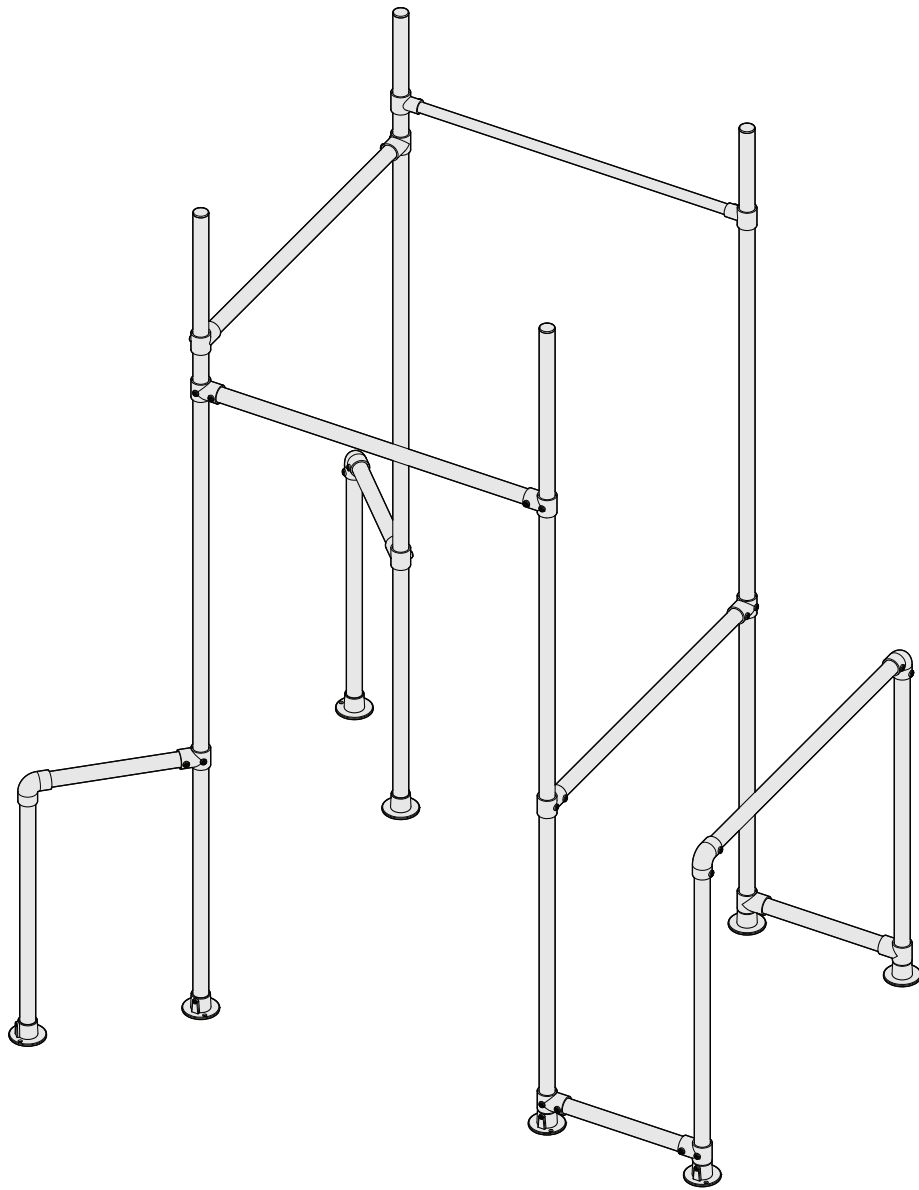


FUNKY Monkey bars[®]



THE SILVERBACK 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®.

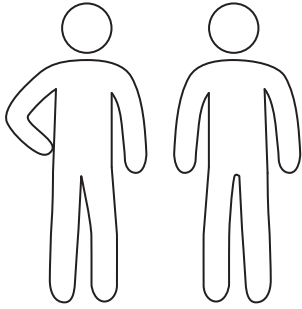
SAFETY NOTICE

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.

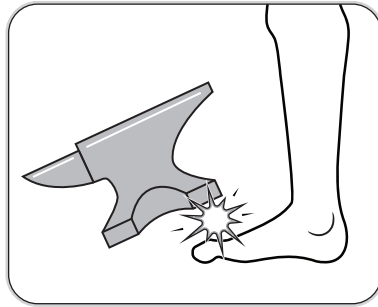
ASSEMBLY

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 2-3 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

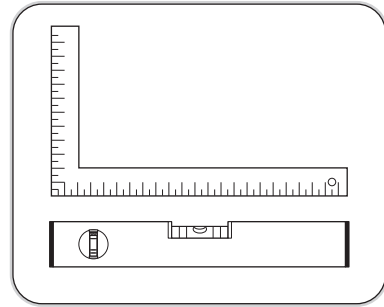
Please refer to the video section on the Funky Monkey Bars® website for more handy tips and assembly instructions at <http://www.funkymonkeybars.com/pages/videos>



Assembly requires 2 adults.



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, shackles, 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.

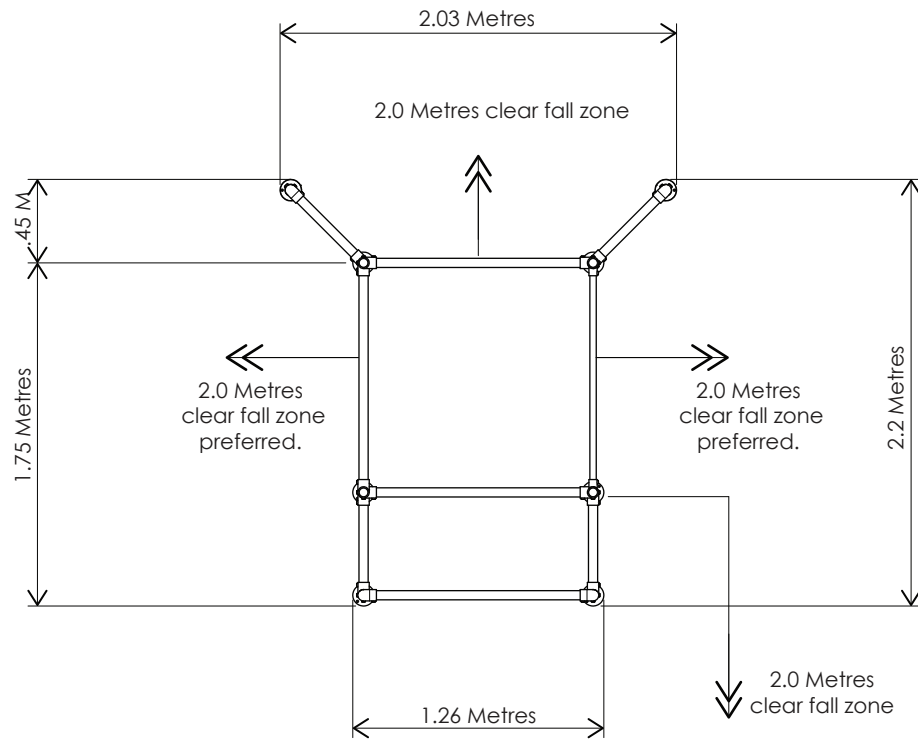
The independent testing conducted on The Silverback certified the frame to a load rating of 700kgs or 12 users.

LOAD TESTING CERTIFICATION				
DATE OF TEST	MODEL	NUMBER OF USERS	USER LOAD (KG)	LOAD RATING (KG)
July 2020	The Silverback	12	60	700
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 ^o except where noted below;				
COMMENTS: N/A				
APPROVED BY: Funky Monkey Bars®			WITNESSED BY: Independent Engineer	
				
DATE : July 2020			DATE : July 2020	

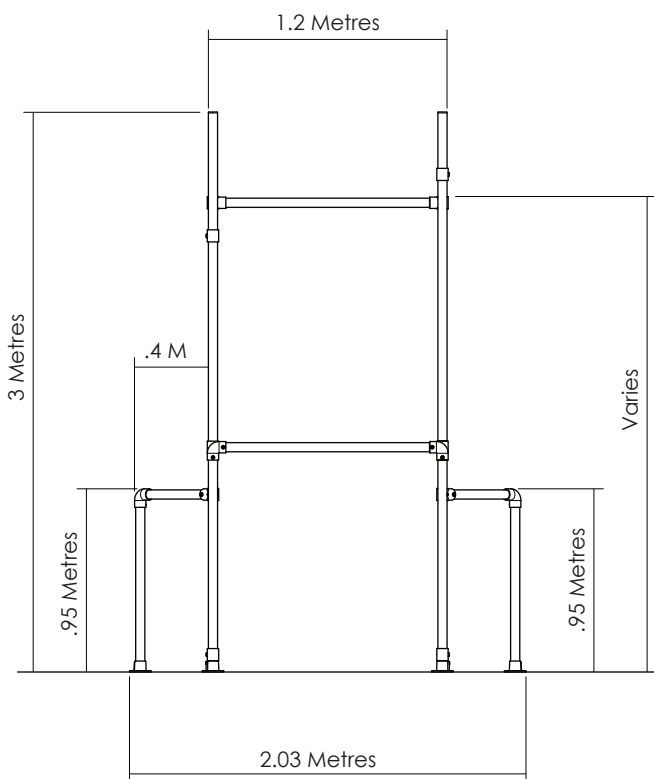
DIMENSIONS

FUNKY MONKEY BARS® THE SILVERBACK OVERALL DIMENSIONS

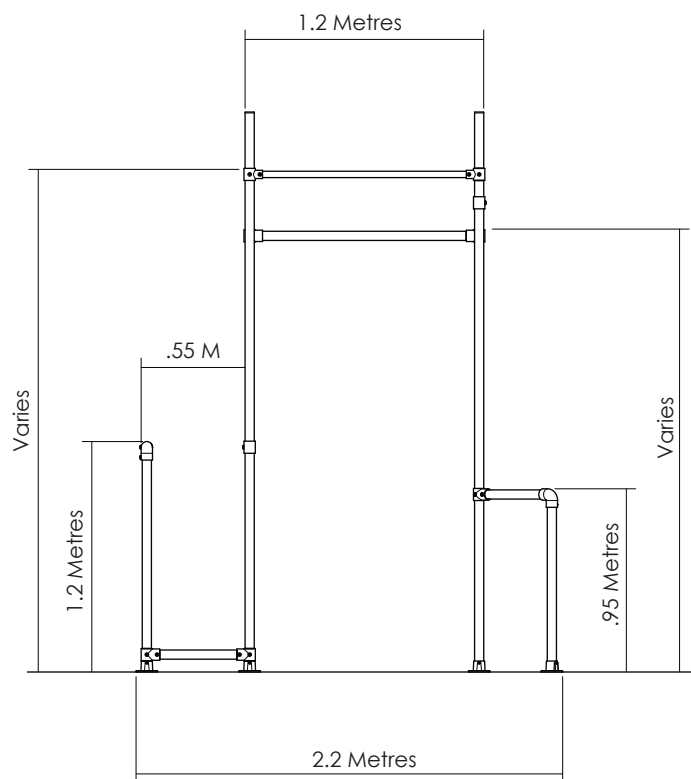
A minimum of 2.0 Metres clear fall zone is recommended around the elevated hanging points of your Funky Monkey Bars®.



