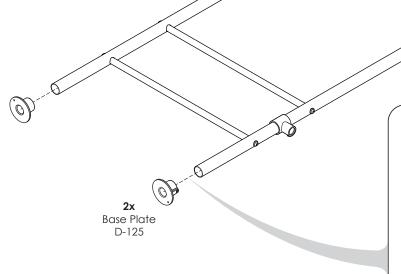


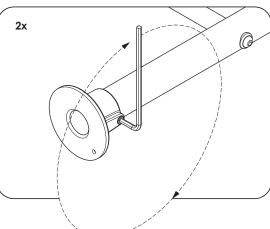


13 ATTACH BASE PLATES

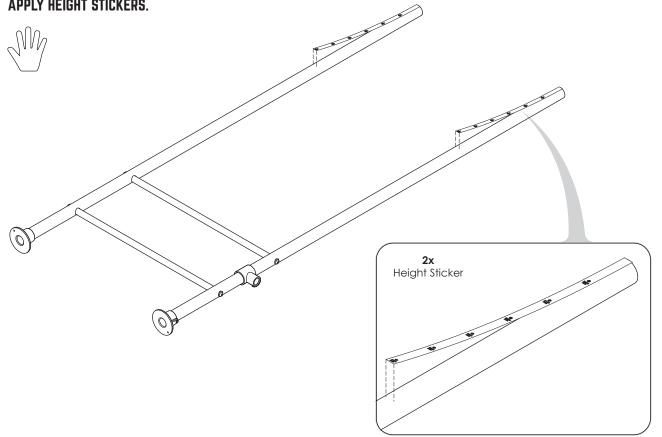


Tighten all grub screws.

