CITY HOOPS

INSTALLATION AND OWNER'S INSTRUCTIONS

FIXED / CHFIXE01

SAFETY INSTRUCTIONS

WARNING

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

A MINIMUM OF FOUR ADULTS & USE OF SCISSOR LIFT (or) GENIE LIFT (or) SCAFFOLDING IS REQUIRED TO LIFT UNIT INTO PLACE

BEFORE YOU START

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.

If any parts are missing call our Customer Service Department 1(866)-611-8552.

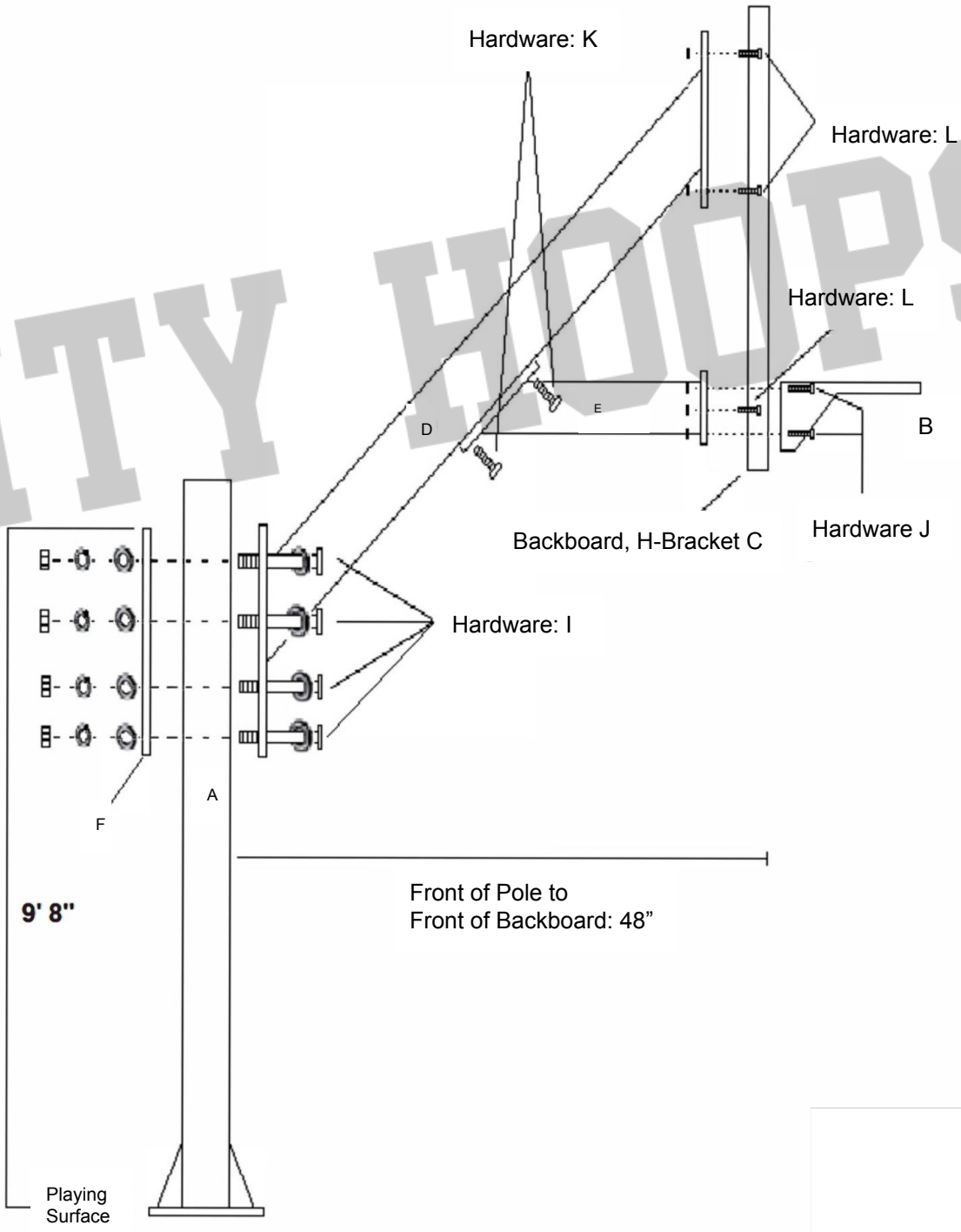
B. Test fit all bolts by inserting them into the respective hole. If necessary, carefully scrape away any excess powder coating buildup from inside the holes. Do not scrape away all of the powder coating. Bare metal may rust.

