124 – "SPACE MAXIMIZER"

Sales & Service

Spieth Anderson International, Inc.
Forestview Road, P.O. Box 40
Orillia, Ontario
Canada L3V 6H9
Telephone: (705) 325-2274
Fax: (705) 325-1485

Toll Free: (800) 563-6479

Spieth Anderson U.S.A. Inc.
4608-A Fairlane Avenue
Fort Worth, Texas
USA 76119
Telephone: (817) 536-3366
Fax: (817) 536-3006

Toll Free: (800) 331-8068

124 / Instruction #8920010
December 4, 2008

Thank you for purchasing the **"124 Space Maximizer"** from our line of ***Gymnastics equipment***. We appreciate your business and value you as a customer.

This 124 Space Maximizer is manufactured of the finest materials and has been thoroughly inspected before leaving our plant. We are sure you will be pleased with its quality, durability and performance.

Please read carefully the following instructions before assembling and using your new equipment.

The exclamation mark symbol when seen in this booklet 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. Children or other unqualified persons should never undertake the assembly, set-up, installation or adjustment of this equipment.

For assembly and set-up instructions, please read and follow all instructions in Section II of this booklet as they apply to your particular piece or pieces of equipment.

For information on ***Installing concrete drop-in expansion anchors****, please see Section III of this booklet.*

Be sure to read and follow all Safety Instructions in Section IV of this booklet before attempting to use the apparatus!

For information on Replacement Parts, please refer to Section V of this booklet.