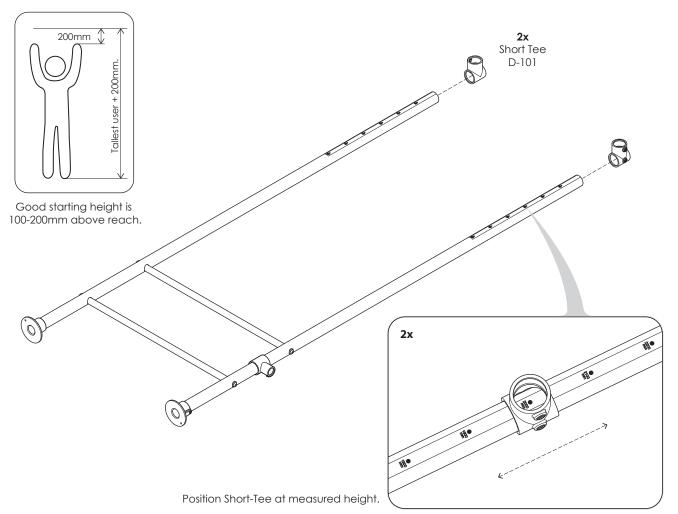


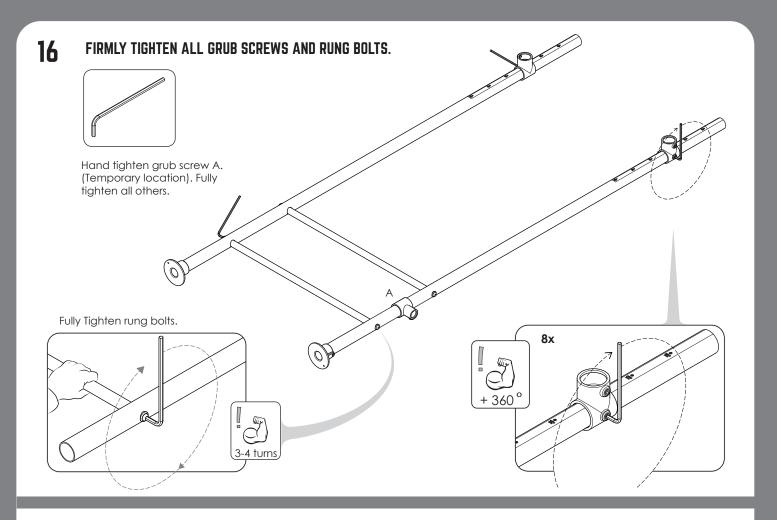


APPLY HEIGHT STICKERS. 14

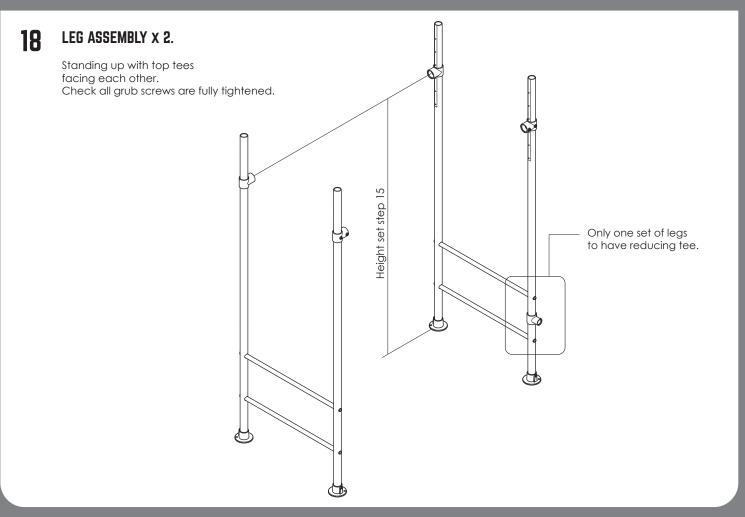


15 SET LADDER BAR HEIGHT.





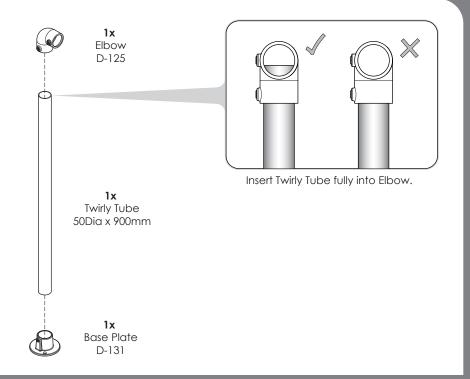
17 REPEAT STEPS 10 - 16 FOR SECOND PAIR OF LEGS. SAME PROCEDURE BUT WITHOUT REDUCING TEE.



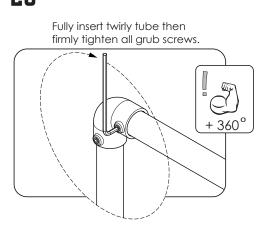
19 ASSEMBLE VERTICAL TWIRLY TUBE

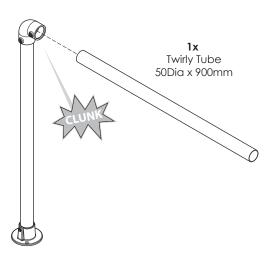


Tighten all grub screws.



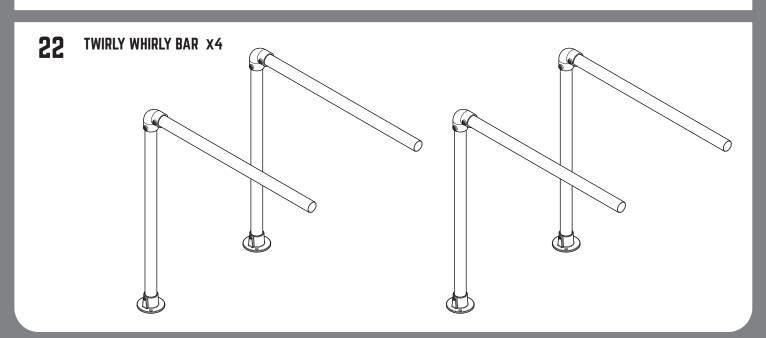
20 ATTACH HORIZONTAL TWIRLY TUBE





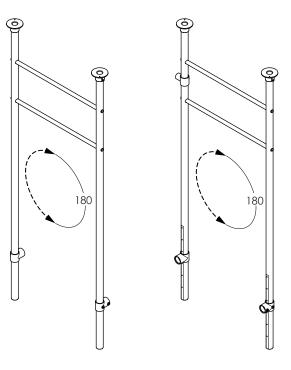


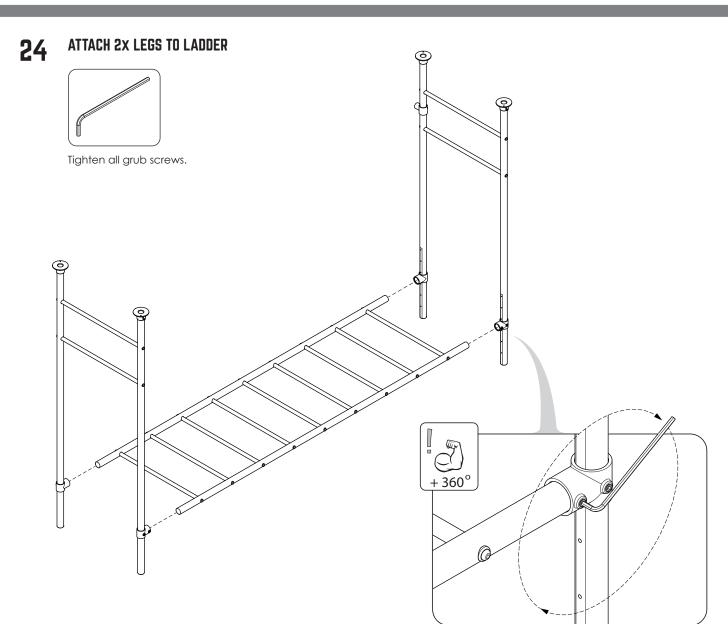
21 REPEAT STEPS 19 - 20 FOR 3 MORE TWIRLY WHIRLY BARS.



