



## **JAYPRO ELITE SERIES ADJUSTABLE PORTABLE BACKSTOPS**

### Installation and Operating Instructions

#### Applicable Part Numbers/Models:

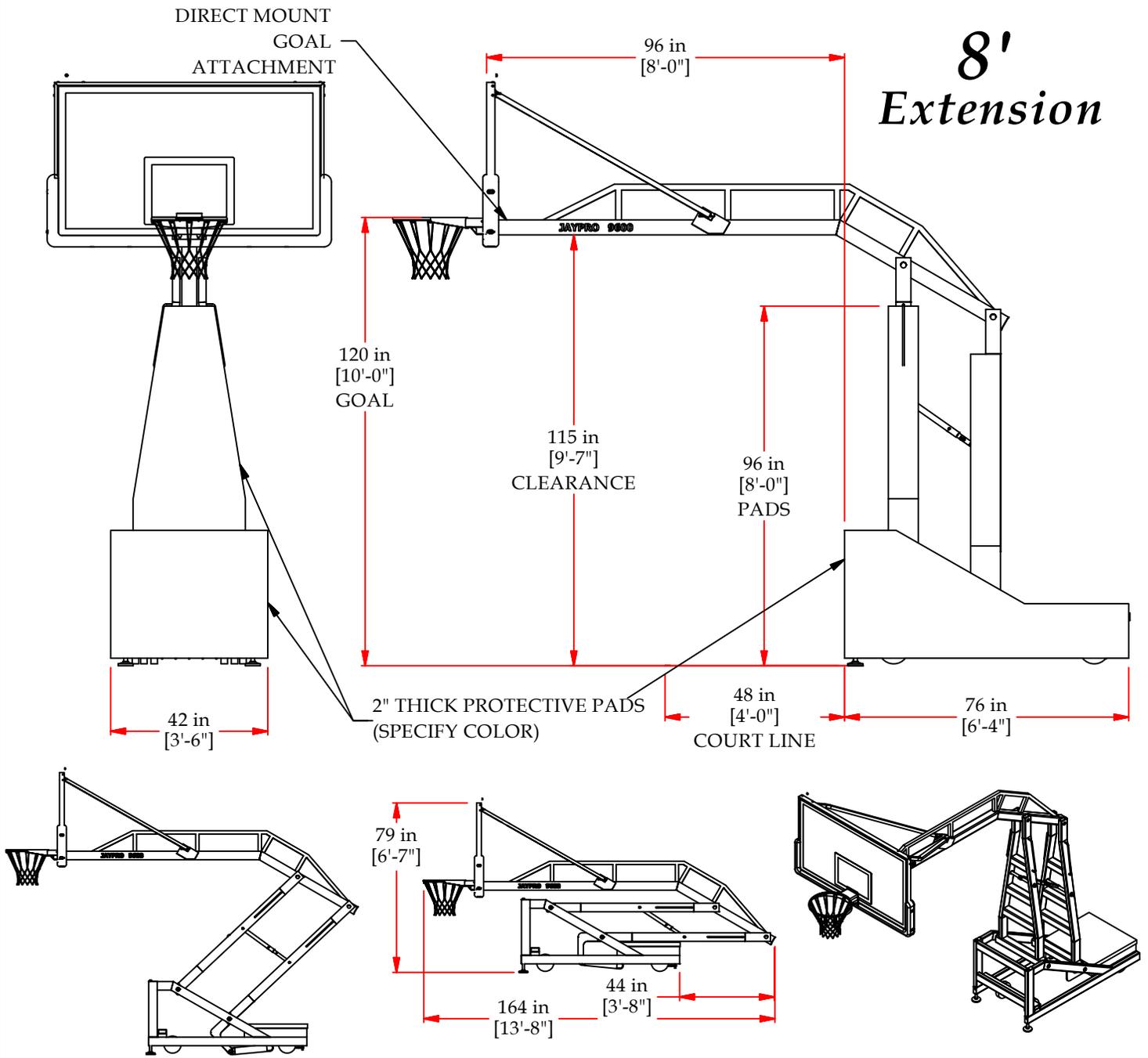
PBEL54: Jaypro Elite 5400

PBEL66: Jaypro Elite 6600

PBEL96: Jaypro Elite 9600



# JAYPRO ADJUSTABLE / PORTABLE BACKSTOP SYSTEM



**8'**  
*Extension*

**FACE OF BANK TO PAD SETBACK:**  
@ 10' ~ 96" @ 9' ~ 55" @ 8' ~ 40"

**BACKSTOP SHOWN FOLDED IN  
TRANSPORT / STORAGE POSITION**

**BACKSTOP SHOWN IN PLAYING  
POSITION, WITHOUT PADS**

Specifications:

- Ballast Weight: 1000 lbs
- Backboard Size: 42" X 72" Glass
- Goal Type: GBA-18042
- Edge Pad: MBBP-6
- Wheels: 8" Diameter, 2" Thick, non-marking

Features:

- Front foot leveling.
- Easy one-person setup & height adjustment.
- Pin-stop adjustments at 6" increments between 8' & 10' for alternate playing heights.
- Rear anchor kit - OPTIONAL.

Standard Pad Colors: Red or Royal Blue  
Other Colors Available: (Please Specify)

- Yellow
- Black
- Navy Blue
- Columbia Blue
- Kelly Green
- Forest Green
- White
- Orange
- Gray
- Purple
- Maroon
- Tan

REV.	DESCRIPTION	DATE	BY
A	PAD COLORS	11/1	MT

**PBEL96  
PORTABLE BACKSTOP  
WITH 96" EXTENSION**



FAX: 860.444.1779 (SALES)  
860.440.0628 (ENG.)

PHONE: 800.243.0533 (TOLL FREE)  
860.447.3001 (LOCAL)

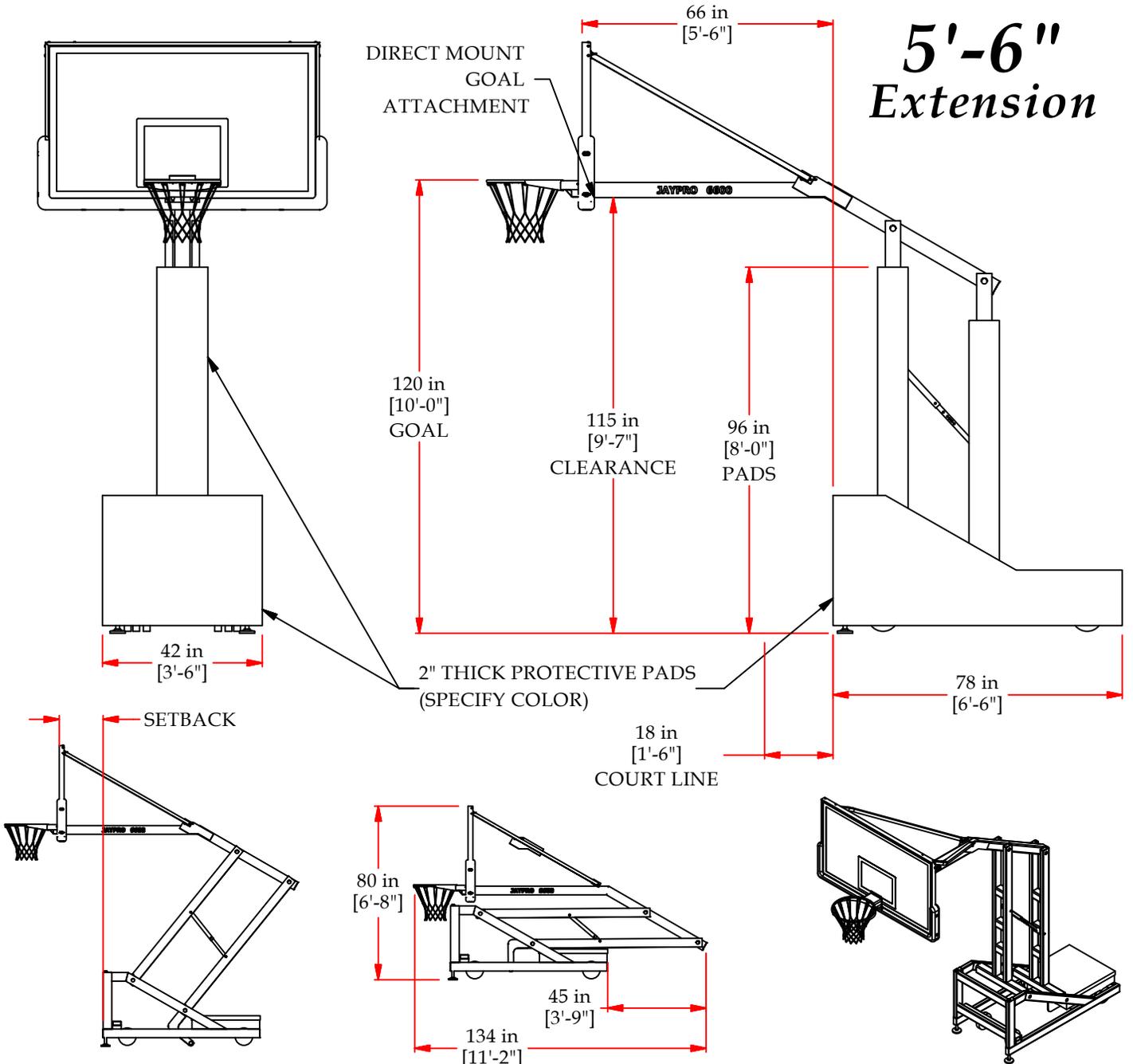
DRAWING NAME / PART NUMBER: <b>PBEL96</b>	
DRAWN BY: MT/MJE	ISSUE DATE: 2/3/2009
CHK'D BY: WVB	CHK'D DATE: 11/1/2010
SHEET: 1 OF 1	REV: <b>A</b>

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JAYPRO SPORTS, LLC, 976 HARTFORD TURNPIKE, WATERFORD, CT 06385 USA

# JAYPRO ADJUSTABLE / PORTABLE BACKSTOP SYSTEM



**5'-6"**  
*Extension*

**FACE OF BANK TO PAD SETBACK:**  
@ 10' ~ 66" @ 9' ~ 25" @ 8' ~ 10"

**BACKSTOP SHOWN FOLDED IN  
TRANSPORT / STORAGE POSITION**

**BACKSTOP SHOWN IN PLAYING  
POSITION, WITHOUT PADS**

Specifications:

- Ballast Weight: 800 lbs
- Backboard Size: 42" X 72" Glass
- Goal Type: GBA-18042
- Edge Pad: MBBP-6
- Wheels: 8" Diameter, 2" Thick, non-marking

Features:

- Front foot leveling.
- Easy one-person setup & height adjustment.
- Pin-stop adjustments at 6" increments between 8' & 10' for alternate playing heights.
- Rear anchor kit - OPTIONAL.