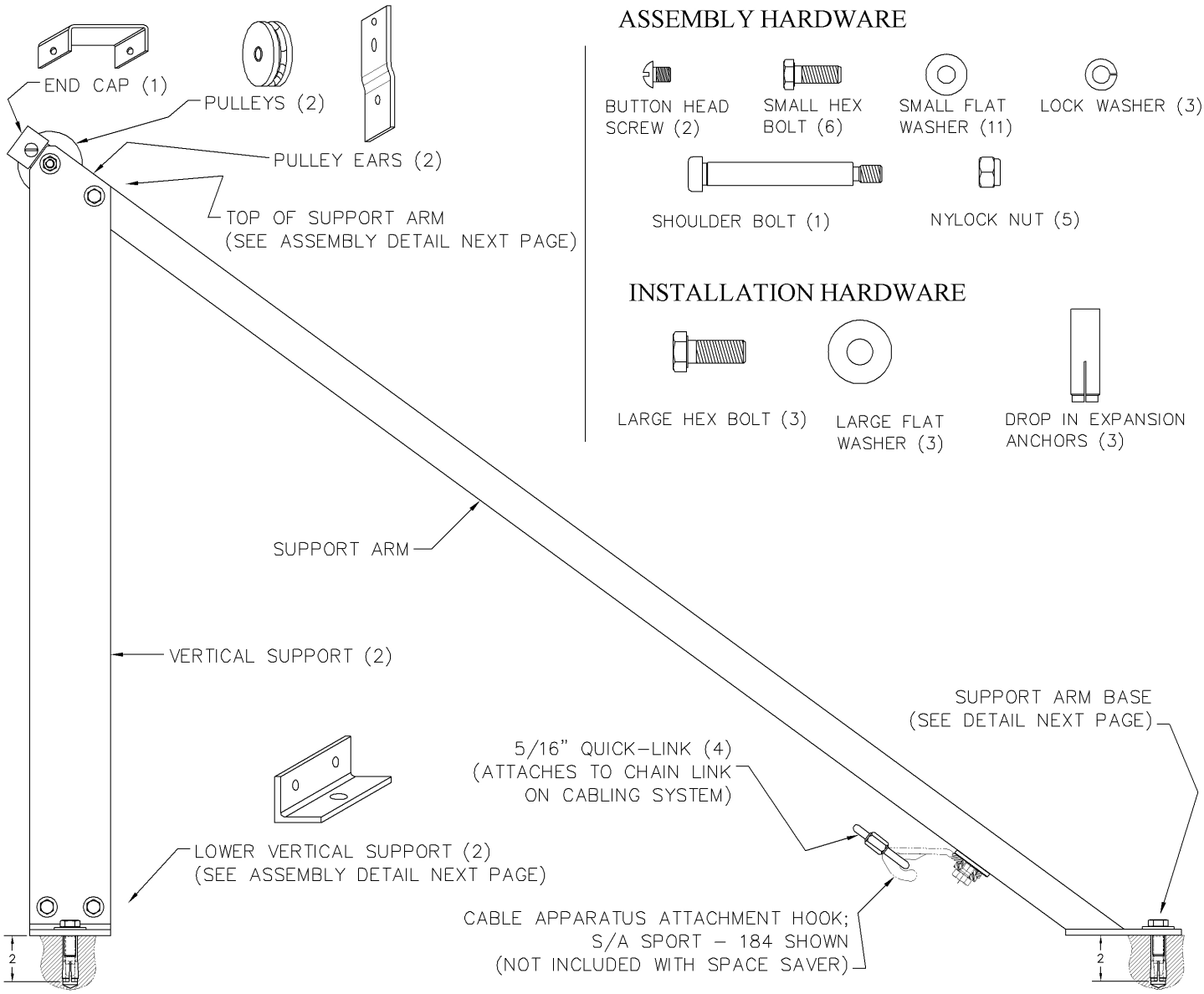
SECTION I **PRE-ASSEMBLY**

Pre-Assembly Preparations

You have received a shipping carton which contains a set of four (4) **124 Space Maximizer** packed with hardware as shown below. Quantities indicated are for a single Space Maximizer. You will have to supply the cables and 4 cable attachment sockets. (S/A SPORT PN#184)

Tools required to assemble the **124 Space Maximizer**:

- Measuring Tape & Marking Pencil
- Two $^{9}/_{16}$" Wrenches ¾"
- One ¾" Wrench
- Slotted Screw Driver
- ¼" Allen Wrench
- Hammer Drill & $^{5}/_{8}$" diameter carbide tipped concrete drill bit
- Drop-in Expansion Anchor Setting Tool

