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INSTALLATION AND OWNER'S INSTRUCTIONS

Signature Series

Internal Jack
Adjustable Height
Goal System

- All-American
- All-Star

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www.goalsettersystems.com

Safety Instructions

Owner must ensure that all installers and players know and comply with these rules for safe assembly, installation, operation and use of the system. Proper and complete assembly, use and supervision is essential for proper operation of the product and to reduce the risk of accident or injury. **DO NOT ATTEMPT TO ASSEMBLE AND INSTALL THIS PRODUCT WITHOUT FOLLOWING THE INSTRUCTIONS CAREFULLY.**

⚠ WARNING

1. Failure to follow these instructions may result in death, serious injury and/or property damage and will void the warranty. Do not install or use this product unless the instructions within this manual have been carefully read and understood.
2. Locate your goal away from potential dangers, including walls, trip hazards, high-traffic areas or where a vehicle might come into contact with goal post, backboard or rim.
To avoid severe injury or death, do not locate goal under power lines that may come into contact with the goal as it is raised.
3. Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.

- If using a ladder during assembly, use extreme caution. Follow all warnings and cautions on the ladder carefully.
- Installation and assembly of this product will require lifting and bending that may result in injury to anyone not accustomed to this type of activity.
- Before digging for the ground anchor, check for underground power, gas, telephone, water and other utility lines. Failure to do so could result in serious injury. See 811 One Call Warning box on this page for more information or call your local utility company.
- If an auger or post hole digger is used, be sure you read and follow all instructions, warnings and cautions for such equipment.
- Ensure there are no overhead power lines within a 20 ft. (7 m) radius of the goal location.
- Climate, corrosion or misuse could result in system failure.
- Keep organic material away from the pole base. Dirt, grass, litter etc. could cause corrosion or deterioration.
- Only use parts provided with your Goalsetter® basketball goal system or replacement parts provided by Goalsetter Systems, Inc. Use of other parts (a) may cause the goal system to fail, (b) could result in death, serious injury or property damage, and (c) will void the warranty.
- With rim set at 6'-0" playing height, the minimum operational height is 5'-4" (1.625 m) to the bottom of the backboard.
- **DO NOT CLIMB THE POLE OR HANG on the rim or any part of the goal system.** This includes the backboard, support braces and net. The product is not designed for such use and property damage or personal injuries such as cuts, broken bones, nerve, spinal cord or brain injury or death could occur.
- Use caution when performing dunking activities with this product.
- During play keep players' faces away from the backboard, rim and net or serious injury could result.
- Players must wear a mouth guard to avoid dental injuries.

⚠ WARNING

Before digging for the ground anchor, contact your local One-Call system (dial 811) in your area.



**Know what's below.
Call before you dig.
1-888-258-0808**

Utility Markings

Color	Definition
Red	Electric
Yellow	Gas, Oil, Petroleum
Orange	Communication, Phone, TV
Blue	Potable Water, Irrigation
Green/Brown	Sewer
White	Proposed Dig

- Do not wear jewelry (rings, watches, necklaces, etc.) or other loose objects that could become tangled in the net or injure another player.
- Before each use, check the goal system for loose hardware, excessive wear and signs of corrosion. Repair the system before use.
- **NEVER** play on damaged equipment.
- When adjusting the system height, keep hands and fingers away from moving parts. DO NOT allow children to adjust the system height.
- Check the goal system frequently for signs of corrosion. Remove surface rust and loose paint completely, and repaint with exterior enamel paint. If rust or corrosion has penetrated or pitted any components of the goal, DO NOT allow play and repair or replace parts immediately.
- DO NOT use the goal system to lift or hoist anything.
- Use caution when using this goal system. Most injuries are caused by misuse and/or not following these instructions.

IMPORTANT

Enclosed underneath the protective sheeting on your backboard is a warranty registration card. **YOU MUST FILL OUT AND MAIL IN THIS CARD IN ORDER TO HAVE A VALID WARRANTY.** You may also fill out a warranty registration online at www.goalsettersystems.com.

Retain this manual for future reference of operation, maintenance and parts information.

The information in this manual is based on the latest information available at the time of publication. Your goal may have product improvements and options not yet contained in this manual. Goalsetter Systems, Inc. reserves the right to make changes at any time without notice or obligation.

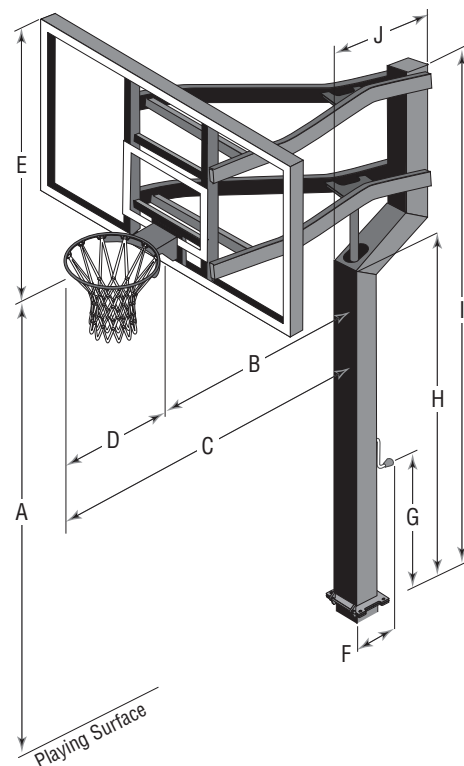
Contact the manufacturer if technical assistance is required.

Additional copies of these instructions are available from:

Goalsetter Systems, Inc.
1-800-362-GOAL (4625)
www.goalsettersystems.com

Goal Specifications

	All-American	All-Star
Pole Size:	5"x5"	5"x5"
Backboard Size:	38"x60"	36"x54"
Weight w/Acrylic:	385 lbs.	370 lbs.
Weight w/Glass:	435 lbs.	410 lbs.
(A) Height Range:	6'-10'	6'-10'
(B) Extension Distance:	at 10'	38"
	at 8'	42"
	at 6'	37"
(C) Maximum Overhang:	67"	67"
(D) Distance Rim to Backboard:	25"	25"
(E) Distance Rim to Top of Goal:	29 3/4"	27 3/4"
(F) Crank Distance:	10 1/2"	10 1/2"
(G) Crank Height:	36 1/2"	36 1/2"
(H) Offset Height:	6'-6"	6'-6"
(I) Pole Height:	9'-8"	9'-8"
(J) Offset Distance:	16"	16"



Determine Installation Location

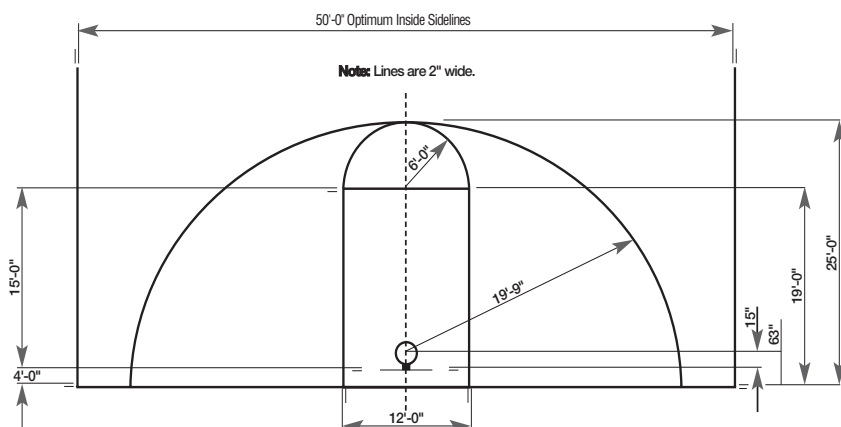
Consider the following to determine where to install your Goalsetter® Basketball Goal:

- When extended, will backboard overhang obstruct driveway or other important space? Maximum overhang: 67" (1.7 m) from the front of the pole to the front of the rim.
- Is there room so vehicles backing out of driveway do not strike backboard or rim?
- Will court markings be used?
- How much playing surface is needed?
- How much playing surface will be under the backboard? (Having the edge of the playing surface directly underneath the backboard can result in trip hazards and unpredictable ball action following a shot. Try to have as much playing surface as possible behind the backboard.)
- Other functions of playing surface (driveway, playground, etc.)

- Will the goal be at least 20 ft. (7 m) from any overhead power lines? (No overhead power lines should be within a 20 ft. (7 m) radius of the goal.)
- Will the ground anchor for the goal avoid underground power, gas, telephone, water and other utility lines? (See 811 One Call Warning box on page 2 for more information or call your local utility company.)

Required Tools and Materials:

- Spade
- Shovel
- Tape Measure
- Level
- Hoe
- Water
- Rubber Mallet
- Steel Punch
- Stepladder
- Wheelbarrow
- Cement Trowel
- Stir Rod
- Auger/Post Hole Digger (optional)
- 10-14, 60 lb Bags of Dry Concrete Mix (or 1/4-1/3 yard of ready mix concrete)
- 1/2" Drive Torque Wrench
- Phillips Screwdriver
- 9/16", 3/4" & 15/16" Wrenches & Sockets



Court Markings

(Reference Only):

Regulation Court Lengths
High School: 84'
College & Professional: 94'

Ground Anchor Installation

Step 1: Locate and unpack ground anchor. Remove plastic plugs from bolt holes and ensure the threads are in good condition. **REPLACE THE PLUGS** – they will keep concrete and debris from the bolt holes during installation. Leave the hinge pin in place as well.

Step 2: Determine hole location. When installed, the edge of the ground anchor must be a minimum of 6" (15.2 cm) away from the playing surface. Follow One Call or your utility's recommendations as to how close you may dig to a marked utility.