Standard Pad Colors: Red or Royal Blue

Other Colors Available: (Please Specify)

- Yellow
- White
- Black
- Orange
- Navy Blue
- Gray
- Columbia Blue
- Purple
- Kelly Green
- Maroon
- Forest Green
- Tan

REV.	DESCRIPTION	DATE	BY
A	PAD COLORS	11/1	MT

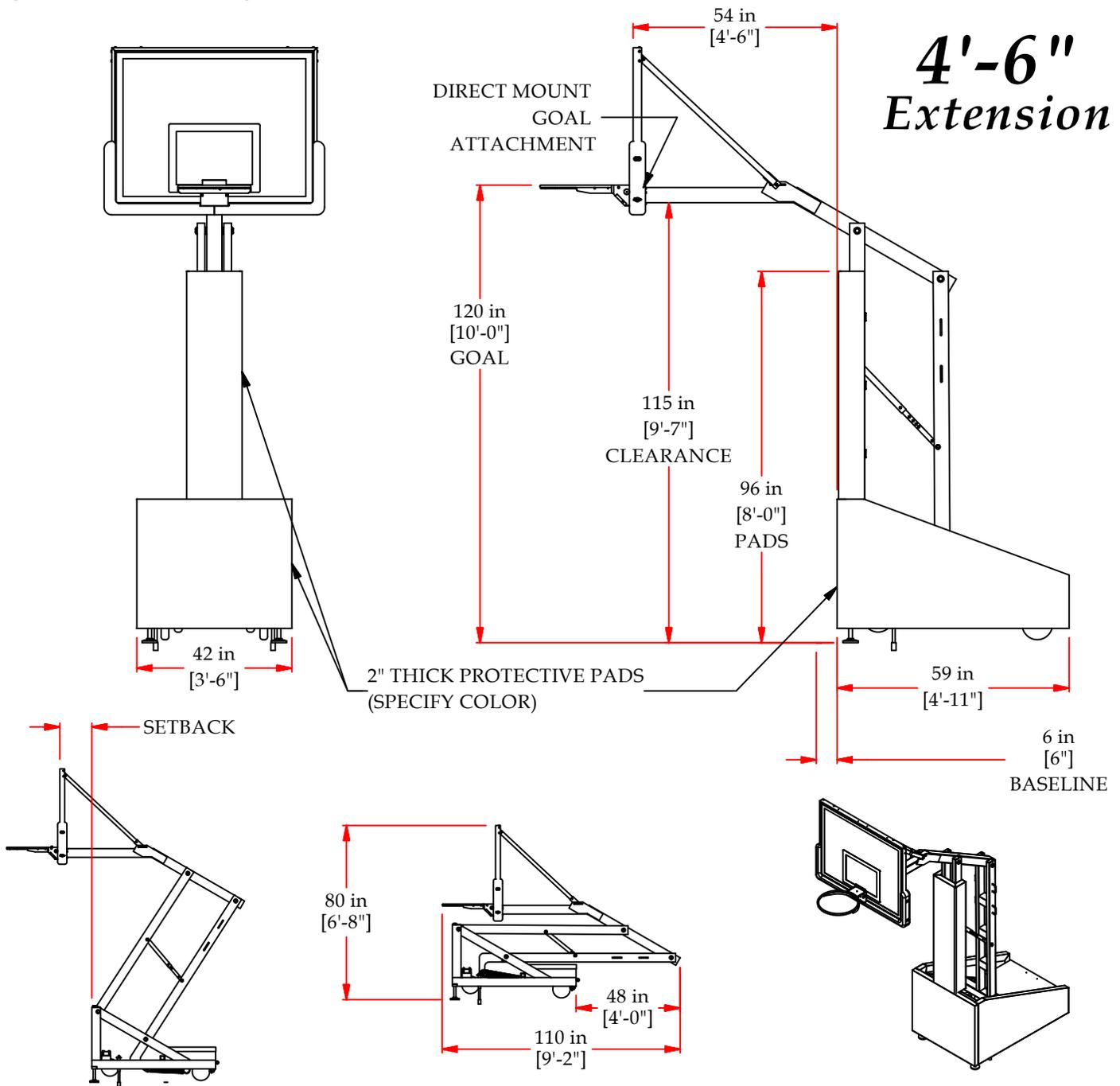
**PBEL66  
PORTABLE BACKSTOP  
WITH 66" EXTENSION**



DRAWING NAME / PART NUMBER:	
<b>PBEL66</b>	
DRAWN BY:	ISSUE DATE:
MT/MJE	2/3/2009
CHK'D BY:	CHK'D DATE:
WVB	11/1/2010
SHEET:	REV:
1 OF 1	<b>A</b>

# JAYPRO ADJUSTABLE / PORTABLE BACKSTOP SYSTEM

## 4'-6" Extension



**FACE OF BANK TO PAD SETBACK:**  
 @ 10' ~ 54" @ 9' ~ 13" @ 8' ~ 0"

**BACKSTOP SHOWN FOLDED IN TRANSPORT / STORAGE POSITION**

**BACKSTOP SHOWN IN PLAYING POSITION**

**Specifications:**

- Ballast Weight: 800 lbs (1,000 w/ 42" x 72" Glass)
- Backboard Size: 42" X 54" Glass
- Goal Type: GBA-542
- Edge Pad: MBBP-54
- Wheels: 8" Diameter, 2" Thick, non-marking
- Weight: 1600 lbs.

**Features:**

- Front foot leveling.
- Easy one-person setup & height adjustment.
- Pin-stop adjustments at 6" increments between 8' & 10' for alternate playing heights.
- Rear anchor kit - OPTIONAL.

**Standard Pad Colors: Red or Royal Blue**  
**Other Colors Available: (Please Specify)**

- Yellow
- Black
- Navy Blue
- Columbia Blue
- Kelly Green
- Forest Green
- White
- Orange
- Gray
- Purple
- Maroon
- Tan

REV.	DESCRIPTION	DATE	BY
A	PAD COLORS	11/1	MT

**PBEL54**  
**PORTABLE BACKSTOP**  
**WITH 54" EXTENSION**



FAX: 860.444.1779 (SALES)  
 860.440.0628 (ENG.)  
 PHONE: 800.243.0533 (TOLL FREE)  
 860.447.3001 (LOCAL)  
 JAYPRO SPORTS, LLC, 976 HARTFORD TURNPIKE, WATERFORD, CT 06385 USA

DRAWING NAME / PART NUMBER:	
<b>PBEL54</b>	
DRAWN BY: MT/MJE	ISSUE DATE: 2/3/2009
CHK'D BY: WVW	CHK'D DATE: 11/1/2010
SHEET: 1 OF 1	REV: <b>A</b>

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# 1 Safety

- **IMPORTANT: LIFT-ASSIST SPRINGS UNDER EXTREME TENSION. DO NOT ADJUST SPRINGS WITHOUT CONSULTING MANUAL, SEE SECTION 12 (PAGE 25).**
- **IMPORTANT: DO NOT REMOVE SAFETY STRAP OR QUICK-RELEASE PIN UNTIL THE BACKBOARD AND RIM HAVE BEEN INSTALLED. FAILURE TO COMPLY MAY RESULT IN SEVERE OR FATAL INJURY AS WELL AS SIGNIFICANT DAMAGE TO SURROUNDING STRUCTURES.**
- Follow all warning labels on backstops.
- Do not stand directly behind uprights when raising or lowering the backstop.
- Be sure that area within 8 feet (2.5 meters) of backstop is clear of bystanders before raising or lowering.
- Obtain assistance if lifting/lowering operation is too strenuous.
- Do not use backstop unless it is pinned at game-height using the supplied quick release pin.
- Unit must be pinned in position using supplied quick-release pin at all times unless raising or lowering.
- When raising or lowering, do not release handles unless backstop is pinned in position with the supplied quick-release pin.
- Do not attempt to remove the backboard unless the unit is pinned in position with the supplied quick-release pin.
- Do not hang on rim.
- Do not use power tools to raise or lower feet.
- Do not use backstop for gameplay unless feet have been lowered to game height.
- Inspect backstop for damage before and after each use.

# 2 Specifications

	Extension	Ballast	Standard Backboard	Standard Rim	Total Weight
Jaypro Elite 9600	96"	1000 lbs	GBRUB-42 (42" x 72")	GBA-18042	2,600 lbs
Jaypro Elite 6600	66"	800 lbs	GBRUB-42 (42" x 72")	GBA-18042	2,400 lbs
Jaypro Elite 5400	54"	800 lbs <sup>1</sup>	GBRUB-54 <sup>2</sup> (42" x 54")	GBA-642	1,600 lbs

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<sup>1</sup> When PBEL54 shipped with 72" board (optional upgrade), 1000 lbs of ballast is included.