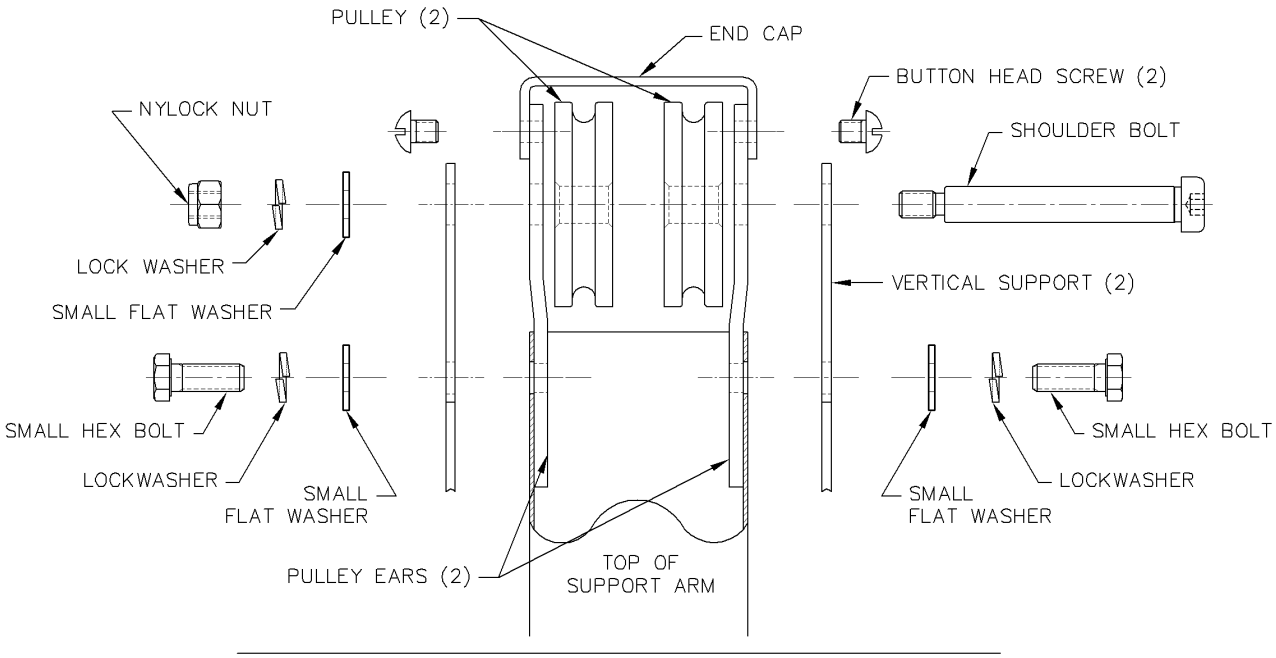


SECTION II ASSEMBLY

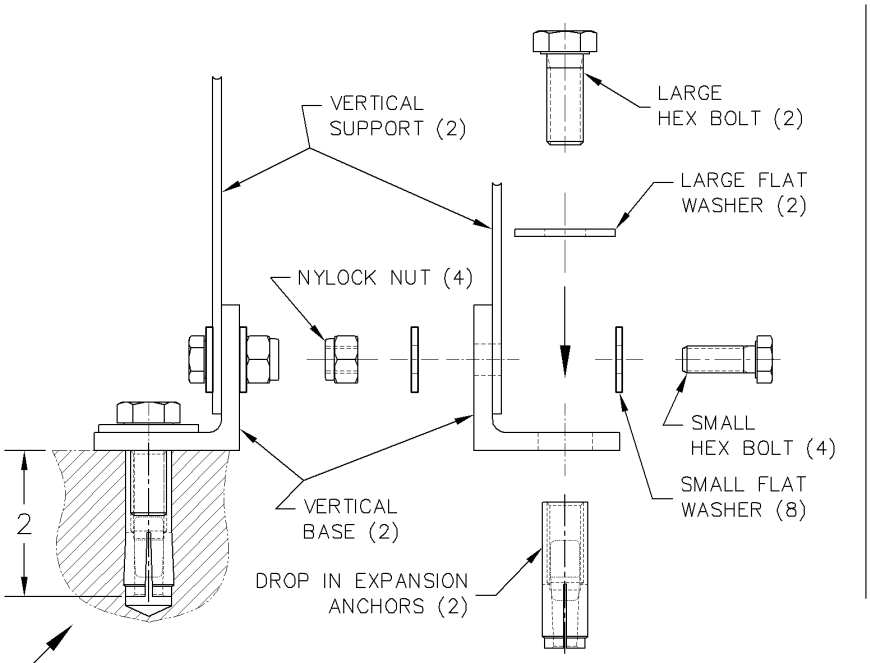
Assembly Instructions

1. Pre-assemble each of the Space Maximizers, as shown below, so that they will be ready for fastening to the floor. Do not install Attachment Cables to the Space Maximizers at this time!
2. Determine where the apparatus is to be located, the next step is to lay out and anchor down the Space Maximizers.

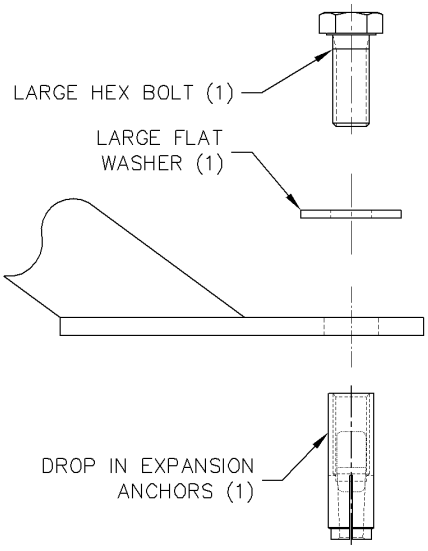
TOP OF SUPPORT ARM ASSEMBLY



LOWER VERTICAL SUPPORT ASSEMBLY



SUPPORT ARM BASE ATTACHMENT



PLEASE REFER TO SECTION III FOR INSTRUCTIONS ON PROPERLY DRILLING AND SETTING CONCRETE ANCHORS TO ENSURE THE SAFETY OF THE SYSTEM.