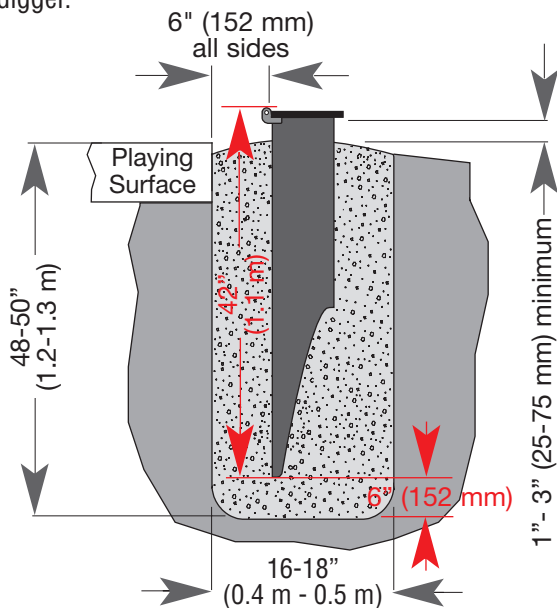
IMPORTANT

You **MUST** dig the anchor hole at least 48" (1.2 m) deep.

WARNING

Before digging for the ground anchor, check for underground power, gas, telephone, water and other utility lines. Failure to do so could result in serious injury. See 811 One Call Warning box on page 2 for more information or call your local utility company.

Step 3: Dig hole 48" to 50" (1.2 m – 1.3 m) deep and 16-18" (0.4 m – 0.5 m) in diameter using a spade, shovel, auger or post hole digger.

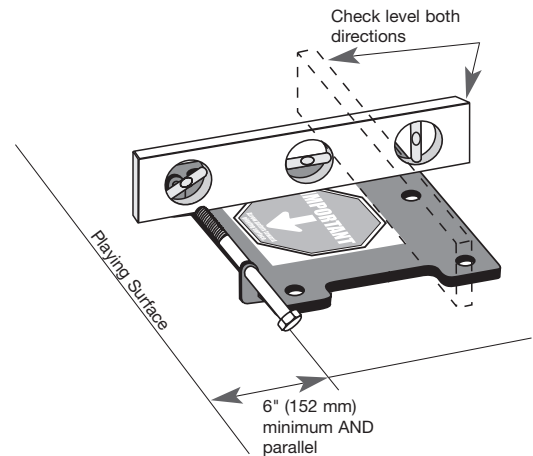


TIME OUT TIP: If you plan on mixing concrete in stages, work quickly to minimize time between batches.

Step 4: Mix concrete. Put concrete in wheelbarrow. Add the amount of water recommended on the bag, and mix with hoe.

Step 5: Begin adding concrete into hole until concrete is approximately 28"- 30" (.7 m – .8 m) deep.

TIME OUT TIP: The arrow on the decal **MUST** be pointing toward the playing surface.



Step 6: Position anchor in center of hole with hinge side toward and parallel with playing surface. Using a level, ensure the anchor is level front-to-back and left-to-right. All edges of the ground anchor must be 6" (15.2 cm) away from all sides of hole and the top of the ground anchor within a range of 1"- 3" (25-75 mm) above the level of the playing surface.

TIME OUT TIP: As you add concrete, occasionally insert a stir rod (such as a broomstick) into three or four places in the concrete and plunge up and down to help eliminate air bubbles.

Step 7: Continue adding concrete until concrete is within 1"- 1.5" (25-38 mm) of anchor plate bottom, or level with the landscape – whichever comes first. Slope top of concrete away from pole with trowel to create a smooth surface.

IMPORTANT

- Periodically re-check the level of the anchor plate in both directions as you add more concrete.
- Slope the top of the concrete fill away from the ground anchor in all directions to shed moisture away.

TIME OUT TIP: If you must adjust the height, be sure to re-check level and that the anchor is parallel with playing surface!

Step 8: If needed, adjust anchor plate height. The top of the ground anchor should be within a range of 1"- 3" (25-75 mm) above playing surface. Be sure to re-check level.



Pole Assembly

IMPORTANT

- Allow 48 hours for concrete to cure before beginning.
- Check to see that no concrete or debris obstructs threads in ground anchor bolt holes by threading anchor bolts in and out.

Step 1: Remove five plastic plugs from threaded holes in ground anchor. Also remove hinge pin and hex nut and place near anchor plate. (These will be used in Step 3.)

 **TIME OUT TIP:** To protect pole finish, place square packing pad (included in pole box) on the ground at the bottom of pole and at the “neck” where pole offset begins. Remove once pole is held by installation clip.

Step 2: Unpack pole and jack. The jack is already assembled inside the pole.

Step 3: Align pole hinge with anchor plate hinge, then insert hinge pin and hand tighten hex nut.

Step 4: Lift pole to approximately 30° and attach installation clip to ground anchor and pole to maintain the installation angle.

IMPORTANT

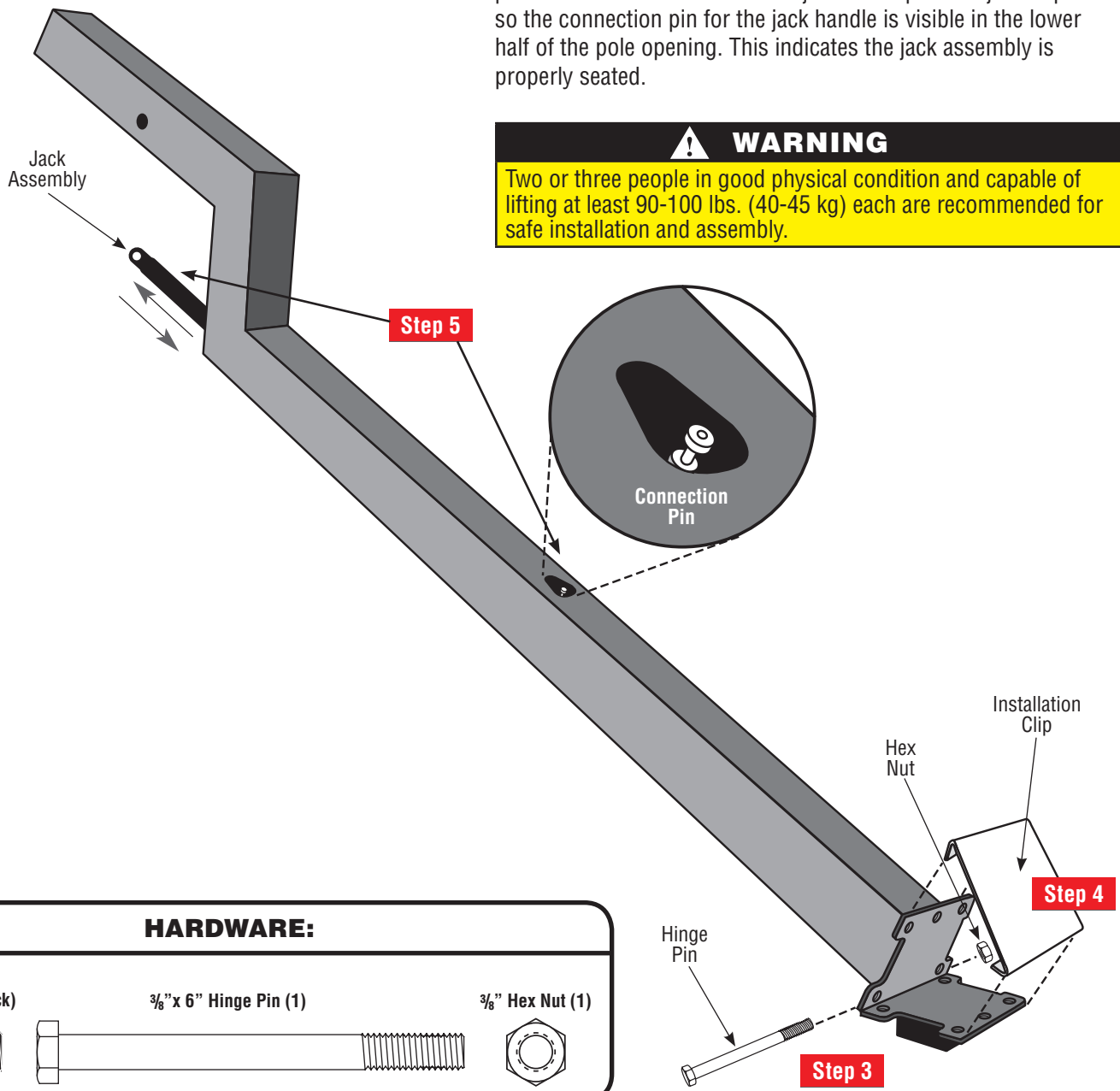
The installation clip **MUST** remain in place until pole is raised in Goal Alignment, page 8.

Step 5: Pull jack assembly out slightly, remove packing and protective materials from end of jack and reposition jack in pole so the connection pin for the jack handle is visible in the lower half of the pole opening. This indicates the jack assembly is properly seated.



WARNING

Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.



HARDWARE:

$\frac{1}{2} \times 1\frac{1}{4}$ "
Anchor Bolt (1-black)

$\frac{3}{8}$ " x 6" Hinge Pin (1)

$\frac{3}{8}$ " Hex Nut (1)

Extension Arm Attachments

⚠ WARNING

Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.

⌚ TIME OUT TIP: The lower extension arm says “Best in Basketball” and the upper extension arm says “Goalsetter.com”.

Step 1: Unpack extension arms. Position lower extension arm with jack mount clevis toward pole offset. Align lower extension arm pivot holes with lower holes in pole.