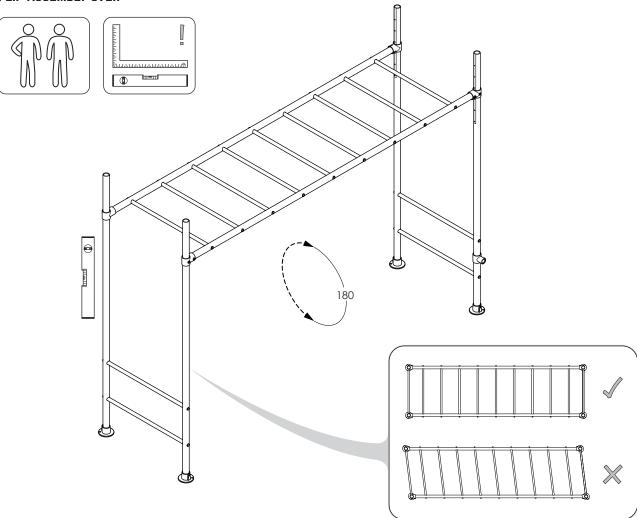
23 FLIP LEGS OVER





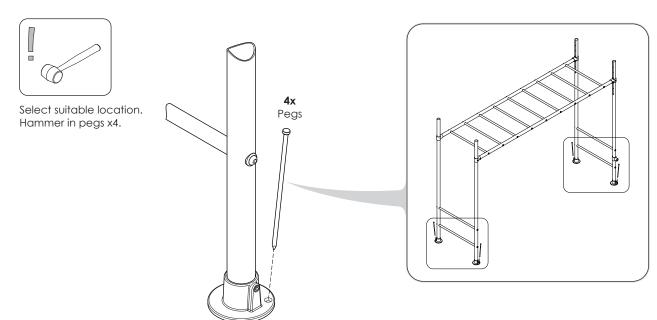


25 FLIP ASSEMBLY OVER

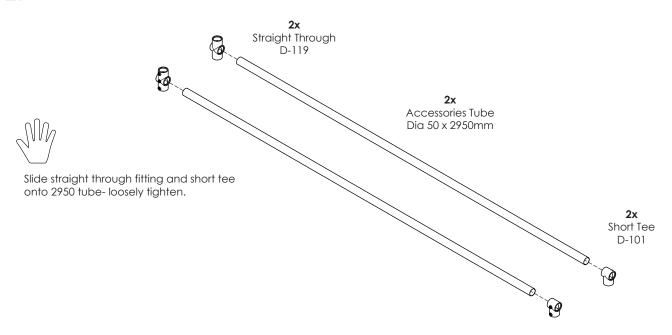


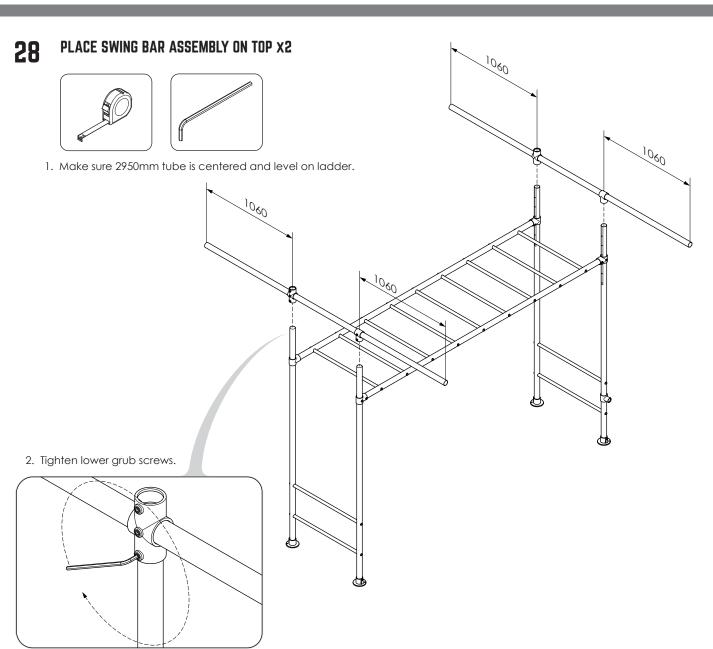
CRITICAL: ENSURE YOUR FRAME IS 100% SQUARE AND LEVEL (AS PER PAGE 6)
BEFORE MOVING ONTO THE REST OF THE ASSEMBLY