<sup>2</sup> GBRUB-42 available as optional upgrade, must be specified at time of order

### 3 Introduction

This guide describes the installation and use of the ELITE Series Adjustable Portable Backstops, models PBEL54, PBEL66, and PBEL96.

The sections of this guide that detail the initial setup of the backstop is written with experienced mechanical contractors/installers in mind. If you require additional information or support to install your backstops, please contact the Jaypro Sports customer support team, Monday through Friday, 8:30AM to 5:00 PM (EST), at 1-800-243-0533.

The guide is organized in the order of operations required for initial assembly, installation, and setup. The installer is responsible to carry out the procedures described in sections 1 through 10. Section 11 describes the procedure for raising and lowering the backstop and is intended to be used by the end-user. Section 12 describes the procedure for adjusting the lift-assist springs and should only be used by an experienced contractor/installer. Please contact the Jaypro Sports customer support team, Monday through Friday, 8:30AM to 5:00 PM (EST), at 1-800-243-0533 if assistance with locating an experienced professional is required.

### 4 Required Tools

Before continuing, please verify that you have the following tools required to complete the installation and setup of your Elite series adjustable portable backstop.

- Ratcheting socket wrench with 24mm deep socket (supplied)
- Ratcheting socket wrench with 7/8" deep socket
- Hex wrench (5/64")
- Adjustable wrench
- #2 Phillips screwdriver
- Level
- 7/8" Transfer punch (recommended)
- 1-1/8" hole saw
- 1-3/8" hole saw
- Adhesive suitable for metal-to-wood bonding
- Sandpaper, 180 – 320 grit

## 5 Included Hardware & Components

Before continuing, please verify that you have all the required hardware (included w/ unit) for installation and setup. If any of the following items are missing, contact the Jaypro Sports customer support team, Monday through Friday, 8:30AM to 5:00 PM (EST), at 1-800-243-0533.

### 5.1 Miscellaneous Hardware



Figure 5-1: Quick-release pin for height adjustment (1X)

### 5.2 Locator Kit

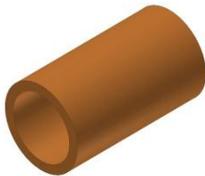


Figure 5-2: Locator Pin Bushing (2X)

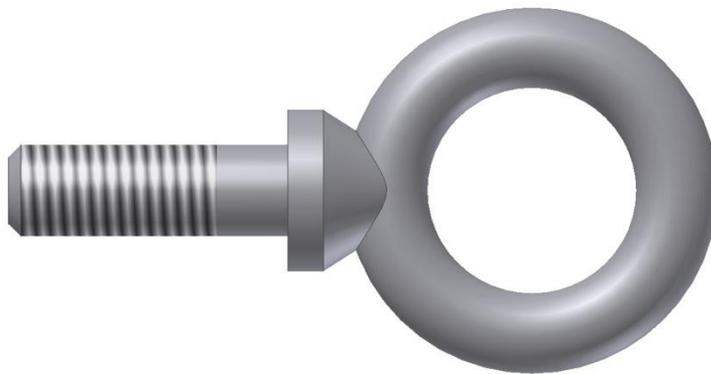
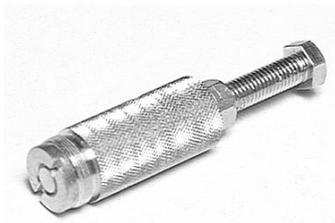


Figure 5-3: Locator Pin (2X)



Figure 5-4: Wire-snap safety pin for locator pins (2X)

### 5.3 Anchor Kit (PBELKIT)<sup>3</sup>



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<sup>3</sup> Included with PBEL96, optional on PBEL66 & PBEL54.

Figure 5-5: FP-90 Floor Anchor (1X)



Figure 5-7: Shackle (2X)

Figure 5-6: 1/2"-13 Eyebolt w/ shoulder (1X)



Figure 5-8: Twisted chain (8")

## 5.4 Backboard

Figure 5-9: Backboard (72" board supplied w/ PBEL96 & PBEL 66, 54" with PBEL54)

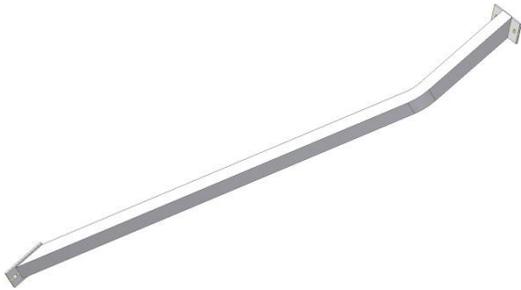


Figure 5-10: Left (viewed from court) backboard support arm (1X).

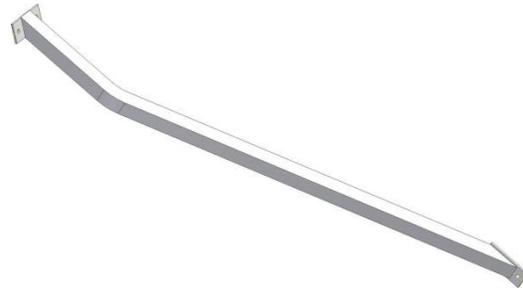


Figure 5-11: Right (viewed from court) backboard support arm (1X).

## 5.5 Backboard hardware kit



Figure 5-12: 5/16"-18 Flanged Hex Nuts (2X)



Figure 5-13: 5/16"-18 x 1-1/8" Carriage Bolt (2X)



Figure 5-14: 5/16" Flat Washer (2X)



Figure 5-15: 5/16" Split Washer (2X)



Figure 5-16: 3/8"-16 x 1-1/2" Hex Bolt (2X)



Figure 5-17: 3/8" Flat Washer (2X)



Figure 5-18: 3/8"-16 x 1" Carriage Bolt (2X)



Figure 5-19: 3/8" Split Washer (2X)



Figure 5-20: 3/8"-16 Flanged Hex Nuts (4X)

## 5.6 Rim



Figure 5-21: Breakaway Rim (1X, model varies)

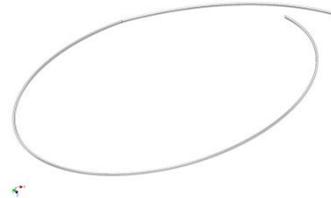


Figure 5-22: Nylon Net Tie (1X)



Figure 5-23: 3/8"-16 Flanged Hex Nuts (4X)



Figure 5-24: 3/8" Flat Washer (4X)



Figure 5-25: 3/8" Split Washer (4X)

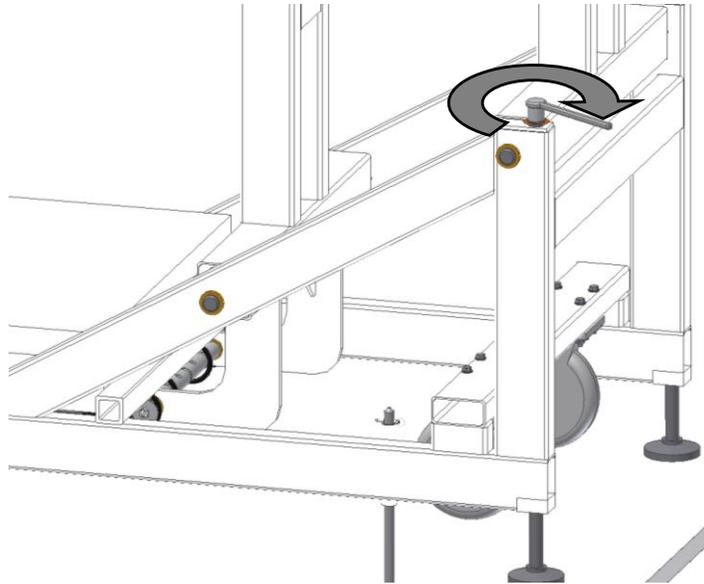


Figure 5-26: 3/8" x 3-3/4" Hex Bolt (4X)

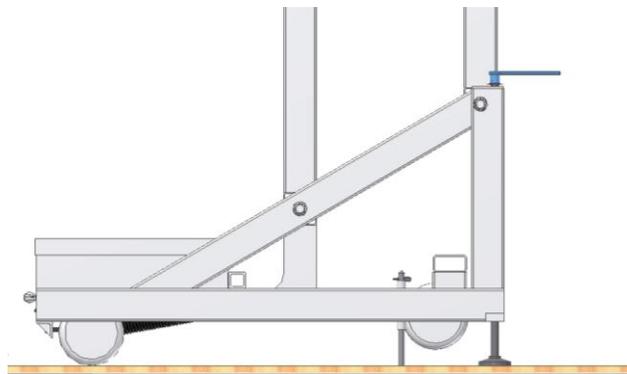
## 6 Installing Backboard/Rim

**WARNING: DO NOT REMOVE SAFETY STRAP OR QUICK-RELEASE PIN UNTIL THE BACKBOARD AND RIM HAVE BEEN INSTALLED. FAILURE TO COMPLY MAY RESULT IN SEVERE OR FATAL INJURY AS WELL AS SIGNIFICANT DAMAGE TO SURROUNDING STRUCTURES.**

1. Lower both feet (Figure 6-1) using the supplied socket wrench until both side 2-by-4's of the base are level (Figure 6-2).