Step 2: Attach lower extension arm pivot holes with lower bushing on pole using the following: one extension arm bolt, two flat washers and locknut. Tighten with $\frac{15}{16}$ " wrench and socket so the bushings on extension arm meet the bushing on the pole. Do not over-tighten.

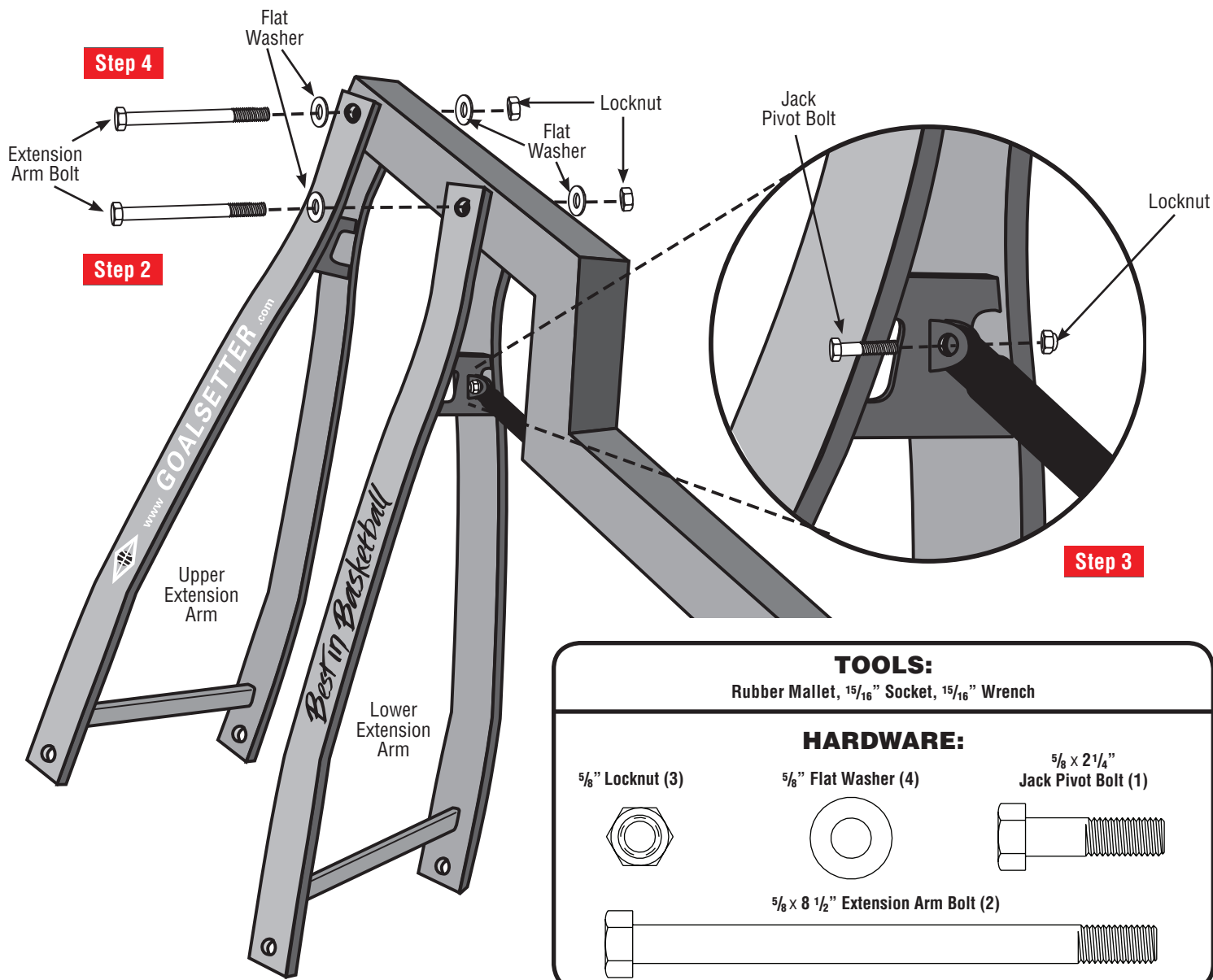
⌚ TIME OUT TIP: You may have to adjust jack to align jack bolt holes with holes in the lower extension arms. A rubber mallet may be needed to drive bolts into holes.

Step 3: Attach upper mount of jack to lower extension arm using the following: one jack pivot bolt and locknut.

NOTE: DO NOT over-tighten. Snug tighten only.

Step 4: Attach upper extension arm pivot holes with upper bushing on pole following the same hardware and procedure as in Step 2.

Step 5: Remove protective material from extension arms.



Backboard Attachment

⚠ WARNING

Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.

IMPORTANT

The installation clip **MUST** be in place to maintain the proper installation angle.

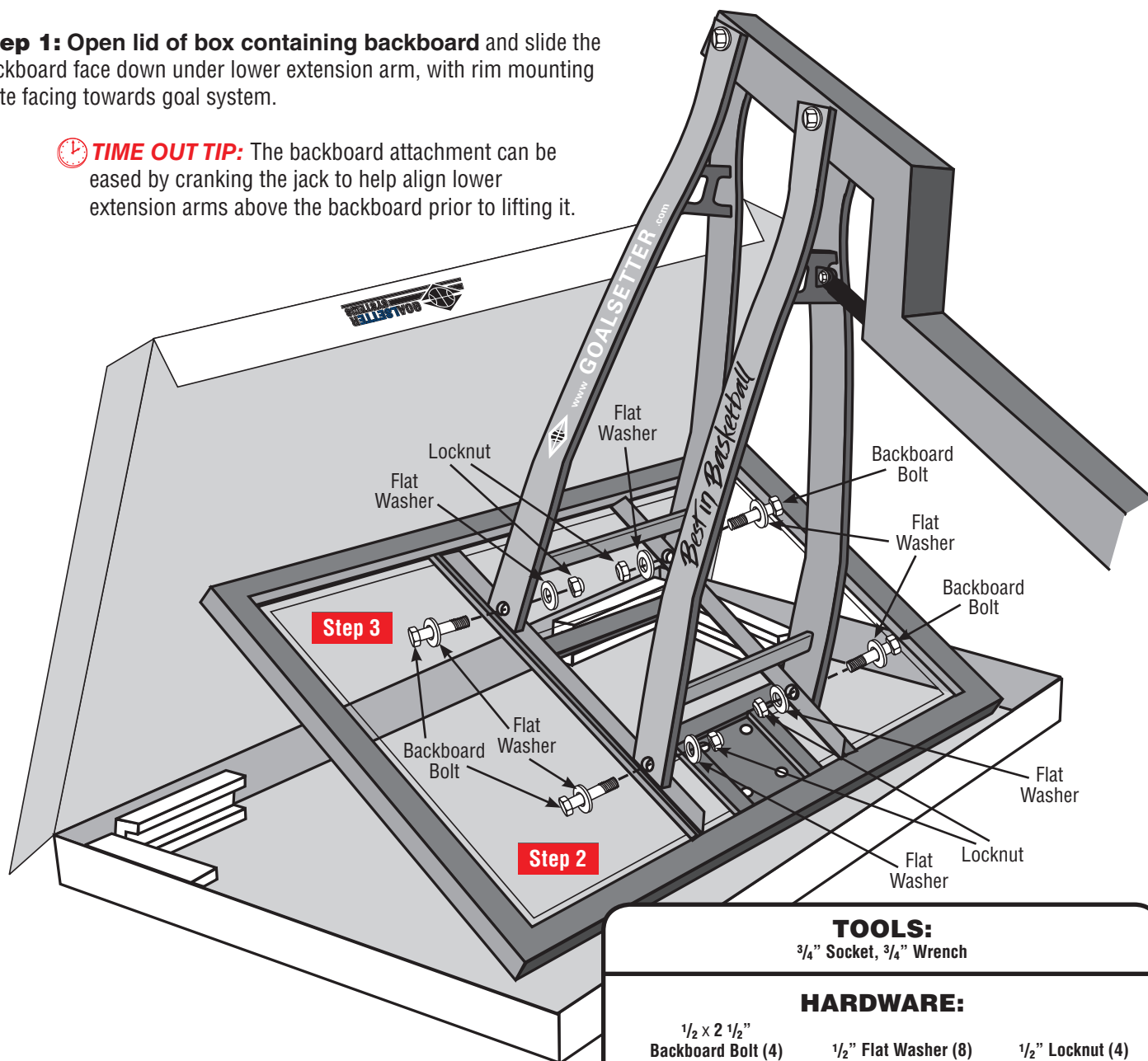
 **TIME OUT TIP:** Lay the unopened box with Goalsetter logo upside down AND let the lid open up and fold away from the goal system.

Step 1: Open lid of box containing backboard and slide the backboard face down under lower extension arm, with rim mounting plate facing towards goal system.

 **TIME OUT TIP:** The backboard attachment can be eased by cranking the jack to help align lower extension arms above the backboard prior to lifting it.

Step 2: Carefully lift the bottom of the backboard to align lower backboard holes with lower extension arm holes. Using ratchet and wrench, attach backboard to arm using the following hardware: two backboard bolts, four flat washers and two locknuts. **NOTE:** This is a pivot point! **DO NOT** over-tighten. Snug tighten, so that bushings in arms meet bushings in backboard.

Step 3: Lift top of backboard to align upper holes with upper extension arm holes using the same hardware and procedure as in Step 2.



TOOLS:

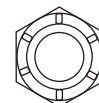
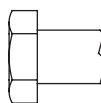
$\frac{3}{4}$ " Socket, $\frac{3}{4}$ " Wrench

HARDWARE:

$\frac{1}{2} \times 2 \frac{1}{2}$ "
Backboard Bolt (4)

$\frac{1}{2}$ " Flat Washer (8)

$\frac{1}{2}$ " Locknut (4)



Goal Alignment

⚠ WARNING

For safe assembly, do the following:

- Use two or three people to raise goal assembly and hold it in a vertical position. Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.
- **DO NOT** adjust height of backboard or attach rim until pole is raised and appropriately bolted.
- Correct sequence of hardware installation **MUST** be followed during assembly.