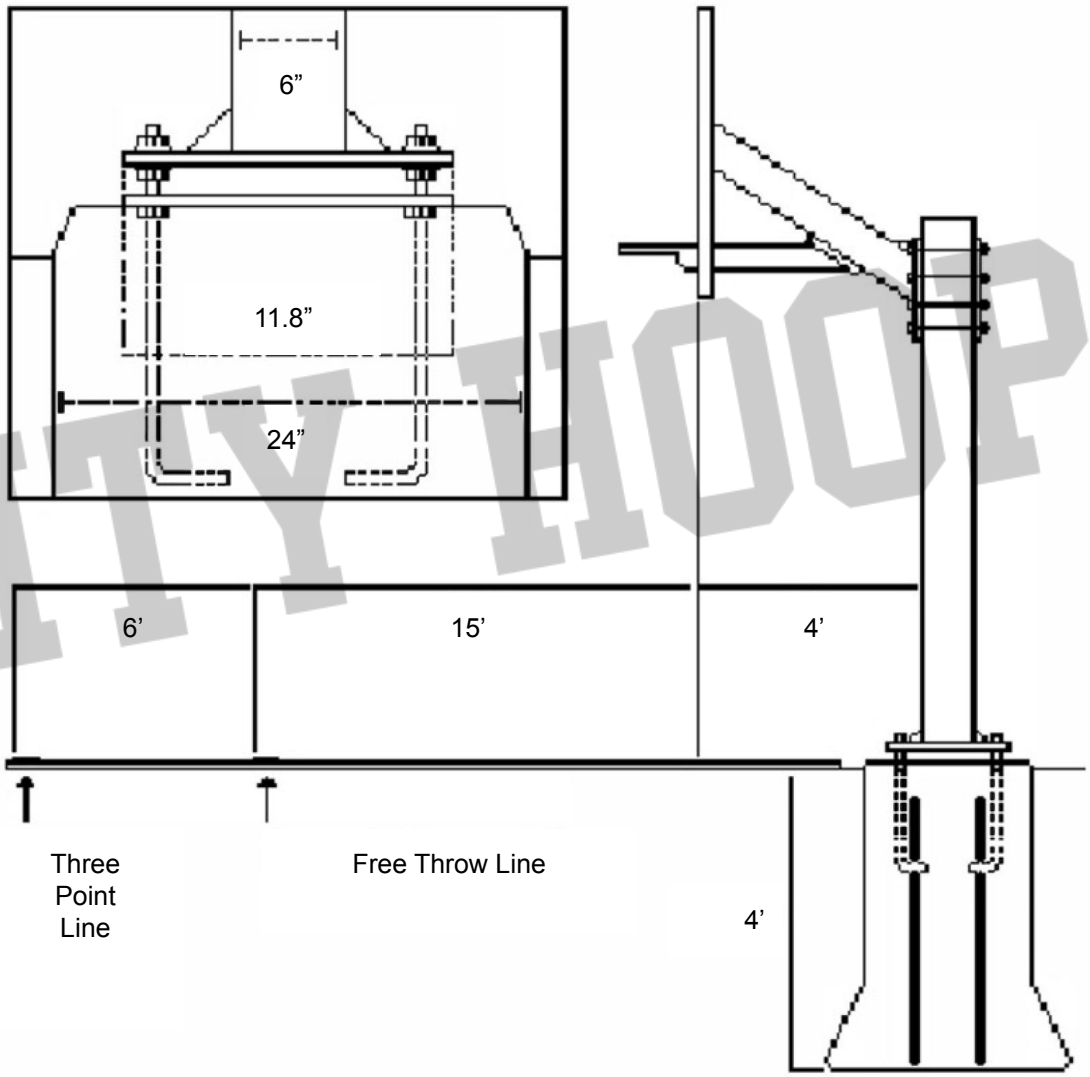
SAFETY INSTRUCTIONS

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. ● 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. ● Most injuries are caused by misuse and /or failure to follow instructions. Use caution when using the system.

