



ASSEMBLY AND CARE INSTRUCTIONS

UNEVEN PRO BARS II 122PB

VERSION: 8920062 (Revised 10/17)



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Thank you for purchasing SPIETH America **122PB Uneven Pro Bars II**. We appreciate your business and value you as a customer.

Your **122PB Uneven Pro Bars II** are manufactured of the finest materials and have been thoroughly inspected before leaving our plant. We are sure you will be pleased with their quality, durability, and performance.

Please carefully read the following instructions before assembling and using your new equipment, as they pertain to the particular equipment you have purchased.



The exclamation mark symbol when seen in this manual is used to indicate warnings or items that require special attention during the use or assembly of the apparatus.



Assembly, set-up and adjustment of this equipment should only be undertaken by qualified persons. At no time should children or other unqualified persons undertake the assembly, set-up, installation or adjustment of this equipment.

The **122PB Uneven Pro Bars II** consists of:

- 2 Uneven Bar Bases
- 2 Pin Lock Width Adjusters
- 2 Short Uprights
- 2 Long Uprights
- 2 Fiberglass rails
- 1 Tie-Down System (5101-001-001 or 5103-000)

1.1. Uneven Pro Bar Set-Up

1. Layout and mark the floor referring to the measurements in your tie-down system instructions. This will determine the position of the anchor holes and uneven bar assembly. Mark the base position and the location of the mount pin holes (See diagram on next page).



After laying out all holes, check all measurements before drilling.

2. Drill and install floor anchors into concrete by following the manufacturer's instructions or Spieth America tie-down systems instructions.