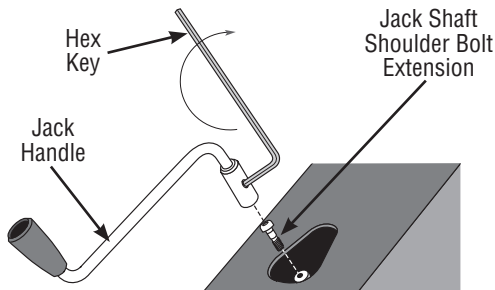
To avoid injury, keep fingers and toes away from the ground plate while raising the goal assembly to the vertical position.

 **TIME OUT TIP:** Set screws are included in bag with jack handle; open cautiously to avoid loss of screws. For ease of installation, start set screw in jack handle before inserting jack handle.

Step 1: Insert shoulder bolt jack shaft extension into tapped hole on jack shaft. Tighten with $\frac{1}{8}$ " hex key (provided).

Step 2: Insert jack handle through access hole and slide onto shaft.

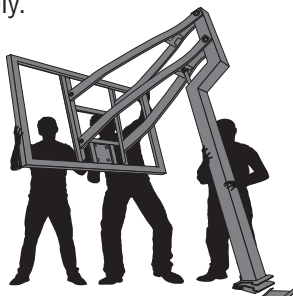
Step 3: Attach handle to shaft using both set screws; tighten with $\frac{5}{64}$ " hex key (provided.)



Step 4: Remove banding and edge protection from backboard. Peel back TOP 1/3 of protective sheeting from the backboard. This will allow you to reach the sheeting once the goal has been raised, yet protects the surface of the backboard during installation.

Step 5: Locate five anchor bolts. Prepare them for use by having lock washers slipped on and placed near ground anchor.

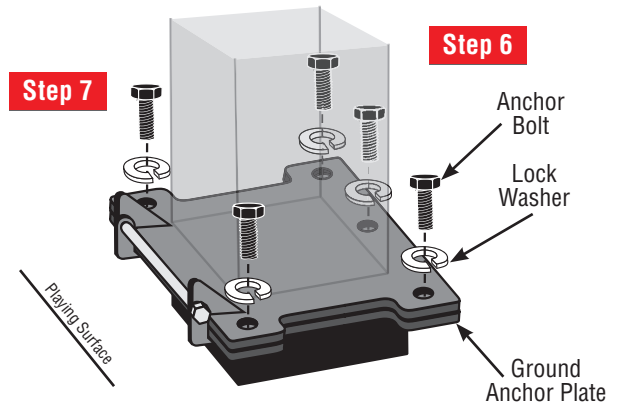
Step 6: Using at least two people, carefully push up on backboard to raise goal assembly to vertical position. The installation clip will fall away. Save installation clip for future disassembly.



Step 7: Fasten pole to threaded ground anchor plate by installing and hand tightening the three rear anchor bolts with lock washers.

Step 8: Fasten pole to threaded ground anchor plate by installing and hand tightening the two front anchor bolts with lock washers.

 **TIME OUT TIP:** Install rear three anchor bolts first and then the front two anchor bolts.



Step 9: Snug tighten the five anchor bolts, then check goal assembly with a level and inspect visually to determine if it is parallel and plumb to the playing surface.

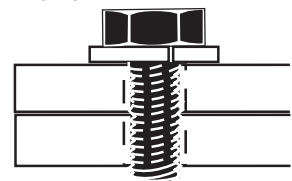
Step 10: If adjustments are necessary, slightly loosen bolts to rotate goal.

Step 11: Fully tighten five bolts using a $\frac{3}{4}$ " socket with a torque wrench. The torque wrench is to be set at 75 ft/lb on dry threads and 55 ft/lb on lubricated threads. **NOTE:** The anchor plate is threaded, so there is no need to use nuts on bolts.

IMPORTANT

The bolts must pass all the way through the ground anchor plate. If they do not pass through the ground anchor plate when fully tightened, **STOP** installation, contact Goalsetter Systems, Inc. and **DO NOT** allow play.

End of anchor bolt should extend $\frac{1}{8}$ " below anchor plate.



TOOLS:

$\frac{3}{4}$ " Socket, Level, $\frac{1}{2}$ " Drive Torque Wrench, $\frac{5}{64}$ " Hex Key (provided), $\frac{1}{8}$ " Hex Key (provided)

HARDWARE:

8-32 Set Screw (2)



$\frac{1}{2} \times 1\frac{1}{4}$ " Anchor Bolt (5-black)



$\frac{1}{2}$ " Lock Washer (5)



Jack Shaft Extension (1)



Rim Attachment

NOTE: Use all steps of the following instructions to install a reflex rim. To install a static rim, follow all steps *except* Steps 2 and 6.

TIME OUT TIP: Your warranty card is located behind protective sheeting. You **MUST** fill out and return this card to activate your warranty.

Step 1: Unpack rim. Remove any remaining cardboard edge protectors and protective sheeting from backboard.

IMPORTANT

- Four bushings are factory installed on the backboard. If loose, make sure to have them seated properly when tightening rim bolts. If missing, contact Goalsetter or dealer. **DO NOT install rim without bushings. If the bushings are not in place, glass backboards can shatter and acrylic backboards can crack!**
- Correct sequence of hardware installation **MUST** be followed during assembly.

TIME OUT TIP: Level rim side to side before tightening backboard bolts.

Step 2: If not already removed, remove cover plate screws and cover plate from rim assembly.

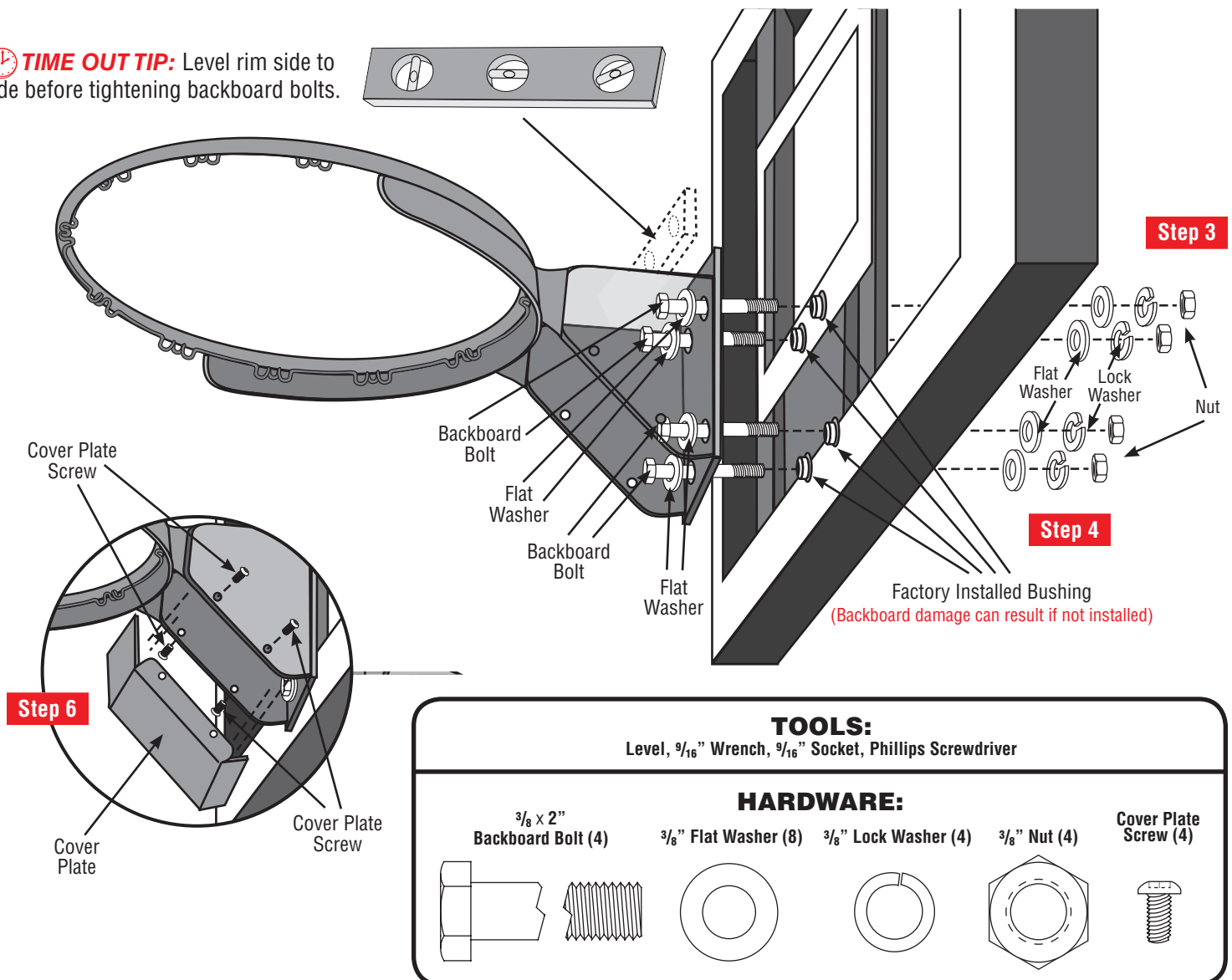
Step 3: Starting with the top two mounting holes, loosely attach rim to backboard following the hardware sequence as shown in the illustration below. Snug tighten hardware - a $\frac{9}{16}$ " open-end wrench may be necessary.