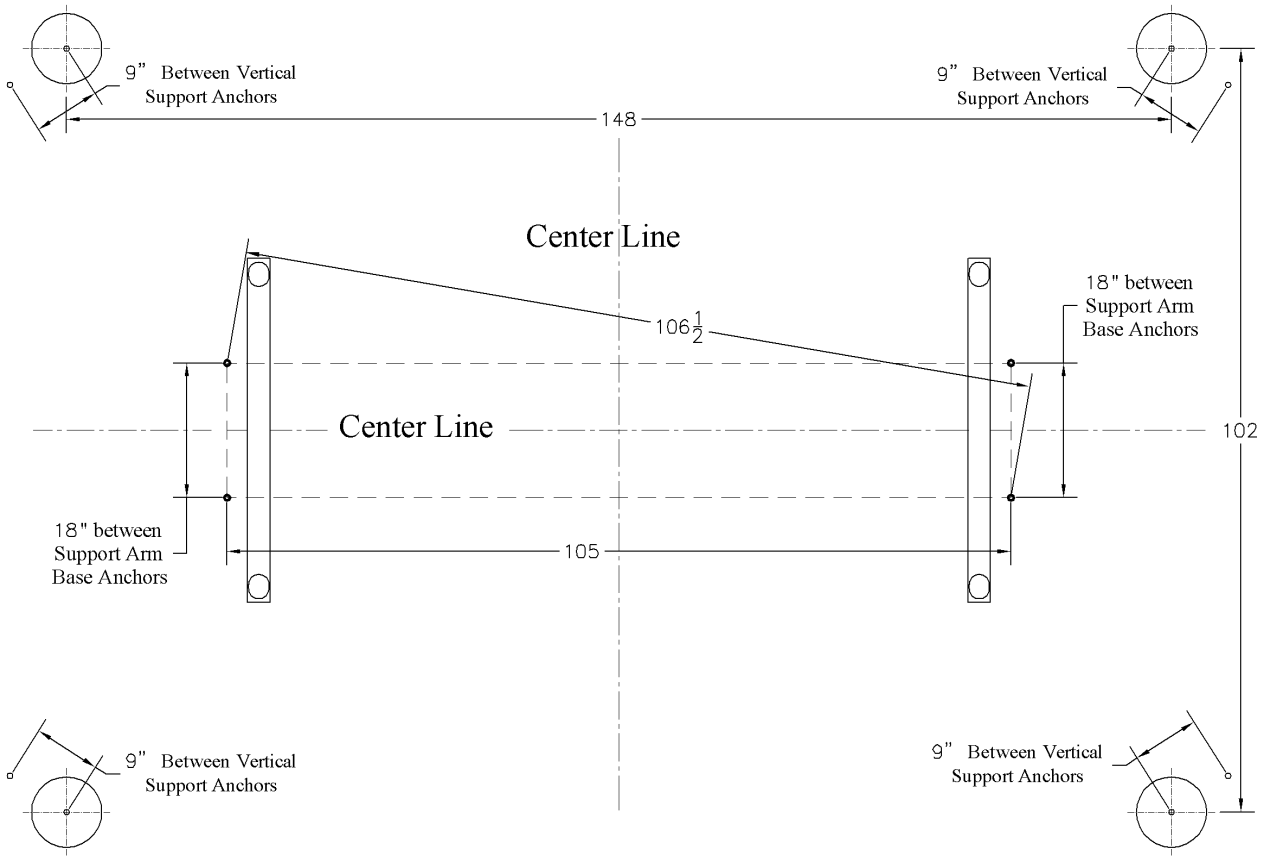
Layout & Installation

1. Determine the center of the apparatus, then draw a rectangle 18” x 105” centered to the location where the bases are to be placed. (Diagonal measurement is 106 ½ inches)

2. Install the Drop-in Anchors for the Support Arm Base at each corner of this box (18” x 105”) as detailed in Section III. Once the drop-in Anchors are installed and set correctly, loosely fasten the support arm base of the 4 Space Maximizer arms at each corner of the drawn box.

Note: As the step of locking or setting the anchors is critical, ensure that it is done correctly.

