

GARED

Hoopmaster LT Portable Backstop
Model 9305



Installation, Operation and Maintenance Instructions

Please read all instructions before attempting installation or operation of these units

SAVE THESE INSTRUCTIONS FOR FUTURE USE

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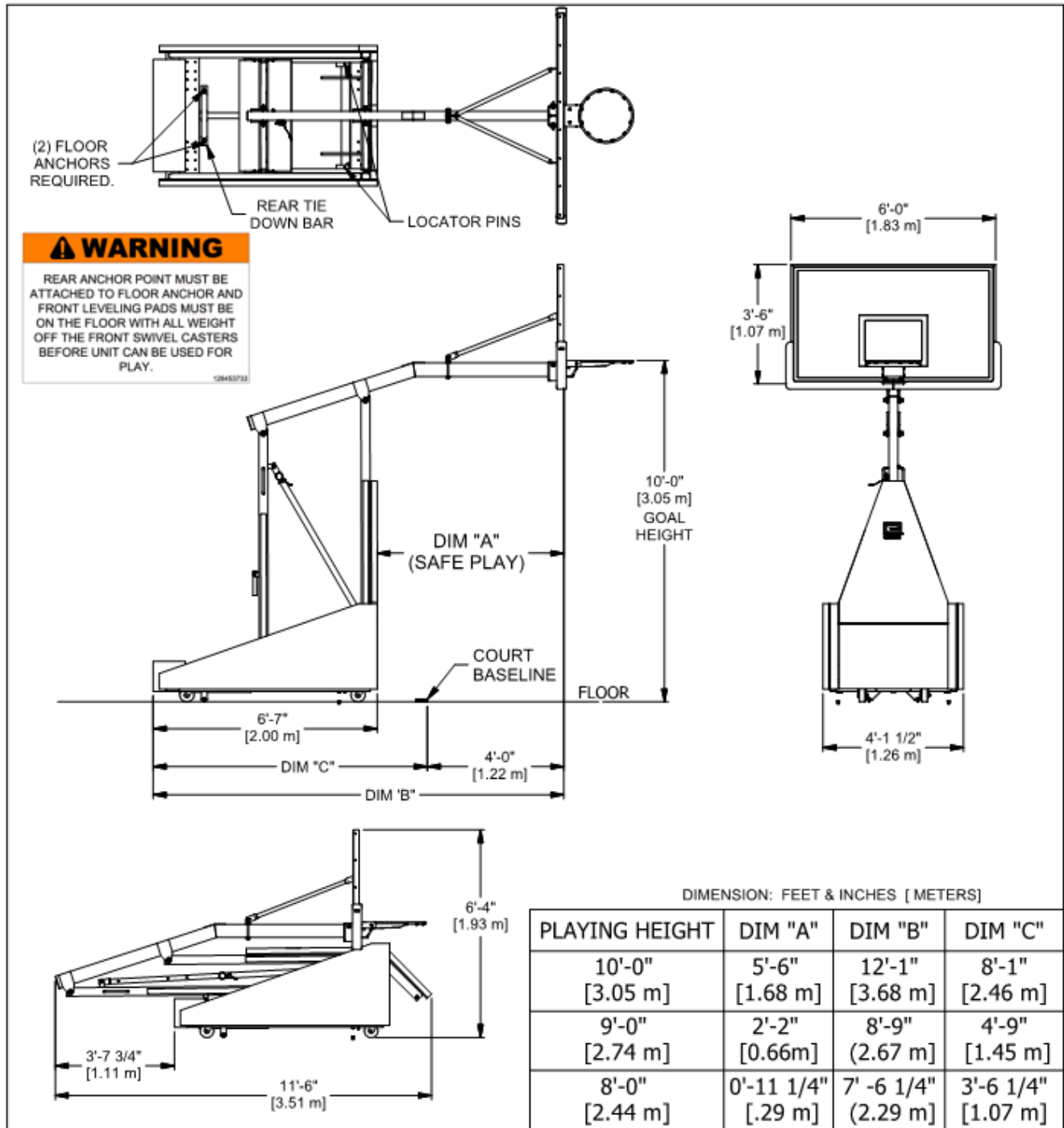
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Hoopmaster LT Portable Backstop