PARTS LIST		
ITEM	QTY	DESCRIPTION
A	1	Vertical Post
B	1	Rim
C	1	Backboard with H-Bracket Loosely Attached
D	1	Main Extension Arm
E	1	Short Extension Arm
F	1	28cm x 21cm Rear Extension Plate
G	1	Anchor Footing Template
H	4	16mm Anchor J-Bolts
	8	16mm J-Bolt Hex Nuts
	4	16mm J-Bolt Gusseted Hex Nuts With Built-In Washer
	8	16mm Anchor J-Bolt Washers
I	8	22cm x 18mm Rear Extension Arm Bolts
	16	18mm Flat Washers
	8	18mm Lock Washers
	8	18mm Hex Nuts
J	4	7.4cm x 10mm Rim Bolts
	8	10mm Flat Washers
	4	10mm Lock Washers
	4	10mm Hex Nuts
K	4	3cm x 10mm Rear Short Extension Arm Bolts
	8	10mm Flat Washers
	4	10mm Lock Washers
	0	10mm Hex Nuts
L	6	4cm x 10mm H-Bracket to Main and Small Extension Arm Bolts
	12	10mm Flat Washers
	6	10mm Lock Washers
	6	10mm Hex Nuts
M	4	Rim Spacers (installed in backboard before rim)
N	3	Rim Plate Screws (for rim assembly)
O	1	Metal Rim Plate (for rim assembly)
P	1	White Mesh Net (for rim assembly)
Q	4	Rebar
R	4	Rim Shim Washers


Hardware: K
Hardware: L
Hardware: L
D
E
B
Backboard, H-Bracket C
Hardware J
Hardware: I
A
F
9' 8"
Front of Pole to
Front of Backboard: 48”
Playing
Surface



Tools & Materials Required For Complete Installation

1. Scissor Lift (or) Genie Lift (or) Scaffolding
2. Ladder
3. Post Hole Digger / Earth Auger
4. Shovel
5. Wheelbarrow
6. Concrete - 14-16 bags (30kg / 66lb each)
7. Water Supply
8. Trowel
9. Spirit / Bubble / Carpenter Level
10. Tape Measure
11. Box cutter
12. (2) Large Crescent Wrenches
13. Pencil
14. Socket / Wrench Sizes (Recommended) 27mm, 24mm, 17mm

IN-GROUND ANCHOR SYSTEM

STAGE 1 OF 2

WARNING

BEFORE DIGGING THE FOOTING HOLE, CHECK FOR BURIED POWER, GAS, WATER, AND TELECOMMUNICATION LINES! FAILURE TO DO SO COULD RESULT IN SERIOUS OR FATAL INJURY! CONTACT YOUR LOCAL UTILITY COMPANY IF UNSURE.

STEP 1 (Installation Location)

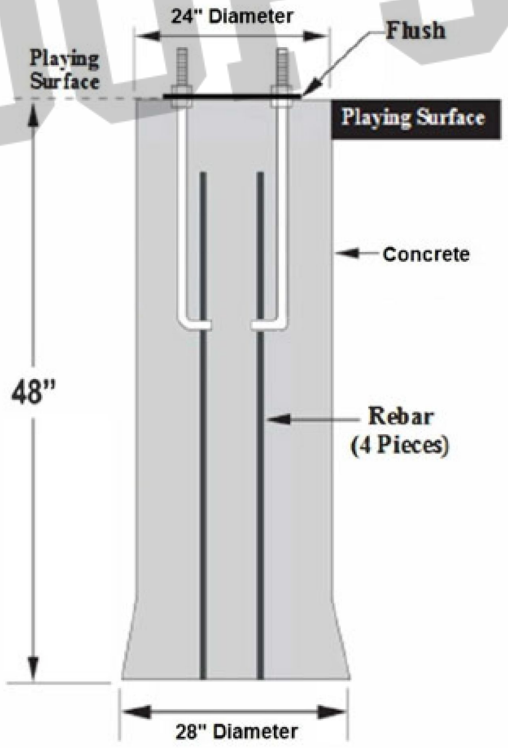
Choose the proper location to dig for the concrete footing. Use the distance charge on the previous page to help you designate a location. When choosing the exact location to dig, make sure to maximize the amount of playing surface while minimizing possible obstruction.

STEP 2 (Digging Pier hole)

A. Dig a hole 48” in depth and 24” square

B. Bell out the bottom of the hole 28”
This will provide stability to the footing.

NOTE: If you live in an area where the frost line is below 48”, it is advisable to dig to normal frost line.

