

TOOLS AND MATERIALS REQUIRED FOR ASSEMBLY
(Not Included)

- | | |
|--------------------------|---|
| 1. 2 Adjustable Wrenches | 10. Concrete-1/2 yard or 14-16
Bags, (80 lb. bags) |
| 2. Socket Set | 11. Phillips Head Screwdriver |
| 3. 9/16" Wrench | 12. Electric Drill |
| 4. 3/4" Wrench | 13. Carpenter's Level |
| 5. 15/16" Wrench | 14. A minimum of 2 Ladders |
| 6. 1/2" Wrench | 15. Water Supply |
| 7. Hammer or Mallet | 16. Degreaser |
| 8. Tape Measure | 17. 1/4" Drill Bit |
| 9. Shovel | |

**** A MINIMUM OF SIX ADULTS IS
REQUIRED TO LIFT UNIT INTO PLACE ****



BEFORE YOU START



- Identify and inventory all parts using the checklist boxes in the parts list. Be sure to keep the hardware bags and their contents separate. If any parts are missing call our Customer Service Department (888-662-2233).
- Test fit all Bolts by inserting them into the respective hole. If necessary, carefully scrape away any excess powder coating buildup from inside the holes. Do not scrape away all of the powder coating. Bare metal may rust.



SAFETY INSTRUCTIONS



FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR PROPERTY DAMAGE AND WILL VOID THE WARRANTY. The owner must ensure that all players know and follow these rules to safely operate the system. Proper and complete assembly, use and supervision is essential for proper operation and to reduce the risk of accident or injury. A high probability of serious injury exists if this system is not installed, maintained, or operated properly.

- If using a ladder during assembly, use extreme caution. Follow all warnings and cautions on the ladder carefully.
- 6 people are required to lift the unit into place.
- Before digging, contact the appropriate agency to locate underground power cables, gas, and water lines. Do not install the system within 20 feet of overhead power lines.
- Climate, corrosion, or misuse could result in system failure.
- If technical assistance is required, contact the manufacturer.
- Minimum operational height is 7' 6" to the Rim. Most injuries are caused by misuse and/or failure to follow instructions. Use caution when using the system.



WARNING



BECAUSE OF THE SIZE AND WEIGHT OF THE SYSTEM, A MINIMUM OF THREE ADULTS ARE REQUIRED FOR THE FOLLOWING STEPS

STEP 1

- A. Slide a 16mm Thick Washer (Q) over each of the J-Bolts(N) as shown in FIGURE 1A.
- B. Place the Main Post(A) over the J-Bolts. Slide a 16mm Thick Washer(Q) and thread a 16mm Flange Nut(S) to each J-bolt. Tighten the Nuts only a few turns onto the J-Bolts as shown in FIGURE 1B.
- C. If the Main Post (A) is not exactly vertical, adjust the 16mm J-Bolt Hex Nuts(R) located under the Post base. Tighten all of the Flange Nuts(S) when Main Post(A) is vertical.

NOTE: Face the Main Post(A) with Actuator Bracket facing away from playing court(as shown in FIGURE 1C).