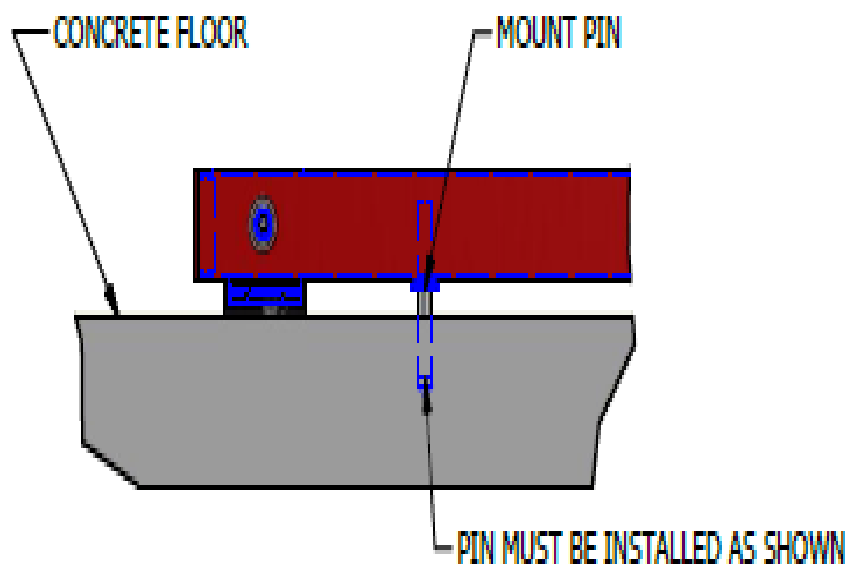


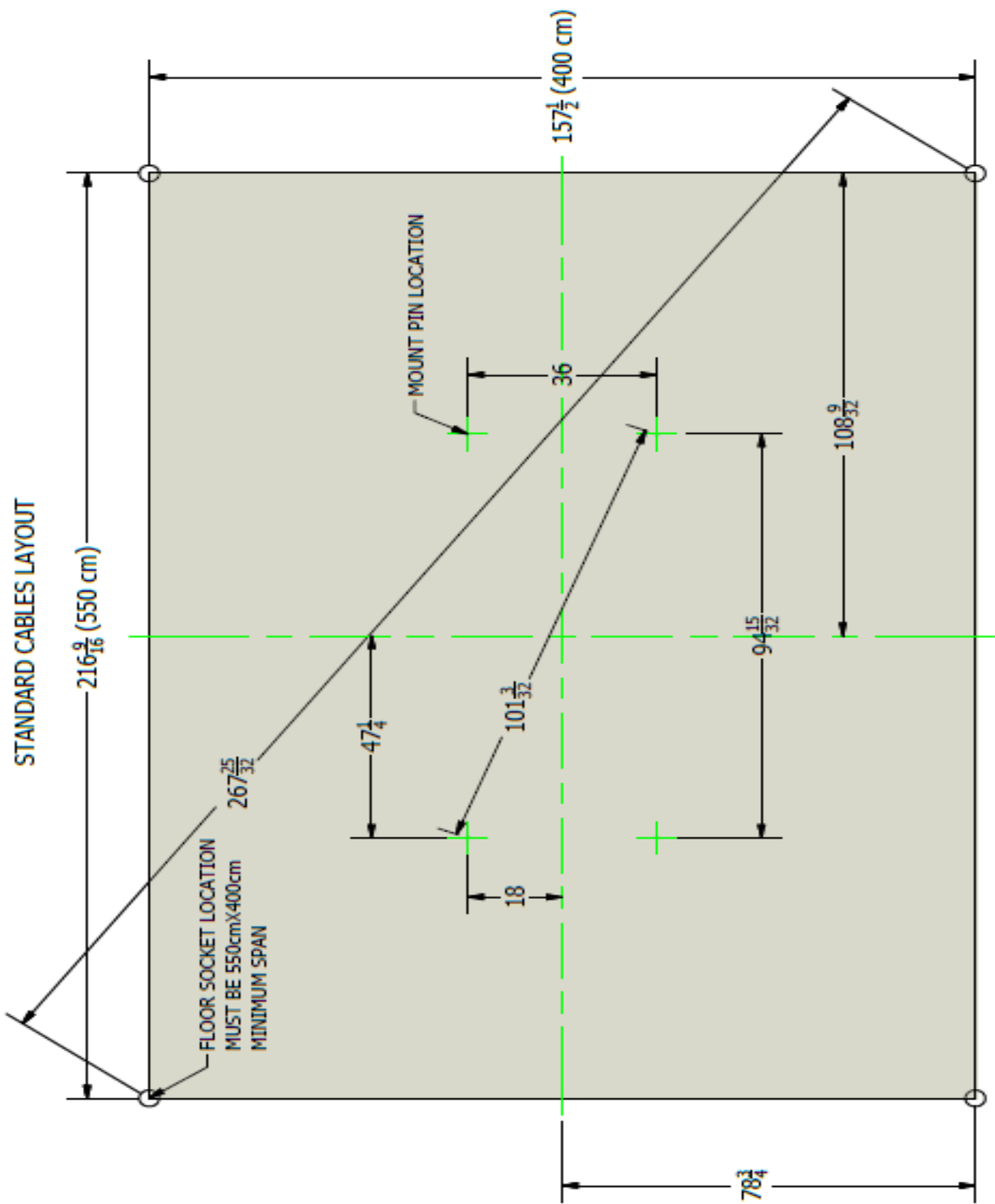
Note that it is **IMPORTANT that the floor anchors be properly set since they will need to withstand large amounts of tension from the cables. Always double check anchors after initial installations to ensure that they are not pulling out.**