PLAN VIEW
(not to scale)



SIDE VIEW
(not to scale)

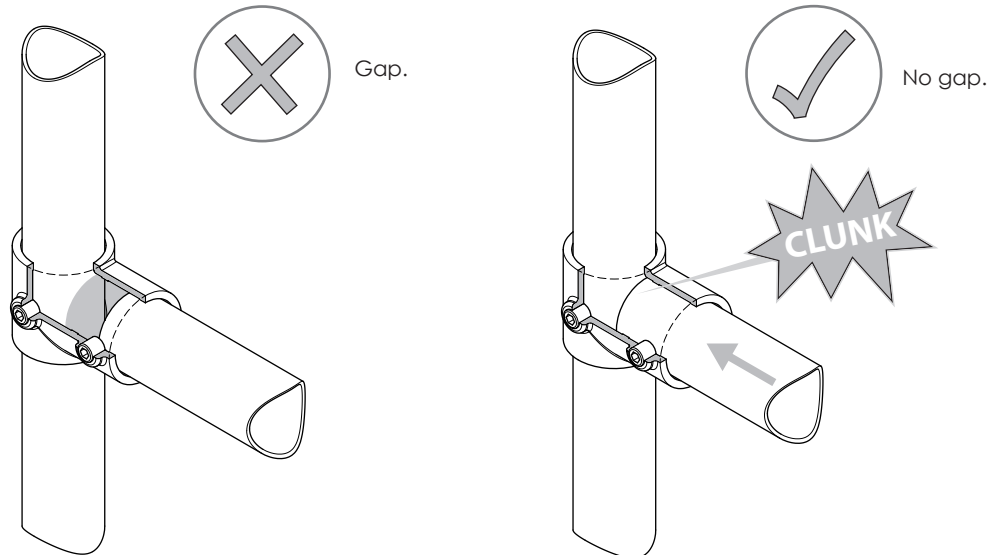


FRONT VIEW
(not to scale)

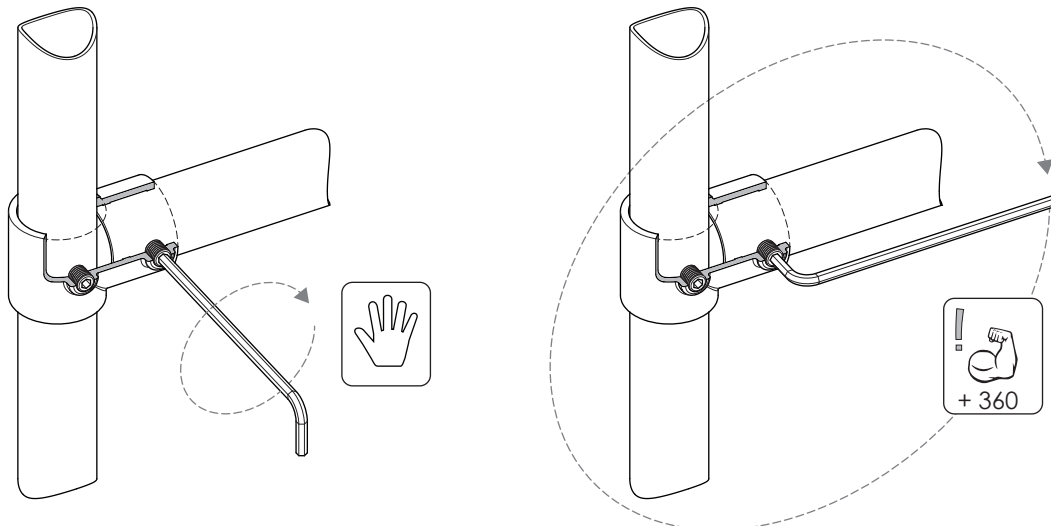
ASSEMBLY TIPS

CORRECT INSERTION INTO FITTINGS - (INDICATIVE DIAGRAM SHOWN)

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



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

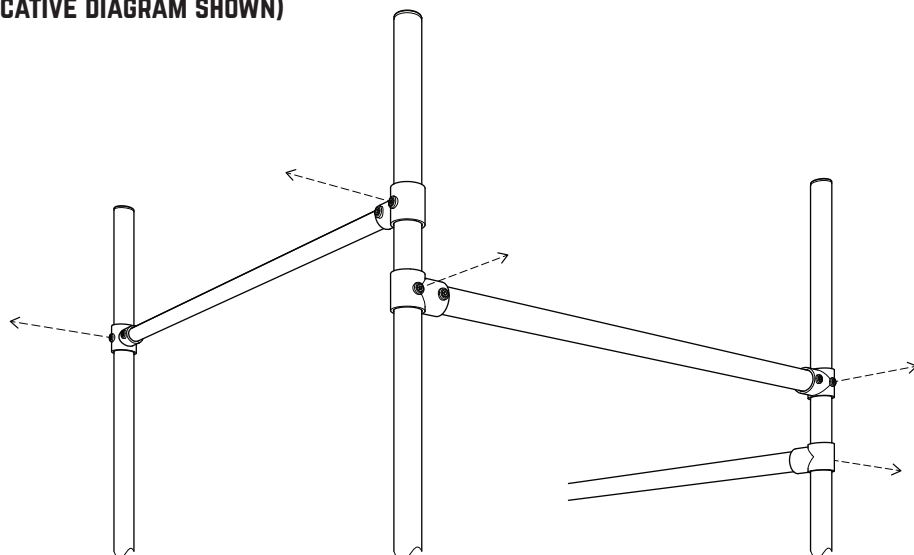


1. With long end of allen key, hand tighten grub screw as much as possible.

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

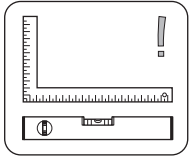
TYPICAL FITTING ORIENTATION - (INDICATIVE DIAGRAM SHOWN)

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.

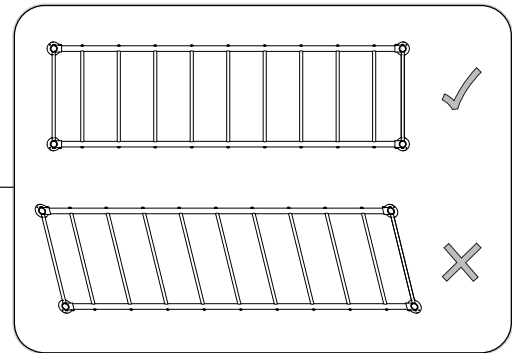
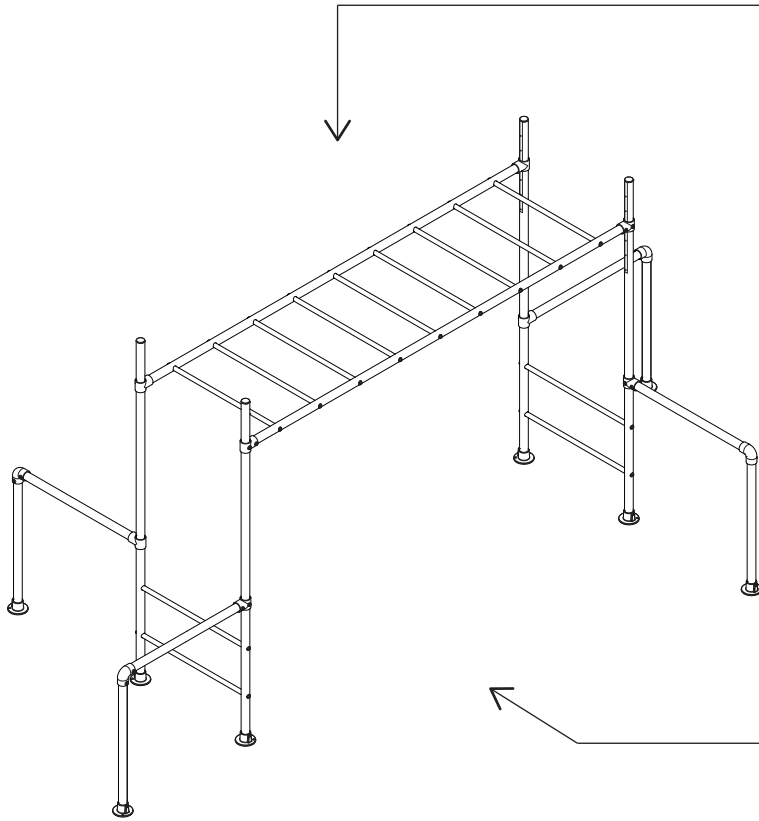


ASSEMBLY TIPS (CONTINUED)

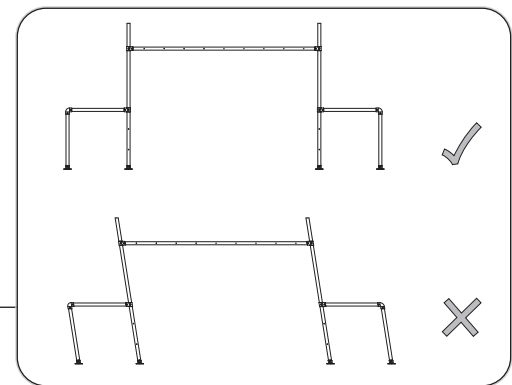
**IT IS CRITICAL YOUR MAIN FRAME IS 100% SQUARE AND LEVEL
(INDICATIVE DIAGRAM SHOWN)**



Check assembly is 100% level, square & straight.



PLAN VIEW

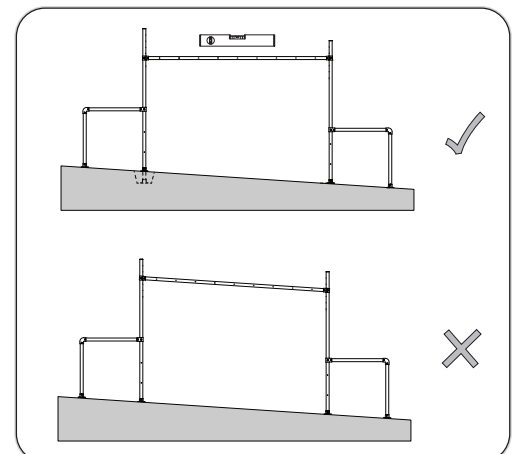


SIDE VIEW

IF YOUR FRAME IS NOT STRAIGHT OR LEVEL REMOVE PEGS, LOOSEN GRUB SCREWS, RE-ADJUST RE-TIGHTEN AND RE-PEG THE FRAME.

INSTALLATION ON A SLOPE

If your frame is being installed on a slope ensure the monkey ladder bar is level. Either install at different heights on the legs or dig down at one end until level.



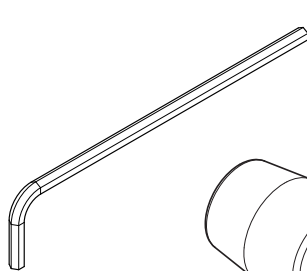
INVENTORY

SUPPLIED BOXES.

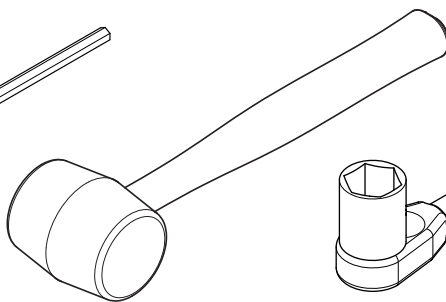
NOTE: The Silverback frame comprises of a total of 6 boxes:

QUANTITY.	CODE.	DESCRIPTION.
2	F2	4 (Total) x Silver 2950mm Accessories Tubes
1	H2	4x Onyx 1085mm + 2x Silver 1085mm + 1x Silver 1085mm Chin up
1	H3	2x Silver 900mm + 4x Silver 450mm
1	Q22	Fittings and Hardware
1	Q25	Fittings and Hardware
Total 6		

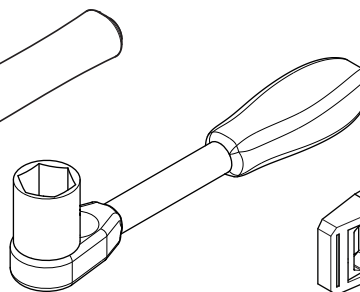
TOOLS REQUIRED FOR INSTALLATION



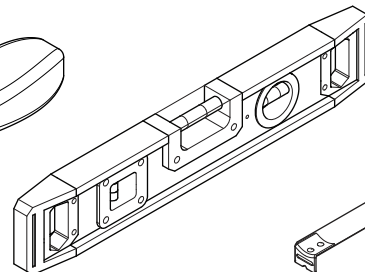
1x
8mm Allen key
(Included)



