FIRST TEAM SPORTS, INC. ALL STAR SERIES

4 1/2" FOOTBALL GOALPOST





Bill of Materials (for one football goal)

(1) Gooseneck Goalpost	(4) 5/8" Hex Nut
(1) Nosecone	(1) ½"x 1 ½" Hex Bolt
(1) Crossbar	(4) ½" x 3" Hex Bolt
(2) 1/2"x 4 1/2" Round U-Bolt	(6) ½" x 5 ½" Hex Bolt
(2) Elbow	(12) ¹ / ₂ " Lockwasher
(2) 20' Upright	(12) ½" Hex Nut
(2) Upright Cap	(2) 5/16" x 1" Eyebolt
(2) Wind Direction Streamer	(4) 5/16" Flatwasher
(4) 5/8"x 6 1/2" Hex Bolt	(2) 5/16" Lockwasher
(4) 5/8" Flatwasher	(2) 5/16" Hex Nut
(4) 5/8" Lockwasher	(2) 5/16" Spring Hook (Caribineer Clip)



1. Unpack all materials and inspect. Please report any shortages immediately to customer service at 1-800-649-3688.

2. Locate and dig a 36" wide X 60" deep hole. When locating where to dig, keep in mind that the distance from the front of the vertical post to the front of the crossbar is variable from 6' 0" to 6' 6".

3. Fill the bottom of the hole with 12" of crushed rock.

4. Insert goalpost into hole so that the bottom of the horizontal extension is 115.5" above the playing surface. See Figure A.

5. Brace vertical post so it is straight and plumb <u>side to side</u> and <u>front to back</u>. Fill the hole to 6" below top of hole with 3000# psi concrete. Smooth top of footing with a trowel creating a slight crown to help drain water away from post.

STOP!!!! STOP!!!! STOP!!!!

Allow concrete to cure for a minimum of seven days before proceeding with assembly!

6. Backfill hole level with playing surface covering the top of footing.

7. Slide NOSECONE <u>all the way</u> onto the neck of the GOALPOST keeping in mind that the top of the NOSECONE is the side with the large triangular gussets. (gussets should be on top)

8. Temporarily secure NOSECONE to GOALPOST using a $\frac{1}{2}$ " x 1 $\frac{1}{2}$ " hex bolt threaded in to the welded nut on the top side of the NOSECONE body. Tighten hex bolt until NOSECONE is secure enough not to rotate around the neck of the GOALPOST.

9. Locate the CROSSBAR.

Lift the CROSSBAR into position on the NOSECONE lining up the four holes drilled in the center of the CROSSBAR with the four holes punched in the faceplate on the NOSECONE. Use (4) 5/8" x 6 ½" hex bolts, flatwashers and lockwashers and hex nuts to secure the CROSSBAR in place. SEE FIGURES A & B. (Bolts should be inserted so the threads of the bolts are protruding out the back side of the CROSSBAR)

11. Next, loosen the ½" hex bolt that is holding the NOSECONE in place and **CAREFULLY** slide the NOSECONE/CROSSBAR to the desired distance. **DO NOT** allow NOSECONE to slide off the end of GOALPOST neck!! The unit is designed to allow a maximum distance of 6' 6" from the front of the post to the front of the CROSSBAR!

12. Place a level across the top of the CROSSBAR. Level NOSECONE/CROSSBAR and re-tighten the ¹/₂" hex bolt on the top of the NOSECONE.

13. Using a drill and a ½" drill bit, drill a ½" hole thru the GOALPOST neck using the thru-bolt attachment holes in the NOSECONE as a guide. TO INCREASE STABILITY, USE THE TWO AVAILABLE HOLES CLOSEST TO THE CROSSBAR. If your NOSECONE is extended out the very front most hole may not be an option because it is past the front of the GOALPOST neck. SEE FIGURE A.

14. Secure NOSECONE permanently in place using (2) $\frac{1}{2}$ " x 5 $\frac{1}{2}$ " hex bolts, (2) $\frac{1}{2}$ " lockwasher and (2) $\frac{1}{2}$ " hex nuts.

18. Locate (2) ELBOW. SEE FIGURE B.

19. Slide one ELBOW onto each end of the CROSSBAR.

20. Put a level on the vertical tube extending up from the ELBOW. Rotate each ELBOW forward or back until level. (SEE FIGURE C) TIP: When the ELBOW is level it may be helpful in completing the next step to use a magic marker to make a small reference mark on the ELBOW and the CROSSBAR showing level.



21. Using a drill and $\frac{1}{2}$ " drill bit, drill a hole through the front and back of the CROSSBAR using the predrilled guide holes provided in the ELBOW as reference. MAKE SURE ELBOW DOES NOT ROTATE DURING DRILLING. It may be advisable to use a $\frac{1}{2}$ " center punch to aid in drilling. Once you have drilled CROSSBAR front and back immediately insert (1) $\frac{1}{2}$ " x 5 $\frac{1}{2}$ " hex bolt and secure with (1) $\frac{1}{2}$ " lockwasher and hex nut. Repeat this process for the other 3 holes in left and right ELBOW.

22. Loosen and remove the $\frac{1}{2}$ " bolts securing each ELBOW to the CROSSBAR. Rotate each ELBOW downward toward the ground.

23. Using (2) $\frac{1}{2}$ " x 3" hex bolt and (2) $\frac{1}{2}$ " lockwasher and (2) $\frac{1}{2}$ " hex nut, attach (1) UPRIGHT to the either ELBOW stem. NOTE: One end of the UPRIGHT has holes drilled all the way through the tubing, this is the end that should be attached to the ELBOW.

24. Locate (2) UPRIGHT CAP. Attach (1) 5/16"x 1" Eyebolt to the top of each UPRIGHT CAP using a 5/16" flatwasher, lockwasher and hex nut.

FIGURE C

25. Push (1) UPRIGHT CAP into the top of each UPRIGHT, then attach (1) WIND DIRECTION STREAMER to each eyebolt using (1) 5/16" spring hook.

26. Rotate ELBOW/UPRIGHTS back to a vertical position and replace ½" hardware securing ELBOW/UPRIGHTS in playing position.

27. Check over unit to make sure all is square and level. Check all hardware to make sure everything is snug and tight.

CONGRATULATIONS!! ASSEMBLY OF YOUR ALL-STAR FOOTBALL GOALPOST IS COMPLETE!!

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