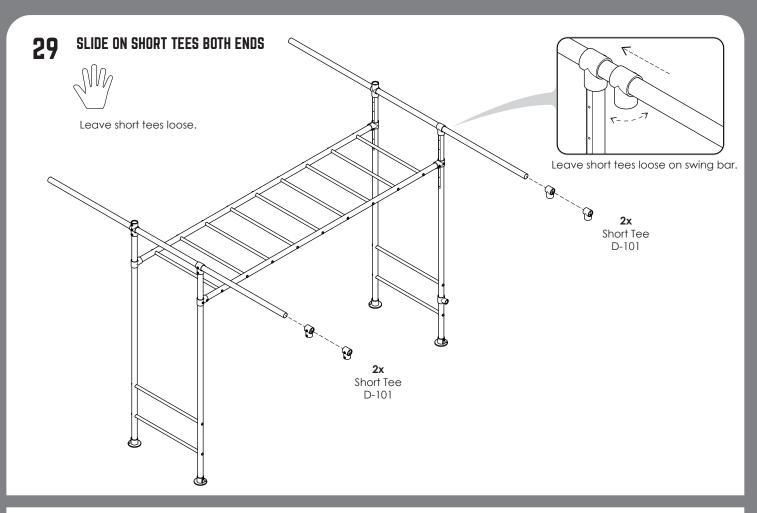
26 SECURE TO GROUND

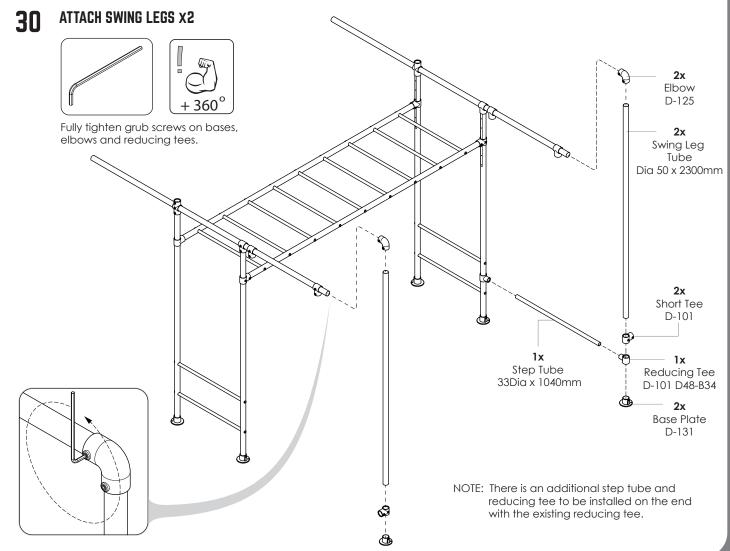


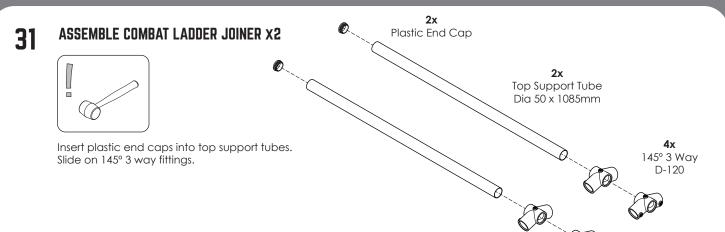
27 ASSEMBLE SWING BARS X2





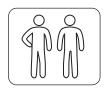




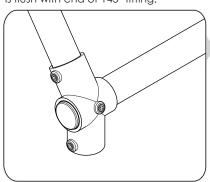


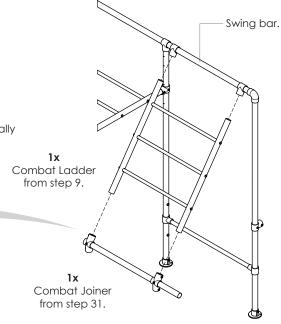
32 ATTACH FIRST COMBAT LADDER & JOINER





- Attach combat ladder to short tees on one swing bar end (step end shown). Position centrally
- 2. Ensure plastic end cap in top support tube is flush with end of 145° fitting.

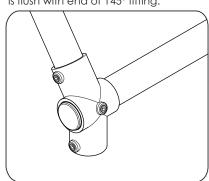


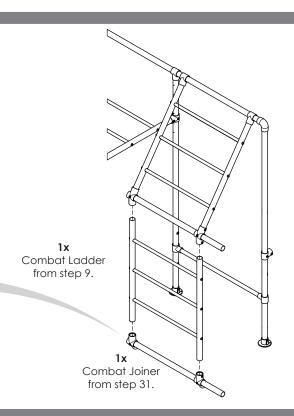


33 ATTACH SECOND COMBAT LADDER & JOINER



- 1. Attach second combat ladder to 145° joiner then attach second joiner.
- 2. Ensure plastic end cap in top support tube is flush with end of 145° fitting.

