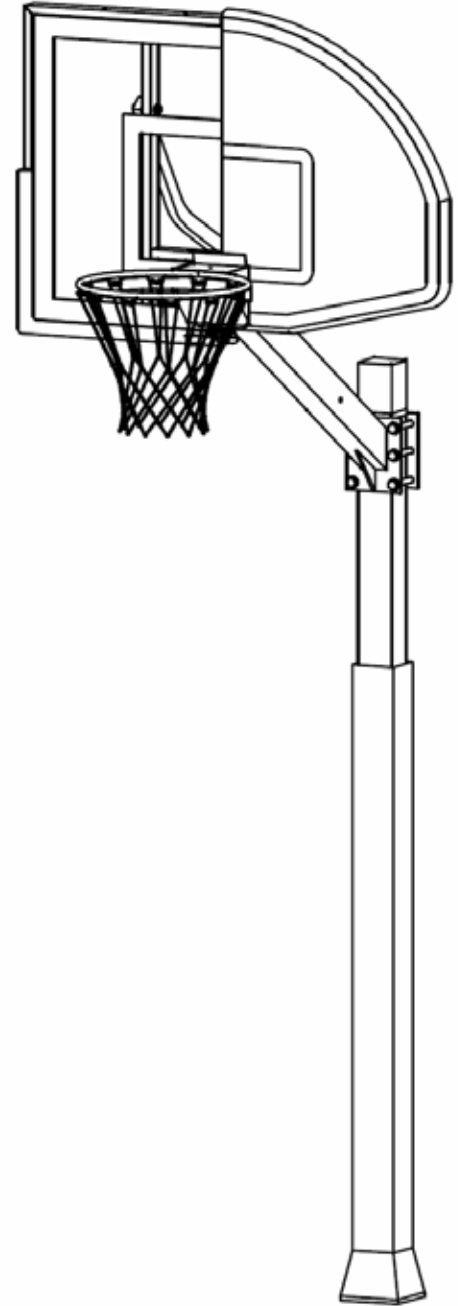


# FIXED HEIGHT BASKETBALL SYSTEM

**Item # 400-AC-FG  
400-FA-FG**

## **ASSEMBLING INSTRUCTIONS AND OWNER'S MANUAL**



### **WARNING**



FAILURE TO COMPLY WITH ANY OF THE WARNINGS IN THESE INSTRUCTIONS MAY RESULT IN SERIOUS PERSONAL INJURY.

FAILURE TO COMPLY MAY ALSO RESULT IN PROPERTY DAMAGE. PLEASE HEED ALL WARNINGS AND CAUTIONS TO ENSURE YOUR SAFETY.

DO NOT ATTEMPT TO ASSEMBLE THIS SYSTEM WITHOUT CAREFULLY READING AND FOLLOWING ALL INSTRUCTIONS. BEGIN BY IDENTIFYING AND TAKING INVENTORY OF ALL PARTS USING THE PARTS LIST PROVIDED.

Keep this instruction manual in case you have to contact the manufacturer for replacement parts.

**TOOLS AND MATERIALS REQUIRED FOR ASSEMBLY**  
(Not Included)

- |                          |   |
|--------------------------|---|
| 1. 2 Adjustable Wrenches | 10. Concrete-1/2 yard or 14-16<br>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\*\***

**STOP!**

**BEFORE YOU START**

**STOP!**

- A. Identify and inventory all parts using the checklist boxes in the parts list. Be sure to keep the hardware bags and their contents separate.
- B. 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.

Required For This Page:

Shovel, Concrete, Rebar and Tape Measure

**\*\*ONLY MINIMUM OF TWO ADULT IS REQUIRED FOR THE FOLLOWING STEPS\*\***

### STEP A

*NOTE: Before digging, call to locate any buried utility lines.*

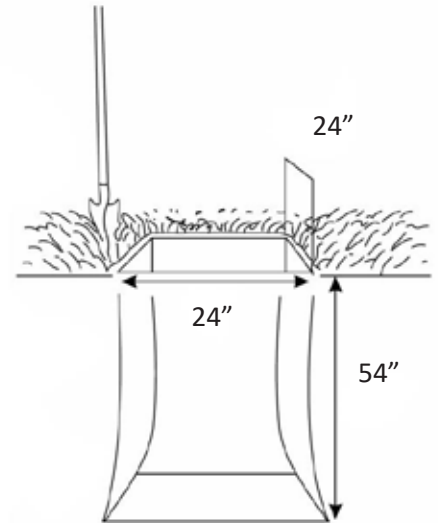
- Dig a hole 54" deep and 36"x 36" square. The edge of the hole should be flush with the edge of the playing surface. If you live in an area where heavy frost can occur, it may pose a problem, consult your local building inspector to determine the appropriate hole depth.