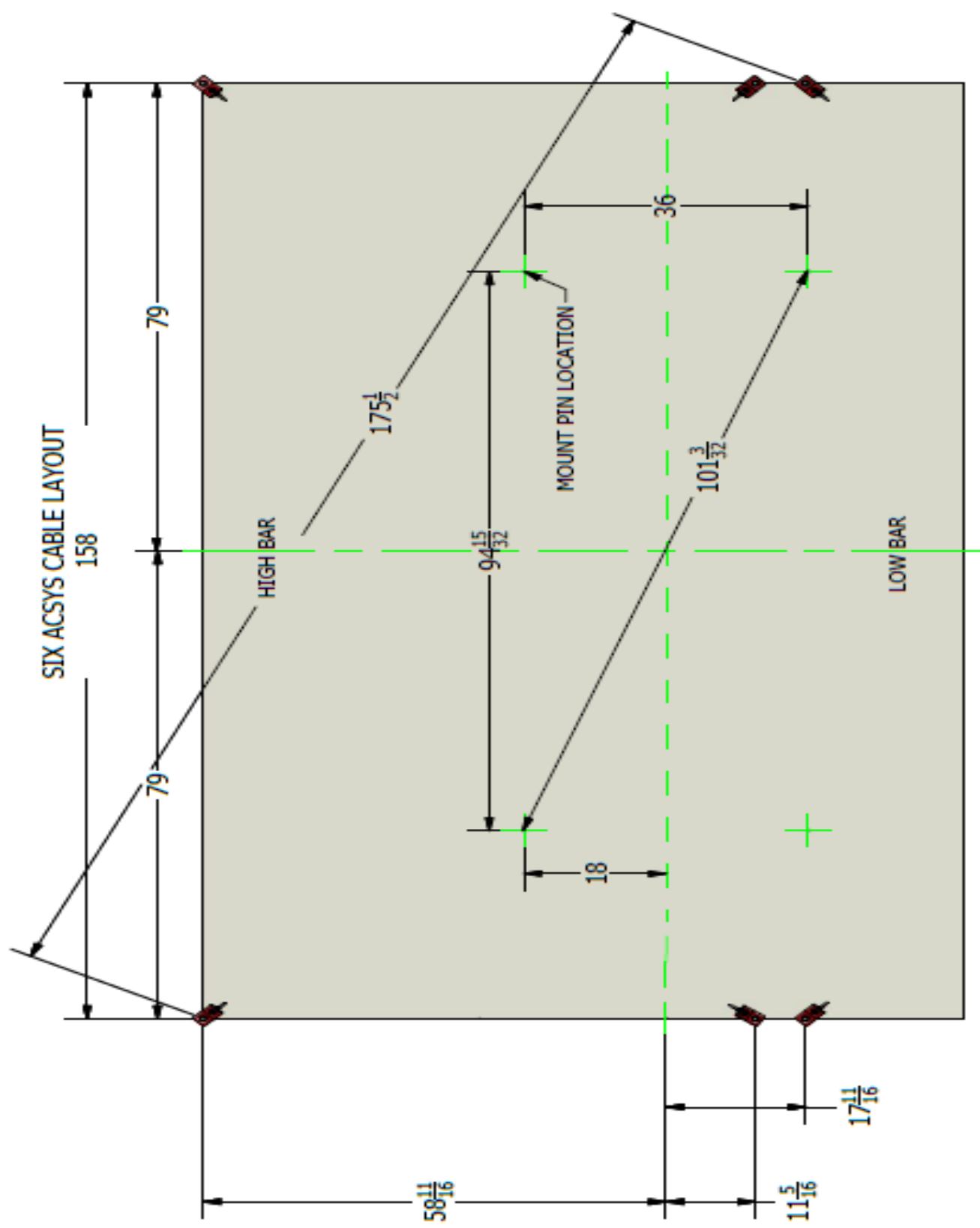
3. Drill and install the mount pins as shown below.
 - a. Lay base tube on its side and check hole location before drilling.
 - b. Drill (4) 1/2" diameter x 1-1/4" deep holes in concrete for mount pins.
 - c. Insert supplied mount pins in drilled holes.



The mount pins must be installed properly in uneven bar base tubes and floor before using the apparatus.







1.2. Apparatus Assembly

1. Set the two bases on the floor. Note the position of the short and long uprights (High Bar/Low Bar) when assembling so that you will not need to reposition the unit after assembly.
2. Position all parts for each side of the assembly:
 - 1 Base
 - 1 Short Upright
 - 1 Long Upright
 - 1 Width adjuster
3. Remove the axle bolt from the base.
4. Position the bottom of the upright into the base and hold it in place. Each base will hold a short and long upright.
5. **Make sure that each upright is positioned with the width adjuster mounting stud facing outwards** (See Fig. 1 below).
6. Insert shoulder bolts, lock washers and washers as shown on Fig. 1 below. **Securely tighten the lock nuts to the shoulder bolts.**