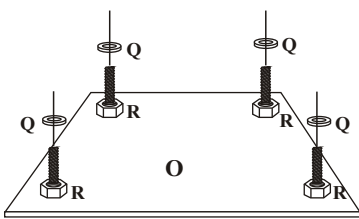


FIGURE 1A

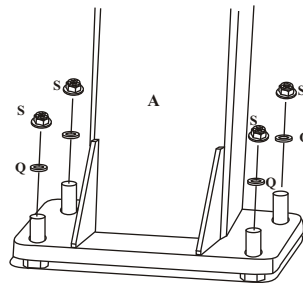


FIGURE 1B

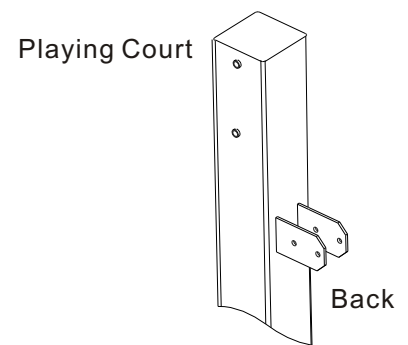
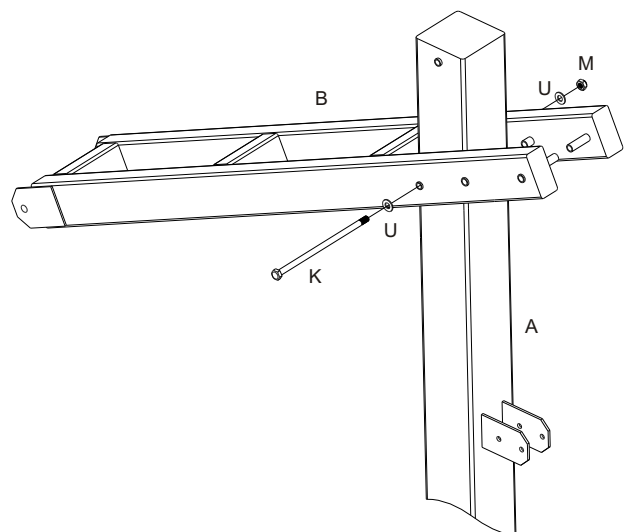


FIGURE 1C

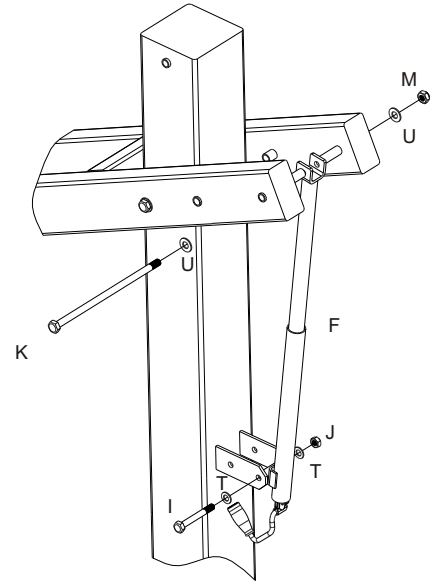
STEP 2

- A. Slide the Main Extension Arm(B) over the top of the Main Post(A) and attach to the lower pivot tube with a 16mm x 29cm Hex Bolt(K), two 16mm Flat Washers(U) and a 16mm Lock Nut(M).



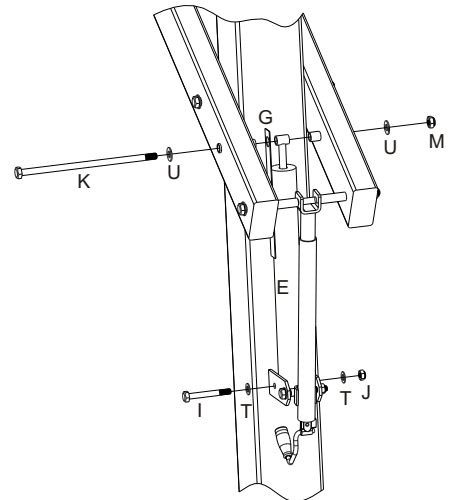
STEP 3

- A. Slide the Actuator(F) to the last set of welded tubes on the Main Extension Arm(B), Using a 16mm x 29cm Hex Bolt(K), two 16mm Flat Washers(U) and a 16mm Lock Nut(M) at the top. And using a 14mm x 12cm Hex Bolt(I), two 14mm Flat Washer(T) a 14mm Lock Nut(J) on bottom to tight the Actuator.



STEP 4

- A. Attach the Plastic Rim Height Indicator(G) and the Spring-assist Cartridge(E) to the second set of welded tubes on the Main Extension Arm(B) by using a 16mm x 29cm Hex Bolt(K), two 16mm Flat Washers(U) and a 16mm Lock Nut(M). The Plastic Rim Height Indicator(G) should hang freely along side the Spring-Assist Cartridge(E).
- B. Attach the bottom of Spring-assist Cartridge(E) to the welded Actuator Bracket by using a 14mm x 12cm Hex Bolt(I), two 14mm Flat Washers(T) and a 14mm Lock Nut(J).
- C. Remove and discard the blue plastic spreader tube from the Spring-Assist Cartridge(E).