Step 4: Repeat hardware sequence outlined in Step 3 for lower rim mounting holes.

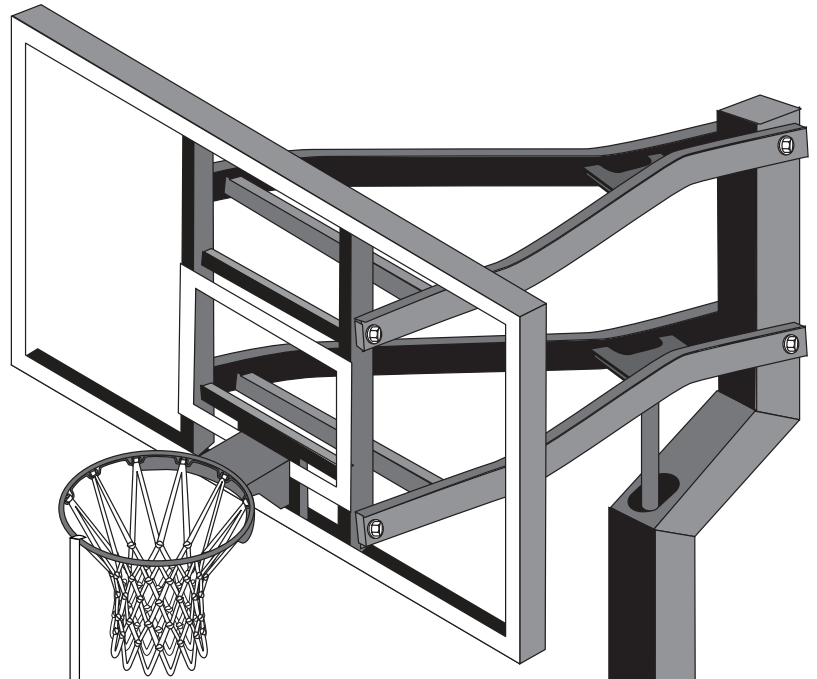
Step 5: Level rim side to side and then fully tighten hardware.

Step 6: Position cover plate and attach with cover plate screws.

Step 7: Attach net to rim.



Height Indicator Adjustment



Step 1: Using a tape measure to ensure accuracy, turn the jack handle until the rim is 6' above the playing surface.

Step 2: Insert height decal with printed number '6' through indicator hole in pole and attach to internal height indicator plate in center of hole.

Step 3: Repeat steps for 6½', 7', 7½', 8', 8½', 9', 9½', and 10' rim heights; attach appropriate numbered decal.

Step 4: Install plastic grommet into indicator hole.

Step 5: Attach DOWN/UP decal to pole above crank handle hole. ("DOWN" will be on the left side)

Step 2

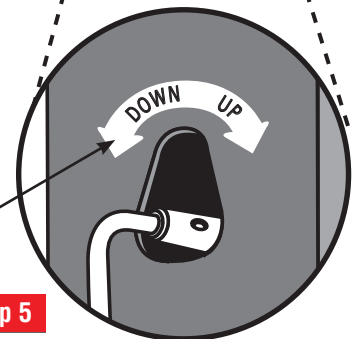


Height Indicator Decal

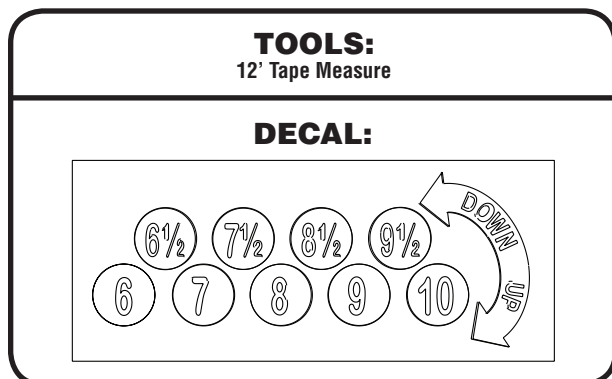
Grommet

Step 1

Step 5



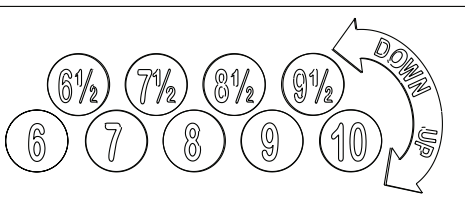
Down/Up Decal



TOOLS:

12' Tape Measure

DECAL:



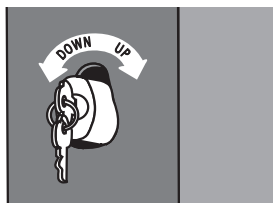
Ready to Play

Operation

Crank – Turn clockwise for goal to go up, turn counter clockwise for goal to go down.



Pinlock (option; order through Goalsetter Systems, Inc. or your Goalsetter Dealer) Remove handle and push lock onto jack handle shaft. Use key to remove.



Height Indicator indicates goal height from 6' to 10'.



Maintenance

The life of your basketball goal system depends on many variables. The climate, exposure to corrosives such as salt, organic materials, pesticides, or herbicides, and excessive use or misuse can all contribute to failure of the goal system, which may cause property damage or personal injury. Before each use, check the goal system for loose hardware, excessive wear, abuse, or vandalism or signs of rust or corrosion.

For safety reasons, and to prolong the life of your basketball system, you must take the following preventative measures:

- Check all nuts and bolts. Inspect the threads and replace if necessary. If any are loose, tighten them.
- Check all parts for excessive wear and tear. If necessary, replace any parts that have been worn or damaged through usage.
- Check all sections of the goal system for visible rust or chipped or cracked paint, and if present, repair appropriately. See Paint Touch-Up on this page.

IF RUST OR CORROSION HAS PENETRATED ANY COMPONENT, DO NOT ALLOW PLAY ON THE GOAL AND REPLACE PARTS IMMEDIATELY.

- Contact Goalsetter Systems, Inc. for replacement parts. Only use parts provided by Goalsetter Systems, Inc. Use of other parts (a) may cause the goal system to fail, (b) could result in death, serious injury or property damage, and (c) will void the warranty.
- Inspect the Warning Sticker on the pole. If it is ripped, faded, or illegible, contact Goalsetter Systems, Inc. to request a replacement Warning Sticker.

Cleaning

The exterior finish of your Goalsetter® goal is designed for outdoor environments and should only require periodic cleaning and inspection for imperfections that could develop over time.

When cleaning is necessary, Goalsetter Systems, Inc. recommends using water and a mild dish detergent applied with a soft, non-abrasive cloth.

IMPORTANT

DO NOT use abrasive cleaners to clean the goal. Damage to the finish may result.

Paint Touch-Up

Goalsetter Systems, Inc. uses a two-part acrylic-enamel paint on the goals. With periodic inspection and service when needed, the high-gloss finish is designed to last for many years. A small bottle of black paint with brush is provided in the hardware kit for touch up of imperfections as they develop. If more touch up is required, please contact Goalsetter Systems, Inc. or your local Goalsetter Dealer.



Lubrication

The jack is pre-lubricated. As with any mechanical component, periodic inspection and service is required. Goalsetter Systems, Inc. recommends applying lubrication each spring and fall to keep a smooth operation of the height actuator. Failure to do so could result in jack failure and not be covered under warranty. There are two lubrication service points provided.

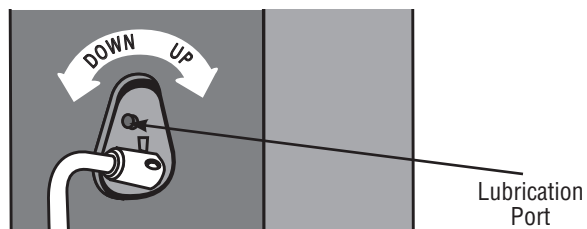
IMPORTANT

DO NOT use a penetrating oil (i.e. WD40.)

Step 1 Jack Assembly

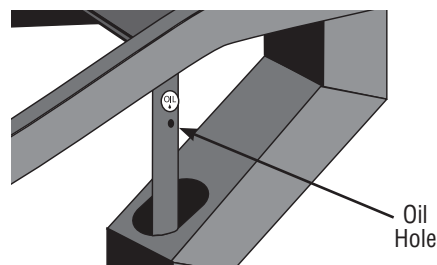
Use a liberal amount of general-purpose lubricating oil such as a 3-in-1 household oil or a light motor oil.

Step 1



Step 2 Use a liberal amount of general-purpose lubricating oil such as a 3-in-1 household oil or a light motor oil.

Step 2



Warranties

IMPORTANT

Enclosed underneath the protective sheeting on your backboard is a warranty registration card. **YOU MUST FILL OUT AND MAIL IN THIS CARD IN ORDER TO HAVE A VALID WARRANTY.**

You may also fill out a warranty registration online at www.goalsettersystems.com.

LIMITED WARRANTY

LIMITED LIFETIME WARRANTY: Subject to proper installation and normal, intended use, and subject to the limitations set forth below, Goalsetter Systems, Inc. warrants to the original retail purchaser that all structural components of Goalsetter® Systems Signature Series*, Extreme Series** and GS Wall-Mount Series*** basketball systems are free of defects in material and workmanship for the duration of ownership by such original retail purchaser or 5 years after discontinuation of the product by Goalsetter Systems, Inc..

*Signature Series – MVP, Captain, All-American, All-Star, Contender, Champion;
**Extreme Series – X672, X660, X560, X554, X454, X448;
***GS Wall-Mount Series – GS72 Wall-Mount, GS60 Wall-Mount, GS54 Wall-Mount, GS48 Wall-Mount; Tournament Series – Elite, Classic; GS Portable Series – GS1000, GS2000, GS2500, GS3000, GS3500.