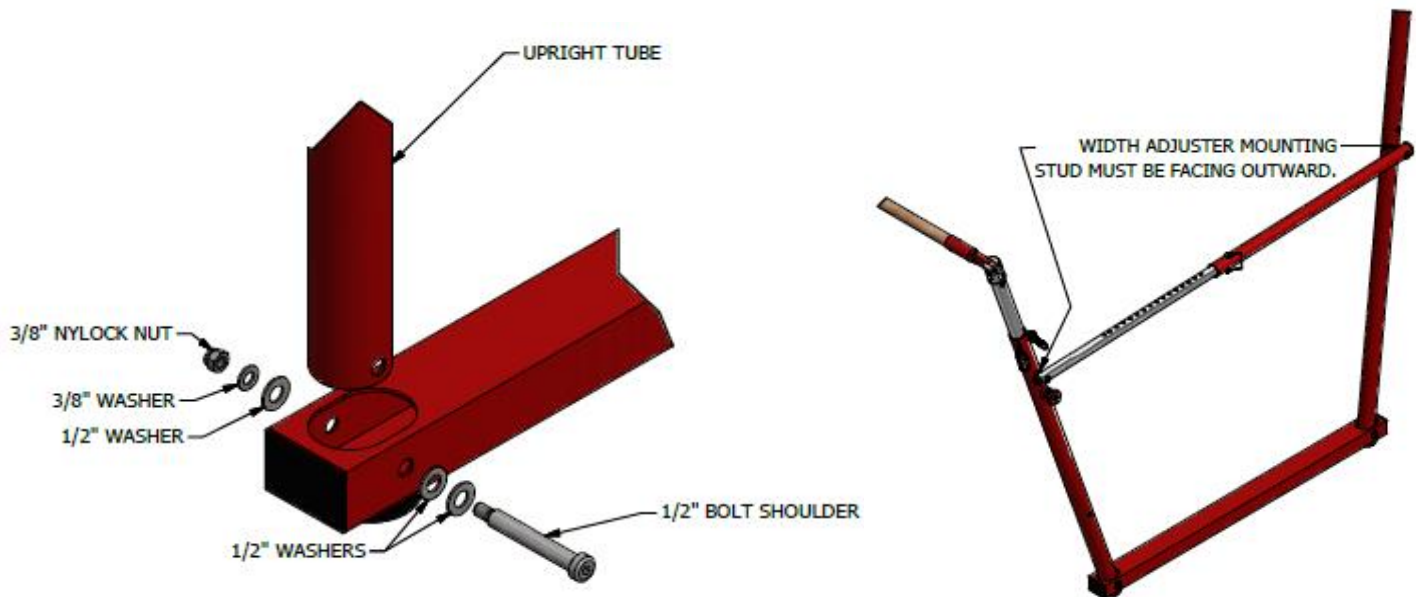


Figure 1: Uprights to Bases Assembly



Make sure that the shoulder bolts are securely tightened!

7. Repeat steps 3 to 6 for all uprights.

1.3. Width Adjusters Assembly

1. Unscrew the width adjusters mounting hardware from the studs on the uprights. Install the width adjuster as shown on Fig. 2 below, and secure with mounting hardware.