Specification Model 9305





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Parts List

Item	Part Number	Description	QTY
1	BB72G50	72" X 42" X 1/2" GLASS BACKBOARD	1
2	2000	COLLEGIATE BREAKAWAY GOAL	1
3	PMCE	BANK PADDING	1
4	556404281	UPPER BRACE - BB BOARD	2
5	556404284	STRUT RETAINING WELDMENT	1
6	556404286	ATTACHING PLATE	1
7	M802-10-160	HEX BOLT, M10 x 160	2
8	M802-10-40	HEX BOLT, M10 x 40	2
9	M802-10-50	HEX BOLT, M10 x 50	1
10	M861-10	FLAT WASHER, M10	10
11	M862-10	LOCK WASHER, M10	5
12	M841-10	HEX NUT, M10	5
13	556404206	REAR TIE DOWN PLATE	1
14	561-8	WASHER, FLAT 1/2" USS LARGE ZINC	4
15	502-8-13-16	BOLT, HEX HEAD 1/2"-13 X 1"	2
16	FLOOR ANCHOR	SPECIFY ANCHOR TYPE NEEDED	2
17	9310	LOCATOR PIN KIT, 9305 LT	1
20	886404062	HOOPMASTER LT PAD SET	1
21	223-4-20-8Z	SCREW, MACH PAN HD PHIL 1/4-20 UNC X 0.5	20
22	556401123	CLIP, PAD ATTACHMENT 60 mm	6
23	886404054	PAD ASSY, FRONT LT	1
24	886404055	SIDE PAD - LEFT HAND	1
25	886404056	SIDE PAD - RIGHT HAND	1
26	886404059	REAR COVER - TOP	1
27	886404060	REAR COVER BOTTOM	1
28	886404437	C - BRACKET, FRONT PAD	2
29	886405805	FRONT SIDE PAD	2



Hoopmaster LT Portable Backstop

Introduction

Thank you for purchase of a Gared Sports Hoopmaster LT Portable backstop. To ensure that our equipment will provide years of use to you, we are including this installation, operation and maintenance of your portable backstop.

Please note that a bill of materials is being included in this guide. Please check that all of the parts called out on the Bill of Materials are present prior to beginning assembly and setup. Please do not substitute for factory parts. Please contact the Gared Sports customer service department and allow them to determine if substitute parts are acceptable.

It is recommended that an individual who has been properly trained perform assembly and set up of the backstop. No one under the age of 18 should attempt assembly or set up of the unit, unless supervised.

To prevent normal wear and tear from shortening the life of the unit, preventative maintenance inspections and repairs should be performed at least once a year. If the units are subject to high or unusual usage, inspections should be scheduled to occur more frequently. If items are found to be nonconforming, replacements can be ordered from Gared Sports or one of our authorized dealers. When contacting Gared Sports, please have information regarding the dealer/installer who sold the unit, the name of the project, and any applicable warranty information.



Hoopmaster LT Portable Backstop

Safety

Read and understand the following warnings to prevent possible personal injury and potential damage to the equipment during assembly, setup, and operation.

⚠ DANGER

DO NOT CLIMB ON GOAL, BANKBOARD OR BACKSTOP.

THIS UNIT IS DESIGNED FOR A SPECIFIC OPERATING WEIGHT AND THE ADDED WEIGHT COULD CAUSE DAMAGE AND/OR SERIOUS INJURY TO PERSONNEL.

2036-31-00

⚠ WARNING

DO NOT REMOVE SHIPPING BRACE BEFORE INSTALLING BACKBOARD AND GOAL. REMOVING BRACE WITHOUT BACKBOARD INSTALLED COULD RESULT IN SERIOUS PERSONAL INJURY AND/OR DAMAGE TO UNIT.