LIMITED WARRANTY: Subject to proper installation and normal, intended use, and subject to the limitations set forth below, Goalsetter Systems, Inc. warrants to the original retail purchaser that all structural components of (a) Goalsetter Systems Tournament Series* basketball systems are free of defects in material and workmanship for a period of five years from date of purchase (b) Goalsetter Systems GS Portable Series* basketball systems are free of defects in material and workmanship for a period of two years from date of purchase.

Any warranty on a basketball system excludes the rim. Rim warranties are as follows: Rims shall be free from defects in materials and workmanship from the date of purchase as follows: Single Ring Static Rim: two-year limited warranty; Double Ring Static Rim: limited lifetime warranty; Home Court Flex Rim: one-year limited warranty; Heavy Duty Flex Rim: two-year limited warranty; GS Ultra Flex Rim: five-year limited warranty; GS Collegiate Breakaway Rim: five-year limited warranty; Double Ring Static Galvanized Rim: limited lifetime warranty.

Padding Warranty: Padding shall be free from defects in materials and workmanship from the date of purchase as follows: Multi-Purpose Backboard Edge Padding: one-year limited warranty; Indoor Backboard Edge Padding: five-year limited warranty (indoor only); Custom Fitted Pole Padding: one-year limited warranty; Wrap Around Pole Padding: one-year limited warranty

MISC PRODUCT WARRANTIES: The following products shall be free from defects in materials and workmanship from the date of purchase as follows:

Other Portable Systems: GS1000 – 2 year limited warranty; GS4500: 5-year limited warranty; GS5000: Base, 10-year limited warranty; Pole, Backboard, Hand Crank, Padding and Rim, 5-year limited warranty; GS6000 & GS7000: Portable structure, 10-year limited warranty; Backboard, limited lifetime warranty; Padding and Rim, 5-year limited warranty

Playground Structures: All GS MAX & GS Double MAX Systems: Lifetime limited Warranty; RP775 3-1/2" Gooseneck Pole: 10-year limited warranty; RP776 3-1/2" Adjustable Pole: 10-year limited warranty; RP777 4-1/2" Gooseneck Pole: 25-year limited warranty; RP778 4-1/2" Adjustable Pole: 25-year limited warranty; RP780 Mega Duty Pole: limited lifetime warranty

Gym Structures & Accessories: Stationary, Side Fold and Swing Up Wall Mounted Structures: limited lifetime warranty; Height Adjuster: 10-year limited warranty; A11067 Wall Mount Power Winch: 5-year limited warranty; A11068 Portable 110 Volt Winch: 1-year limited warranty; A11008 Fail-Safe Structure Catch: 10-year limited warranty; A11200 Easy-Up Youth Mini Goal: 1-year limited warranty on structure and rim, limited lifetime warranty on backboard

Rims & Nets: R10126 Single Ring Static: 2-year limited warranty; R10226 Double Ring Static: limited lifetime warranty; R10326 Heavy Duty Reflex: 2-year limited warranty; R10426 GS Ultra Flex: 5-year limited warranty; R10554 GS Collegiate Breakaway: 5-year limited warranty; R10654 GS Pro Breakaway: 5-year limited warranty; R10834 Home Court Reflex: 1-year limited warranty; R10935 GS Premier Breakaway: 5-year limited warranty; A11013 Steel Net: 2-year limited warranty

Institutional Backboards: CB4272RG 42x72 Competition Glass: limited lifetime warranty (indoor only); CB4272RGCV 42x72 Competition Glass Conversion: limited lifetime warranty (indoor only); CB4872RG 48x72 Rectangular Glass: 20-year limited warranty (indoor only); RB4254GC 42x54 Glass Conversion: limited lifetime warranty (indoor only); CB3954FG Fan-Shaped Glass: limited lifetime warranty (indoor only); RB4260RS 42x60 Rectangular Steel: 10-year limited warranty; RB3954RS 39x54 Rectangular Steel: 10-year limited warranty; RB3954FS 39x54 Fan Steel: 10-year limited warranty; RB3954RA 39x54 Rectangular White Aluminum: limited lifetime warranty on direct mount pole systems; RB3654FCA 36x54 Fan Cast Aluminum: limited lifetime warranty on direct mount pole systems, otherwise 10-year limited warranty; RB3654FA 36x54 Fan White Aluminum: limited lifetime warranty on direct mount pole systems, otherwise 10-year limited warranty; RB4272RF 42x72 Rectangular Fiberglass: 10-year limited warranty; RB4254RP 42x54 Rectangular Polycarbonate: limited lifetime warranty; RB4254RG 42x54 Rectangular Glass: limited lifetime warranty; RB3954FP 39x54 Fan Polyethylene: limited lifetime warranty

The Limited Lifetime Warranty and the Limited Warranty shall cover damage or failure that occurs during the course of **NORMAL** or **INTENDED USE** of the product. Normal or intended use shall be described as activity that is necessary for the participation in the sport for which the equipment is designed. **NOT COVERED** is damage caused by deliberate hanging, multiple player hanging, vandalism, non-basketball activities or any other activity that could be regarded as abusive.

A limited lifetime warranty is effective for the duration of ownership by the original retail purchaser or 5 years after discontinuation of the product by Goalsetter Systems, Inc.

Goalsetter Systems, Inc. shall have the right to require the purchaser to deliver at its expense the allegedly defective product to Goalsetter for testing, repair or replacement. Goalsetter shall not be responsible for any expenses associated with the replacement or removal of the product from its application for such delivery.

THE WARRANTY IS VOID IF THE PRODUCT HAS BEEN DAMAGED BY ACCIDENT, USE FOR PURPOSES FOR WHICH IT IS NOT INTENDED, AS THE RESULT OF IMPROPER INSTALLATION, FAILURE TO FOLLOW INSTALLATION, CARE OR MAINTENANCE INSTRUCTIONS PROVIDED WITH THE PRODUCT, USE OF PARTS NOT PROVIDED BY GOALSETTER SYSTEMS OR ANY MODIFICATION OF ANY PRODUCT BY THE CUSTOMER UNLESS APPROVED BY GOALSETTER SYSTEMS, INC., OR OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIALS OR WORKMANSHIP.

The sole obligation of Goalsetter Systems, Inc., and the exclusive remedy under the applicable warranty, is repair or replacement of any component part determined by Goalsetter Systems, Inc. to be defective and covered by the warranty. Goalsetter Systems, Inc. will not be liable for any other damages or expenses. The applicable warranty is expressly in lieu of all other warranties, express or implied. Goalsetter Systems, Inc. does not assume, and no other person or representative is authorized to assume for Goalsetter Systems, Inc. any other liability in connection with the sale of Goalsetter System products.

NOT COVERED BY WARRANTY

- Use in non-residential applications of Glass backboards on Signature Series systems.
- Use in non-residential applications of Extreme Series and Tournament Series complete systems.
- Any products subjected to abuse, negligence, improper installation, vandalism, acts of God, alteration of product and any other events beyond the control of Goalsetter Systems, Inc.
- Paint or rusted parts. Touch-up paint is included in all hardware kits.
- Deterioration of product due to time or wear and tear.

Normal deterioration of products due to atmospheric conditions, weather, wear and tear (including scratching or scuffing paint from normal use), or other causes that do not affect functional use are not covered by Goalsetter Systems, Inc. warranties. All warranties are valid only when product is used in the intended application & when installed according to Goalsetter Systems instructions. Warranty may be void if maintenance instructions in the Owner's Manual are not followed. If you did not receive an Owners Manual, please call 1-800-362-4625 and one will be mailed to you.

DISCLAIMERS: THE APPLICABLE WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. AND ALL OTHER WARRANTIES ARE HEREBY DISCLAIMED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL GOALSETTER SYSTEMS, INC. BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, INCIDENTAL, PUNITIVE, OR EXEMPLARY DAMAGES OF ANY KIND.

THE PRODUCT IS INTENDED TO BE USED TO PLAY THE SPORT OF BASKETBALL. ALL SPORTS INVOLVE RISK OF INJURY. THE USER ASSUMES ALL RISK OF INJURY RESULTING FROM THE USE OF THIS PRODUCT. ALL PRODUCTS ARE SOLD ON THIS CONDITION AND NO REPRESENTATIVE OF THE COMPANY MAY WAIVE OR CHANGE THIS POLICY.

Some states do not allow the exclusion or limitation of implied warranties or consequential or incidental damages, so the above limitations or exclusions may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

WARRANTY CLAIMS: All returns must be arranged through the Goalsetter Systems, Inc. dealer where the product was originally purchased. Warranties do not cover dealer service charges, labor charges, freight charges, and travel expenses associated with replacement, repair or removal of warranty items. A Goalsetter Warranty Claim form must be completed, and photos submitted, together with proof of purchase, for any item you wish to claim under warranty. If the purchase was not made through a dealer, this form is available by email, fax or mail. In response to your claim, you will receive an order confirmation as well as a notice stating whether Goalsetter Systems, Inc. needs your warranty item returned. Goalsetter Systems, Inc. will notify you by fax or phone if we determine that the item cannot be claimed under warranty. **Goalsetter Systems, Inc. is not responsible for any charges for labor to install or repair defective product without prior authorization. Goalsetter Systems, Inc. will determine the most economical method to either repair or replace product before any work is to commence.**

Questions or Comments?