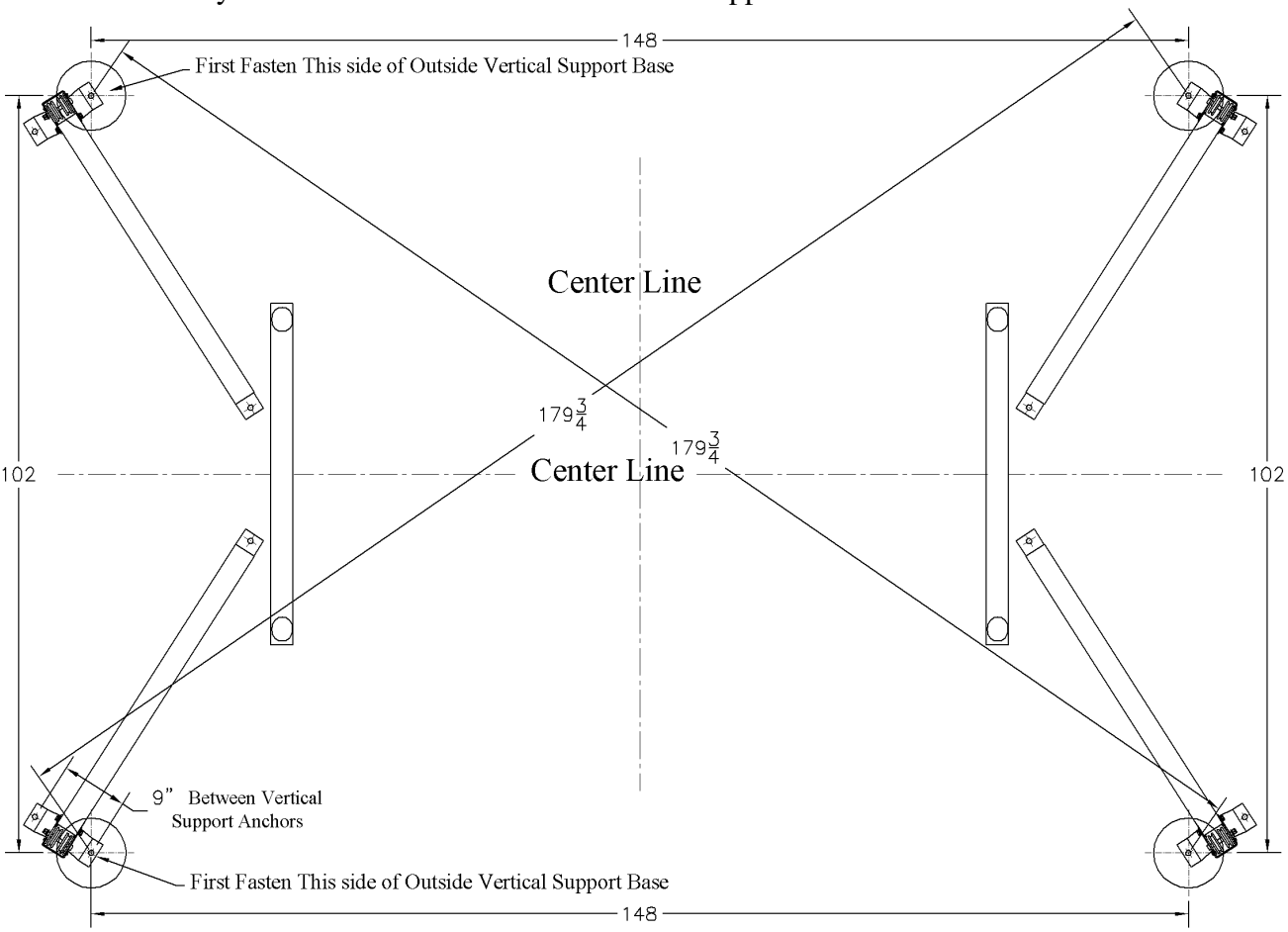
3. Next, swing the Space Maximizers into their approximate positions.



4. Then locate the outside Vertical Support Base holes on each Space Maximizer. They are shown in the diagram above as a circle with “cross hairs”.

5. Position the outside Vertical Support Base holes so that they are of equal distance to each other, creating a box which measures 102” x 148” inches with a diagonal distance of 179 ¾ inches (also see the diagram on the next page).

6. Mark this location through the outside Vertical Support Base hole. Install a drop-in anchor and fasten only the one side of the Outside Vertical Support Base.



7. Now proceed to install the second anchor of the Vertical Support Base approximately 9 inches away from the inside base. Pulling on the Vertical Support outward to the 9" point, mark a location through the base hole to ensure that it will line up. Repeat on all 4 bases.

Note: Ensure that all Fasteners have been tightened on the Space Maximizers as well as the 3 Anchor Bolts on each of the 4 Space Maximizers.