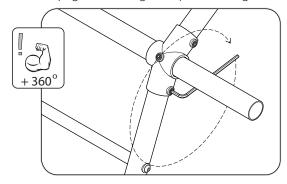


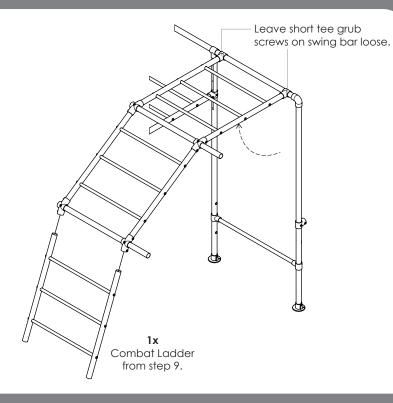


34 ATTACH THIRD COMBAT LADDER



- 1. Attach final combat ladder to 145° fitting.
- 2. Fully tighten all fixings except onto swing bar.

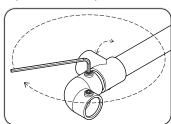


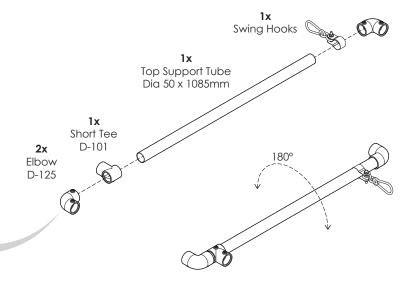


35 ASSEMBLE SUPPORT SECTION



- Tighten grub screws on elbows. Leave short tee and swing hook loose on support tube.
- 2. Flip over assembly for installation

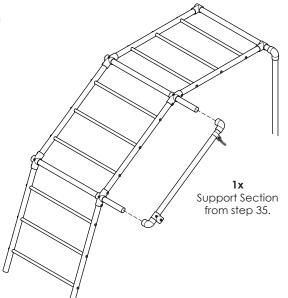




36 ATTACH SUPPORT SECTION TO COMBAT LADDER



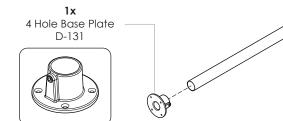
Tighten all elbow grub screws.







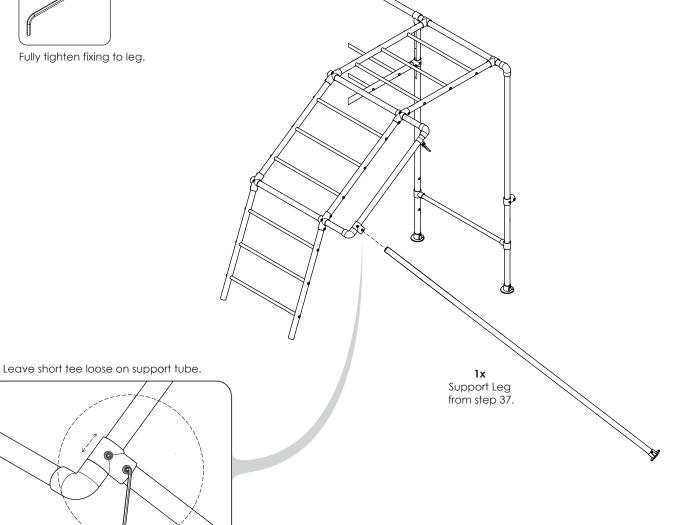
1. Tighten grub screw on 4 hole base plate.