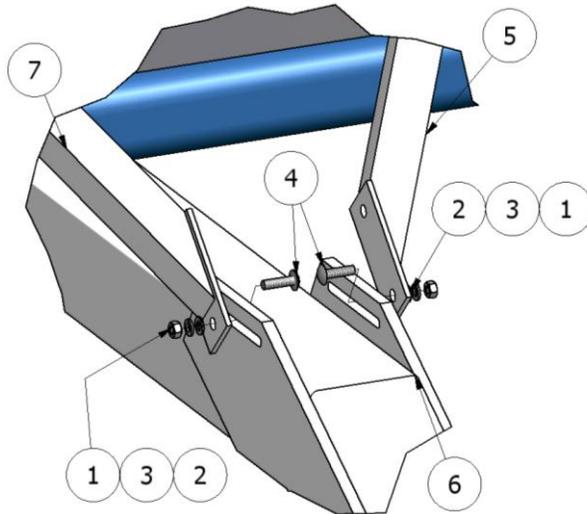


**Figure 6-1: Lower feet using supplied socket wrench.**



**Figure 6-2: Lower feet until bottom horizontal 2" x 4" 's are level.**

2. Attach left and right backboard support arms to slots in boom using the 5/16"-18 x 3/4" carriage bolts (2X), 5/16" flange nuts (2X), 5/16" flat washers (4X), and 5/16" split washers (2X) as shown in Figure 6-3. Hand-tighten the nuts; do not use a wrench.



PARTS LIST		
ITEM	QTY	DESCRIPTION
1	2	5/16" Hex Nut
2	2	5/16" Plain Washer
3	2	5/16" Spring Lock Washers
4	2	5/16-18 x 1-1/4" Carriage Bolt
5	1	Left Backboard Support Arm
6	1	PBEL54 Boom
7	1	Right Backboard Support Arm

Figure 6-3: Install backboard support arms to slots in boom.

- Support backboard such that the mounting holes in the bottom middle of frame are in line with the bolt pattern on the end of the boom (Figure 6-4). Sawhorses or a forklift may be used if additional hands are not available to help.

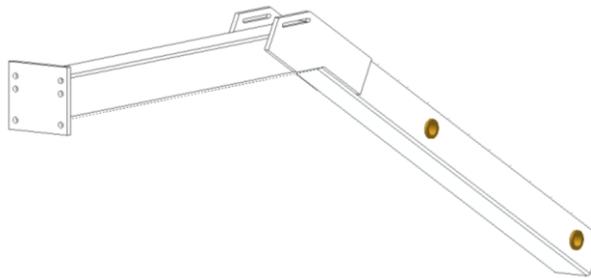


Figure 6-4: Backstop boom.

- Insert 3/8"-16 x 1 1/2" hex bolts (2X), 3/8" flat washers (2X), and 3/8" split washers (2X) into middle row of holes in backboard mount (Figure 6-5, details A & B).
- Slide the bolts in step 4 into the middle set of holes of the backstop boom. Fasten bolts to boom using the 3/8" flat washers (2X) and the 3/8" flanged nuts. Hand-tighten the nuts.
- Attach the backboard support arms to the slots in the top of the backboard frame using the 3/8"-16 x 1 1/4" carriage bolts (2X), 3/8" split washers (2X), 3/8" flat washers (4X), and 3/8" flanged nuts (2X) as shown in Figure 6-5 (detail C). Hand-tighten the nuts.
- Check the plumb and of the backboard. If it is not plumb, slide the backboard support arms in the slots in the boom until the board is plumb. Once the board is plumb, wrench-tighten all nuts.

8. Remove front cover from supplied rim.
9. Fasten rim to board using the 3/8"-16 x 3<sup>3</sup>/<sub>4</sub>" hex bolts (4X), 3/8" flat washers (8X), 3/8" split washers (4X), and 3/8" flanged nuts (4X) as shown in Figure 6-6. Ensure that rim is level, side-to-side<sup>4</sup>, before fully tightening nuts.
10. Replace rim cover.
11. Follow instructions included with rim to attach net.

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<sup>4</sup> Level rim front-to-back using adjusting bushing in board.

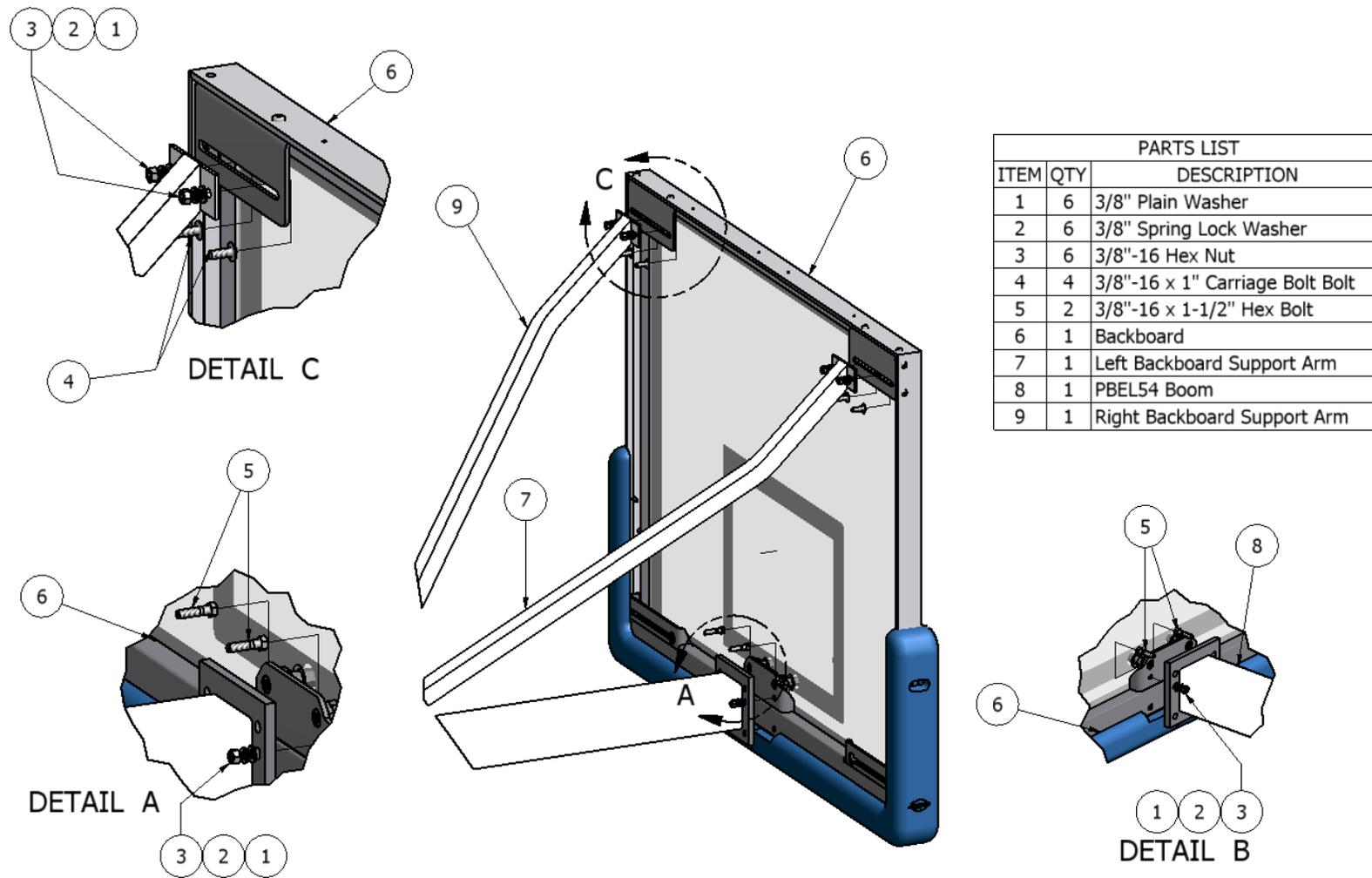


Figure 6-5: Installation of backboard to boom.

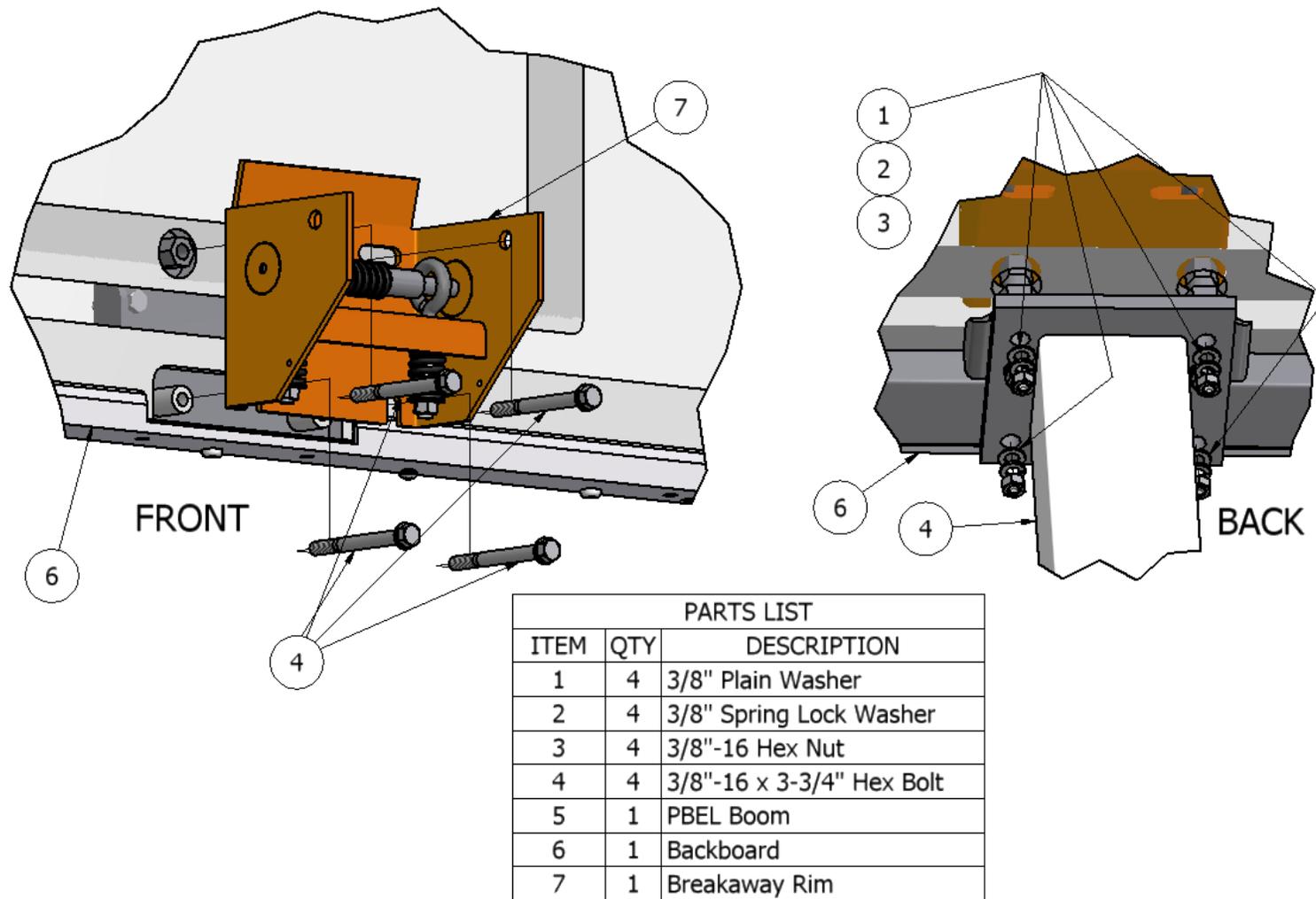


Figure 6-6: Attach rim to board.

