

## **Bill of Materials**

A (4) Extension Arm

B (3) 2"x8"x84" Wall Board

C (2) Eye Bracket

D (2) Turnbuckle

E (12) 3/8" x 2 1/2" Elevator Bolt

F (20) 3/8" Flat Washer

G (20) 3/8" Lock Washer

H (12) 3/8" Hex Nut

I (8) 3/8" x 1 1/4" Hex Bolt

## 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 B, determine the appropriate pre-drilled holes on the 2" x 8" wall boards in which to install the fanged elevator bolts. (This determination is based upon the backboard that will be attached to the wall structure) Using a hammer, install the fanged elevator bolts into the back of each wall board in the appropriate holes.
- 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.
- 4. Mark the center line of the court on the wall. Fasten the 3 wall boards to the wall at the heights for your backboard indicated on diagram C. 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 block), 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.

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5. Attach a turnbuckle to each chain eye bracket as shown in Diagram A.

- 6. Attach two extension arms to the middle wall board using 3/8" flat washers, lock washers, and hex nuts. ATTN: Make certain you bolt the extension arms RIGHT SIDE UP. When properly mounted, the welded tab on each extension arm will be on the TOP side.
- 7. 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 the welded tab ears on the two extension arms (see Diagram A) Then, using a level on the extension arms, adjust the turnbuckles until the arms are level in all directions.
- 8. Attach two extension arms to the lower wall board as outlined in step #6.

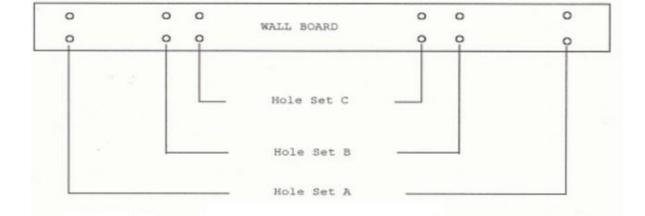
#### **CAUTION!**

# FAILURE TO HAVE ALL MOUNTING PLATES IN THE SAME PLANE WILL CREATE STRESS ON THE BACKBOARD AND MAY RESULT IN BREAKAGE OF GLASS BACKBOARDS BEFORE, DURING OR AFTER PLAY.

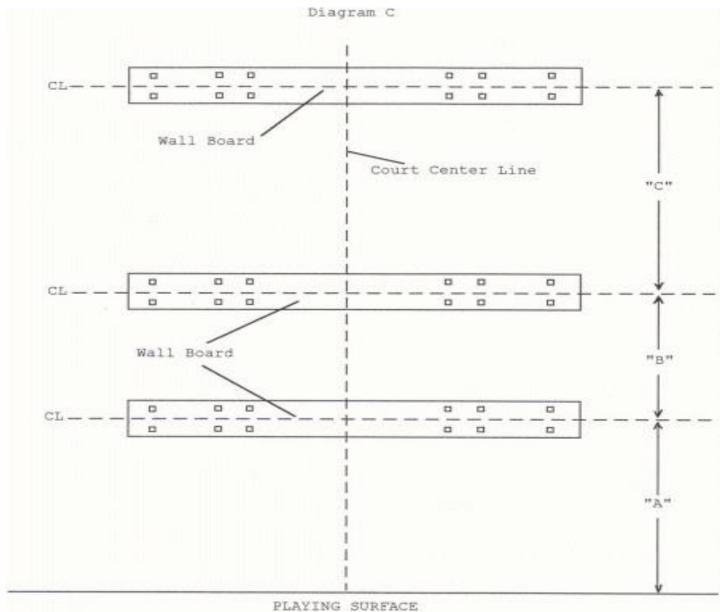
- 9. Mount backboard to structure using mounting hardware provided with the backboard. If no mounting hardware is included with your particular backboard, use the extra 3/8" x 1 1/4" hex bolts, flat washers, and lock washers supplied with this structure. Note: if you purchased an FT275 or FT280 fiberglass backboard you may need to remove the plastic plugs inserted in the attachment holes before attaching board to structure.
- 10. Mount rim and net ensuring that rim is level and at 10' above playing surface. Use installation instructions and hardware supplied in the rim box.
- 11. Check to ensure that all bolts are tight.
- 12. Install backboard padding if applicable.
- 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!

# **DIAGRAM B**



| HOLE SET | BACKBOARD MODELS                                     |
|----------|--|
| A        | FT234, FT235, FT236, FT265B, FT280                   |
| В        | FT231  |
| С        | FT220H, FT222H, FT225H, FT230H, FT233, FT260B, FT275 |



## Diagram C cont'd

| Distance: Wall to face of Backboard                  | Dimension "C"                      |  |  |
|--|------------------------------------|--|--|
| 12"  | 16"                                |  |  |
| First Team Backboard Models                          | Dimension "B"                      |  |  |
| FT234, FT235, FT265B, FT280                          | 36" +/- 1/4"                       |  |  |
| FT236  | 42" +/- 1/4"                       |  |  |
| FT231  | 34" +/- 1/4"                       |  |  |
| FT220H, FT222H, FT225H, FT230H, FT233, FT260B, FT275 | 20" +/- 1/4"                       |  |  |
| First Team Backboard Models                          | Dimension "A" from playing surface |  |  |
| FT234, FT235, FT265B, FT280                          | 9' 9" +/- 1/4"                     |  |  |
| FT236  | 9' 3" +/- 1/4"                     |  |  |
| FT231  | 9' 8" +/- 1/4"                     |  |  |
| FT220H, FT222H, FT225H, FT230H, FT233, FT260B, FT275 | 10' 2" +/- 1/4"                    |  |  |