126453732

⚠ WARNING

REAR ANCHOR POINT MUST BE ATTACHED TO FLOOR ANCHOR AND FRONT LEVELING PADS MUST BE ON THE FLOOR WITH ALL WEIGHT OFF THE FRONT SWIVEL CASTERS BEFORE UNIT CAN BE USED FOR PLAY.

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⚠ WARNING

DO NOT REMOVE BACKBOARD BEFORE INSTALLING SHIPPING BRACE ON MAIN BOOM. REMOVING BACKBOARD WITHOUT BRACE INSTALLED COULD RESULT IN SERIOUS PERSONAL INJURY AND/OR DAMAGE TO UNIT.

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⚠ WARNING

SPRINGS ARE PRESET AT FACTORY. ADDITIONAL ADJUSTMENTS MUST BE DONE BY AUTHORIZED FACTORY PERSONNEL.

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⚠ WARNING

SAFETY PIN MUST BE INSTALLED DURING USE, AND REMOVED PRIOR TO LOWERING UNIT.

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⚠ CAUTION MOVING PARTS! KEEP HANDS, ARMS, BODY CLEAR DURING OPERATION

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⚠ CAUTION

ALWAYS LOWER BACKBOARD TO FULL DOWN POSITION BEFORE ATTEMPTING TO MOVE THE UNIT.

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⚠ CAUTION

KEEP PERSONNEL AWAY FROM FRONT AND REAR OF UNIT WHILE RAISING OR LOWERING THE BACKBOARD

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⚠ CAUTION

DO NOT STAND OR SIT ON UNIT DURING OPERATION

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Before proceeding with assembly, **read all instructions and assembly procedures.** Make sure all parts have been received and are not damaged.



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ASSEMBLY

IMPORTANT NOTE:

Before proceeding to the first step, make sure at least three individuals are available to assist with the mounting of the backboard to the unit. A minimum of two, preferably three, individuals is required for safe assembly of the backboard to the unit.

1. Position the backboard to the horizontal boom and install a 3/8-16 x 2" bolt with lock washer and flat washer in the holes of the mounting plate in the backboard as shown in figure 2. Tighten these bolts securely.



Figure 2

ADJUSTMENT BOLT

MOUNTING BOLTS



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2. Attach the backboard brace yokes to the brackets on top half of board, using M10 x 40 hex head bolts with flat washers, lock washers, and nuts. Secure braces to bracket on main arm with M10 x 50 hex bolt, lock washer and nuts. Place bottom support bracket on and tighten in place with (2) M10 x 160 hex head bolts with washers, nuts and lock washers. See Figure 3