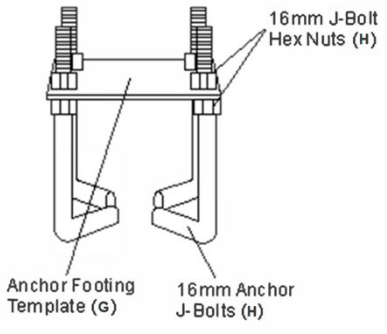


STEP 3 (Anchor Assembly

A. Twist (4) 15mm Hex Nuts (H) to the bottom of threads on (4) 16mm Anchor J Bolts (H).

B. Place J-Bolts through the holes of Black Anchor Template (G) and install (4) 16mm Hex Nuts (H) and tighten.

C. The bottom of the J-Bolts should be positioned as shown.



NOTE: There will be (8) flat washers & (4) gusseted hex nuts left over after anchor assembly. These will be used for the post assembly.

STEP 4 (Pouring concrete and setting pier kit)

For this step you will need: level, broomstick, and tape measure.

The 48” x 24” anchor footing hole will require a little over ½ yard of 3000 psi concrete (14-16 bags of 30kg / 66lb premix concrete).

More will be needed if your hole is larger. **NOTE:** Ensure you have enough concrete to finish this portion of the installation. Allowing a portion of the concrete mix to dry while purchasing more will weaken the footing.

A. Mix your bags of concrete in wheelbarrow or cement mixed and pour in your pre-dug footing hole.

B. Agitate concrete with shovel or broomstick to ensure proper fill.

C. Place (4) pieces of rebar (Q) in the middle of the hole about 8 inches apart to create a square in the middle of the hole. All 4 pieces of rebar (Q) need to overlap the J-Bolts (H) at least 6 inches.

NOTE: Concrete brands may vary, mix concrete to manufacture specifications.

D. Pour remaining concrete into the hole until completely full and slightly above the top. Using a trowel, smooth and slope the concrete to the edge.

NOTE: The top of the concrete needs to be level with or higher than your playing area. This is to ensure your system can be installed with a 10ft regulation height.

E. Place the assembled anchor system in hole to the point where the bottom of the black anchor plate (G) is flush with the top of the finished concrete.

NOTE: The (4) 16mm J-Bolt Hex Nuts (H) on the bottom of the Anchor Footing Template (G) should be placed approximately 1 inch above the concrete.

F. Using the level, ensure that the anchor template (G) is level in all directions. Additionally, the centerline of the 16mm Anchor J-Bolts (H) must be parallel / square with the edge of of the playing surface.

Once completely smooth and level, let the concrete cure. This can take up to a week. Consult instructions on your manufacturers concrete bag for cure time.

YOU ARE NOW FINISHED WITH THE INITIAL ASSEMBLY STEPS. DO NOT PROCEED WITH THE REMAINING ASSEMBLY UNTIL THE CONCRETE HAS FULLY CURED. CURING WILL TAKE A MINIMUM OF 5-7 DAYS. IN HUMID CLIMATES OR WET WEATHER, ALLOW ADDITIONAL TIME FOR THE CONCRETE TO CURE.

ASSEMBLY OF YOUR CITY HOOPS BASKETBALL SYSTEM

STAGE 2 OF 2

WARNING

NEVER USE THE SYSTEM WITHOUT FOLLOWING THE CEMENTING & CONCRETE INSTRUCTIONS. FAILURE TO FOLLOW ALL THESE INSTRUCTIONS AND WARNINGS COULD LEAD TO SERIOUS PERSONAL INJURY OR PROPERTY DAMAGE AS LISTED ON PAGE 2.