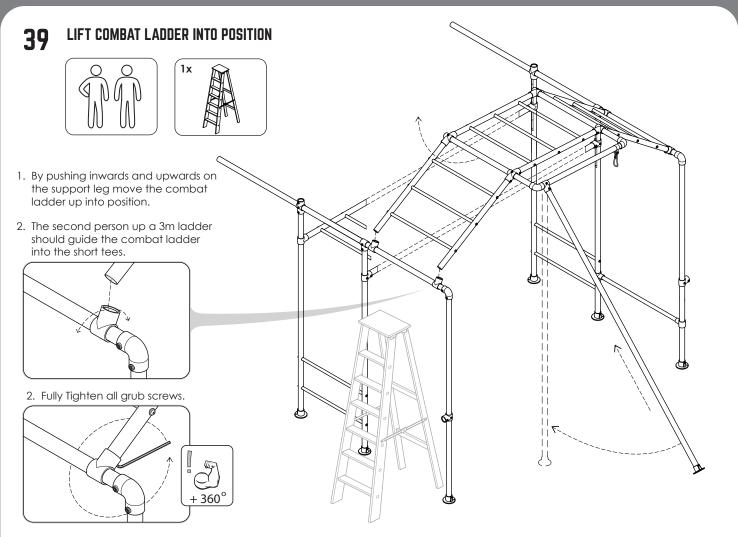
38 ATTACH SUPPORT LEG TO COMBAT LADDER

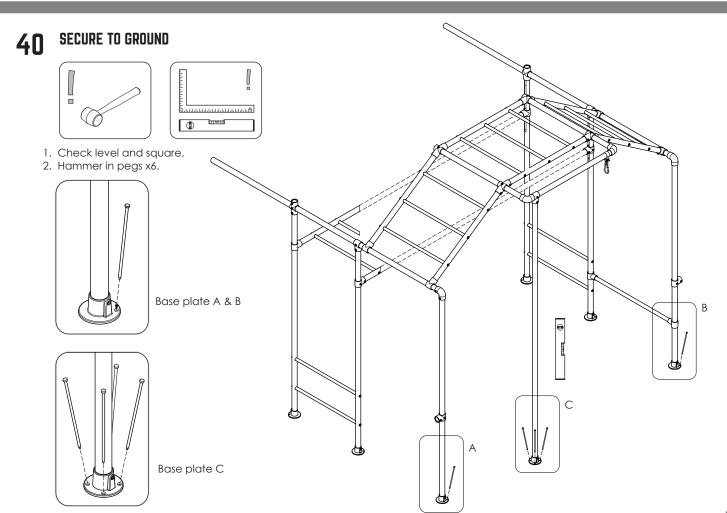


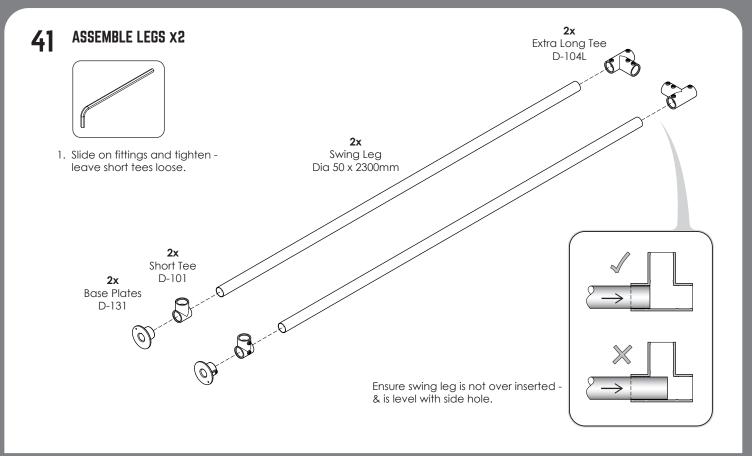
Fully tighten fixing to leg.