*NOTE: The hole must be at least 54" deep.*

- Build a form before pouring the concrete pad, to ensure that the top of the concrete remains straight and square. The form should be placed about 1/2" above the playing surface to allow for water drainage.
- Bell out the bottom of the hole. And place the foundation using crush stone, concrete pad or bricks that is 6 inches tall.

*NOTE: A square hole prevents the rotation of the concrete.*

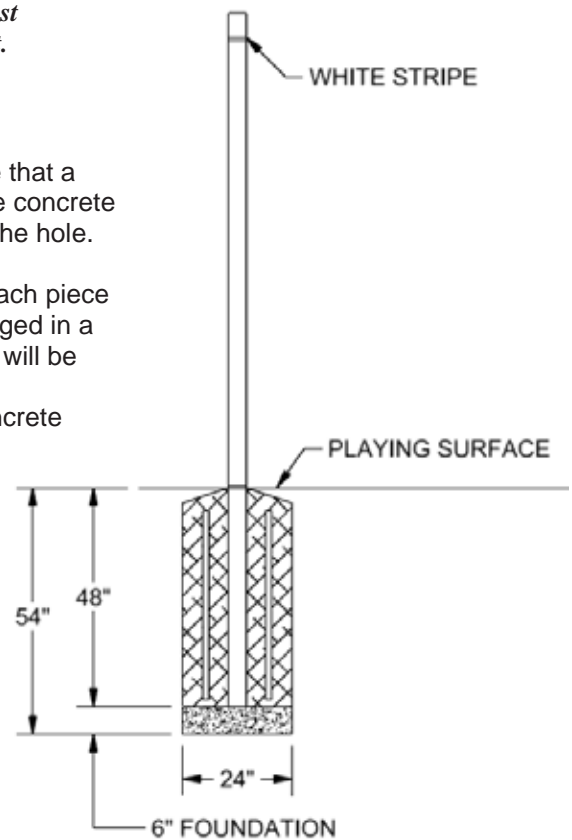
*NOTE: The area behind the playing surface must be cleared off by at least 3 feet to enable the user to stand behind the pole to adjust the Rim height.*



### STEP B

- Mix the concrete according to the instructions on the bags. Note that a thicker mix of concrete will dry stronger than a thin mix. Pour the concrete into the hole, stopping approximately 18 inches from the top of the hole.
- Insert the basketball post 48 inches from the playing surface
- Insert the four pieces of 3/4" x 42" Rebar into the hole, pushing each piece firmly to the bottom of the hole. The four pieces should be arranged in a square approximately 8 inches wide so that each piece of rebar will be positioned surrounding the backstop post.
- Finish filling the hole to the top with concrete. The top of the concrete should reach just above the level of the top of the form.

YOU ARE NOW FINISHED WITH THE INITIAL ASSEMBLY STEPS. DO NOT PROCEED WITH THE ASSEMBLY UNTIL THE CONCRETE HAS FULLY CURED. CURING WILL TAKE A MINIMUM OF 72 HOURS. IN HUMID CLIMATES OR WET WEATHER, ALLOW ADDITIONAL TIME FOR THE CONCRETE TO CURE.

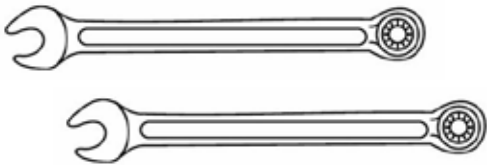


# WARNING



NEVER USE THE SYSTEM WITHOUT FOLLOWING THE CEMENTING INSTRUCTIONS. FAILURE TO FOLLOW ALL OF THESE INSTRUCTIONS AND WARNINGS COULD LEAD TO SERIOUS PERSONAL INJURY OR PROPERTY DAMAGE AS LISTED ON PAGE ONE.