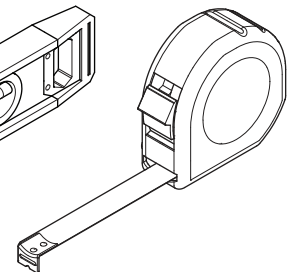
1x
Soft Hammer
(Not included)



1x
17mm Ratchet
(For accessories-not included)

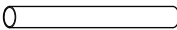



1x
Spirit Level
(Not included)

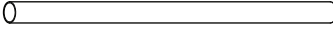


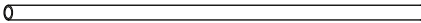
1x
Tape Measure
(Not included)


TUBES


2x
Horizontal Short
Twirly Tube


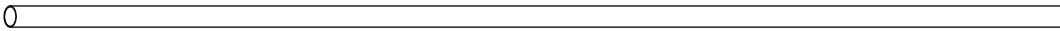
2x
Brace Tube


2x
Vertical
Twirly Tube


1x
Chin up Tube


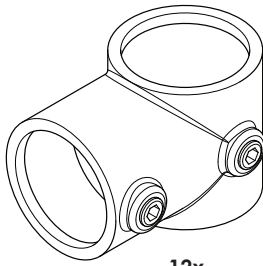
2x
Dip Vertical Tube


4x
Dip/Gym Horizontal
Black Tube


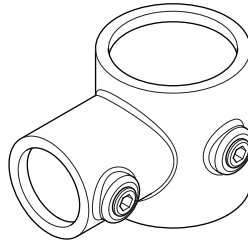
4x
Long Gym
Leg Tube


INVENTORY (CONTINUED)

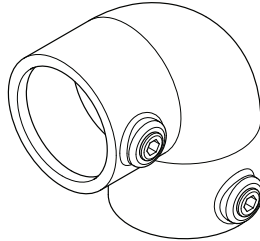
FITTINGS



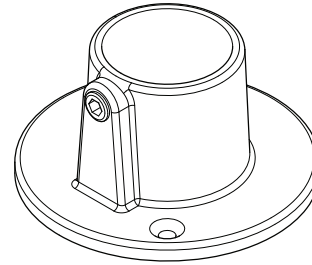
12x
Short Tee
D-101



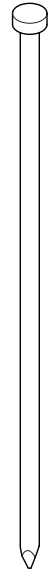
2x
Reducing Tee
D-101 D48-B34



4x
Elbow
D-125

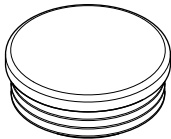


8x
Base Plate
D-131



8x
Peg

HARDWARE



4x
Plastic End Cap



1x
Manufacture Sticker

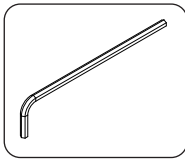
COMPONENTS (NOT APPLICABLE)

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...

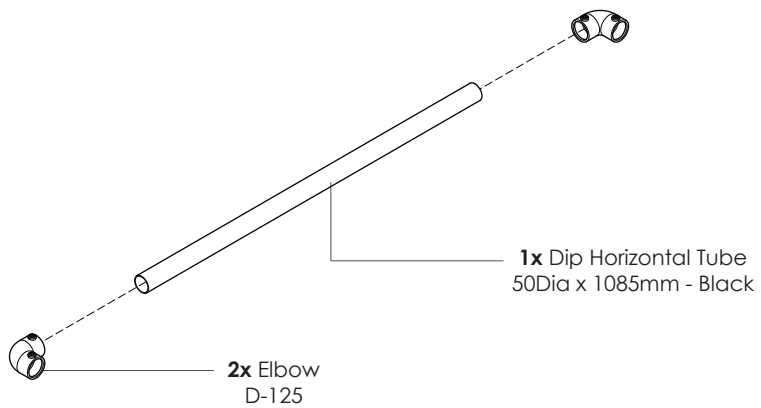
WWW.FUNKYMONKEYBARS.COM

ASSEMBLY INSTRUCTIONS - SIDE DIP BAR ASSEMBLY

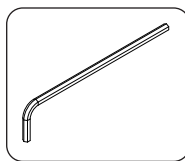
1 ASSEMBLE DIP BAR



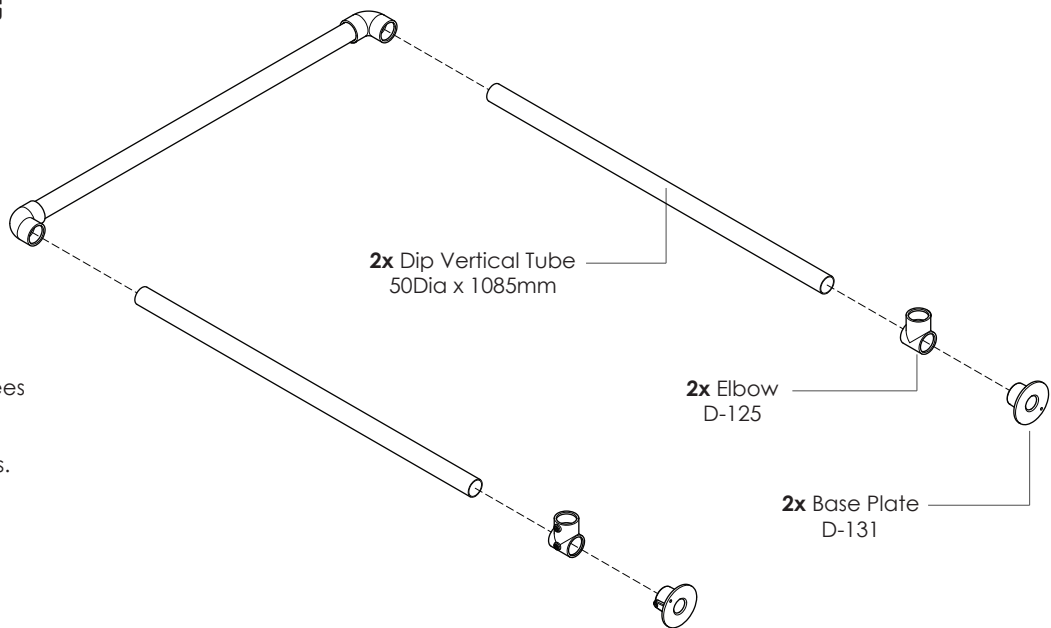
1. On flat level ground fully insert 2x elbows into 1x dip horizontal tube (black).
2. Firmly tighten all grub screws.



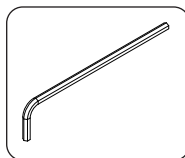
2 ASSEMBLE DIP BAR LEGS



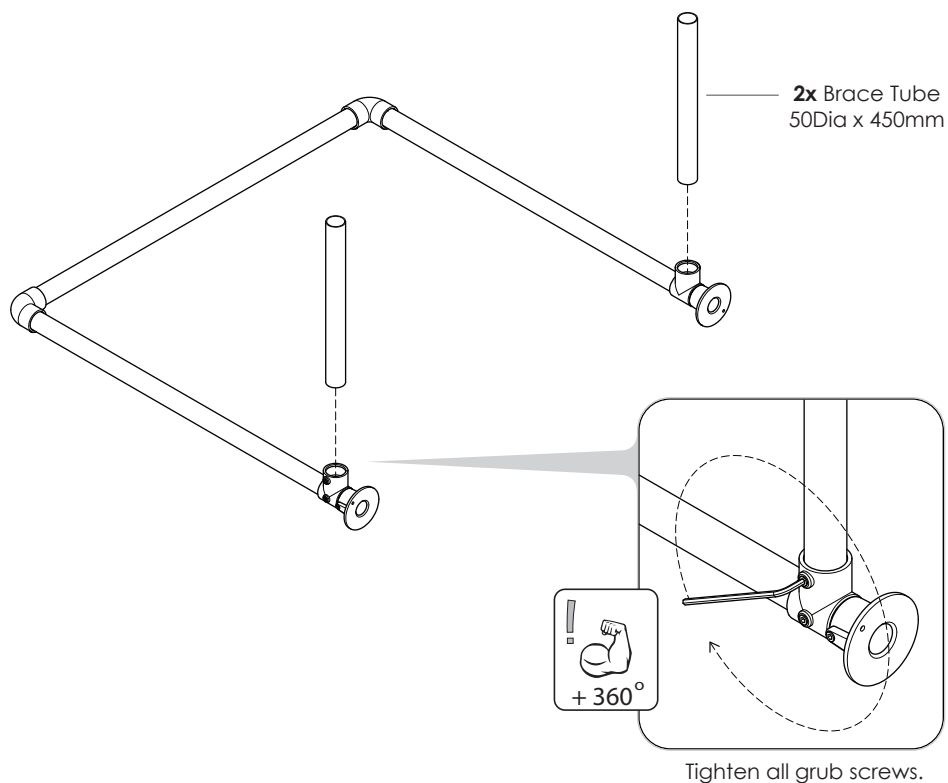
1. Flip dip bar assembly over so grub screws are facing downwards.
2. Insert vertical dip bars into elbows then slide on short tees followed by base plates.
3. Firmly tighten all grub screws.



3 ATTACH BRACE BARS

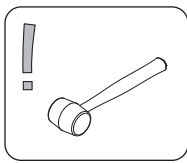


1. Insert brace bars into short tees.
2. Firmly tighten all grub screws.

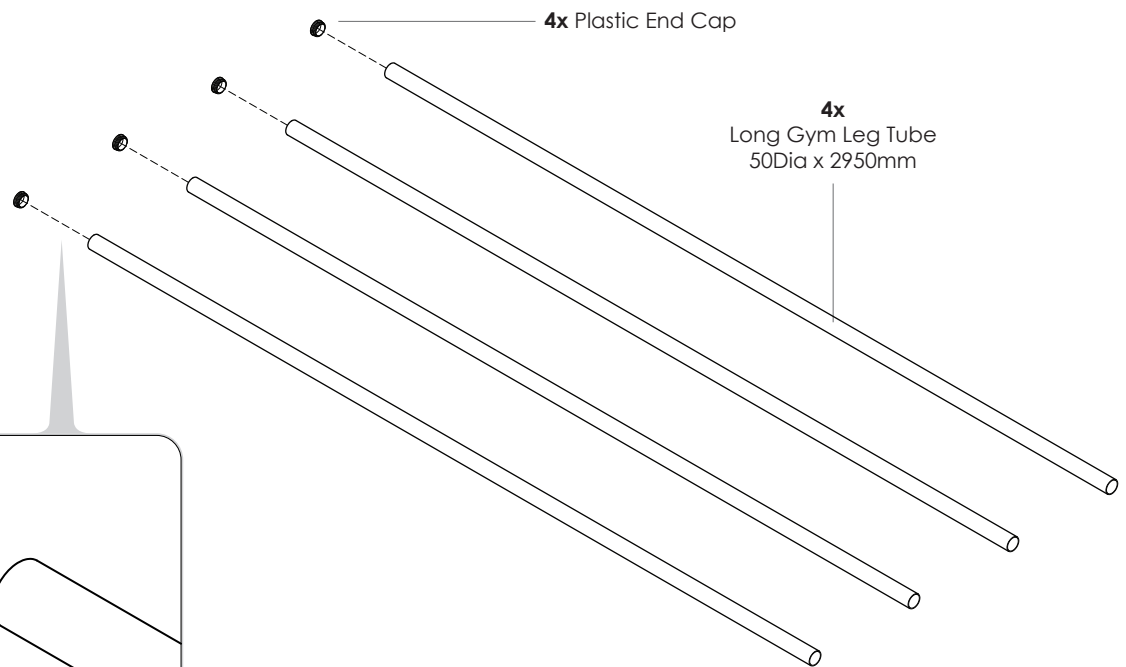
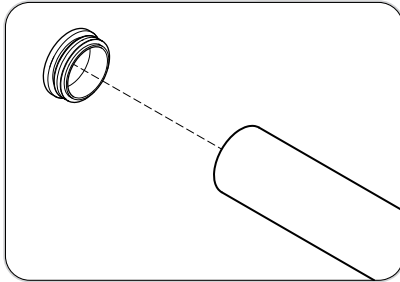