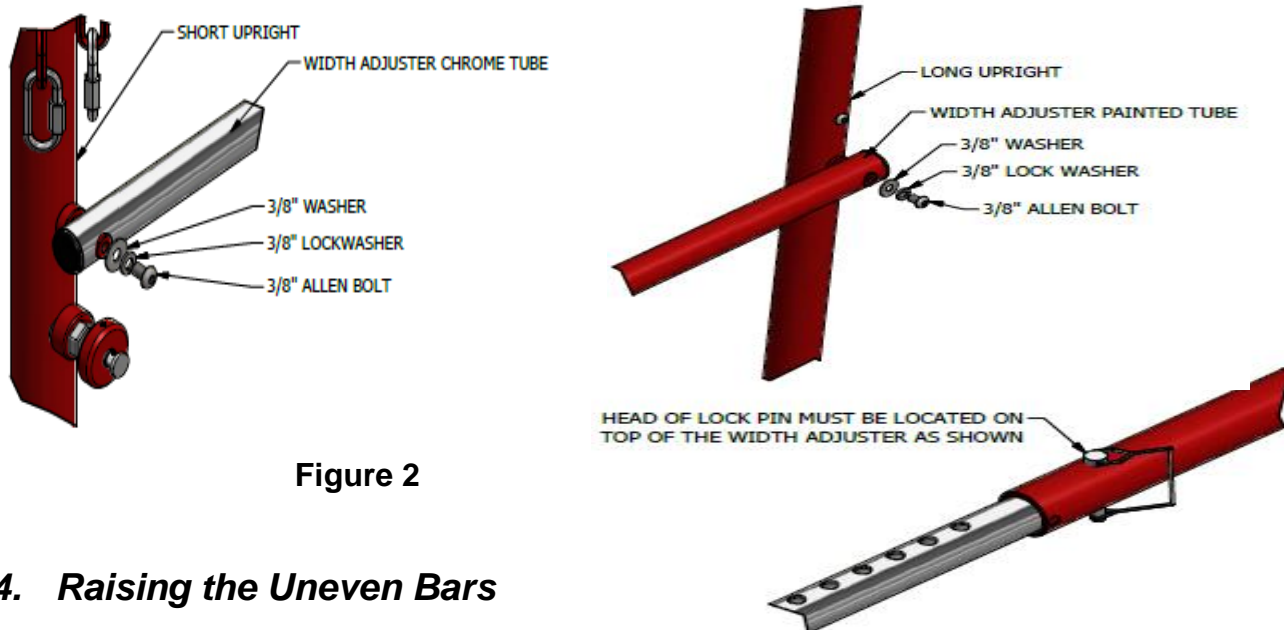


Figure 2

1.4. Raising the Uneven Bars

1. Prepare to raise the uprights and width adjusters assembly and attach rails to the uprights:
 - Partially unscrew the safety screws on each adjusting tube swivel head (See Fig 3 below).
 - Have a rail within arm's reach of each set of uprights.
 - Layout tie-down system as per tie-down instructions and open quick links that connect cables to the uprights.
 - Prepare a ladder to attach cables and rails to the uprights.



Keep in mind that during this stage of the apparatus assembly, the sides of the uneven bars are **NOT** supported and must be held by one person on each side. A third person is required to attach the rails and connect the cables.

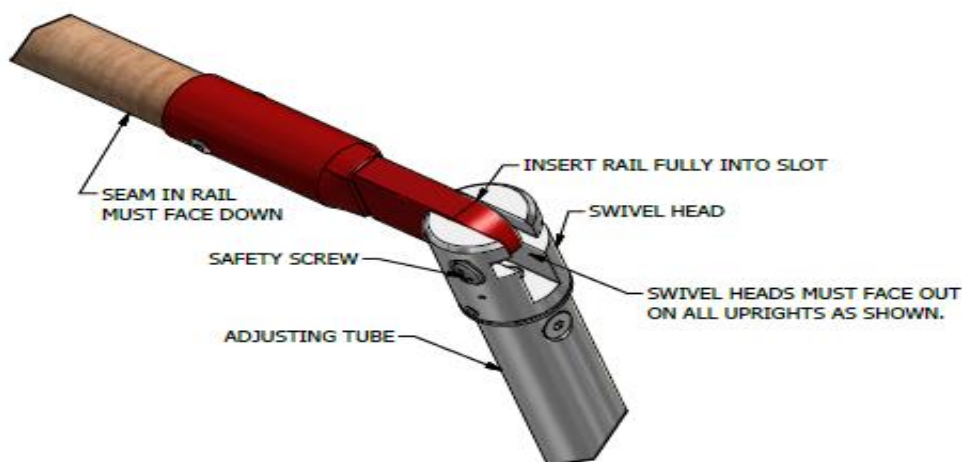


Figure 3: Rails to Uprights Assembly

2. Have two people stand the sides up, one person per side. Make sure the bases are properly installed on the mount pins as shown on page 3.
3. Attach one rail to the two short uprights. Note that the seam on the rail faces down.



Ensure that the pin in each end of the rail is inserted all the way into the slot of the swivel head and has passed the Safety Screws.

4. Tighten the low bar swivel head safety screws on both sides.



A properly fitted rail cannot be removed from the swivel head without unscrewing the Safety Screws.

5. Attach the second rail to the long uprights and repeat step 4.
6. Attach cables to the short uprights.



Remember to close and tighten the quick links. The quick links should be oriented so they will be tightened by turning the nut down. That will help prevent it from unthreading during the use of the apparatus.

7. Attach cables to the long uprights.



Again, remember to close and tighten the quick links. The quick links should be oriented so they will be tightened by turning the nut down. That will help prevent it from unthreading during the use of the apparatus.