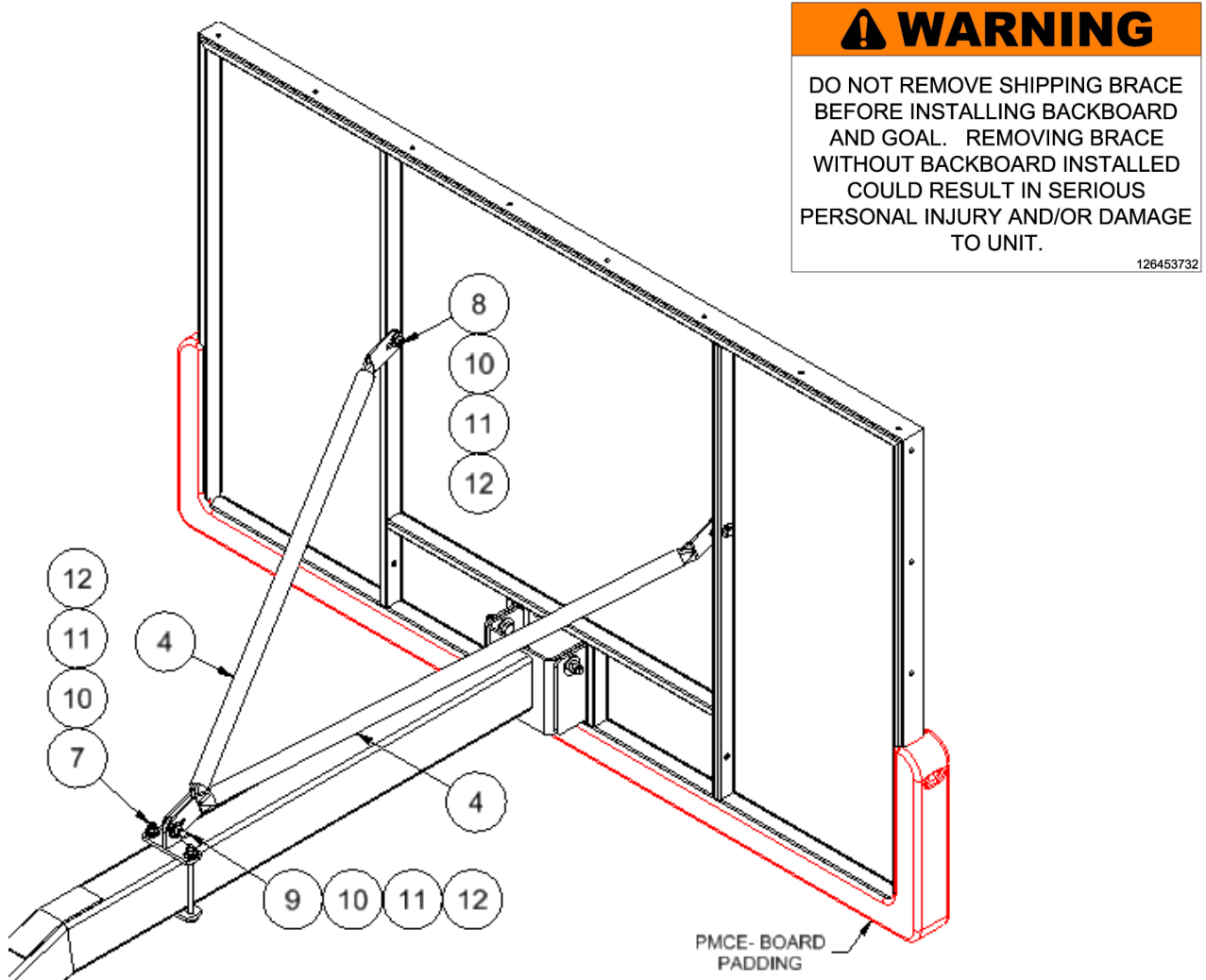
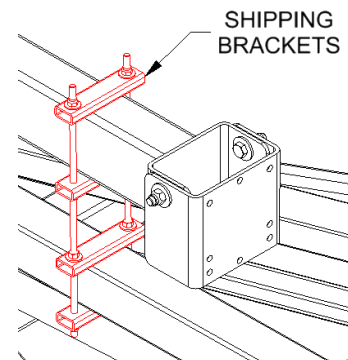


Figure 3

3) Remove the shipping bracket from the main boom and store the bracket, threaded rods, and hardware in a location for future use when replacing backboards or storing the unit.





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- 4) To set the unit the floor pads must be locked in place. Stepping on them can do this. The pads are found at all four corners. Leveling can be done with the adjustment screw.



ADJUSTMENT SCREW

SETTING FLOOR PADS

- 5) Using masking tape and pencil, Mark the location of the center of the court 4'-0" from the court baseline (refer to figure 5). From this center mark, establish a mark 3'-0" to the left and another mark 3'-0" to the right. These marks will be used to align the face of bank to the court.