ASSEMBLY INSTRUCTIONS - DIP BAR LEG ASSEMBLY

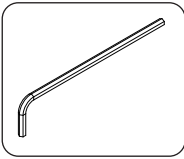
4 INSERT END CAPS



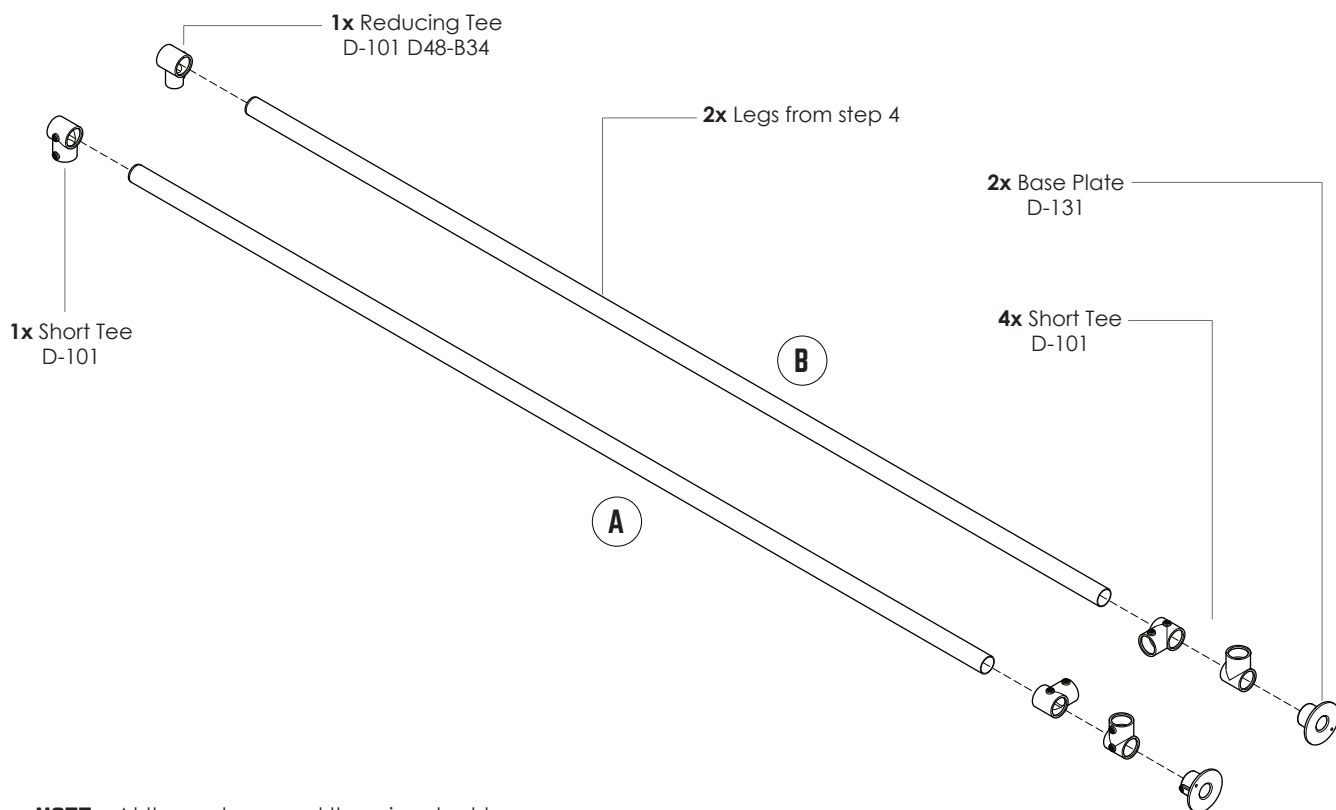
On flat level ground insert plastic end caps into long gym leg tubes.



5 ASSEMBLE DIP STATION LONG LEGS



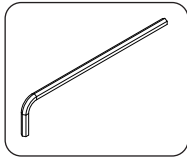
1. Take 2x Long legs from step 4 and slide on all fittings shown.
2. Fully tighten base plates and hand tighten all others for later adjustment



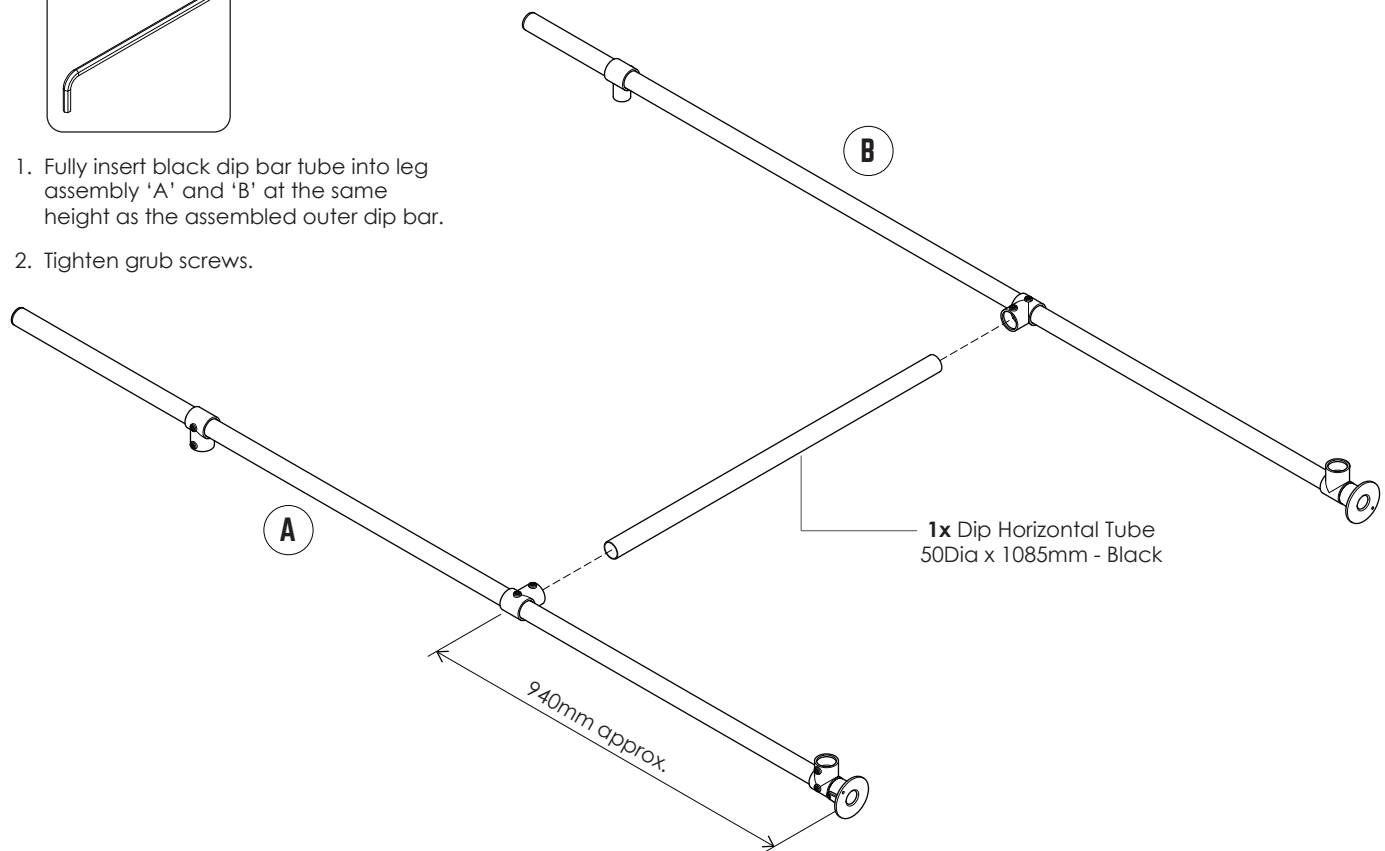
NOTE: At the end cap end there is a short tee on leg 'A' and a reducing tee on leg 'B'.

ASSEMBLY INSTRUCTIONS - DIP BAR STATION ASSEMBLY

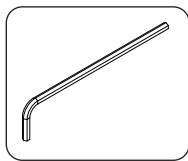
6 ATTACH HORIZONTAL DIP BAR



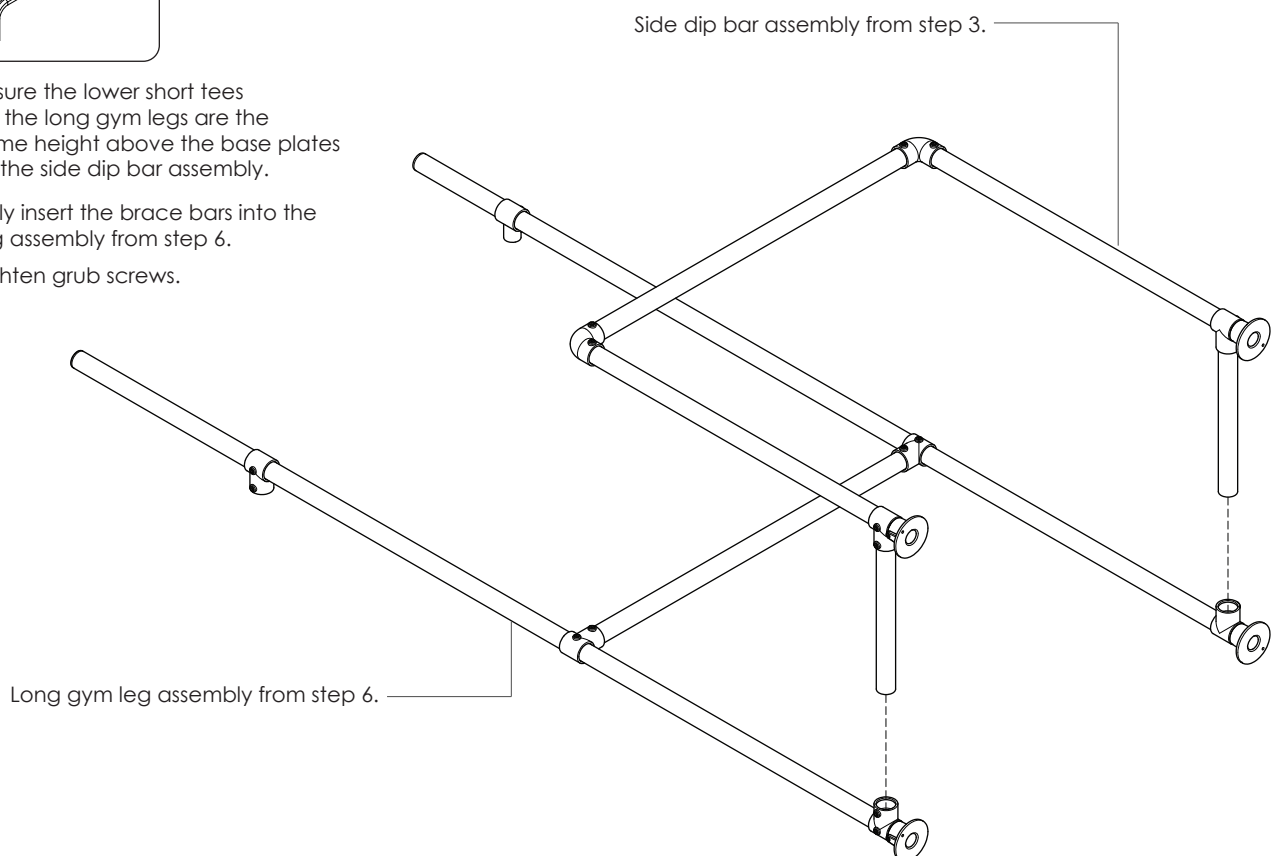
1. Fully insert black dip bar tube into leg assembly 'A' and 'B' at the same height as the assembled outer dip bar.
2. Tighten grub screws.