CAUTION

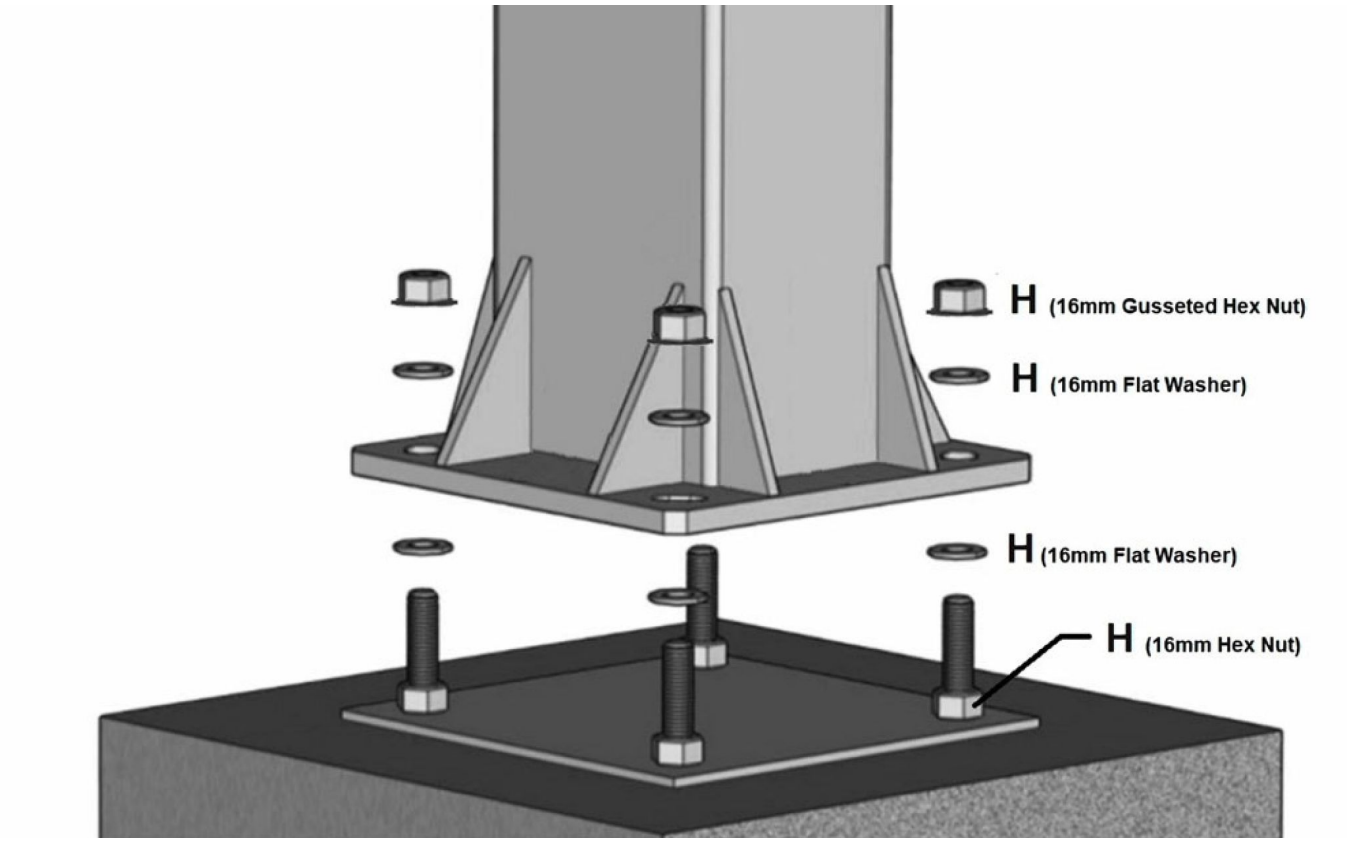
FOUR PEOPLE ARE RECOMMENDED FOR
SAFE INSTALLATION OF THE SYSTEM.

STEP 5 (Main Pole Assembly)

Loosen the top four 16mm J-Bolt Hex Nuts (H) from the 16mm Anchor J-Bolts (H). Level all four 16mm J-Bolt Hex Bolts (H). Leave Anchor Footing Template (G) in place

Install (4) metal washers (H) on top of the anchor bolts (H). Install main pole (A) shown below. Install (4) metal washers (H) to top of the anchor bolts (H). Install (4) flanged hex nuts (H) to top of the anchor bolts and tighten down.

Make sure that base plate is square to playing surface.