Required For This Page:



- HEX HEAD BOLT APPROXIMATELY 6" - 7" LONG WITH WASHERS, LOCK WASHERS AND HEX NUT. (SET OF 6)
- BACK POST PLATE
- EXTENSION ARM WELDMENT
- HEX HEAD BOLT APPROXIMATELY 3" LONG WITH WASHERS, LOCK WASHERS AND TWO HEX NUT. (SET OF 4)



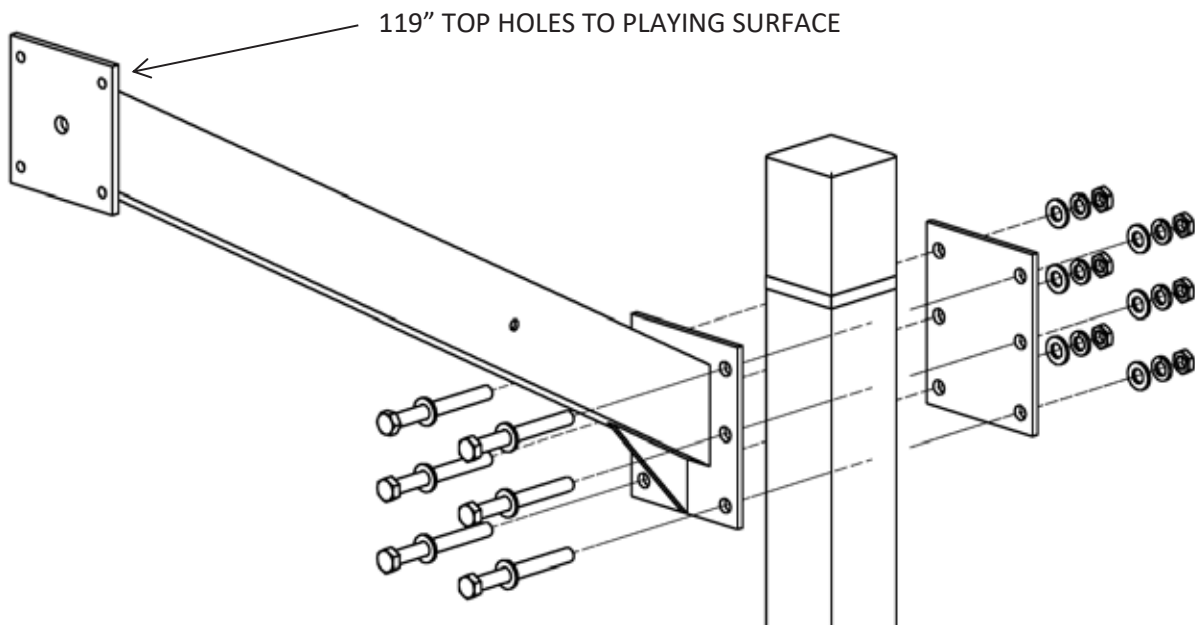
## WARNING



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

### STEP 1

- Position the extension arm and back post plate to the post near the white stripe.
- Using the longest hex head bolt to tie the two item mention above using the hardware as shown below. **DO NOT OVER TIGHTEN!**
- Set the top holes in the plate to 119 inch to the playing surface.



### STEP 2

- Assemble the 5 inch by 5 inch hole pattern backboard to extension arm weldment 5 inch by 5 inch hole pattern.
- Using the 4 sets of hex head bolt that fits the 5 inch by 5 inch hole pattern. Order of main part is rim, gasket, backboard and extension arm weldment, tie four items using the hex head bolt with washer thru rim and gasket. Into the backboard nut in the 5 inch by 5 inch hole pattern, use a hex nut to hold the rim and gasket to the backboard. Then lift the backboard on to the extension arm weldment 5 inch by 5 inch hole pattern. Finish this off with washers, lock washers and hex next, repeat till all four set of hardware is securely on ( see figure 1&2).