## 7 Unpacking

**WARNING: DO NOT REMOVE SAFETY STRAP OR QUICK-RELEASE PIN UNTIL THE BACKBOARD AND RIM HAVE BEEN INSTALLED. FAILURE TO COMPLY MAY RESULT IN SEVERE OR FATAL INJURY AS WELL AS SIGNIFICANT DAMAGE TO SURROUNDING STRUCTURES.**

1. **ONLY IF BACKBOARD HAS BEEN INSTALLED**, remove quick-release pin from height adjuster mechanism (Figure 7-1).

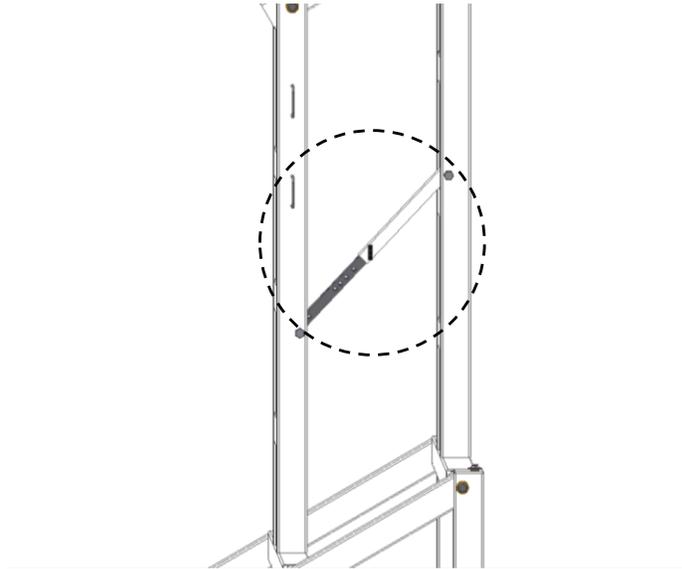


Figure 7-1: Height adjuster mechanism

2. Carefully remove shipping strap by pressing on the buckle release.
  - a. Pay extra attention when removing the strap to make sure that the backstop does not begin to rise on its own. If it does, retighten strap, reinstall the quick-release pin and refer to section 12 for details on how to adjust the springs<sup>5</sup>.
  - b. If the unit does not rise on its own (indicates that springs are correctly adjusted), reinstall the quick-release pin to lock in the storage position or refer to section 11 for instructions on how to raise the backstop.
3. Remove all the protective wrapping from the frame. Be careful to not scratch the powder-coated finish if using a box-cutter or other sharp object.

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<sup>5</sup> Spring tension is preset at factory. Under normal circumstances, spring adjustment is not typically necessary.

## 8 Set Foot Stops

**WARNING: DO NOT STAND DIRECTLY BEHIND UPRIGHTS WHEN RAISING OR LOWERING THE BACKSTOP. SEE Figure 8-1 FOR DETAILS ON WHERE TO SAFELY POSITION YOURSELF WHEN RAISING/LOWERING THE BACKSTOP.**

**WARNING: BE SURE THAT AREA WITHIN 8 FEET (2.5 METERS) IS CLEAR OF BYSTANDERS BEFORE RAISING OR LOWERING.**

**WARNING: DO NOT USE BACKSTOP UNLESS IT IS PINNED AT GAME-HEIGHT USING THE SUPPLIED QUICK RELEASE PIN.**

**WARNING: UNIT MUST BE PINNED IN POSITION USING SUPPLIED QUICK-RELEASE PIN AT ALL TIMES UNLESS RAISING OR LOWERING.**

**WARNING: WHEN RAISING OR LOWERING, DO NOT RELEASE HANDLES UNLESS BACKSTOP IS PINNED IN POSITION WITH THE SUPPLIED QUICK-RELEASE PIN.**

**WARNING: DO NOT REMOVE SAFETY STRAP OR QUICK-RELEASE PIN UNTIL THE BACKBOARD AND RIM HAVE BEEN INSTALLED. FAILURE TO COMPLY MAY RESULT IN SEVERE OR FATAL INJURY AS WELL AS SIGNIFICANT DAMAGE TO SURROUNDING STRUCTURES.**

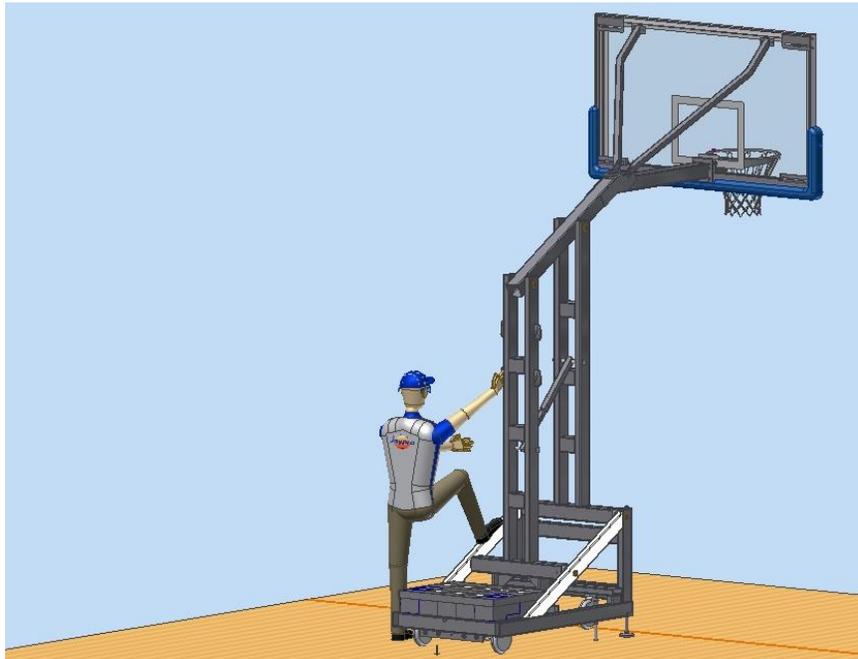


Figure 8-1: Where to safely stand when raising/lowering backstop.

1. Lower both feet (Figure 6-1) using the supplied socket wrench until both side horizontal 2x4's of the base are level (Figure 6-2).

2. **ONLY IF BACKBOARD IS INSTALLED**, remove the quick-release pin from the height adjuster mechanism (Figure 7-1).
3. Stand to one side of the unit and lift one of the two handles on the lower upright (Figure 8-2).
  - a. If raising the backstop is too strenuous obtain assistance before attempting to raise.
  - b. Be sure to maintain control of the uprights while raising. Do not release handle while raising.

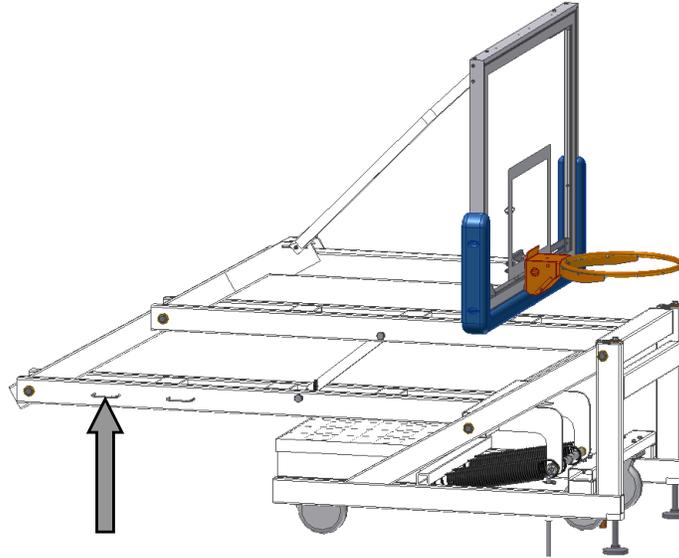


Figure 8-2: Lift handle on lower upright.

4. Raise backstop to maximum height (the uprights will reach a hard stop and will be fully vertical).
  - c. Insert the quick-release pin into the height adjuster.
5. Verify that the top of the rim is at a height of 10 feet off the ground.
  - d. If the rim is not at 10 feet, adjust both feet (be sure to maintain level side-to-side) until it is.
  - e. Ensure that both side and front horizontal 2x4's of the base are level (Figure 6-2).
6. With the backstop still set to 10', verify that the board is still plumb. If not, adjust according to the procedure in section 0 (step 7).
7. Set both foot stops to the bottom of the openings in the front of the base and tighten both setscrews using the 5/64" hex wrench (Figure 8-3).