STEP 6 (Main Extension Arm Assembly)

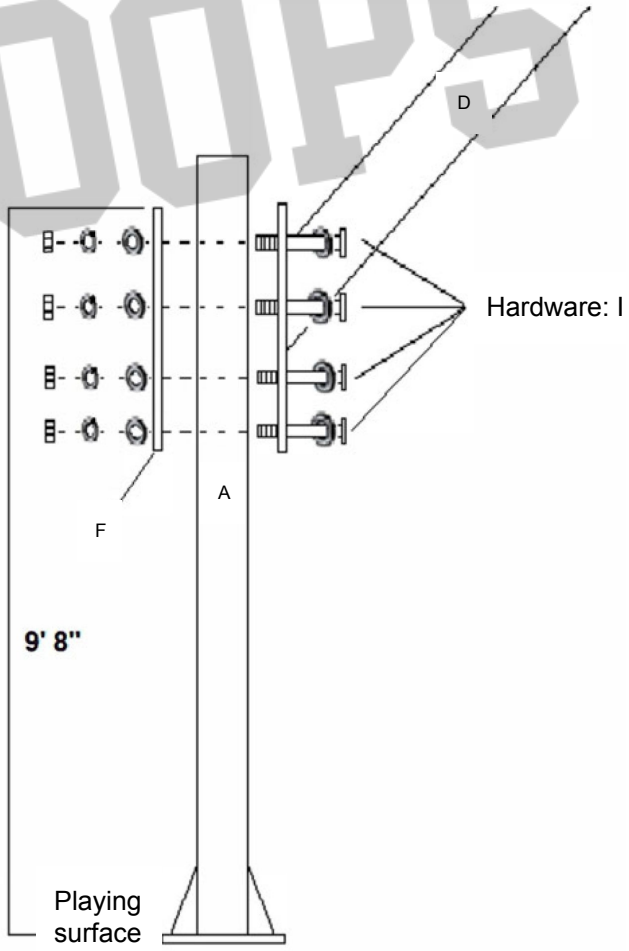
A. Install the 45 degree Main Extension Arm (D) as shown. It can be mounted loosely at ground level and slid up the Vertical Post (A) or mounted at correct height depending on lifting equipment available. **(Be careful to not scratch the Vertical Post (A)).**

B. Use 28cm x 21cm Rear Extension Arm Plate (F), (8) 22cm x 18mm Flat Washers (I), (8) 18mm Lock Washers (I), and (8) 18mm Hex Nuts (I).

You may use a Genie Lift, Scaffolding, or other appropriate lifting equipment to raise the Main Extension Arm (D).

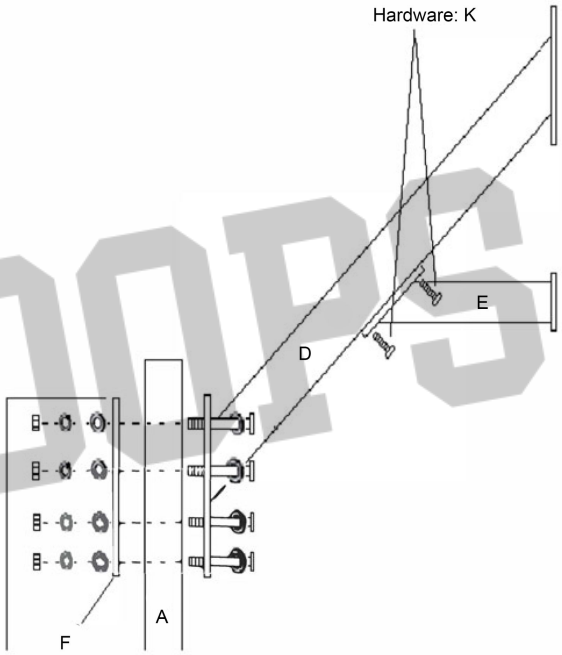
C. Raise the top of the 28cm x 21cm Rear Extension Arm Plate (F) to 9’8” above the playing surface. This is your starting location for achieving 10’ rim height.

D. Tighten all (8) 18mm Rear Extension (I). **(Be sure these are all level and tightened before installing the backboard, H-Bracket (C))**



STEP 7 (Short Extension Arm Assembly)

Attach the Short Extension Arm (E) to the attachment points on the bottom side of the Main Extension Arm (D) using the (4) 3cm x 10mm Rear Short Extension Arm Bolts (K), (4) 10mm Flat Washers (K) and (4) 10mm Lock Washers.