8. Tighten cables until the uneven bars can support themselves.

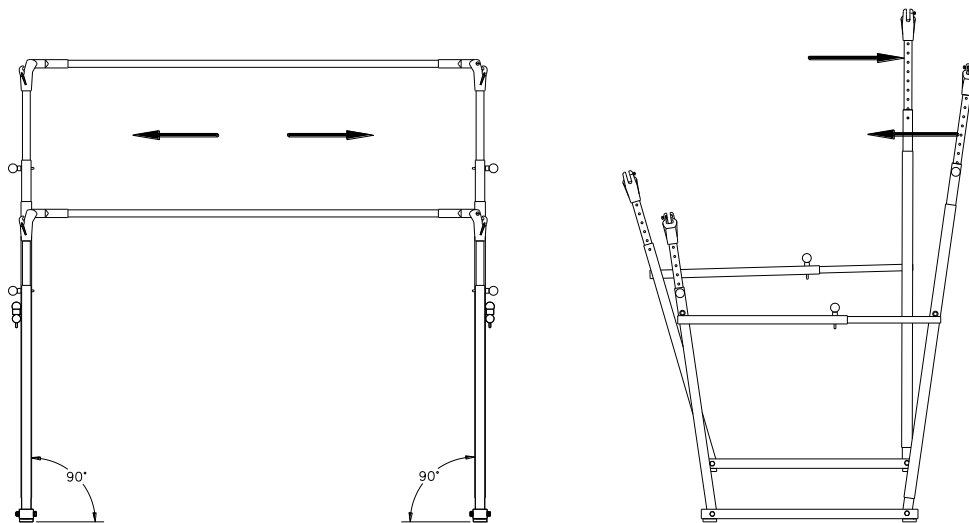


Make sure uneven bars will stay up on their own before letting go of them.

9. Adjust the tie-down system as explained in your tie-down instructions.

1.5. Upright Alignment

A visual inspection of your Uneven Bars will determine whether or not you have to adjust the Upright Alignment. If the Uneven Bars lean towards one side or unequally forward or backward, the Upright Alignment needs to be adjusted. Check and verify the following (see drawing below).



1. Base location must be correct. Compare the location of your upright assemblies with Set-Up Drawing on page 4-5.
2. Note:
 - The number of chain links from the floor to on the rear tie-downs must be the same on both sides.
 - The number of chain links from the floor on the front tie-downs must also be the same on both sides.
3. Each turnbuckle must be adjusted to the same length.
4. All cable ends must be properly attached to their appropriate Quick Link on the Uprights.
5. The floor sockets must be positioned correctly as shown on Set-Up Drawing on page 4 or 5.
6. Cable tension, as determined by the Cable Tensioners, must be equal:
 - Front Right tension = Front Left Tension
 - Rear Right tension = Rear Left Tension
7. With the above checked and correct, the final adjustments can be made with the chains and turnbuckles.



When a single turnbuckle is adjusted, the whole apparatus will be pulled toward or away from that corner. Equal adjustments undertaken at both turnbuckles will avoid any misalignment. Avoid tightening a turnbuckle with any leverage tool. Over-tightening can result in possible damage to the apparatus.

3. SAFETY



WARNING

Any activity involving motion or height creates the possibility of serious injury including permanent paralysis and even death, from landing or falling on the neck, head, or other parts of the body.

You assume a risk of serious injury in using this equipment. However, this risk can be reduced by strictly following these rules at all times.

1. Use this equipment **only** under the supervision of a trained and qualified instructor.
2. This equipment **must be used only when protected by proper matting as recommended by the Federation of International Gymnasts (F.I.G.).** If in doubt concerning proper matting, do not use this equipment.
3. This equipment **must be used with proper spotting equipment and qualified spotters suitable to the activity or skill.** Always consult an instructor.
4. **Know your own limitations and the limitations of this equipment.** Follow progressive learning techniques and always consult an instructor.
5. **Always inspect this equipment for proper stability before each use.**
6. **Always inspect this equipment for loose fittings and parts. Replace any worn, defective or missing parts.**
7. **Always inspect this equipment for improper or unsafe installation. If in doubt, do not use this equipment.**