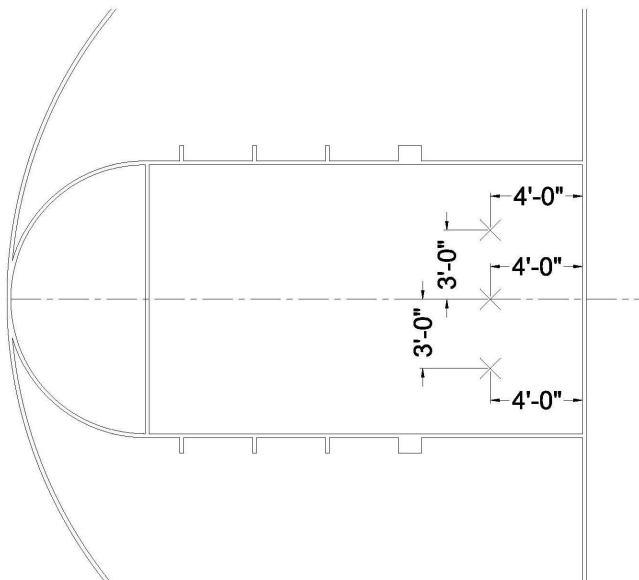
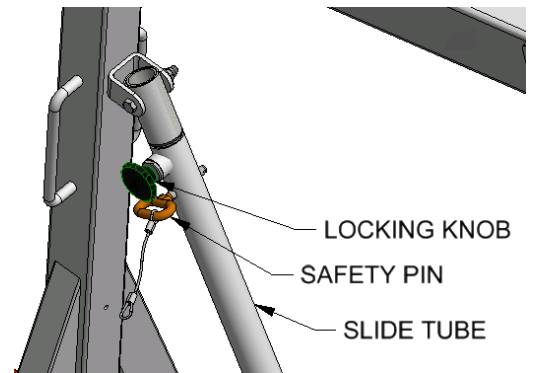
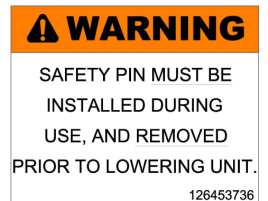


Figure 5



- 6) Push the unit to the playing location on the court. Raise the boom to the 10'-0" playing position. Insert the safety pin into the sliding latch bar at the rear of the unit. Check the goal height at the base of the goal.





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- 7) To level the backboard in the horizontal plane, loosen, (do not remove), the two goal carriage bolts and the two 3/8 bolts at the bottom of the board mounting bracket that attach the bracket to the backboard. Level the board and tighten all four bolts securely.

NOTE:

Do not remove the goal bolts or the 3/8" board mounting bolts. It is only necessary to loosen these bolts. Once the board has been leveled, make sure these bolts are securely tightened.

- 8) To level the backboard in the vertical plane, loosen the two bolts at the rear yoke brace mount on top of the boom. Refer to Figure 7. Using a wrench, adjust the leveling bolt in the board-mounting bracket until the backboard is plumb. Tighten the locking nuts on the leveling bolt. Tighten the two bolts at the rear yoke brace mount securely.