- c. You may need to rotate the stops until the setscrews are facing outward to tighten screws.
- d. Tighten setscrews as much as possible without damaging hex socket.

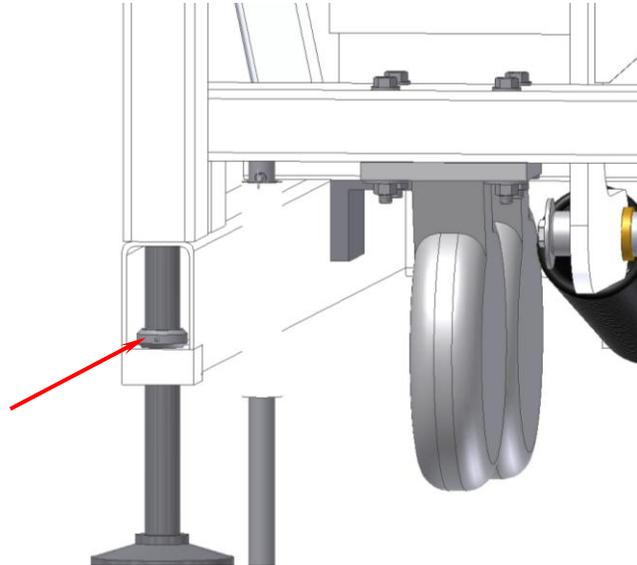


Figure 8-3: Tighten set screws on foot stops.

8. With the stops in place, the feet can be lowered until a hard stop is reached, which lets the user know that the feet are at the correct setting to ensure that the rim is exactly at the height indicated on the height adjustment mechanism.

**CAUTION: Once the foot stops are set, never apply excessive force when raising or lowering the feet. If too much resistance is encountered, remove the front padding and verify that the foot stops have not become undone and that there are no objects obstructing the feet.**

9. Lower the backstop to the transport position by removing the quick-release pin and pulling back on handles until backstop is fully lowered.
  - a. Always stand on the same side of the unit as the ring on the quick-release pin when pulling the pin; never reach across to the other side of the upright to pull the pin.
10. Pin the unit in the lowered (transport) position.
11. Raise the feet until both feet are off the ground and the unit rolls freely on all four wheels.

## 9 Padding Installation

Padding should be installed after the foot stops have been set (see section 8 above).

### 9.1 Included Padding

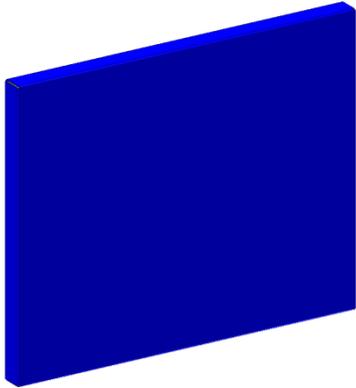


Figure 9-1: Front Pad, (1X)

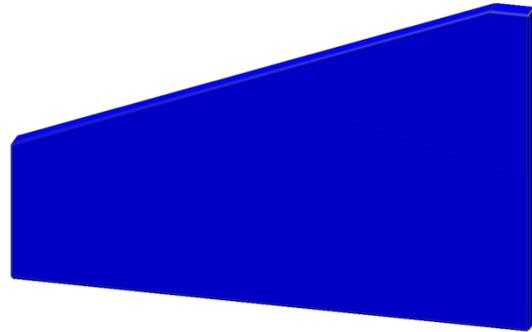


Figure 9-2: Side Pads (1X Right, 1X Left)

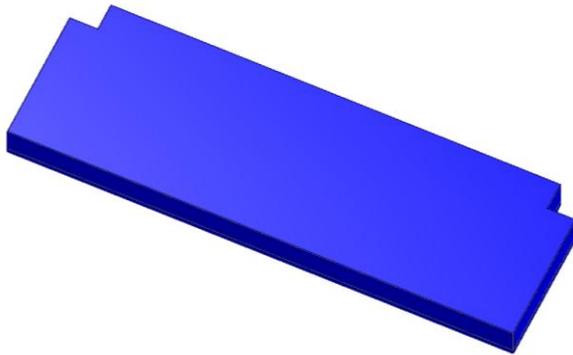
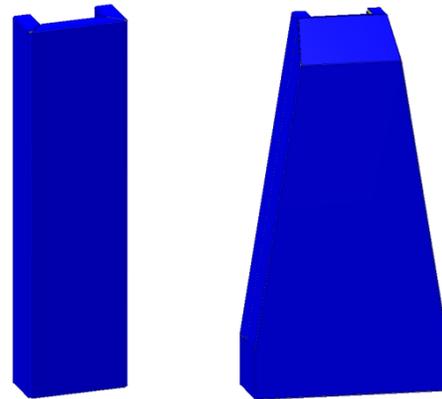


Figure 9-3: Top Pad (1X, PBEL66/PBEL96 Only)



PBEL54/PBEL66

PBEL96

Figure 9-4: Upright Pad (1X, Styles will vary)



Figure 9-5: U-Clip (PBEL54: 10X, PBEL66/96: 8X)

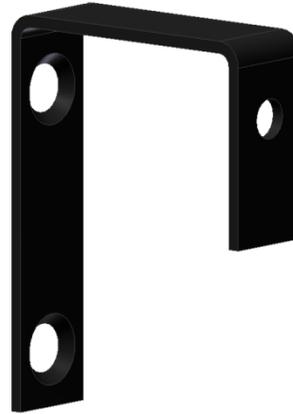


Figure 9-6: L-Clip (2X, PBEL66/96 Only)



Figure 9-7: Wood screws – 1/4" x 1" (20X)

## 9.2 Padding Installation

2. Install the left and right side pads.
  - a. Properly locate the side pads by aligning the holes on the inside faces of the pads with the hubs on the sides PBEL base frame (Figure 9-8).

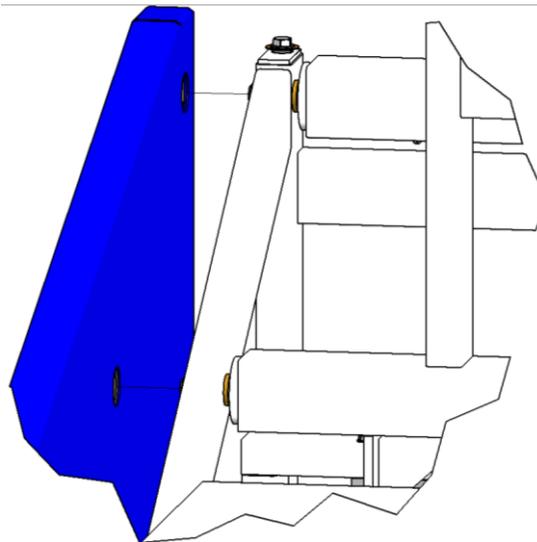
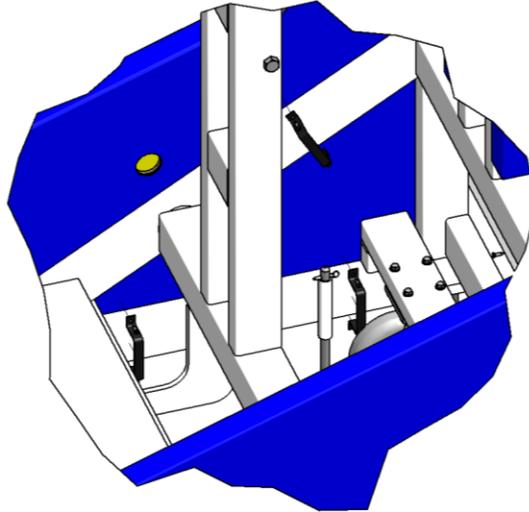


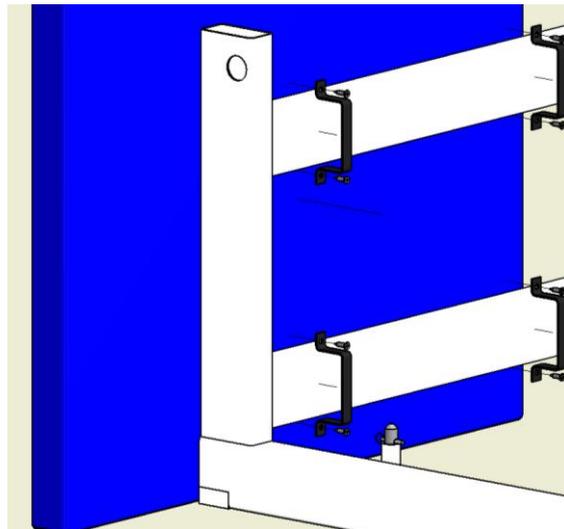
Figure 9-8: Align holes in side pads with hubs on base frame.

- b. Fasten the side pads to the base frame using two U-Clips along the horizontal 2x4 and one U-Clip along the diagonal 2x4 (Figure 9-9).



**Figure 9-9: Fasten side pads to base frame with U-Clips.**

3. Install the front pad (PBEL54):
  - a. Lower the unit by retracting the feet until the front wheels are on the ground.
  - b. Support the front pad against the front of the base frame such that the top is flush with the tops of the side pads. Use of 1/4" - 3/8" shim is recommended.
  - c. Fasten front pad to base frame using two U-Clips along the top horizontal 2x4 and two U-Clips along the bottom horizontal 2x4 (Figure 9-10).