Phone 800.362.4625

Fax: 641.594.3343

Email: info@goalsettersystems.com

www.goalsettersystems.com

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Goalsetter Systems, Inc.



www.TopHoops.com

Top Hoops • info@tophoops.com • 888.878.2942

INSTALLATION AND OWNER'S INSTRUCTIONS

Signature Series

External Jack
Adjustable and Fixed
Height Goal System

- All-American
- All-Star

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www.goalsettersystems.com

Safety Instructions

Owner must ensure that all installers and players know and comply with these rules for safe assembly, installation, operation and use of the system. Proper and complete assembly, use and supervision is essential for proper operation of the product and to reduce the risk of accident or injury. **DO NOT ATTEMPT TO ASSEMBLE AND INSTALL THIS PRODUCT WITHOUT FOLLOWING THE INSTRUCTIONS CAREFULLY.**

⚠ WARNING

1. Failure to follow these instructions may result in death, serious injury and/or property damage and will void the warranty. Do not install or use this product unless the instructions within this manual have been carefully read and understood.
2. Locate your goal away from potential dangers, including walls, trip hazards, high-traffic areas or where a vehicle might come into contact with goal post, backboard or rim.
To avoid severe injury or death, do not locate goal under power lines that may come into contact with the goal as it is raised.
3. Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.

- If using a ladder during assembly, use extreme caution. Follow all warnings and cautions on the ladder carefully.
- Installation and assembly of this product will require lifting and bending that may result in injury to anyone not accustomed to this type of activity.
- Before digging for the ground anchor, check for underground power, gas, telephone, water and other utility lines. Failure to do so could result in serious injury. See 811 One Call Warning box on this page for more information or call your local utility company.
- If an auger or post hole digger is used, be sure you read and follow all instructions, warnings and cautions for such equipment.
- Ensure there are no overhead power lines within a 20 ft. (7 m) radius of the goal location.
- Climate, corrosion or misuse could result in system failure.
- Keep organic material away from the pole base. Dirt, grass, litter etc. could cause corrosion or deterioration.
- Only use parts provided with your Goalsetter® basketball goal system or replacement parts provided by Goalsetter Systems, Inc. Use of other parts (a) may cause the goal system to fail, (b) could result in death, serious injury or property damage, and (c) will void the warranty.
- With rim set at 6'-0" playing height, the minimum operational height is 5'-4" (1.625 m) to the bottom of the backboard.
- **DO NOT CLIMB THE POLE OR HANG on the rim or any part of the goal system.** This includes the backboard, support braces and net. The product is not designed for such use and property damage or personal injuries such as cuts, broken bones, nerve, spinal cord or brain injury or death could occur.
- Use caution when performing dunking activities with this product.
- During play keep players' faces away from the backboard, rim and net or serious injury could result.
- Players must wear a mouth guard to avoid dental injuries.



WARNING

Before digging for the ground anchor, contact your local One-Call system (dial 811) in your area.



**Know what's below.
Call before you dig.
1-888-258-0808**

Utility Markings

Color	Definition
Red	Electric
Yellow	Gas, Oil, Petroleum
Orange	Communication, Phone, TV
Blue	Potable Water, Irrigation
Green/Brown	Sewer
White	Proposed Dig

- Do not wear jewelry (rings, watches, necklaces, etc.) or other loose objects that could become tangled in the net or injure another player.
- Before each use, check the goal system for loose hardware, excessive wear and signs of corrosion. Repair the system before use.
- **NEVER** play on damaged equipment.
- When adjusting the system height, keep hands and fingers away from moving parts. DO NOT allow children to adjust the system height.
- Check the goal system frequently for signs of corrosion. Remove surface rust and loose paint completely, and repaint with exterior enamel paint. If rust or corrosion has penetrated or pitted any components of the goal, DO NOT allow play and repair or replace parts immediately.
- DO NOT use the goal system to lift or hoist anything.
- Use caution when using this goal system. Most injuries are caused by misuse and/or not following these instructions.

IMPORTANT

Enclosed underneath the protective sheeting on your backboard is a warranty registration card. **YOU MUST FILL OUT AND MAIL IN THIS CARD IN ORDER TO HAVE A VALID WARRANTY.** You may also fill out a warranty registration online at www.goalsettersystems.com.

Retain this manual for future reference of operation, maintenance and parts information.

The information in this manual is based on the latest information available at the time of publication. Your goal may have product improvements and options not yet contained in this manual. Goalsetter Systems, Inc. reserves the right to make changes at any time without notice or obligation.

Contact the manufacturer if technical assistance is required.

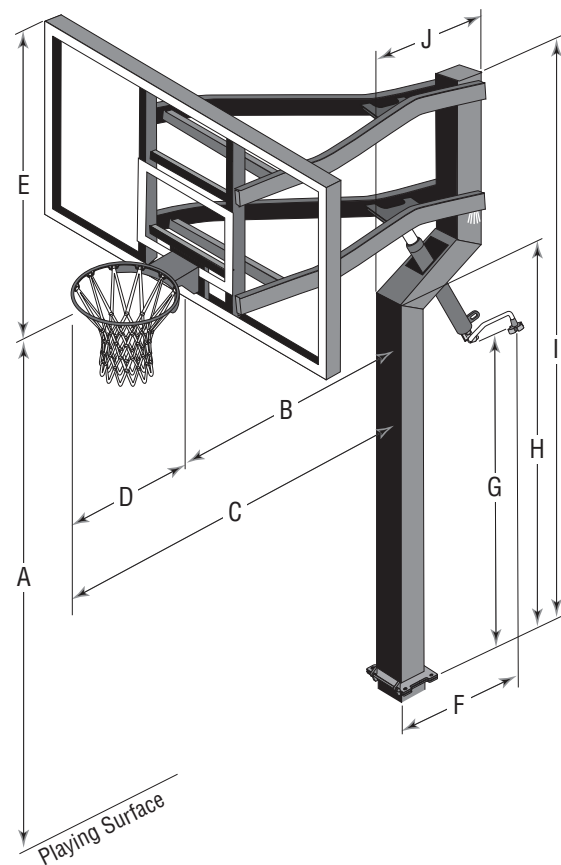
Additional copies of these instructions are available from:

Goalsetter Systems, Inc.
1-800-362-GOAL (4625)
www.goalsettersystems.com

Goal Specifications

		All-American	All-Star
Pole Size:		5"x5"	5"x5"
Backboard Size:		38"x60"	36"x54"
Weight w/Acrylic:	Adjustable	375 lbs.	360 lbs.
	Fixed	375 lbs.	360 lbs.
Weight w/Glass:	Adjustable	425 lbs.	400 lbs.
	Fixed	425 lbs.	400 lbs.
(A) Height Range:		6'-10'	6'-10'
(B) Extension Distance:	at 10'	38"	38"
	at 8'	42"	42"
	at 6'	37"	37"
(C) Maximum Overhang:		67"	67"
(D) Distance Rim to Backboard:		25"	25"
(E) Distance Rim to Top of Goal:		29 ¾"	27 ¾"
(F) Crank Distance:*		27"	27"
(G) Crank Height:*		62"	62"
(H) Offset Height:		6'-6"	6'-6"
(I) Pole Height:		9'-8"	9'-8"
(J) Offset Distance:		16"	16"

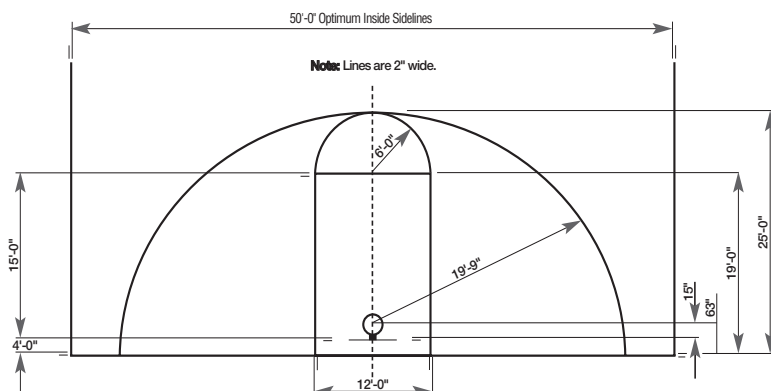
* Dimensions (F) and (G) do not apply to fixed height goals.



Determine Installation Location

Consider the following to determine where to install your Goalsetter® Basketball Goal:

- When extended, will backboard overhang obstruct driveway or other important space? Maximum overhang: 67" (1.7 m) from the front of the pole to the front of the rim.
- Is there room so vehicles backing out of driveway do not strike backboard or rim?
- Will court markings be used?
- How much playing surface is needed?
- How much playing surface will be under the backboard? (Having the edge of the playing surface directly underneath the backboard can result in trip hazards and unpredictable ball action following a shot. Try to have as much playing surface as possible behind the backboard.)
- Other functions of playing surface (driveway, playground, etc.)



- Will the goal be at least 20 ft. (7 m) from any overhead power lines? (No overhead power lines should be within a 20 ft. (7 m) radius of the goal.)
- Will the ground anchor for the goal avoid underground power, gas, telephone, water and other utility lines? (See 811 One Call Warning box on page 2 for more information or call your local utility company.)

Required Tools and Materials:

- Spade
- Shovel
- Tape Measure
- Level
- Hoe
- Water
- Rubber Mallet
- Steel Punch
- 1 1/8" Wrench
- Wheelbarrow
- Cement Trowel
- Stir Rod
- Auger/Post Hole Digger (optional)
- 10-14, 60 lb Bags of Dry Concrete Mix (or 1/4-1/3 yard of ready mix concrete)
- Stepladder
- Phillips Screwdriver
- 9/16", 3/4" & 15/16" Wrenches & Sockets
- 1/2" Drive Torque Wrench

Court Markings

(Reference Only):

Regulation Court Lengths
High School: 84'
College & Professional: 94'

Ground Anchor Installation

Step 1: Locate and unpack ground anchor. Remove plastic plugs from bolt holes and ensure the threads are in good condition. **REPLACE THE PLUGS** – they will keep concrete and debris from the bolt holes during installation. Leave the hinge pin in place as well.

