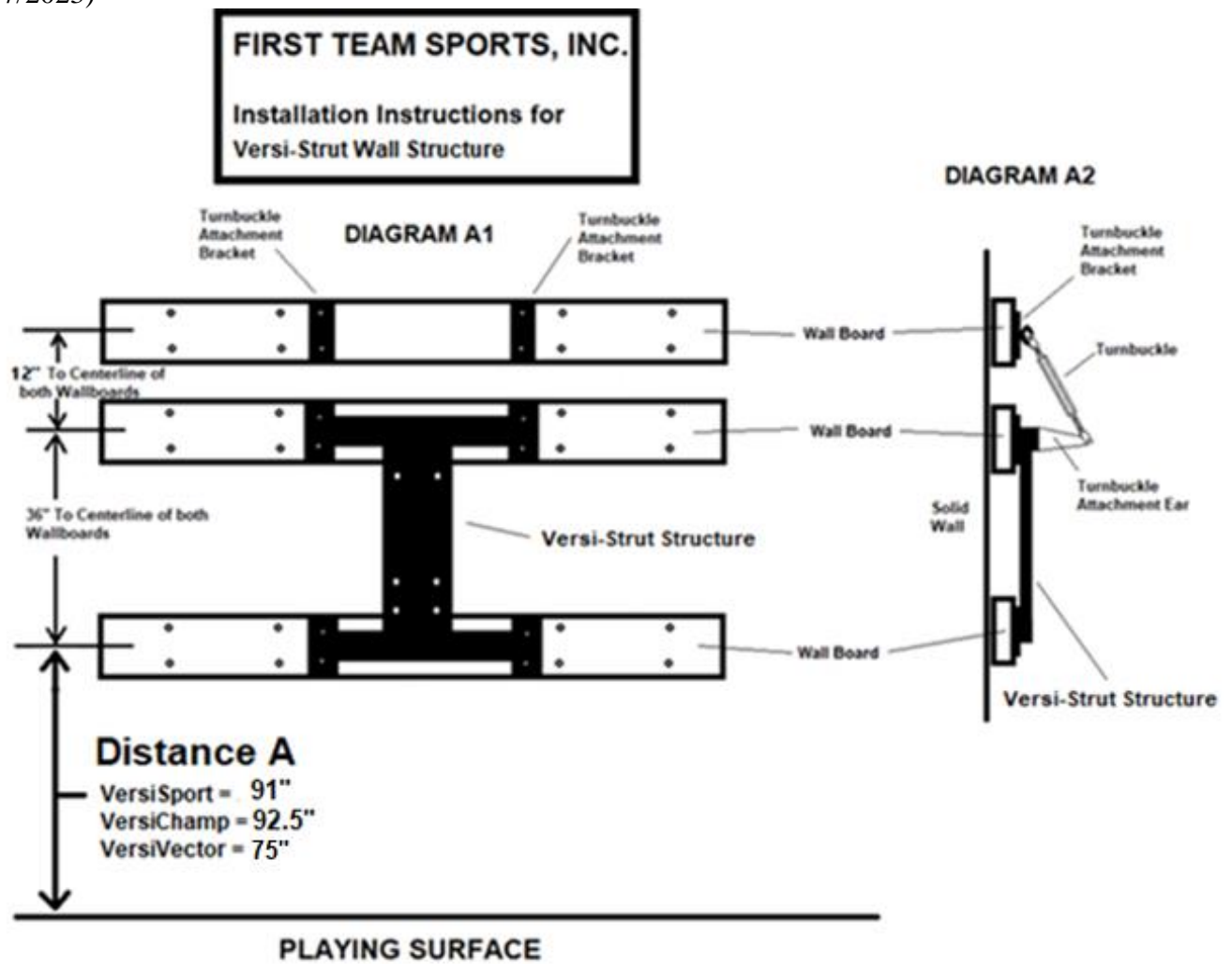


(07/2023)



### Bill of Materials

A (1) Versi-Strut Structure	H (16) 3/8" Hex Nut
B (3) 2"x8"x84" Wall Board	I (4) 3/8" x 1" Hex Bolt
C (2) Turnbuckle Bracket	J (6) 1/2" x 1 1/2" Carriage Bolt
D (2) Turnbuckle	K (6) 1/2" Flat Washer
E (12) 3/8" x 2 1/2" Elevator Bolt	L (6) 1/2" Lock Washer
F (16) 3/8" Flat Washer	M (6) 1/2" Hex Nut
G (16) 3/8" Lock Washer	N (2) Turnbuckle Attachment Ear

# **WARNING!! WARNING!! WARNING!!**

**Wall mount structures require a minimum ceiling and wall height as well as an acceptable wall mounting surface. Solid Block, or Poured Concrete walls are superior. It is inadvisable to mount structures to walls with wood or steel studs unless additional work approved by an engineer is done to provide additional support. First Team does not provide wall anchors with any structure. The purchaser assumes liability for the installation of any wall mounting structure. Consult a professional architect, engineer, or contractor to determine safe methods of installation to your facility's wall construction. SEVERE INJURY OR DEATH MAY OCCUR IF UNIT IS INSTALLED IMPROPERLY OR INSTALLED ON A WALL THAT IS INADEQUATE TO SUPPORT THE WEIGHT OF THE UNIT AND ANY ADDED WEIGHT FROM PLAYER(S) HANGING ON THE STRUCTURE.**