**Figure 9-10: Fasten front pad with U-Clips.**

4. Install the front pad (PBEL66/PBEL96):

- a. Mark the locations for the L-Clips on the rear of the front pad according to the diagram below (Figure 9-11):

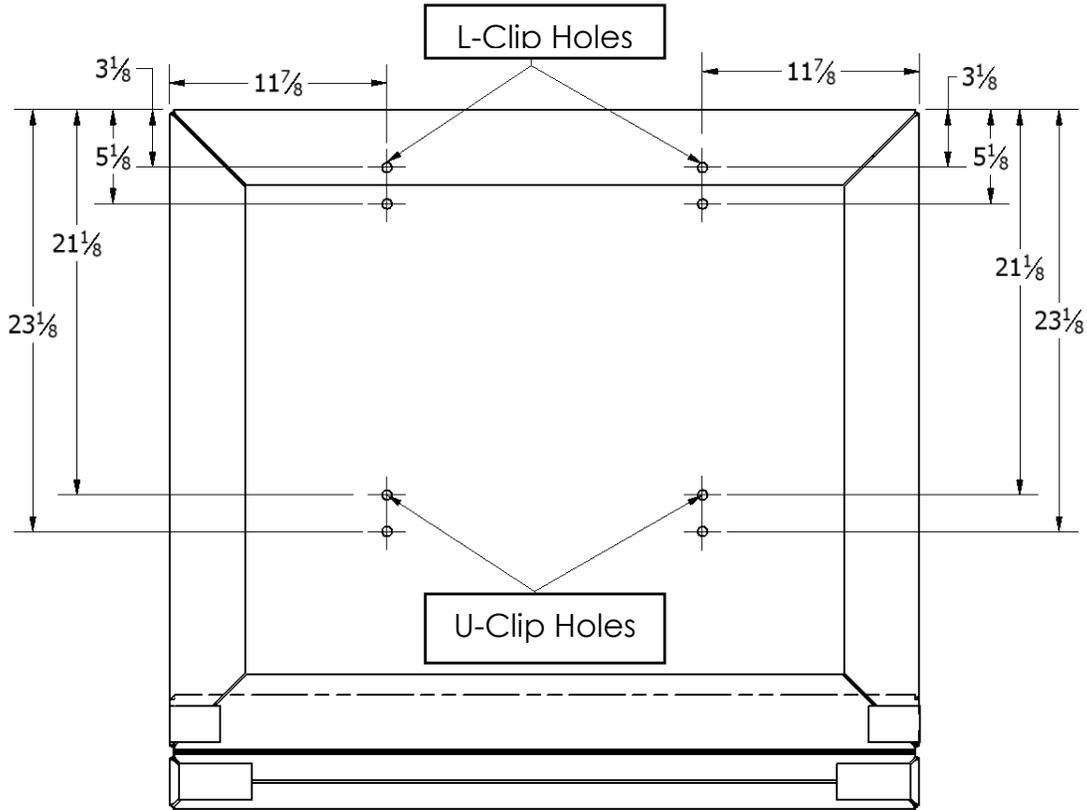
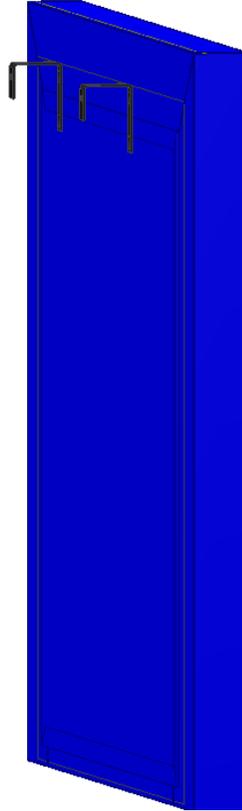


Figure 9-11: Location of holes for J- & L-Clips

- b. Fasten the L-Clips to the rear of the front pad at the locations marked above and in the orientation shown below (Figure 9-12):



**Figure 9-12: L-Clips fastened to the front pad.**

- c. Place the rear of the front pad against the front of the base frame with the clips above each of the front horizontal 2x4's.
  - d. Slide the pad downward until the L-Clips are fitted securely over the top 2x4.
  - e. Secure the front pad to the bottom front 2x4 with two u-brackets.
5. Install the top pad (PBEL66/PBEL96)<sup>6</sup>:
    - a. Slide the top pad into the space between the tops of the front and side pads. Be sure to orient the notches over the foot adjusters (hex heads).
  6. Install the upright pads:
    - a. Fasten the upright pad to the front using the hook-and-loop straps.

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<sup>6</sup> There is no top pad for the PBEL54.

## 10 Installing Floor Anchor and Locator Bushings

The holes for the floor anchor and locator bushings are located in reference to both the baseline of the court as well as the centerline perpendicular to the baseline.

1. Locate holes. There are two options for locating the holes for the anchor and locator bushings.

### Option 1:

Locate the holes according to the diagram below that is appropriate for your backstop model:

- a. PBEL54 (54" overhang): refer to Figure 10-1
- b. PBEL66 (66" overhang): refer to Figure 10-2
- c. PBEL96 (96" overhang): refer to Figure 10-3

### Option 2:

- a. Position the backstop such that it is centered on court and the front surface (padding removed) is the correct distance from the baseline (see figure below, distance varies depending on model).
  - b. Use the transfer punch to locate holes for locator bushings.
  - c. Locate hole for FP-90 floor anchor such that there will be some slack in the chain when installed to anchor point at rear of PBEL base frame.
2. Follow the instructions included with the PBELKIT to install the FP-100 floor anchor.
  3. Drill the holes for the locating bushings using the 1-1/8" hole saw. Drill all the way through the floor surface.
  4. Sand the inside surface of the hole and the outside surface of the bushing.
  5. Clean and dry all sanded surfaces.
  6. Liberally apply adhesive to surface of the drilled hole only.
  7. Press the bushing into the hole until it is approximately 1/16" below the floor surface.
  8. Clean up any adhesive residue according to manufacturer's instructions.

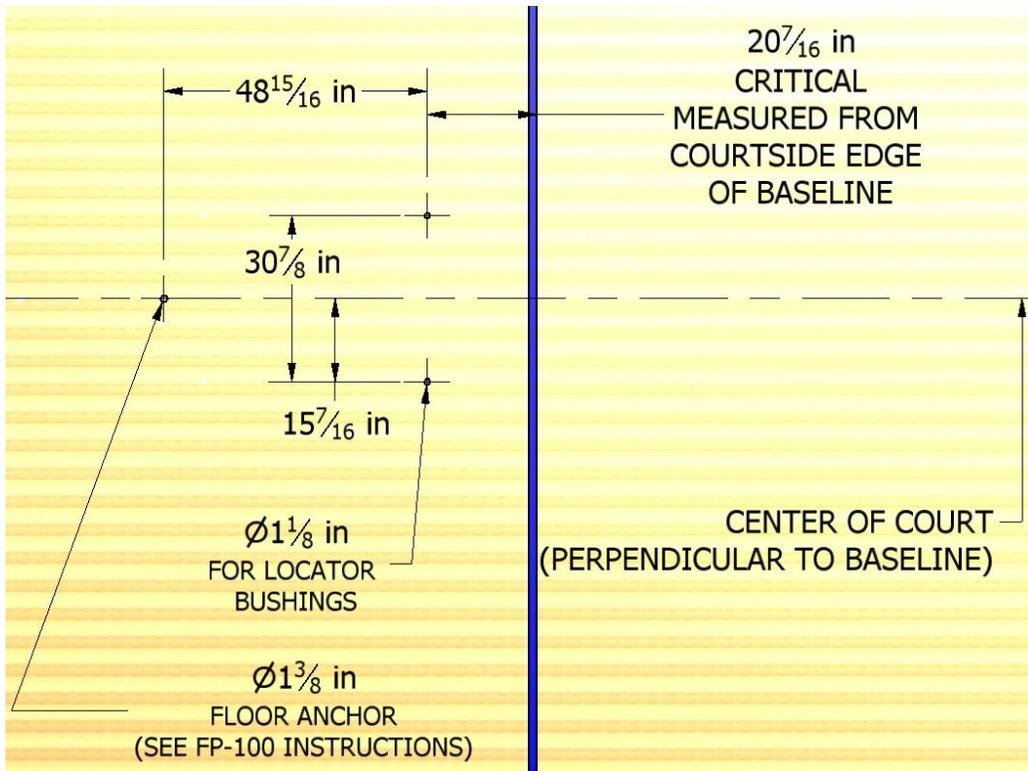


Figure 10-1: PBEL54 Locating and anchor holes.

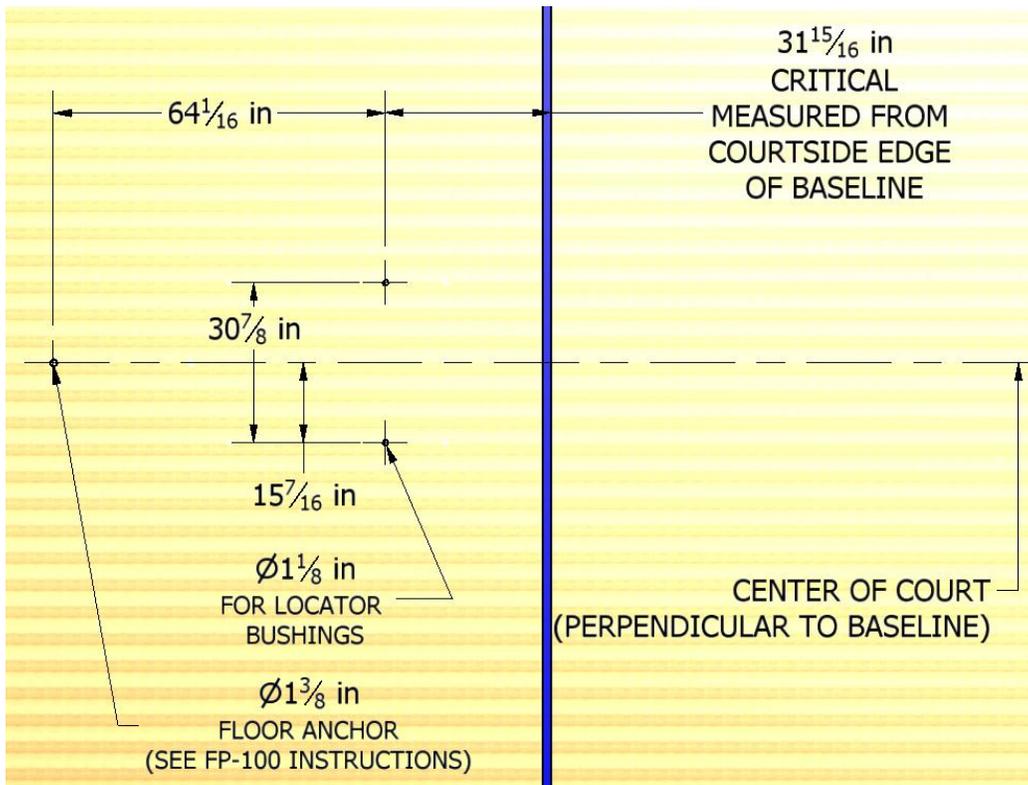


Figure 10-2: PBEL66 Locating and anchor holes.