Mounting the Cable system

1. Remove the end caps on each Space Maximizer. Install the appropriate cable attachment mechanism for the cable system you are using. If turnbuckles are used ensure that they are installed to allow for adjustment.
2. Install the apparatus (Uneven or High Bars) as per manufacturer's procedures and place the cables over the 2 pulleys of the Space Maximizers. Ensure that the Cable Sliders are between the apparatus' Uprights and above the Maximizer Pulleys. Now install the end caps on all 4 Maximizers.
3. The supplied 5/16" quick-link is used to connect the chain link of the cabling system to the cable apparatus attachment hook (See page 3). After hooking up the cabling system, adjust and tighten so that the Uprights are vertical and parallel to each other.

SECTION III INSTALLING CONCRETE ANCHORS

Note: For equipment placement please refer to Section I & II (Pre-assembly & Assembly).

Tools Required (customer supplied):

- Tape measure
- Anchor setting tool or punch with a $^{5}/_{16}$" diameter & 1.5" long end
- $^{5}/_{8}$" diameter carbide tipped concrete drill bit
- Hammer drill
- ¾" or 19mm Socket, Extension and Ratchet
- Hammer
- Safety glasses

Note: Never place a floor anchor into a seam/crack, or an area within 9" from a seam/crack or outside edge of the concrete floor

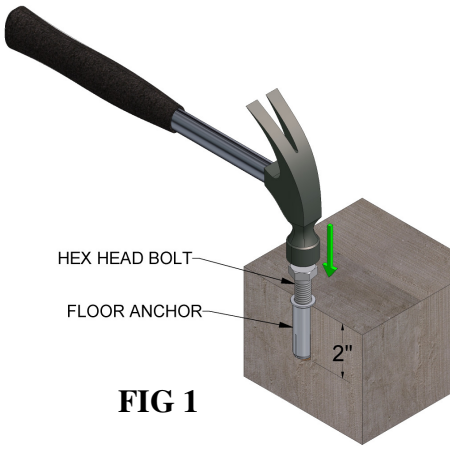


FIG 1

1. With the $^{5}/_{8}$" carbide drill bit installed in the Hammer drill, drill a hole into the concrete to 2 inches ($+^{1}/_{8}$") deep.

2. Use a shop vacuum or turkey baster to remove all dust and concrete chips out of the holes. Ensure the hole depth is at least 2 inches $+^{1}/_{8}$".

3. Turn a hex head bolt 3 full turns into a floor anchor, and insert it into the drilled hole (FIG 1).

4. Use the hammer to tap the top of the bolt until the floor anchor is flush with or just below the top of the concrete (FIG 1).

5. Remove the hex head bolt, proceed to set the anchor and lock it in place!

The step of locking or setting the anchors is critical; ensure that it is done correctly (FIG 2)!

6. Using a punch or setting tool (customer supplied), set the floor anchor by striking the plunger in the center of the floor anchor. Strike the setting tool or punch with a hammer repeatedly, to expand the anchor in the hole (FIG 2).

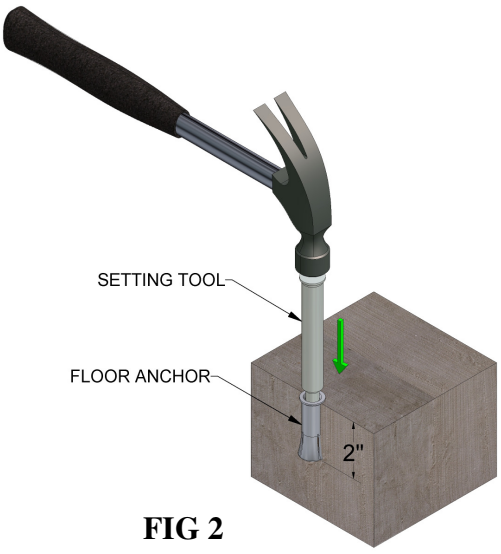


FIG 2

SECTION IV 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.

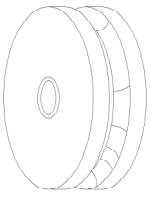
5. **Always inspect this equipment for proper stability before each use**.

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**.

SECTION V SPARE PARTS

Pulley



Part #124-76