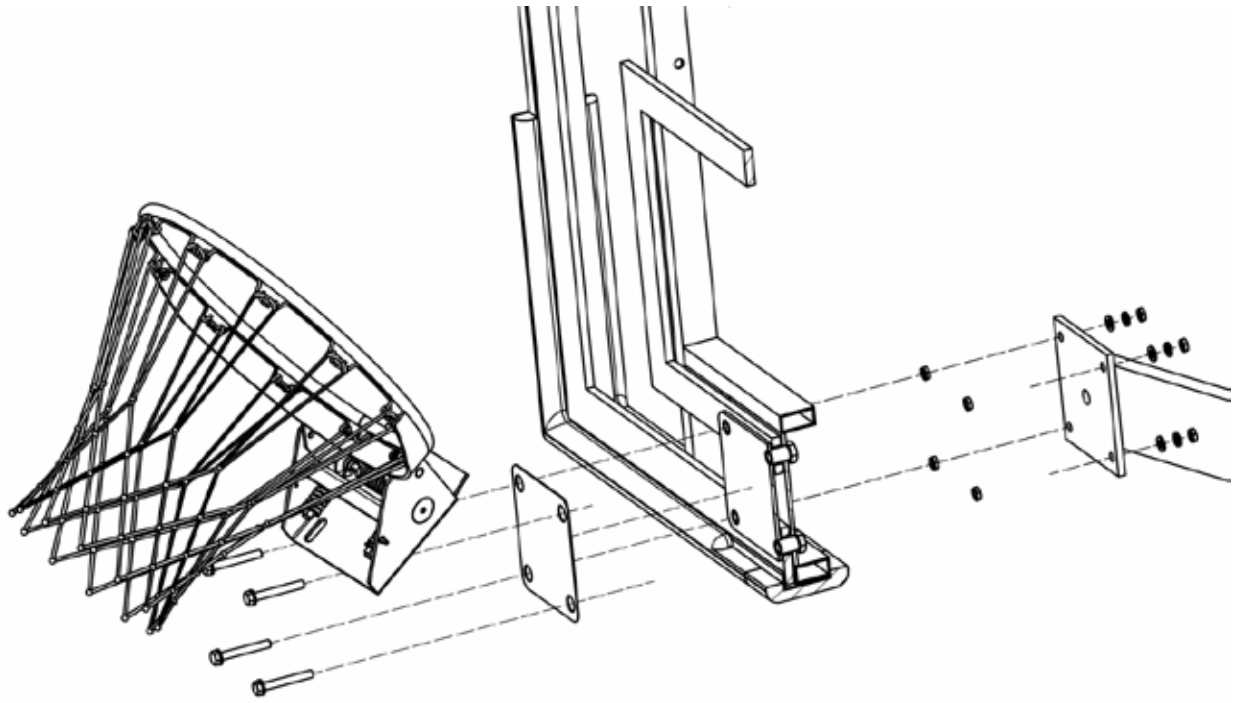


Figure 1 (Rectangular Backboard)