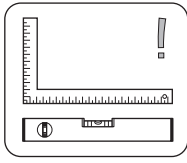
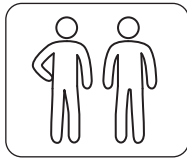
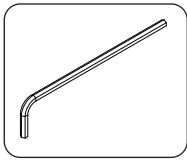
7 ATTACH SIDE DIP BAR ASSEMBLY



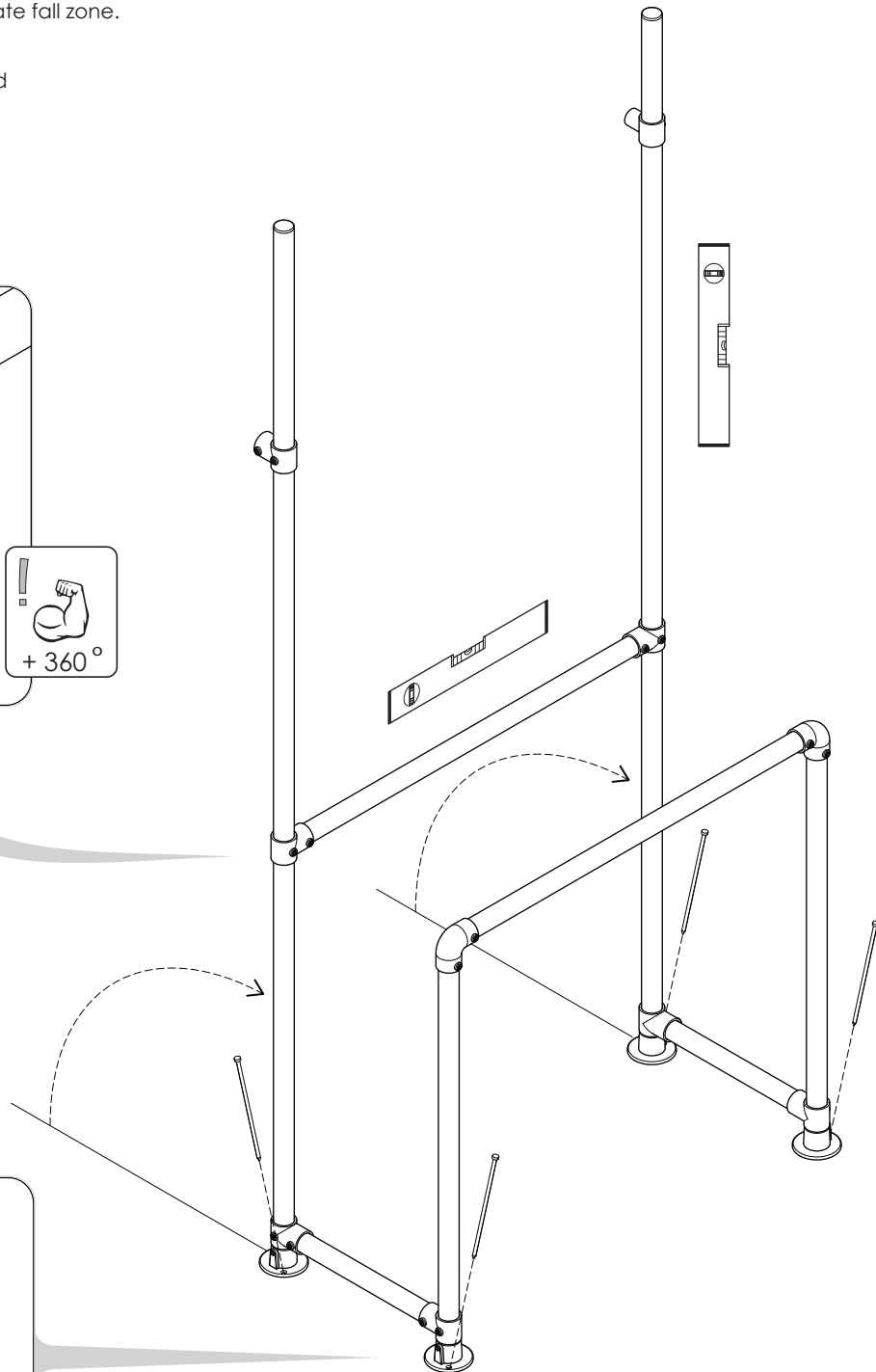
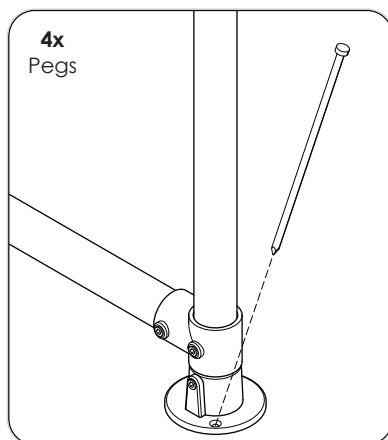
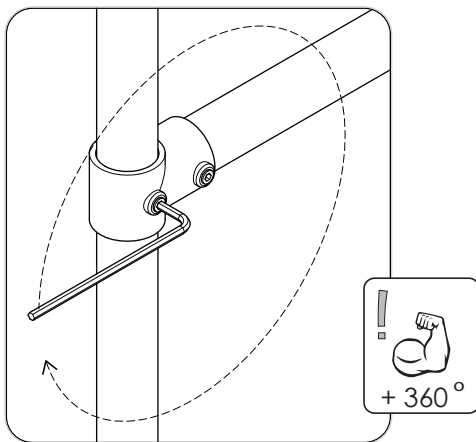
1. Ensure the lower short tees on the long gym legs are the same height above the base plates as the side dip bar assembly.
2. Fully insert the brace bars into the leg assembly from step 6.
3. Tighten grub screws.



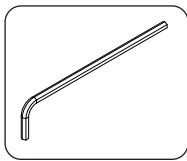
8 STAND UP ASSEMBLY AND SECURE TO GROUND



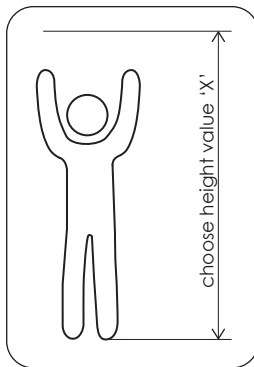
1. With two people lift the dip bar assembly into the upright standing position. Move into desired location with adequate fall zone. (refer to page 4)
2. Check that everything is level and square. Loosen and adjust fittings if not.
3. Fully tighten all grub screws.
4. Hammer in pegs x4.



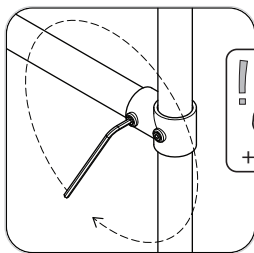
9 ATTACH FIRST RAISED GYM TUBE.



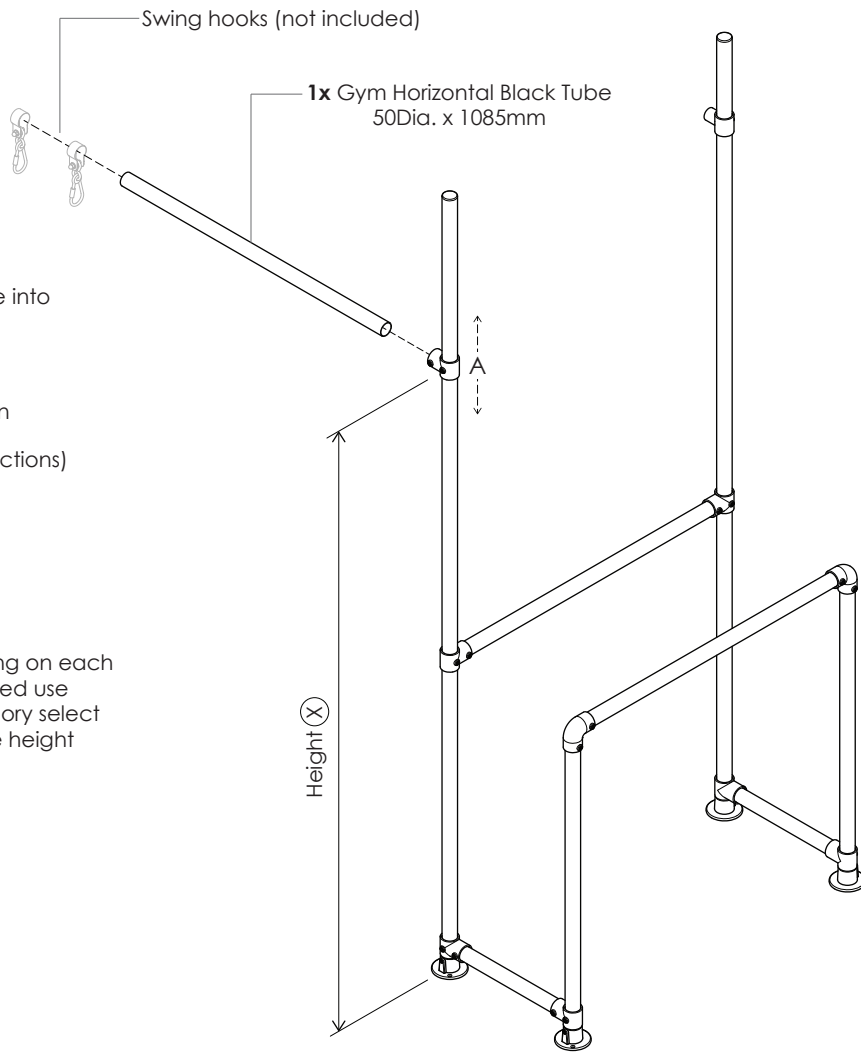
1. Select Height 'X' of first gym tube. Adjust short tee 'A' to suit and fully tighten grub screw.
2. Fully insert black horizontal gym tube into short tee A, fully tighten grub screw.
3. If you have selected accessories for your Silverback frame slide on any swing hooks to the specified location and fully tighten bolts with a ratchet. (Refer to separate accessories instructions)



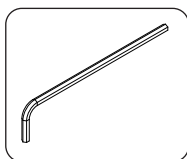
Depending on each bars desired use or accessory select a suitable height



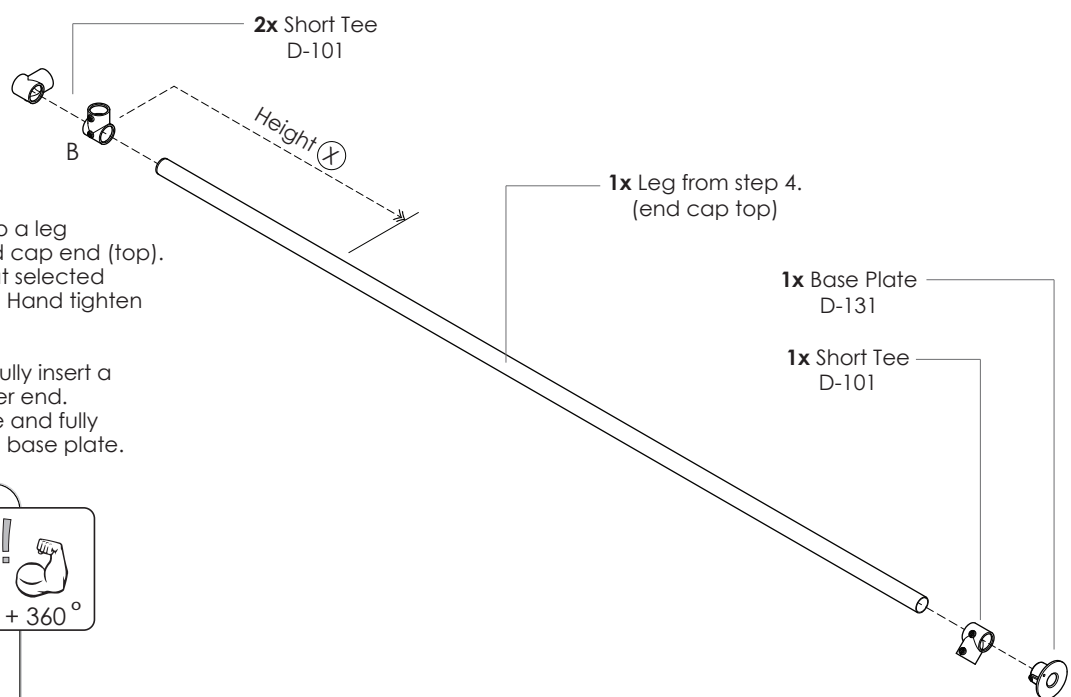
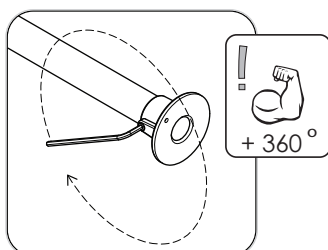
Fully tighten all grub screws



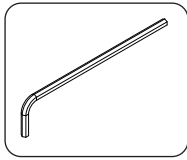
10 ASSEMBLE LEG.