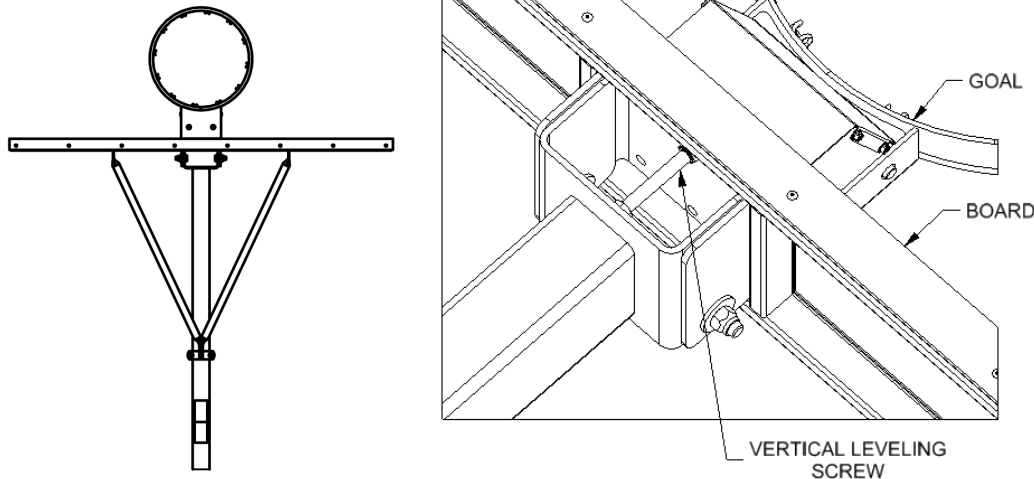


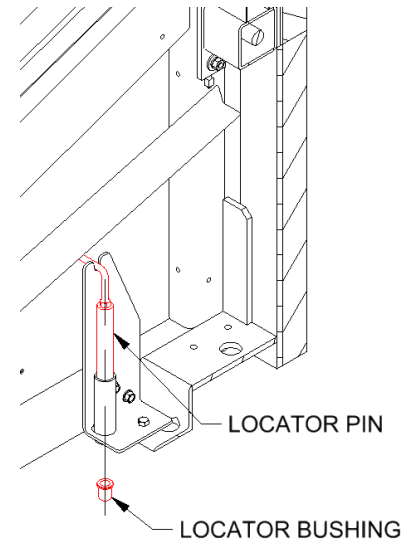
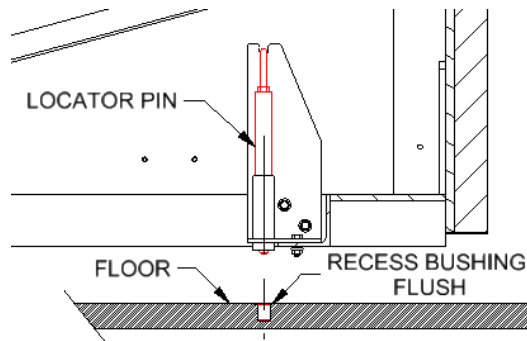
Figure 7

- 8) Attach plumb bobs to the front corners of the backboard. Plumb bobs should hang down from the corners to where they are almost touching the floor.
- 10) Check plumb bobs with marks that were located in step 5. If the plumb bobs do not line up exactly with the marks on the floor, adjust the location of the unit accordingly.
- 11) Once the unit is relocated and the plumb bobs are exactly on the marks located in step 5, recheck all dimensions to make sure the 10'-0" playing height is correct and the face of the backboard is 4'-0" in front of the court baseline.

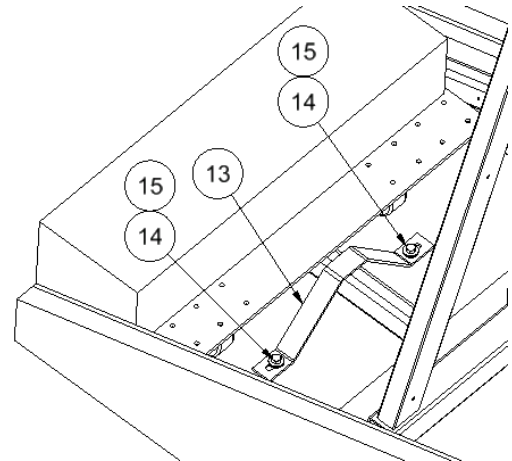


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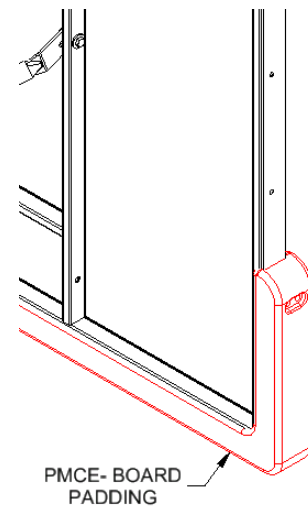
- 12) Mark the floor for the locator pins located at the front inside corners of the base unit.
- 13) Install the locator bushings in the floor, recessed flush with the floor playing surface.



- 14) Mark and install the rear floor anchors to match the rear tie down plate, item 13, as shown using 1/2-13 hex bolts into the floor anchors.



- 15) Attach the backboard padding to the backboard.