**All assembly materials are supplied except hardware to attach the wall boards to the customer's wall. Attachment method and type of anchor used are the responsibility of the installer. SEVERE INJURY OR DEATH MAY RESULT FROM FAILURE TO SELECT A PROPER ANCHORING SYSTEM GIVEN THE CONSTRUCTION & CONDITION OF THE WALL OR IMPROPER USE OF THE PROPER ANCHORING SYSTEM!!**

1. Inspect all contents prior to installation. Report any missing parts immediately to First Team at 1-888-884-6677.

Read all instructions before proceeding

2. Using Diagram A1, determine the appropriate pre-drilled holes on the 2" x 8" wall boards in which to install the fanged elevator bolts. (For all Versi-Strut application you will install the fanged elevator bolts in the hole set that has a 35" spacing from hole center to hole center. These are the center most holes on the wallboard) Using a hammer, install the fanged elevator bolts into the back of each wall board in the appropriate holes. **NOTE: The additional holes drilled in the wallboards are intended for use with other wall mount products. Ignore these holes, they are not meant to be used as wall attachment locations for the wallboards. You will drill your own holes in the wallboards at appropriate locations to attach wallboards to your wall later in the installation.**

3. Mount the two chain eye brackets to the top wall board using 3/8" flat washers, lock washers, and hex nuts. This wall board assembly will be mounted in the top position on the wall later in the installation.

4. Mark the center line of the court on the wall. Fasten the 3 wall boards to the wall at the heights for your specific Versi-Strut package (VersiSport, VersiChamp or VersiVector) indicated on Diagram A1. Make certain the wall boards are centered with the center line of the court. Drill holes in wall boards according to the position and type of wall anchor chosen. **NOTE: Anchor each wall board in no less than four places. If the wall is masonry (Brick over solid block), solid block, or poured concrete and it's possible to drill through the wall and you have access to the other side of the wall it is strongly recommended that the installer bolts through the wall using 1/2" bolts.**

## **WARNING!!**

**SEVERE INJURY OR DEATH MAY RESULT FROM FAILURE TO SELECT A PROPER ANCHORING SYSTEM GIVEN THE CONSTRUCTION AND CONDITION OF THE WALL OR THE IMPROPER USE OF THE PROPER ANCHORING SYSTEM!!**

5. Attach a turnbuckle to each Turnbuckle Bracket as shown in Diagram A2.

6. Using (8) 3/8" Flat Washer, (8) 3/8" Lock Washer and (8) 3/8" Hex Nuts, secure the Versi-Strut bracket to the Elevator Bolts installed on the lower and center Wallboards as shown in Diagrams A1 & A2. NOTE: The top of the Versi-Strut is the end with just TWO rectangular slotted holes in the vertical channel. The end with FOUR rectangular slotted holes goes to the bottom. (see diagram A1)
7. Using (4) 3/8" Hex Bolts, (4) 3/8" Lock Washers and (4) 3/8" Hex Nuts, secure both Turnbuckle Attachment Ears to the holes provided on the left and right sides of the top horizontal channel of the Versi-Strut Structure.
8. To complete this step it is important to make certain that the turnbuckles attached to the top wall board have been unscrewed far enough to provide an adequate amount of adjustment when tightened. Next, attach the turnbuckles to each respective Turnbuckle Attachment Ear you just installed in the previous step. (see Diagram A2) Then, adjust the turnbuckles until the Turnbuckles are snug. Do not overtighten the Turnbuckles.
8. Unpack the extension arm system provided with your basketball package (SPORT, CHAMP or VECTOR).
9. Refer to the assembly instructions included in the extension arm box. For SPORT locate part B. For CHAMP locate part D. For VECTOR locate the part called "Extension Arm Support Channel."
10. Attach your respective part for SPORT, CHAMP or VECTOR to the front face of the Versi-Strut bracket by inserting (1) 1/2" x 1 1/2" Carriage bolt into each of the rectangular slotted holes from the BACK SIDE of the Versi-Strut vertical channel and securing at four places (SPORT & CHAMP) or six places (VECTOR). Loosely secure the part using a 1/2" Flat Washer, 1/2" Lock Washer and 1/2" Hex Nut on each carriage bolt. NOTE: The threaded end of each Carriage Bolt should be pointed forward, toward the basketball court.
11. Using a carpenter's level, make sure the extension arm/support is level left to right. Then tighten all Carriage Bolts using a 3/4" socket or wrench.
12. Continue following the assembly instructions included with your extension arm assembly.
13. **Do not allow play until you are confident the structure is adequately mounted to the wall for safe use!**

**ATTENTION!!!**  
**WALL MOUNTED STRUCTURES SHOULD BE CHECKED**  
**REGULARLY FOR LOOSE BOLTS OR**  
**ANCHORS!**