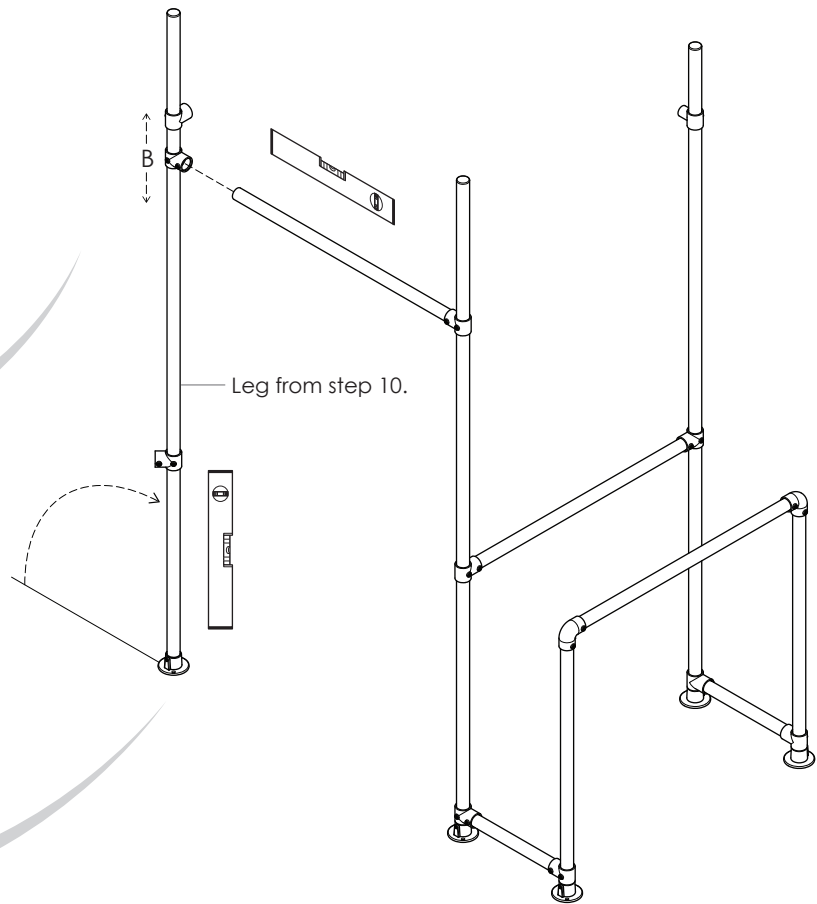
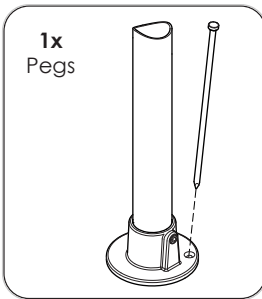
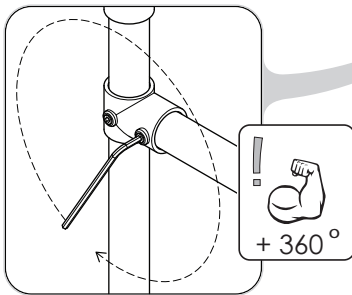
1. Slide 2x short tees onto a leg from step 4 at the end cap end (top). Position short tee 'B' at selected height 'X' from step 9. Hand tighten grub screws.
2. Slide a short tee and fully insert a base plate at the other end. hand tighten short tee and fully tighten grub screw on base plate.



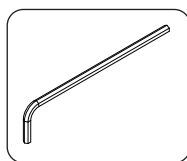
11 ATTACH LEG AND SECURE TO GROUND.



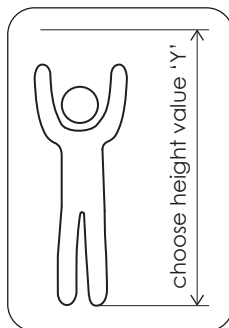
1. Attach leg from step 10. Ensure the horizontal gym tube and leg are level and square adjust short tee B to suit.
2. Fully tighten all grub screws.
3. Secure to ground with 1x peg



12 ATTACH SECOND RAISED GYM TUBE.



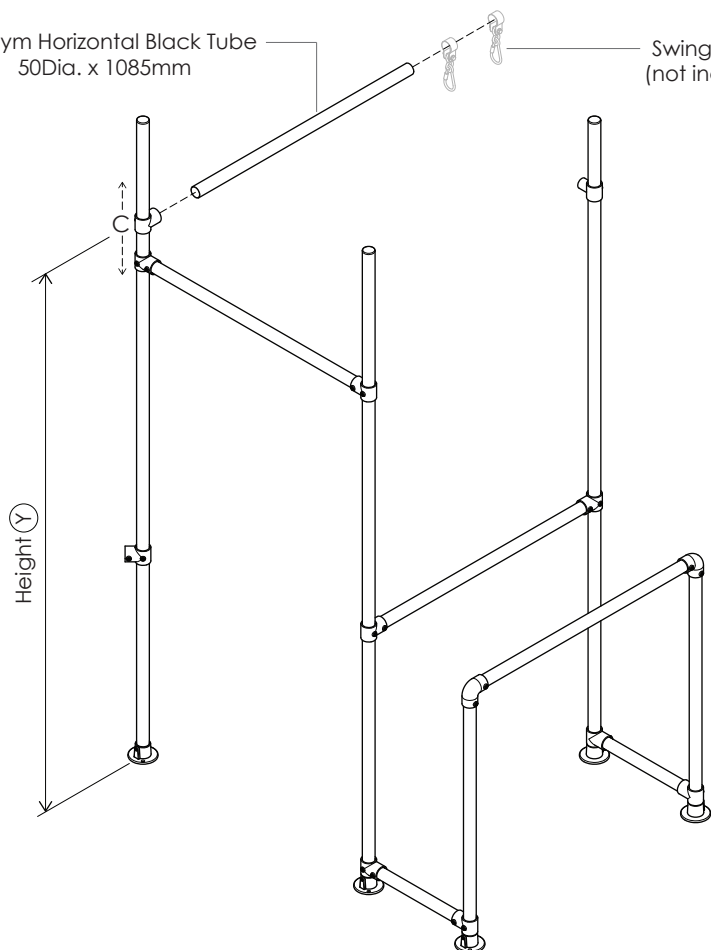
1. Select Height 'Y' of first gym tube. Adjust short tee 'C' to suit and fully tighten grub screw.
2. Fully insert black horizontal gym tube into short tee 'C', fully tighten grub screw.
3. If you have selected accessories for your Silverback frame slide on any swing hooks to the specified location and fully tighten bolts with a ratchet. (Refer to separate accessories instructions)



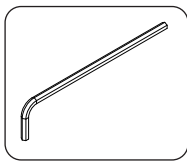
Depending on each bars desired use or accessory select a suitable height

1x Gym Horizontal Black Tube
50Dia. x 1085mm

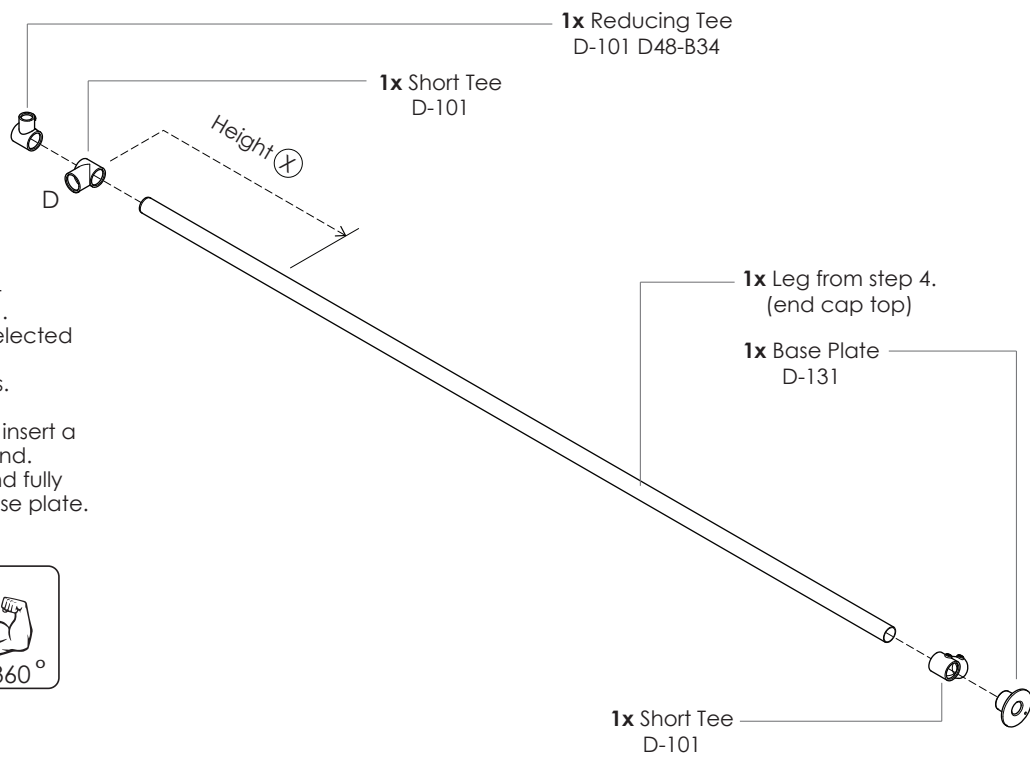
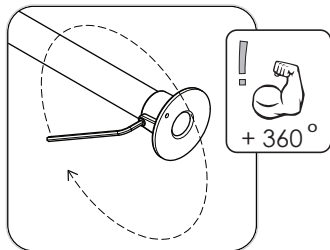
Swing hooks
(not included)