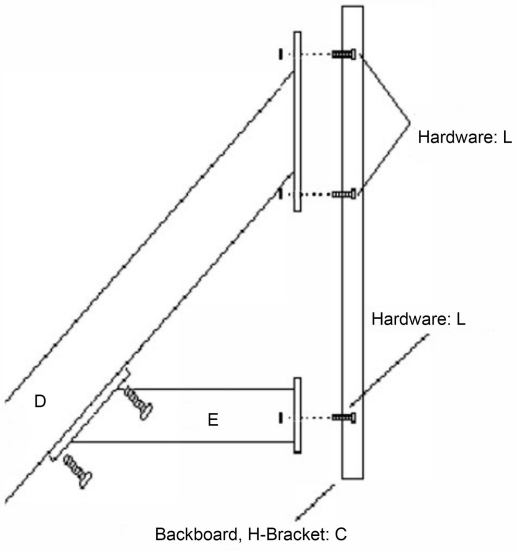


STEP 8 (H-Bracket & Backboard Assembly)

A. Install backboard and H-bracket (C) using the (6) 4cm x 10mm H-Bracket to Main and Small extension Arm Bolts (L), (6) 10mm Flat Washers (L), and (6) 10mm Lock Washers.

   A genie lift, scaffolding, or other appropriate lifting equipment should be used to lift.

B. The (8) pre-assembled H-Bracket to Backboard bolts, washers, and nuts will need to be tightened as they come loose from from factory.



STEP 9 (Level Backboard)

Check face of backboard to see if it is level forward and back. If it is not level, correct it by adjusting the 16mm J-Bolt Hex Nuts (H) located underneath the Vertical Post (A) flanged base plate.

STEP 10 (Rim Spacers Assembly)

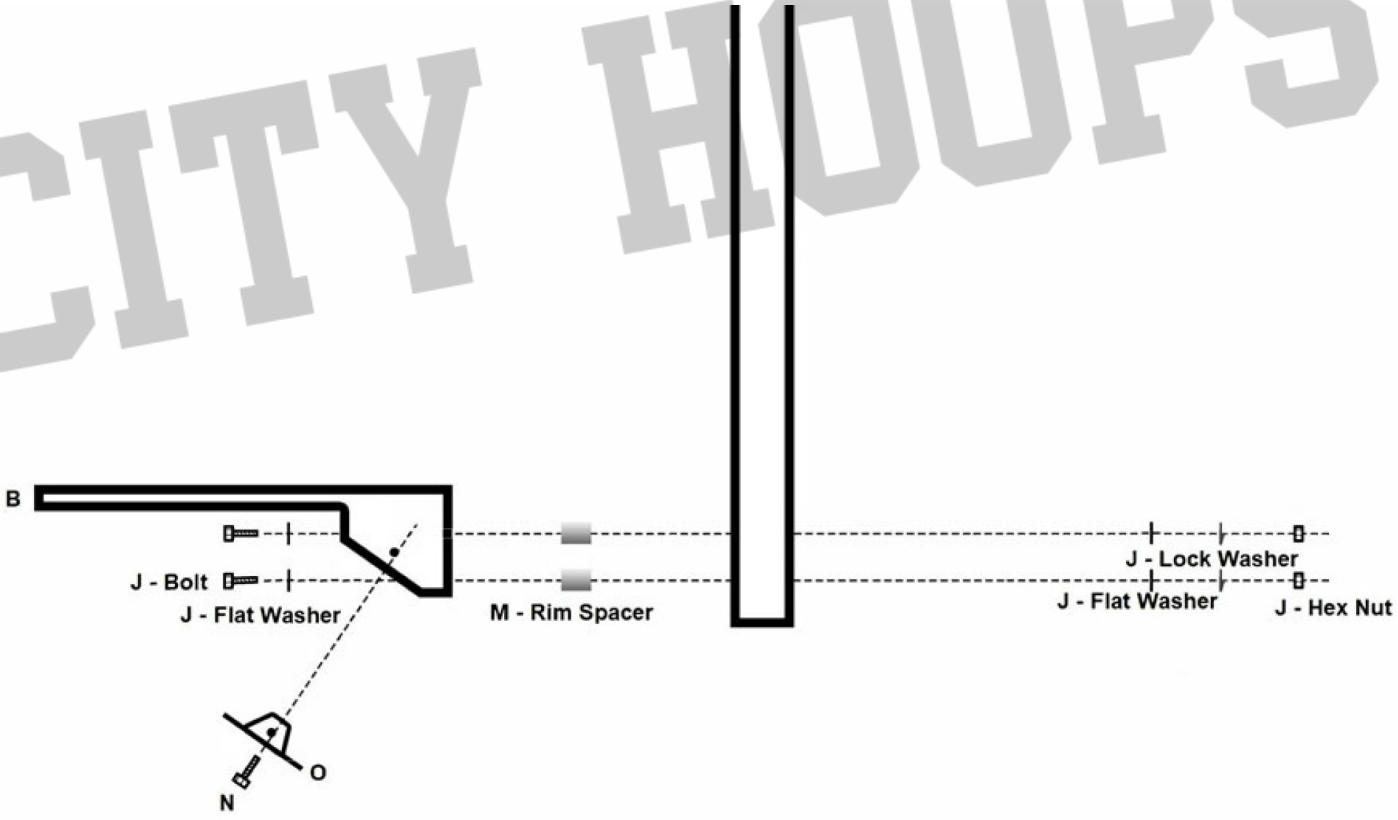
Prior to installing the rim, locate four plastic and steel spacers (M) and padding that goes between rim assembly and backboard.