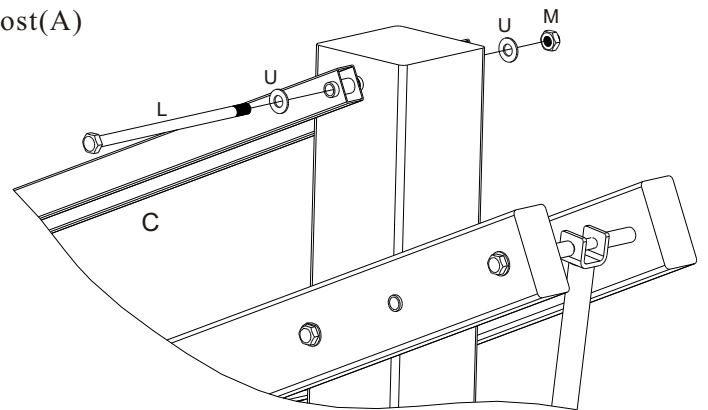


STEP 5

- A. Attach the 2 Upper Extension Arms(C) to Main Post(A) with a 16mm x 26cm Hex Bolt(L), two 16mm Flat Washers(U) and a 16mm Lock Nut(M).

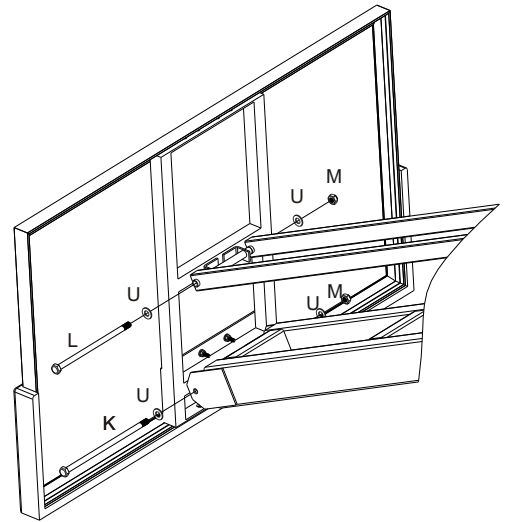
NOTE: It does not matter which end of the Upper Extension Arms you attach to the Main Post(A).

CAUTION: Injury may occur if Upper Extension Arms are allowed to fall off Main Extension Arm during assembly.

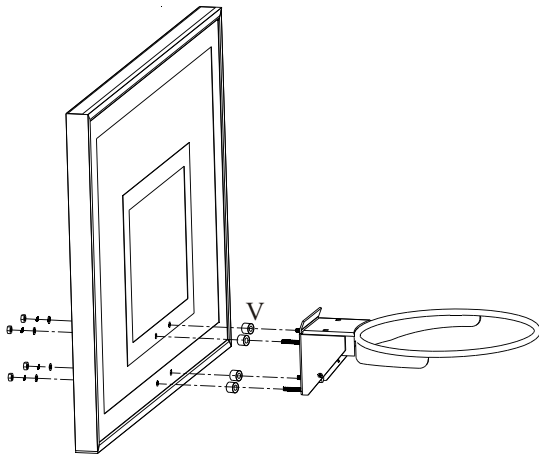


STEP 6

A. Attach the backboard to Main Extension Arm(B) by using a 16mm x 29cm Hex Bolt(K), two 16mm Flat Washers(U) and a 16mm Lock Nut(M). And then secure the Upper Extension Arm(C) to Backboard by using a 16mm x 26cm Hex Bolt(L), two 16mm Flat Washers(U) and a 16mm Lock Nut(M).



STEP 7



A. Insert the 4 Plastic and Steel Spacers(V) into the 4 holes on the backboard.

CAUTION: Do not proceed with rim installation without these spacers!

B. Mount the rim to the H-frame Backboard Mount(D) and Backboard Assembly using the hardware supplied in rim box.

NOTE: Use a level to make sure rim is level side to side before tightening nuts.

STEP 8

A. After everything is square, make sure all nuts on the system have been tightened.

NOTE: But do not over tighten the Nuts, make sure the unit can be adjusted up and down.

B. To apply the Rim Height Sticker(H), first use a tape measure to crank rim up to exactly 10' from the playing surface. Use a pencil to make a mark on the Spring-assist Cartridge(E) where the bottom of the Rim Height Indicator(G) stops. Then, peel and apply Rim Height Sticker(H) to outside of Spring-assist Cartridge(E) lining up the pencil mark with the 10' mark on the Rim Height Sticker(H).

C. Attach Post Pad and Gusset Pad to Main Post(A) as shown.