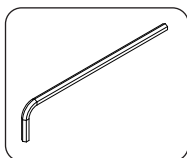
13 ASSEMBLE FINAL LEG



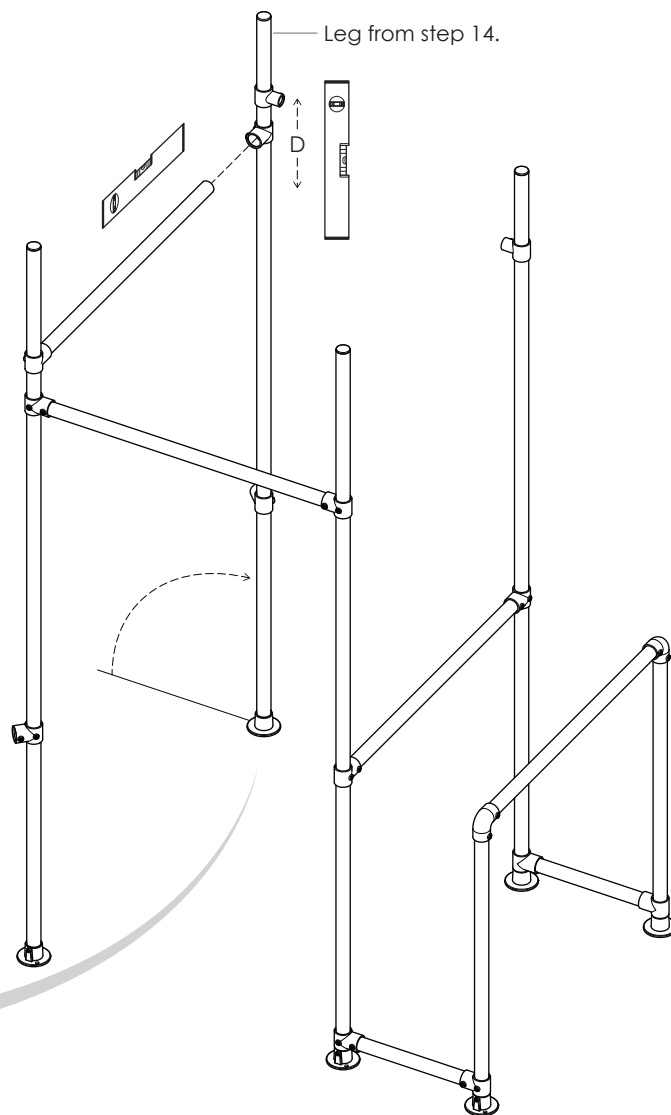
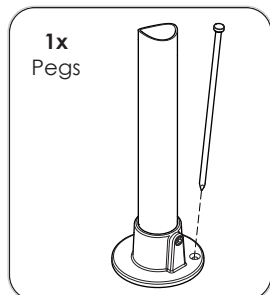
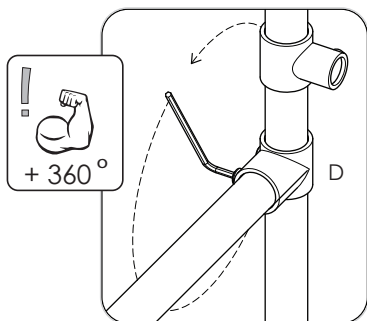
1. Slide 1x short tee and 1x reducing tee onto remaining leg from step 4 at the end cap end (top). Position short tee 'D' at selected height 'Y' from step 12. Hand tighten grub screws.
2. Slide a short tee and fully insert a base plate at the other end. hand tighten short tee and fully tighten grub screw on base plate.



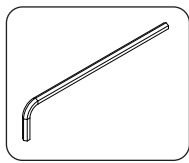
14 ATTACH LEG AND SECURE TO GROUND



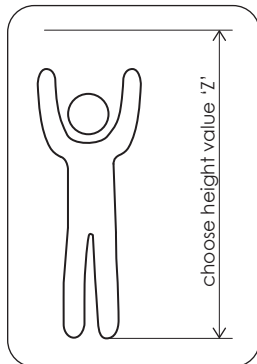
1. Attach leg from step 13. Ensure the horizontal gym tube and leg are level and square- adjust short tee 'D' to suit.
2. Fully tighten all grub screws.
3. Secure to ground with 1x peg



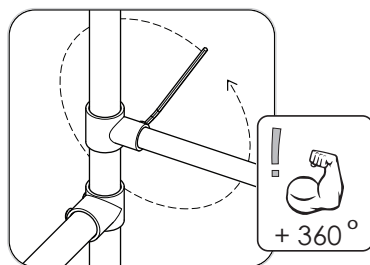
15 ATTACH CHIN UP TUBE.



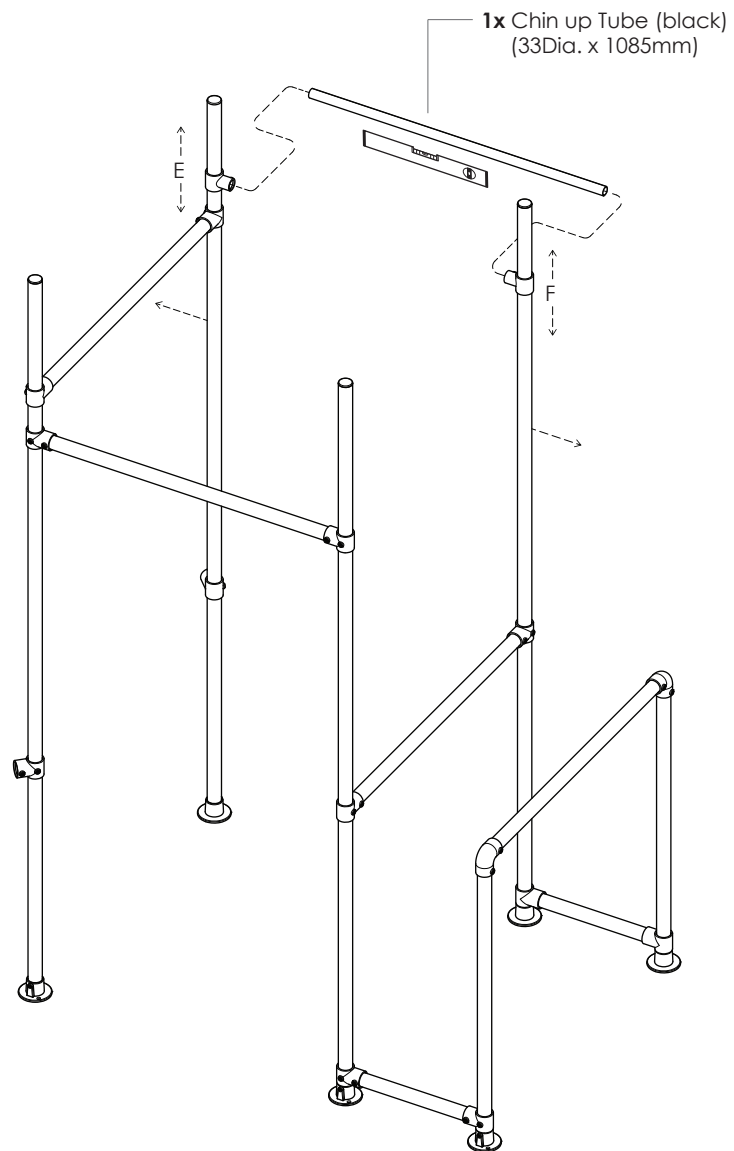
1. Pull legs apart and fully insert black chin up bar into reducing tee 'E and F'.
2. Select Height 'Z' of chin up tube. Adjust short tee 'E and F' to suit and fully tighten grub screws once leveled.



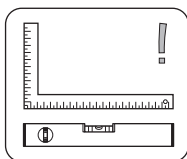
Select a suitable height for the chin up tube.



Fully tighten all grub screws.

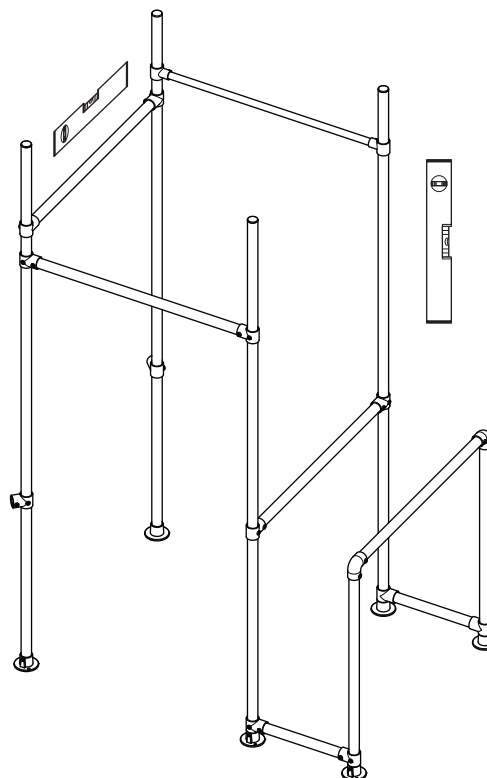


16 ENSURE YOUR FRAME IS SQUARE AND LEVEL.



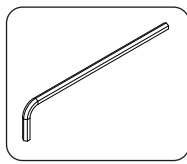
1. Check frame is level and square - Loosen and adjust if not.
2. Check all grub screws are fully tightened.
3. Check the frame is fully pegged down.

CRITICAL :
ENSURE YOUR FRAME IS 100% SQUARE
AND LEVEL BEFORE MOVING ON TO THE
REST OF THE ASSEMBLY

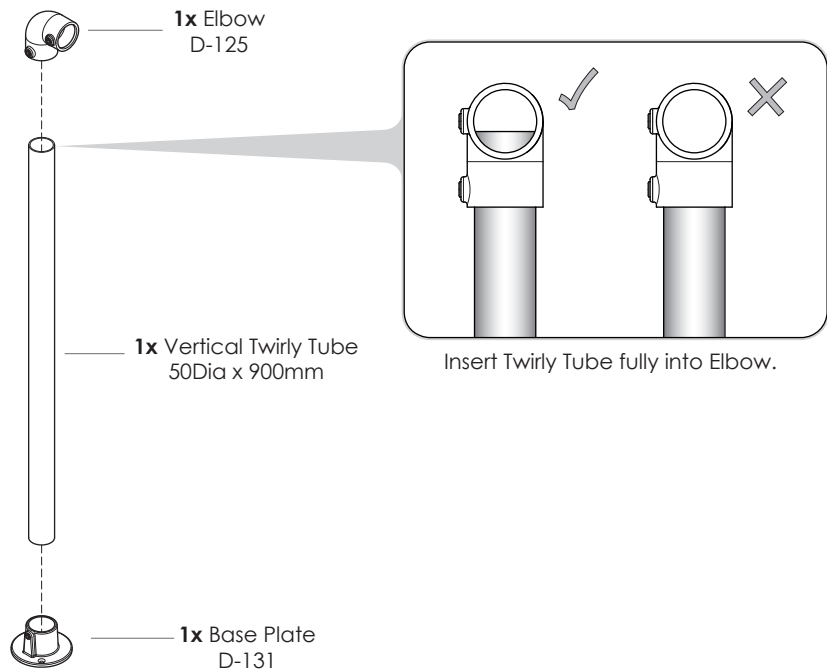


ASSEMBLY INSTRUCTIONS - TWIRLY WHIRLY BAR ASSEMBLY

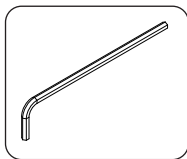
17 ASSEMBLE VERTICAL TWIRLY TUBE



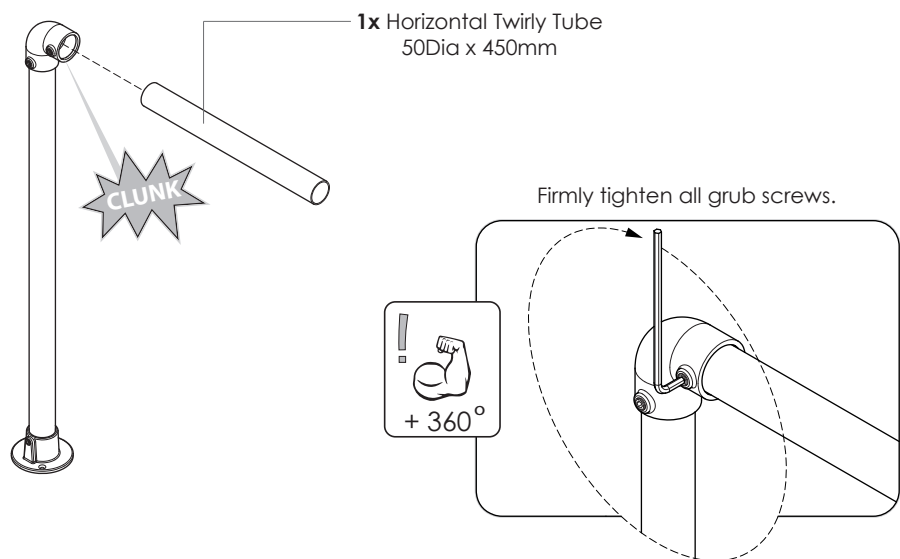
Tighten all grub screws.