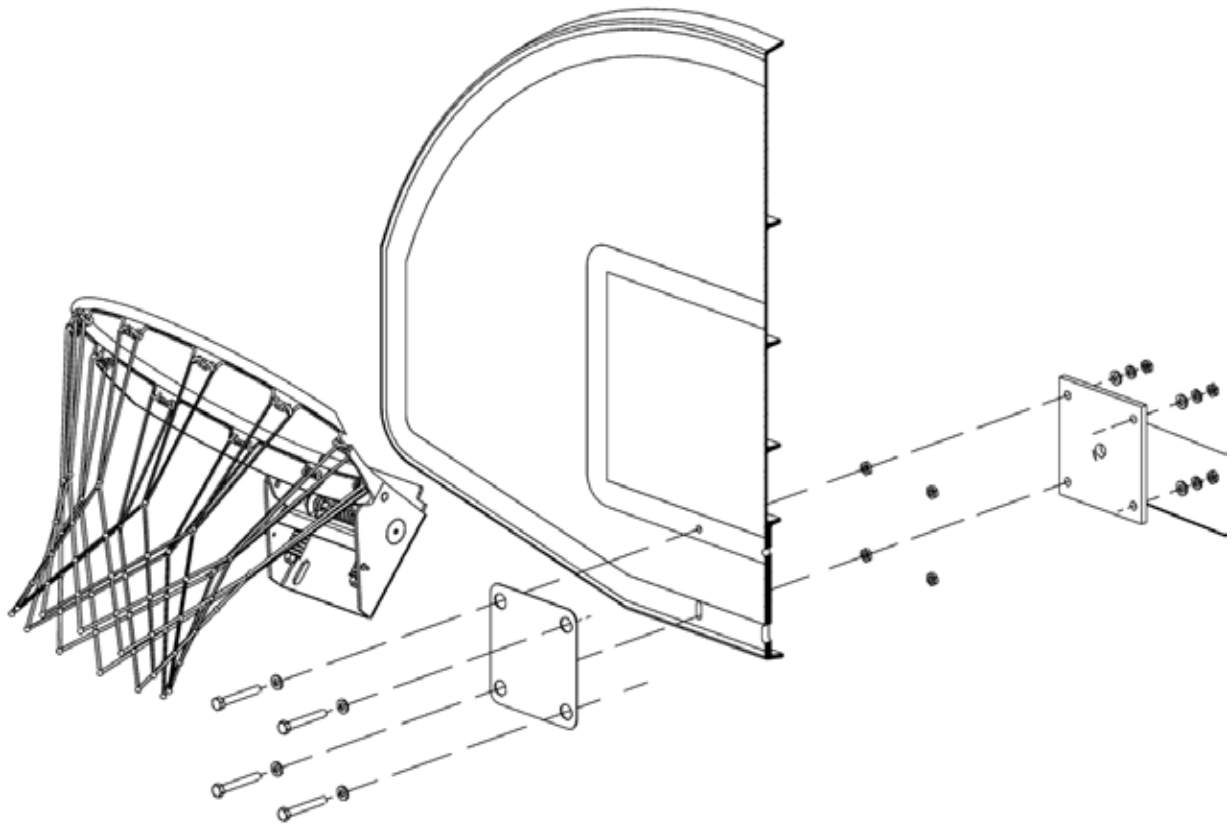
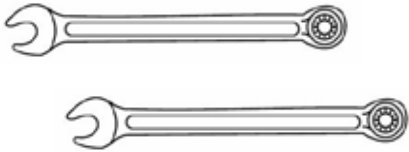


Figure 2 (Fan Backboard)