Align and place padding over the 4 holes of the backboard. Insert spacers (M) through padding and backboard.

CAUTION: Do not proceed with rim installation without spacers and padding.

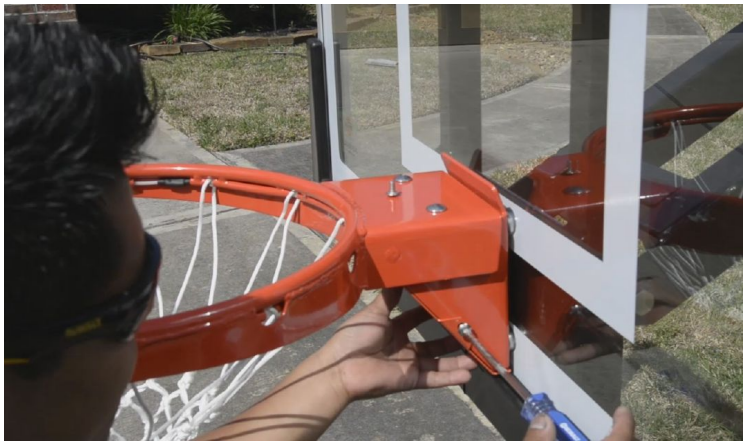
STEP 11 (Rim Assembly)

A. Mount the Rim (B) to the H-Frame Backboard Mount (C) and backboard assembly (C) using the (4) 7.5cm x 10mm Rim Bolts (J), (8) 10mm Flat Washers (J), (4) Lock washers (J) and (4) 10mm Hex Nuts.



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

C. Optional: If desired, you can level the rim front to back using shim washers placed between the rim spacer (M) and rim (B)



D. Using (2) rim plate screws (N), attach the metal rim plate (O) to the rim (B). The metal rim plate (NNN) covers the springs in the rim (HHH) as shown.

Ensure all nuts on the system have been tightened.

CALIBRATE YOUR SYSTEM HEIGHT

To calibrate your system height, hook a tape measure to the rim and measure down to the playing area. This should measure 10 feet if installed correctly. If it does not, make necessary adjustments. To make minor adjustments to the rim height, you can raise and lower the system using the leveling hex nuts under the base of main pole.

It is advisable to wait up to to weeks to allow anchor footing to fully cure before aggressive play.

STEP 12 (Protective Padding Assembly)

A. Attach gusset base padding if removed during installation. Attach using the velcro on the back of the gusset padding to secure it to the base of the system.

B. Attach pole padding if removed during installation. Attach using the velcro on the back of the pole padding to secure it to the main pole of the system.

C. If protective backboard padding was purchased separately, you will attach that at this point. Please follow the directions included with backboard padding.

STEP 13 (Maintenance)

Like any piece of hardware, proper maintenance is required. Several factors such as environment, organic materials, herbicides, pesticides, excessive use of misuse can eventually cause the basketball system to require maintenance. Failure to do so could result in system failure, property damage, or even personal injury.

A. All organic materials should be kept away at all times. This will alleviate any chance of rust penetrating the powder coated finish and causing damage.

B. If you see any signs of rush on the system, remove the losee paint, sand the area with a medium grit sandpaper, and apply outdoor enamel to the area.

Suggested Touch Up Paint: Rustoleum Semi-Gloss Black Enamel

C. To clean backboard, use a 100% cotton soft cloth with mild dishwashing liquid soap and lukewarm water. Rinse backboard with lukewarm water. Wash gently. Do not scrub. Rinse backboard with lukewarm water again. Dry with 100% cotton soft cloth to avoid scratches and minor abrasions to your backboard.