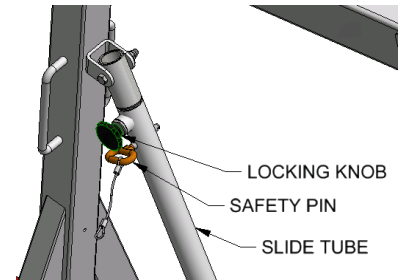


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14) Raise the unit to the playing position and insert the safety pin into the sliding locking bar.

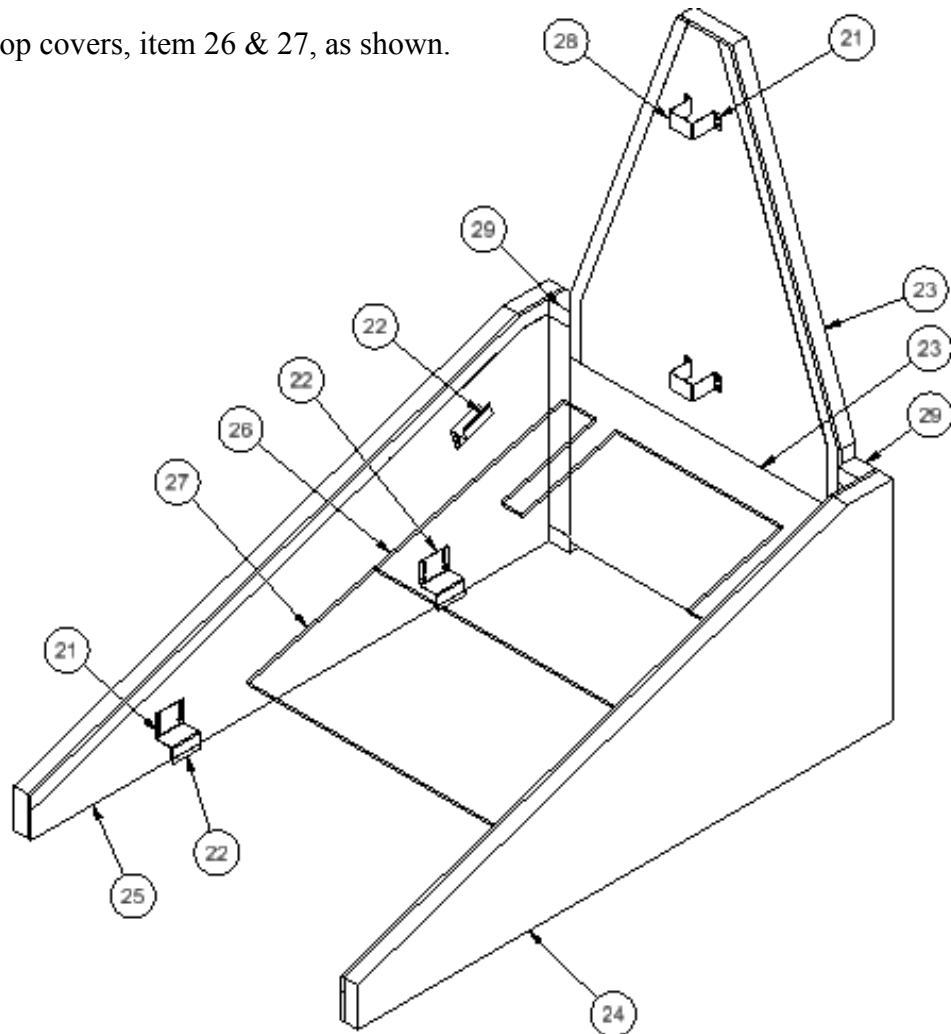
15) Install the Upright pad, item 23, to the front upright using bracket, item 28, and $\frac{1}{4}$ -20 pan head screws.

16) Install side pad using brackets, item 22, and the $\frac{1}{4}$ -20 pan head screws. The two lower clips will be installed to the pad before hanging on the base unit and the upper clip will be installed with the side pad hung on the base unit.



17) Install front side pads, items 29. They will be held in place by a hook and loop strip.

18) Install top covers, item 26 & 27, as shown.