18 ATTACH HORIZONTAL TWIRLY TUBE

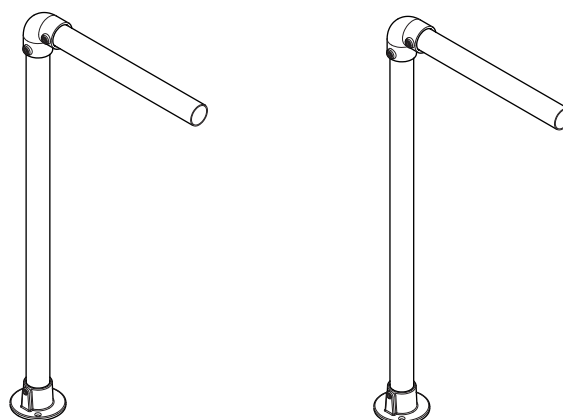


Fully insert short twirly tube then firmly tighten all grub screws.

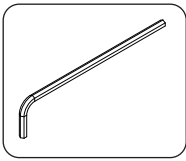


19 REPEAT STEPS 17 -18 FOR 1x MORE TWIRLY WHIRLY BARS.

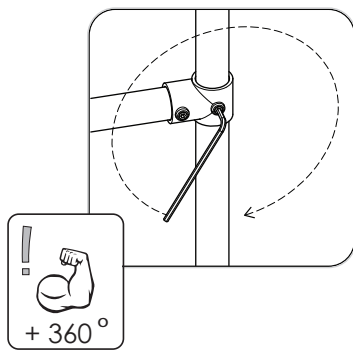
20 TWIRLY WHIRLY BAR x2



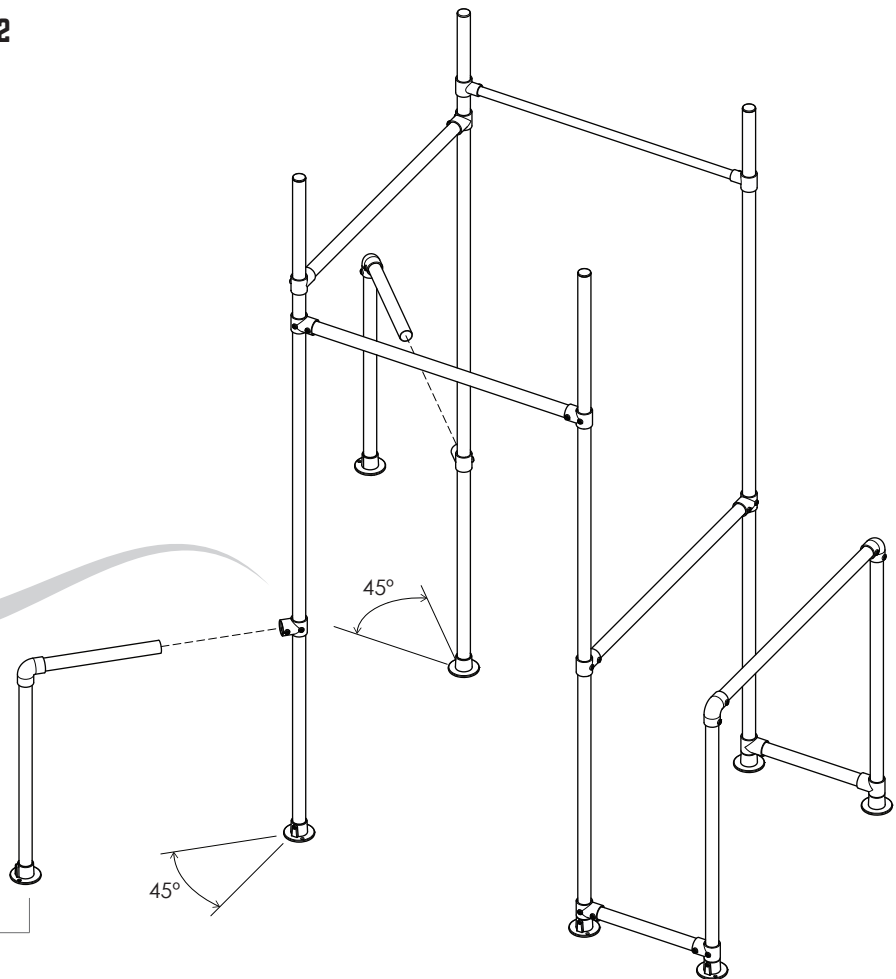
21 ATTACH TWIRLY WHIRLY BARS X2



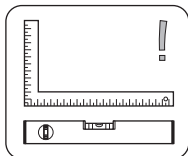
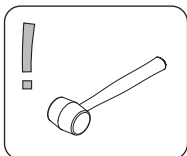
1. Adjust short tees to align level with twirly whirly bars. (at a 45° angle to frame)
2. Ensure the twirly whirlys are at a 45° angle to maximize frame strength
3. Tighten all grub screws fixing twirly whirlys to legs.



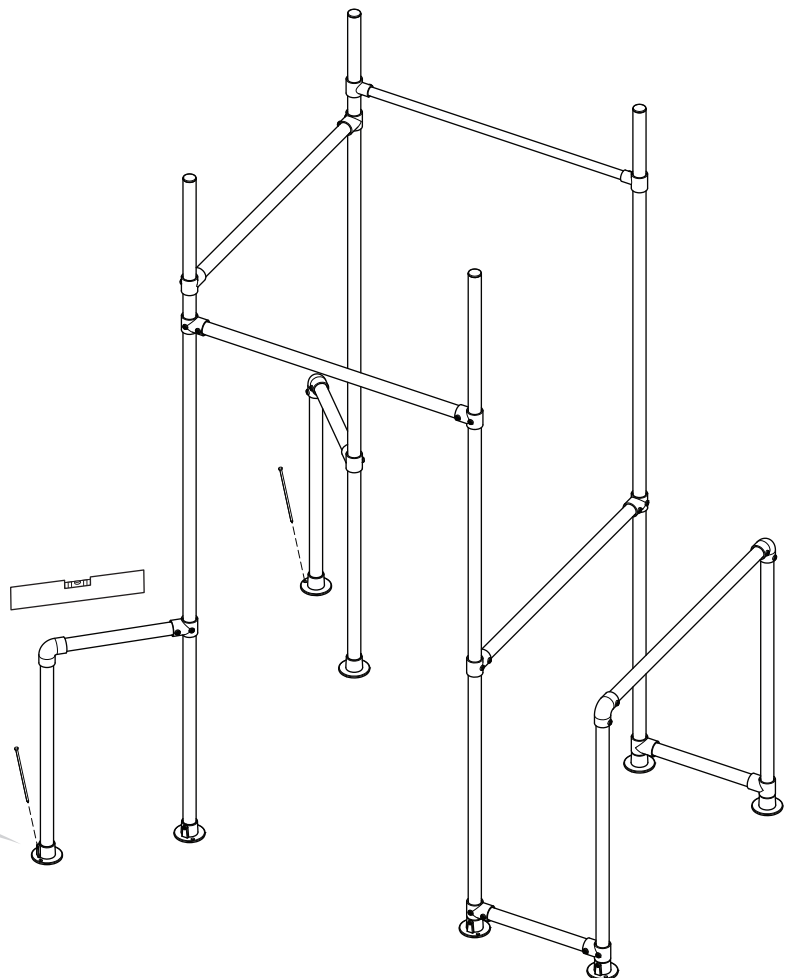
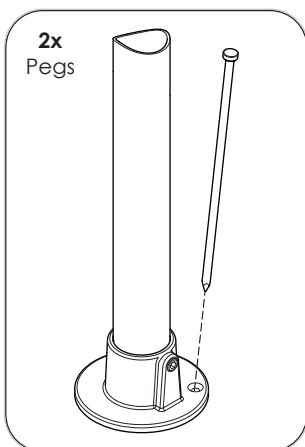
2x Twirly Whirly bars from step 20



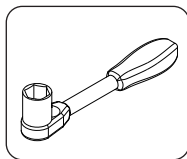
22 SECURE TWIRLY WHIRLYS TO GROUND



1. Check level and square - Loosen and adjust if not.
2. Hammer in pegs 2x.

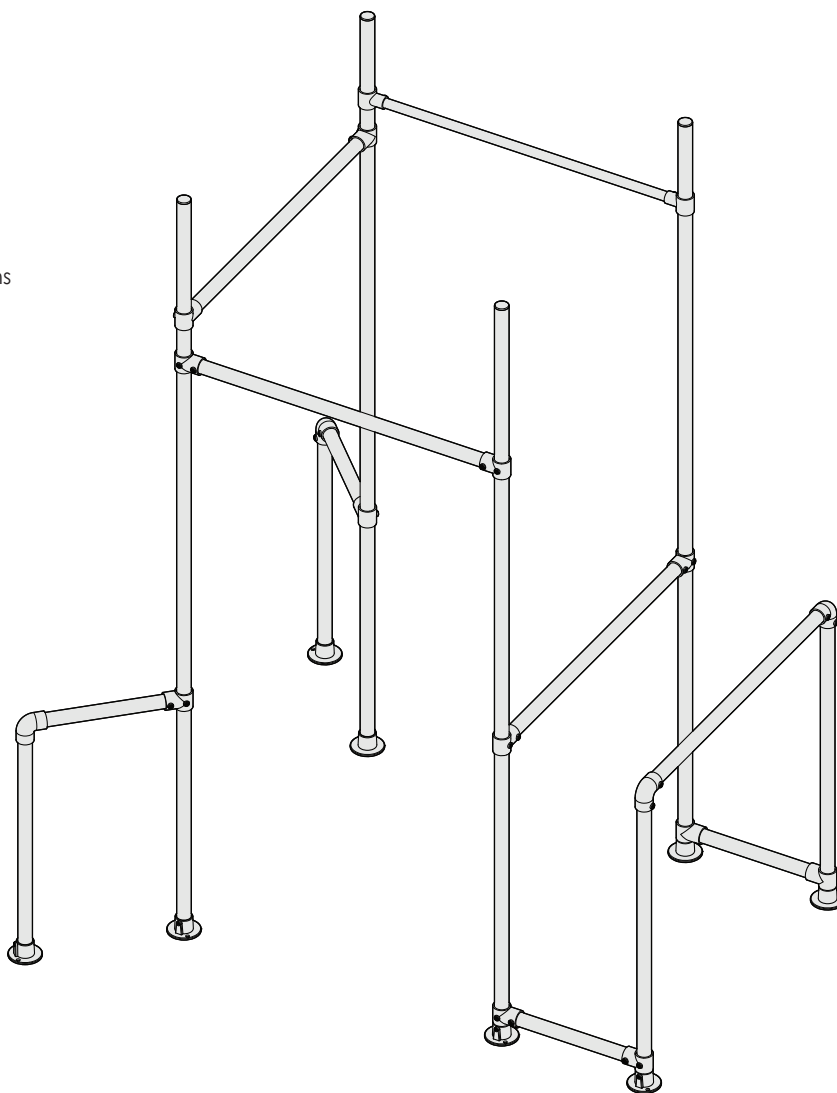


23 ATTACH ACCESSORIES (NONE SUPPLIED WITH SILVERBACK)

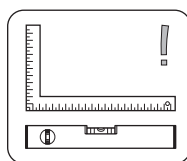
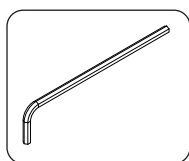


Attach any new accessories in desired position (if applicable) and tighten any swing hook bolts with ratchet.

Refer to separate accessory instructions for details on installation.



24 FINAL CHECKS

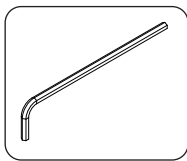
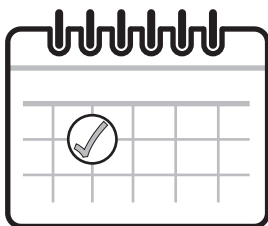


1. Ensure frame is square and level.
2. Firmly tighten all grub screws and bolts.
3. All base plates are pegged down.



Apply your manufacturing sticker to a leg tube.

25 MAINTENANCE.



Ensure you properly maintain your Funky Monkey Bars® frame and accessories.

Please refer to page 2 for daily/weekly and monthly checks and maintenance requirements.

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](http://www.funkymonkeybars.com/pages/videos)**

26 HAVE FUN





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