

# Installation Instructions

1. Determine where you want to put your basketball unit and mark a spot for center of your ground insert. Be sure to keep this center mark at least 10" back from edge of playing surface. Keep in mind that your backboard will be 34" in front of that center mark. (FIGURE 1) Pros Tip: Check your side & front shots by standing where your side shots will be.
2. Dig hole approximately 18" x 18" square and 32" deep. (FIGURE 2) NOTE: If you are using an extra large insert, dig your hole approximately 18" x 18" square and 51" deep.
3. Place insert in hole with threaded ends up. (FIGURE 3)
4. From this point on, there are three things you must pay attention to and maintain before, during and after you pour the concrete. They are:
  - a. Keep Insert Square.

The face of the backboard will be parallel with the two (2) front bolts of the insert. Remember to turn the insert in the direction you would like the backboard to face. (FIGURE 3) Pros Tip: It may be easier to place a straight edge up against the two front bolts to see the direction of the board more precisely.
  - b. Keep Insert Level.

Place level on the top of insert bolts. Do this side to side, and front to back, keep level both ways. (FIGURE 4)
  - c. Keep Correct Height.

This can be done by placing a long level or straight edge on two side bolts and extending over playing surface. The height of the bolts should be 5" above playing surface and the nut height should be 2 1/4" above the playing surface (FIGURE 5).

\*\*\*CAST ALUMINUM WITH ULTIMATE RIM Keep the bolt height 5" above the playing surface and the nut height at 1 1/4" above the playing surface.

\*\*\*ADJUSTABLE POLE The nut height doesn't matter, because the height adjustment will be made with the adjustable arm of the adjustable unit. However, the bolt height should still be kept at 5" above the playing surface to ensure the cover box will fit properly.
5. Mix & pour concrete (FIGURE 7)(6-8, 80lb. bags for standard insert or 8-10 80lb. bags for extra large insert) into hole leaving 5" of insert bolt exposed. Pros Tip: Cover threaded ends of insert to protect threads from the concrete (FIGURE 6). A form may be required to contain concrete for applications where the playing surface is higher than the ground. Be sure to check level and insert alignment between each pour. (FIGURE 4)(Do not attempt to pour concrete during freezing or rainy weather)
6. Recheck steps 4a, 4b and 4c.
7. Once you are certain insert is properly aligned, cover concrete and let it set up for four days. Pros Tip: You can use the old empty cement bags to cover the insert. (FIGURE 8) Do not put heavy objects on top of the insert cover as the weight will move the insert before the concrete dries.
8. After four days you are ready to assemble and erect the basketball unit.
9. Mount backboard, rim and net to post before erecting. Tighten all bolts. (FIGURE 9) Put four nuts on the insert with washers on top. Pros Tip: Now is when the 2 1/4" measurement from the playing surface to the top of the bottom nuts is easiest to achieve.
10. Erect your unit. (WARNING: DO NOT ATTEMPT WITHOUT HELP OF AT LEAST TWO OTHER PEOPLE.)
11. Set the front of the base plate on the front two insert bolts. (FIGURE 10) You can now erect unit in a flag pole standing fashion using front bolts as a pivot point. Be sure the unit will be facing the correct direction once it is stood up. There should be a man on the upper and one on lower sections of the pole while erecting. (FIGURE 11). There should also be an extra man to put the nuts on the rear bolts once pole is erected. WARNING: YOUR POLE IS VERY AWKWARD TO HANDLE WHILE ERECTING. EXTREME CAUTION SHOULD BE TAKEN, AS THE UNIT IS VERY TOP HEAVY.
12. Obtain final height and level by adjusting eight nuts on insert as needed. (FIGURE 12) Tighten all nuts when adjustment is completed.
13. Remove (4) screws holding one side of the cover box and slide it over the bottom of the pole. Replace the cover box screws. (FIGURE 13)

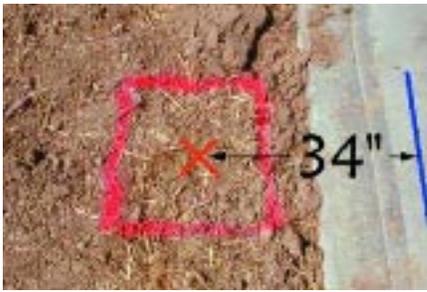


Figure 1  
Mark Your Spot



Figure 2  
Dig Your Hole



Figure 3  
Align Your Insert



Figure 4  
Level Your Insert



Figure 5  
Measure Insert Depth



Figure 6  
Cap The Insert Threads



Figure 7  
Pour The Concrete



Figure 8  
Cover The Insert



Figure 9  
Assemble The Backboard & Rim



Figure 10  
Start The Stand Up



Figure 11  
Stand Up The Unit



Figure 12  
Adjust The Insert Nuts



Figure 13  
Install Cover Box

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