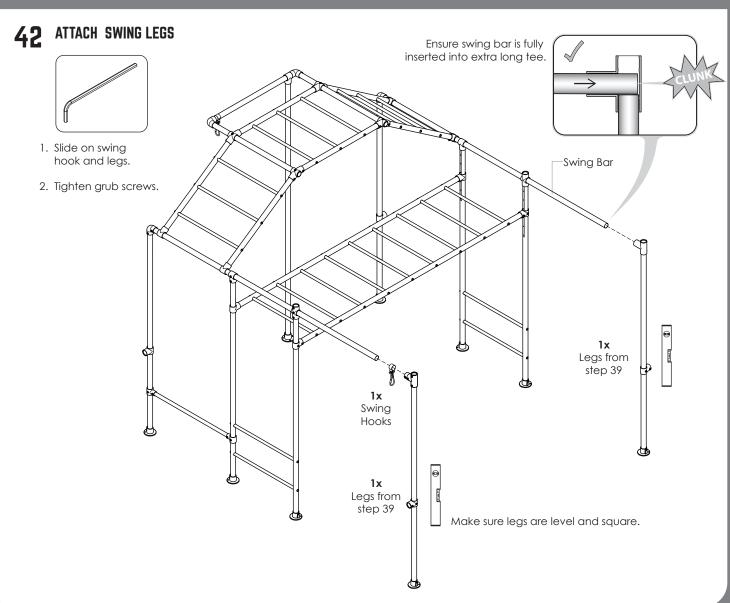


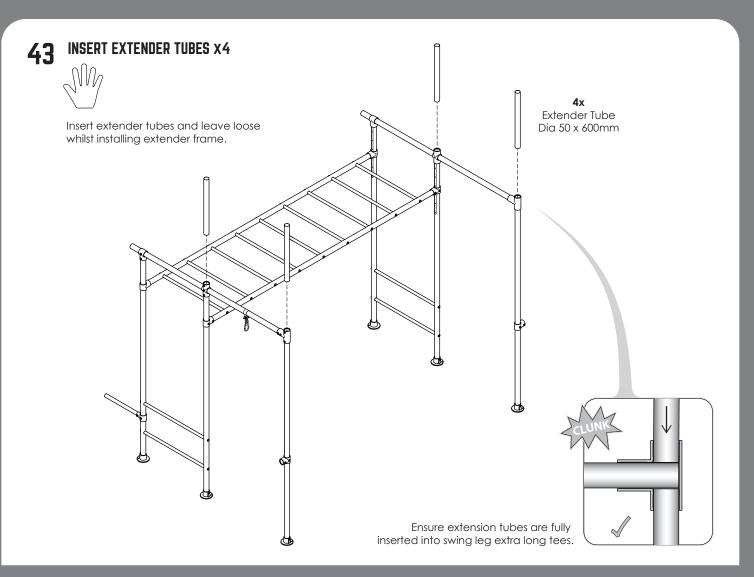
Accessories Tube Dia 50 x 2950mm

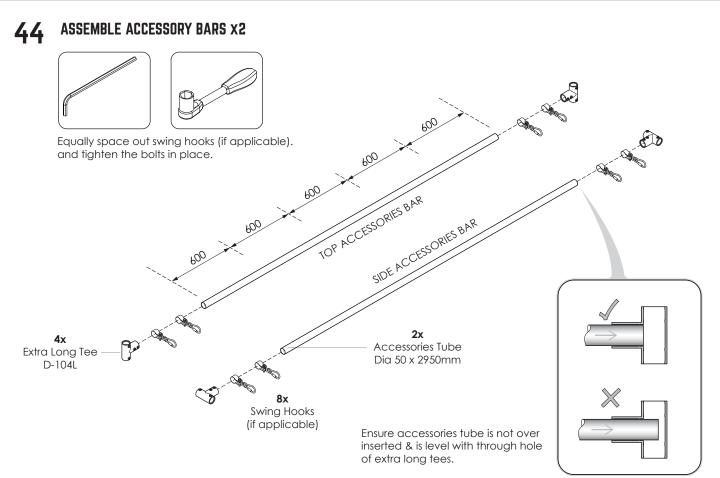






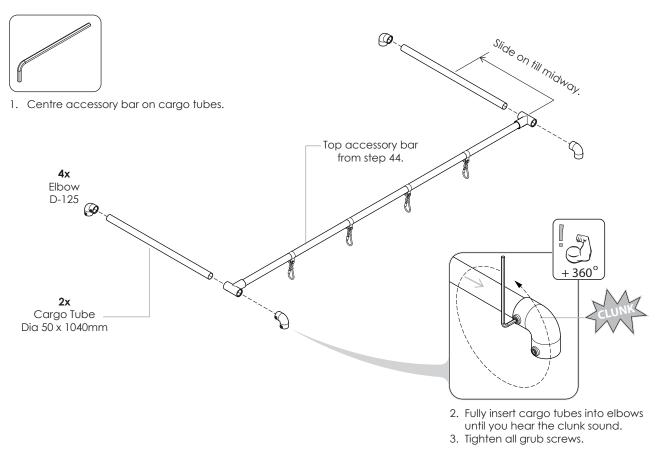


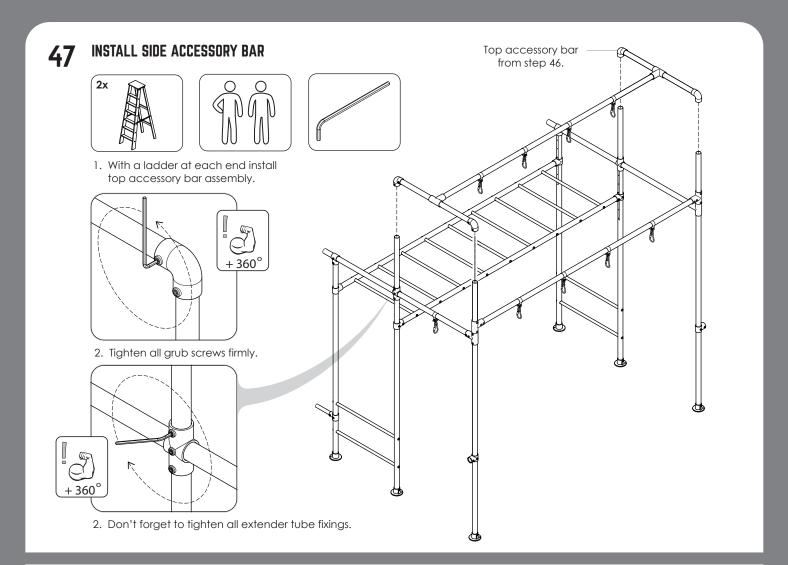


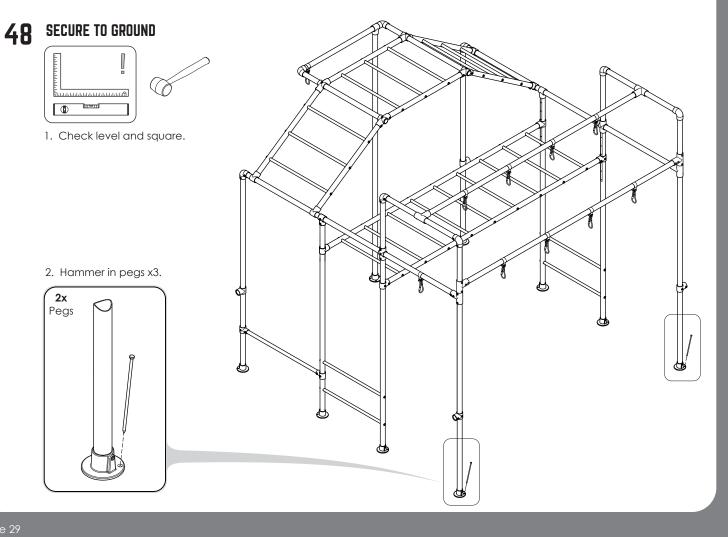


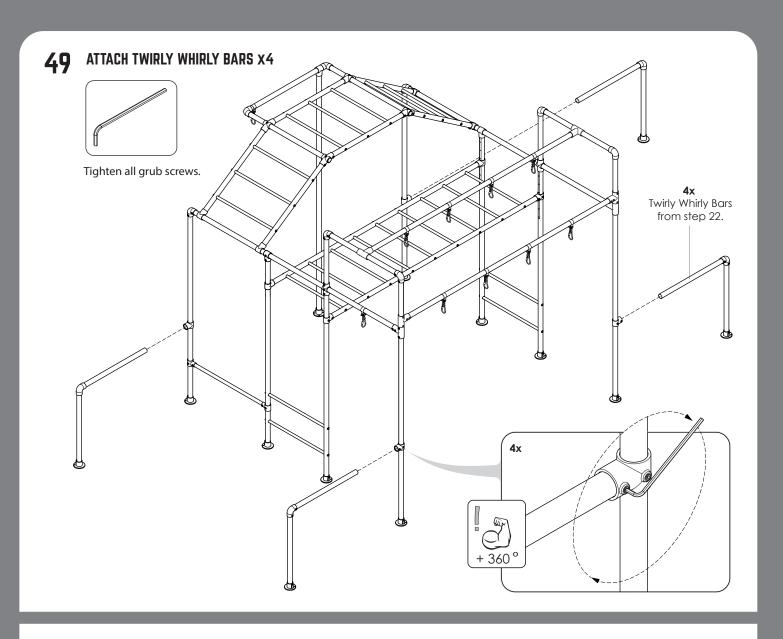
With a ladder at each end slide on side accessory bar and tighten grub screws at desired height. Ensure bar is level.

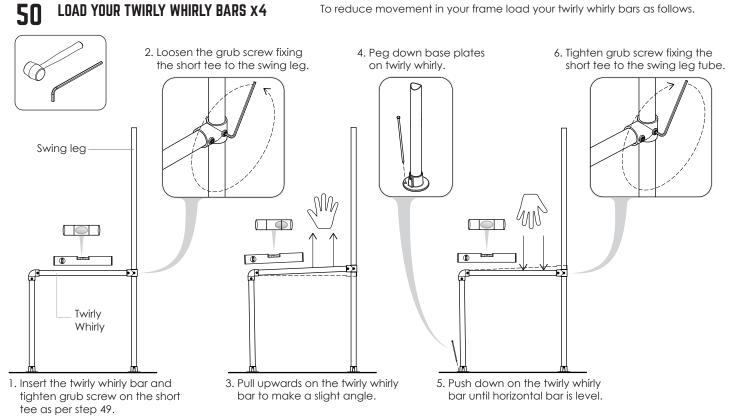
46 ASSEMBLE TOP ACCESSORY BAR









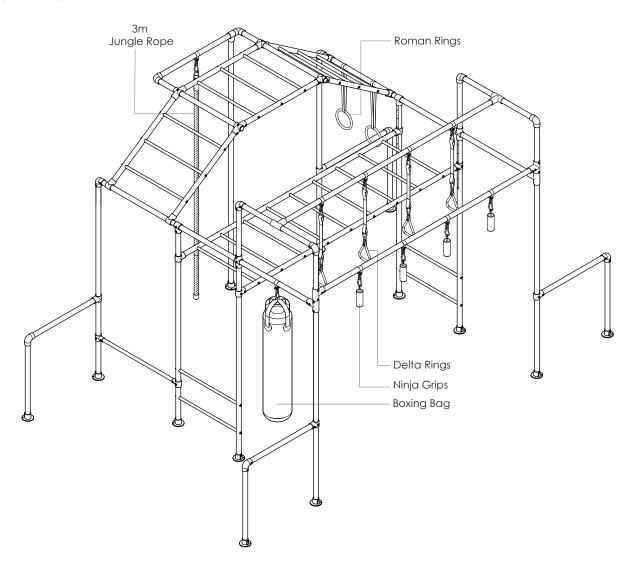


REFER TO VIDEO SECTION OF WEBSITE HTTP://WWW.FUNKYMONKEYBARS.COM/PAGES/VIDEOS

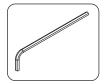
51 ATTACH ACCESSORIES



Attach accesories in desired position and tighten swing hook bolts with rachet.



52 FINAL CHECKS





Firmly tighten all grub screws.



Apply your manufacturing sticker to a leg tube.

53 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 (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

54 HAVE FUN









ABN 72 164 496 520 1300 912 198

> info@funkymonkeybars.com www. funkymonkeybars. com

9 Cutting Way, **Yangebup** WA 6164