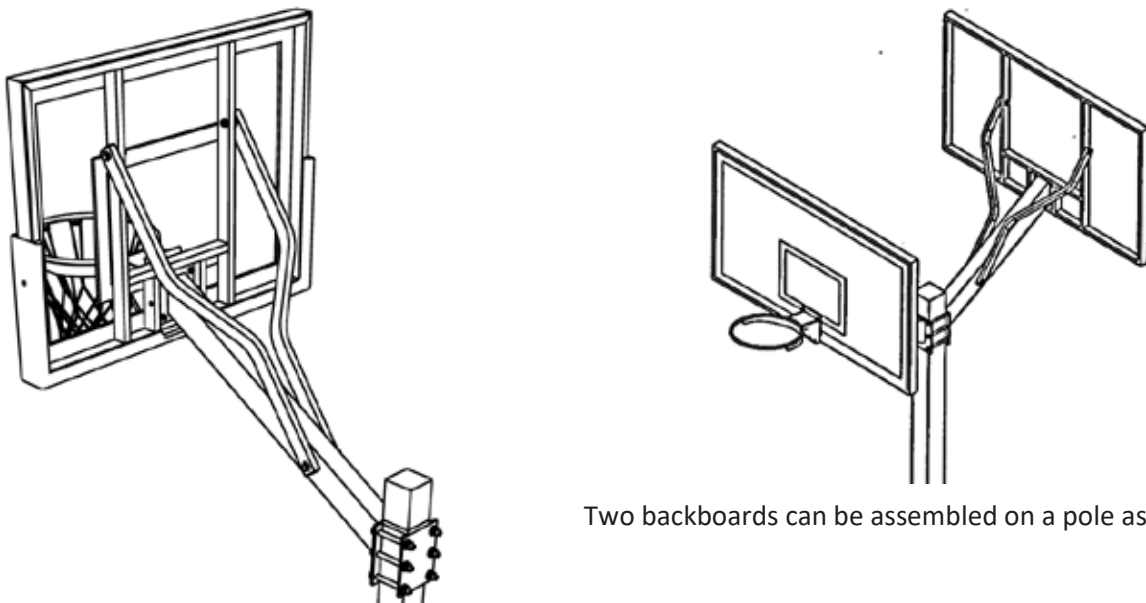
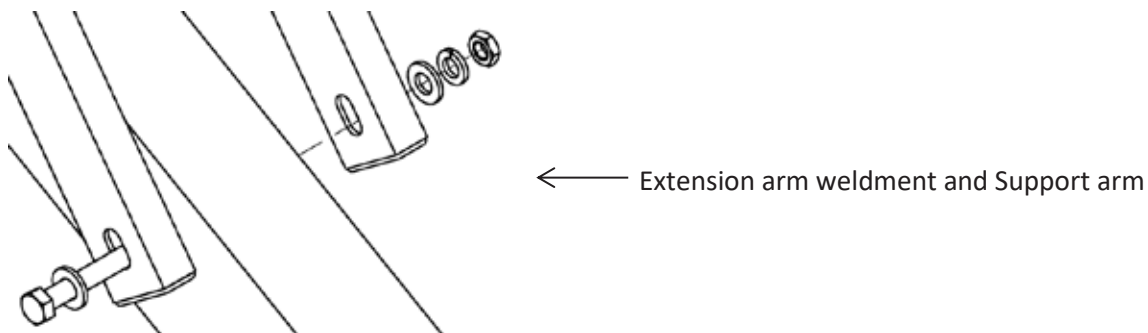
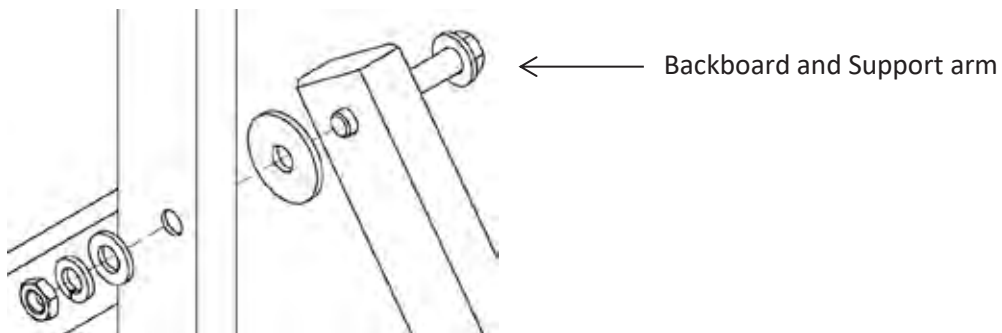
Required For This Page: (Optional For Rectangular Backboard)



- HEX HEAD BOLT APPROXIMATELY 6" LONG WITH WASHERS, LOCK WASHERS AND HEX NUT. (SET OF 1)
- SUPPORT ARMS (SET OF 2)
- HEX HEAD BOLT APPROXIMATELY 3" LONG WITH TWO WASHERS, BLACK FENDER WASHER AND LOCK NUT. (SET OF 4)

**STEP 3** (Optional For Rectangular Backboard) Note: The Fan Shape Backboard does not require braces.

- a. Assemble support arms to extension arm weldment. Note slots in support arms goes on the extension arm weldment and holes on the other end goes for the backboard hardware.



Required For This Page: (Optional For Rectangular Backboard)



Electric Drill

- SELF-DRILLING HEX HEAD W/ PLASTIC WASHERS QTY: 10
- PLASTIC CAPS QTY: 10
- SAFETY PADS (OPTIONAL)

**STEP 4** (Optional For Rectangular Backboard)

- Position the backboard pad to the backboard. Use drill to secure the self-drilling hex head w/ plastic washers on the backboard frame. Use plastic caps to cover up the expose end the self-drilling hex head w/ plastic washers.
- Now go back and tighten down the remaining hardware.
- OPTIONAL put the base safety pad on before trying to put on the longer safety pad.