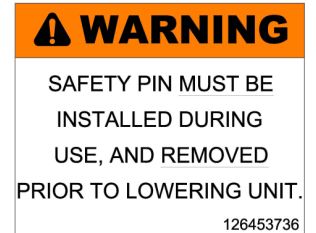
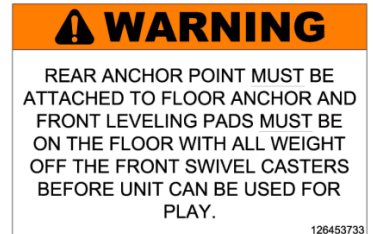
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Operation

1. Before operating the unit, read all caution, warning, and information labels.

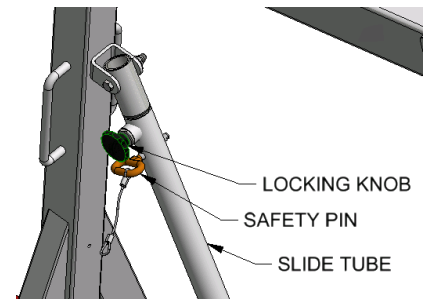
2. To raise the unit from the stored position.

- a. Make sure the unit is in the correct position on the court and drop locator pins to engage bushings in the floor.
- b. Attach rear anchor bar to the floor anchors.
- c. Step on the setting pad levers to engage the latches.
- d. Remove the safety pin from the slide bar. Loosen the locking knob.
- e. Using the handle on the top of the rear upright, lift the upright and rotate to the full up position.
- f. Install the safety pin into the slide tube locking bar and tighten locking knob.



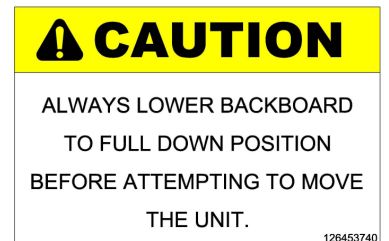
3. To lower the unit from the playing position.

- a. Loosen the locking knob and remove the safety pin from the slide tube locking bar.
- b. Using the handle on the top of the rear upright, pull the upright back and slowly rotate it to the full down position.
- c. Install the safety pin into the slide tube locking bar. Tighten the locking knob.

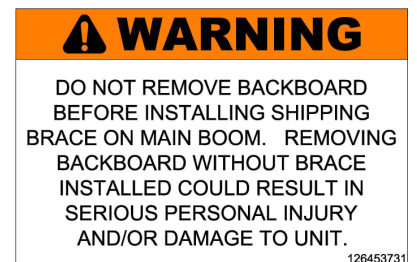
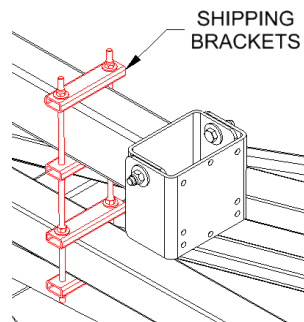


4. If the unit is to be moved to storage:

- a. Remove the rear anchor bar
- b. Retract the locating pins.
- c. Raise the setting pads until the unit is fully on all four casters.
- d. If board is to be removed, the shipping brackets must be installed first.



5. Roll the unit to the storage facility.





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Maintenance

1. General inspection of equipment when used should be performed to ensure no catastrophic failures have occurred during the course of use between yearly inspections.
2. It is recommended that yearly inspections be conducted to determine if any bolts or other hardware has become worn or loosened.
3. During yearly inspections:
 - Check all joints to make sure they are tight and secure.
 - Check all spring adjustment bolts to make sure they are tight and have not moved.
 - Check the board and goal mounting bolts to make sure they are tight.
 - Any loose bolts or nuts should be tightened.
 - Check the net for wear.
 - Check for pad wear.
 - Replace any components that are missing or worn.

WARNING

SPRINGS ARE PRESET AT FACTORY.
ADDITIONAL ADJUSTMENTS MUST BE DONE
BY AUTHORIZED FACTORY PERSONNEL.

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