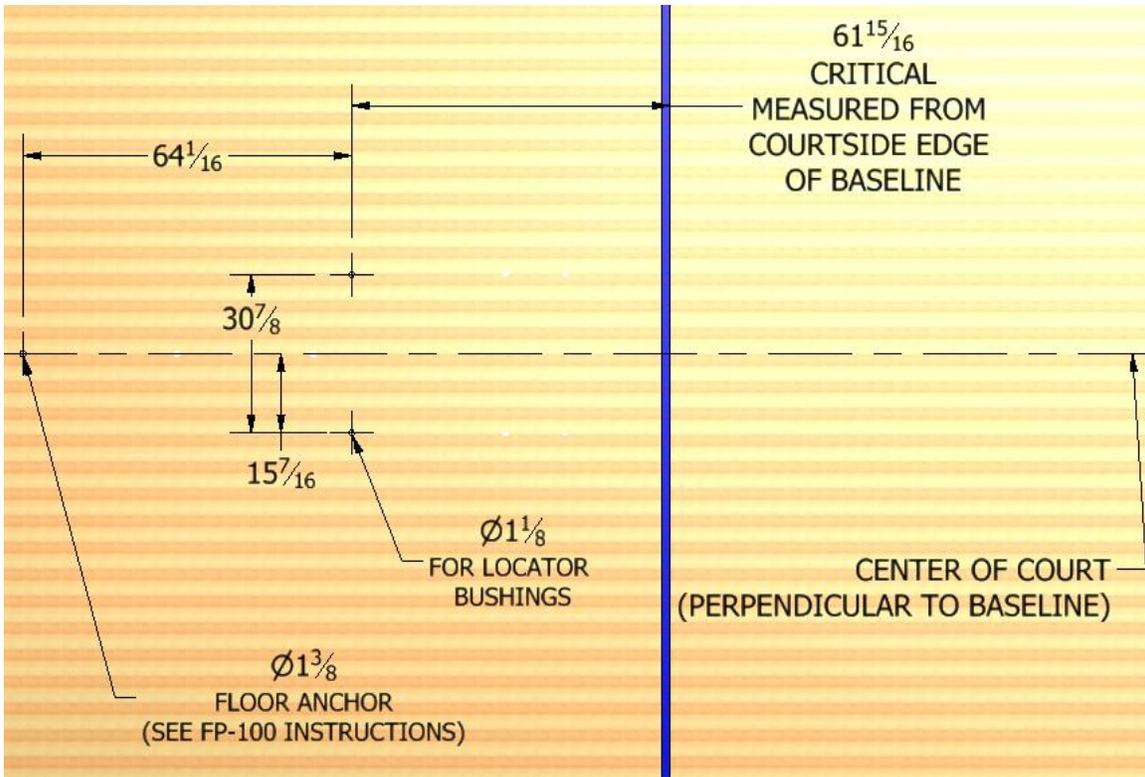


Figure 10-3: PBEL96 Locating and anchor holes.

## 11 Raising/Lowering Backstop

**WARNING: DO NOT STAND DIRECTLY BEHIND UPRIGHTS WHEN RAISING OR LOWERING THE BACKSTOP. SEE Figure 8-1 FOR DETAILS ON WHERE TO SAFELY POSITION YOURSELF WHEN RAISING/LOWERING THE BACKSTOP.**

**WARNING: BE SURE THAT AREA WITHIN 8 FEET (2.5 METERS) IS CLEAR OF BYSTANDERS BEFORE RAISING OR LOWERING.**

**WARNING: DO NOT USE BACKSTOP UNLESS IT IS PINNED AT GAME-HEIGHT USING THE SUPPLIED QUICK RELEASE PIN.**

**WARNING: UNIT MUST BE PINNED IN POSITION USING SUPPLIED QUICK-RELEASE PIN AT ALL TIMES UNLESS RAISING OR LOWERING.**

**WARNING: WHEN RAISING OR LOWERING, DO NOT RELEASE HANDLES UNLESS BACKSTOP IS PINNED IN POSITION WITH THE SUPPLIED QUICK-RELEASE PIN.**

**WARNING: DO NOT REMOVE SAFETY STRAP OR QUICK-RELEASE PIN UNTIL THE BACKBOARD AND RIM HAVE BEEN INSTALLED. FAILURE TO COMPLY MAY RESULT IN SEVERE OR FATAL INJURY AS WELL AS SIGNIFICANT DAMAGE TO SURROUNDING STRUCTURES.**

### 11.1 Raising Backstop

1. Roll backstop into position such that the locator holes are directly above the locator bushings in the floor.
2. Remove wire-snap safety pins (Figure 5-4) from locator pins (Figure 5-3) and drop locator pins into bushings.
3. Insert safety pins into top hole of locator pins.
4. Install anchor kit (PBELKIT) into floor anchor (if applicable<sup>3</sup>) and fasten to eye on rear of backstop.
  - a. Be sure that eyebolt is fully threaded into floor anchor (FP-90).
  - b. Be sure that shackle pins are tightly threaded.
5. Lower feet using supplied socket wrench (Figure 6-1) until a hard stop is reached.

**CAUTION: There are stops that were set during installation (Section 8) such that the rim will always be at the height indicated on the height adjuster mechanism.**

- a. If excessive resistance is encountered, do not force the tool to adjust the feet or you may damage the foot stops. If you believe that the feet are not completely lowered, stop lowering the feet, continue with the procedure to raise the backstop to 10' and measure the height of the rim from the

floor. If the height is not correct, refer to section 9 for details on how to remove the padding and check the state of the foot stops (Figure 8-3).

6. **ONLY IF BACKBOARD IS INSTALLED**, remove the quick-release pin from the height adjuster mechanism (Figure 7-1).
  - a. It may be necessary to lift handle slightly in order to pull the pin.
7. Stand to one side of the unit and lift one of the two handles on the lower upright (Figure 8-2).
  - f. If raising the backstop is too strenuous obtain assistance before attempting to raise.
  - g. Be sure to maintain control of the uprights while raising. Do not release handle while raising.

## 11.2 Lowering Backstop

1. Remove the quick-release pin.
2. Pull back on handles until backstop is fully lowered.
  - a. Always stand on the same side of the unit as the ring on the quick-release pin when pulling the pin; never reach across to the other side of the upright to pull the pin.
  - b. See Figure 8-1 for details on where to safely stand.
3. Pin the unit in the lowered (transport) position.
4. Raise the feet until both feet are off the ground and the unit rolls freely on all four wheels.

## 12 Spring Adjustments

**WARNING: DO NOT REMOVE SPRINGS UNDER ANY CIRCUMSTANCES. IF YOU SUSPECT THAT A SPRING IS DAMAGED AND REQUIRES REPLACEMENT CONTACT JAYPRO IMMEDIATELY AT (800) 243-0533.**

**WARNING: WHEN ADJUSTING THE SPRINGS ALWAYS ENSURE THAT THE LOCKNUTS ARE NEVER LOOSEMED TO THE POINT WHERE NO THREADS ARE VISIBLE.**

Adjusting the lift-assist springs and should only be used by an experienced contractor/installer. Please contact the Jaypro Sports customer support team, Monday through Friday, 8:30AM to 5:00 PM (EST), at 1-800-243-0533 if assistance with locating an experienced professional is required.

The spring tension is pre-set at the factory. Under normal circumstances, spring adjustment is not typically necessary. Over time, however, the springs may require adjustment to ensure that the lift-assist characteristics of the springs are maintained.

1. Use a 7/8" socket wrench for spring adjustments.
2. You will need to place a steel rod in the eye of the eyebolt to which the springs are attached (inside face of rear horizontal 2x4) to prevent the eyebolt from rotating as you adjust the nuts.
3. If the unit raises on its own, the springs are too tight.
  - a. Loosen each nut by the same amount.
  - b. Proceed from right to left, loosening each nut by one complete rotation.
  - c. Pull the quick-release pin from the height adjuster mechanism to see if the problem has been corrected. If not, repeat steps a and b.
4. If the unit requires excessive force to raise, the springs do not have enough pre-tension.
  - a. Loosen each nut by the same amount.
  - b. Proceed from right to left, loosening each nut by one complete rotation.
  - c. Pull the quick-release pin from the height adjuster mechanism to see if the problem has been corrected. If not, repeat steps a and b.

## 13 Maintenance

Your ELITE series portable backstop is designed to provide years of play; however, it is recommended that they be inspected at least once every season, for signs of excessive wear. Key areas to inspect include (but are not limited to):

- Welds on the boom, uprights and base.
- The springs, in particular the areas of the hooks.
- The backboard frame.
- The rim housing.

Lubrication should be applied to the bronze bushings and the spring contact points once a season or when normal raising/lowering of the backstop creates excessive noise.

Doublecheck that the board and rim are level and plumb and verify that all bolted connections are well fastened.

If you require additional information or support maintaining your backstops, please contact the Jaypro Sports customer support team, Monday through Friday, 8:30AM to 5:00 PM (EST), at 1-800-243-0533.