Step 2: Determine hole location. When installed, the edge of the ground anchor must be a minimum of 6" (15.2 cm) away from the playing surface. Follow One Call or your utility's recommendations as to how close you may dig to a marked utility.

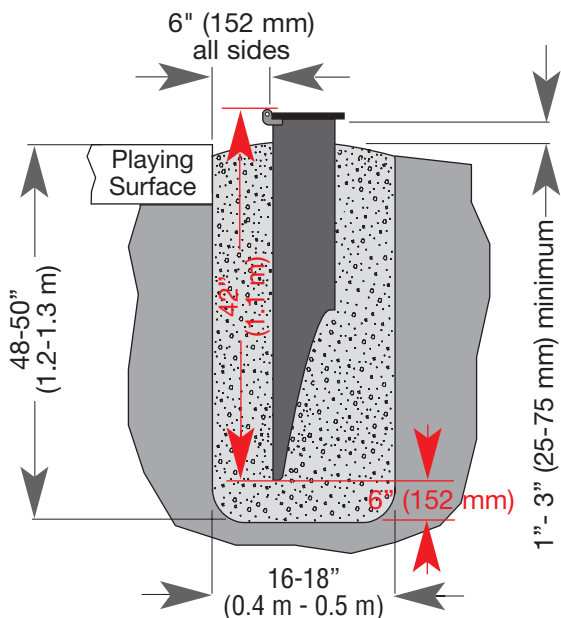
IMPORTANT

You **MUST** dig the anchor hole at least 48" (1.2 m) deep.

WARNING

Before digging for the ground anchor, check for underground power, gas, telephone, water and other utility lines. Failure to do so could result in serious injury. See 811 One Call Warning box on page 2 for more information or call your local utility company.

Step 3: Dig hole 48" to 50" (1.2 m – 1.3 m) deep and 16-18" (0.4 m – 0.5 m) in diameter using a spade, shovel, auger or post hole digger.

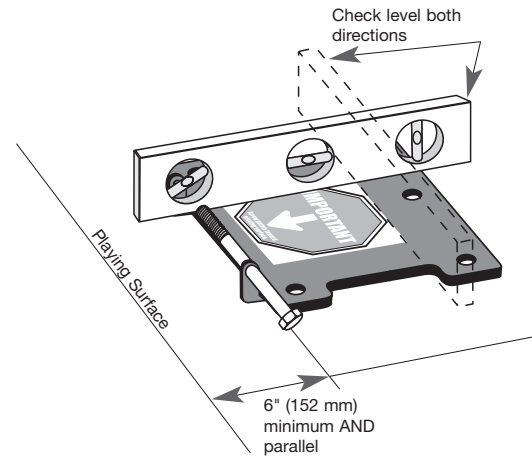


TIME OUT TIP: If you plan on mixing concrete in stages, work quickly to minimize time between batches.

Step 4: Mix concrete. Put concrete in wheelbarrow. Add the amount of water recommended on the bag, and mix with hoe.

Step 5: Begin adding concrete into hole until concrete is approximately 28"- 30" (.7 m – .8 m) deep.

TIME OUT TIP: The arrow on the decal **MUST** be pointing toward the playing surface.



Step 6: Position anchor in center of hole with hinge side toward and parallel with playing surface. Using a level, ensure the anchor is level front-to-back and left-to-right. All edges of the ground anchor must be 6" (15.2 cm) away from all sides of hole and the top of the ground anchor within a range of 1"- 3" (25-75 mm) above the level of the playing surface.

TIME OUT TIP: As you add concrete, occasionally insert a stir rod (such as a broomstick) into three or four places in the concrete and plunge up and down to help eliminate air bubbles.

Step 7: Continue adding concrete until concrete is within 1"- 1.5" (25-38 mm) of anchor plate bottom, or level with the landscape – whichever comes first. Slope top of concrete away from pole with trowel to create a smooth surface.

IMPORTANT

- Periodically re-check the level of the anchor plate in both directions as you add more concrete.
- Slope the top of the concrete fill away from the ground anchor in all directions to shed moisture away.

TIME OUT TIP: If you must adjust the height, be sure to re-check level and that the anchor is parallel with playing surface!

Step 8: If needed, adjust anchor plate height. The top of the ground anchor should be within a range of 1"- 3" (25-75 mm) above playing surface. Be sure to re-check level.



Pole Assembly

IMPORTANT

- Allow 48 hours for concrete to cure before beginning.
- Check to see that no concrete or debris obstructs threads in ground anchor bolt holes by threading anchor bolts in and out.

Step 1: Remove five plastic plugs from threaded holes in ground anchor. Also remove hinge pin and hex nut and place near anchor plate. (These will be used in Step 3.)

⌚ TIME OUT TIP: To protect pole finish, place square packing pad (included in pole box) on the ground at the bottom of pole. Remove once pole is held by installation clip.

Step 2: Unpack pole and jack (or stabilizer bar for fixed height goals). Jack (or stabilizer bar) comes packaged with the pole.

Step 3: Align pole hinge with anchor plate hinge, then insert hinge pin and hand tighten hex nut.

Step 4: Lift pole to approximately 30° and attach installation clip to ground anchor and pole to maintain the installation angle.

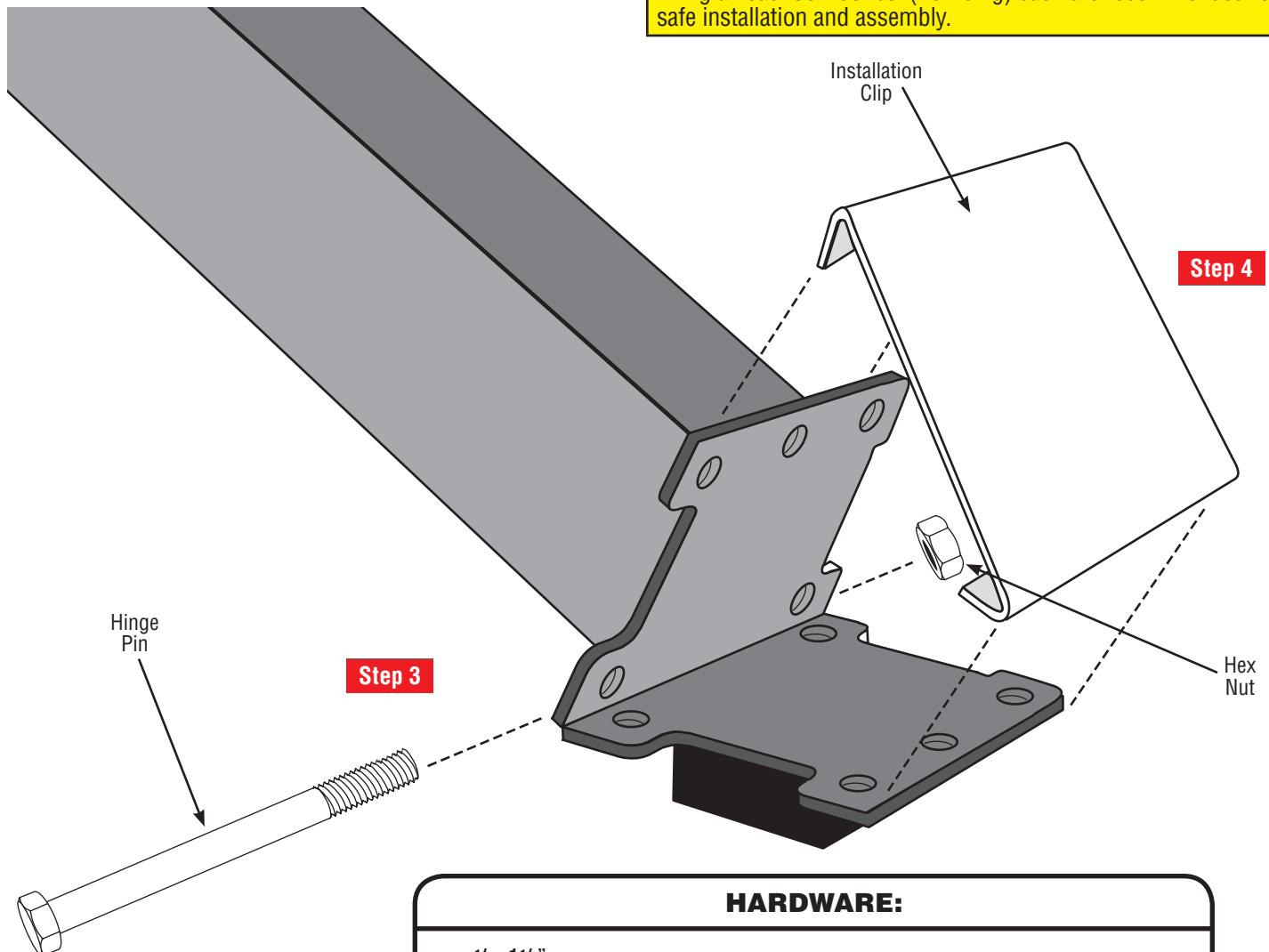
IMPORTANT

The installation clip **MUST** remain in place until pole is raised in Goal Alignment, page 9.



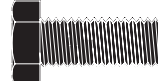
WARNING

Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.



HARDWARE:

$\frac{1}{2} \times 1 \frac{1}{4}$ "
Anchor Bolt (1-black)



$\frac{3}{8}$ " x 7" Hinge Pin (1)



$\frac{3}{8}$ " Hex Nut (1)



Extension Arm Attachments

Adjustable Height Goals Only

WARNING

Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.

TIME OUT TIP: The lower extension arm says "Best in Basketball" and the upper extension arm says "Goalsetter.com".

Step 1: Unpack extension arms. Position lower extension arm with jack mount clevis toward pole offset. Align lower extension arm pivot holes with lower holes in pole.

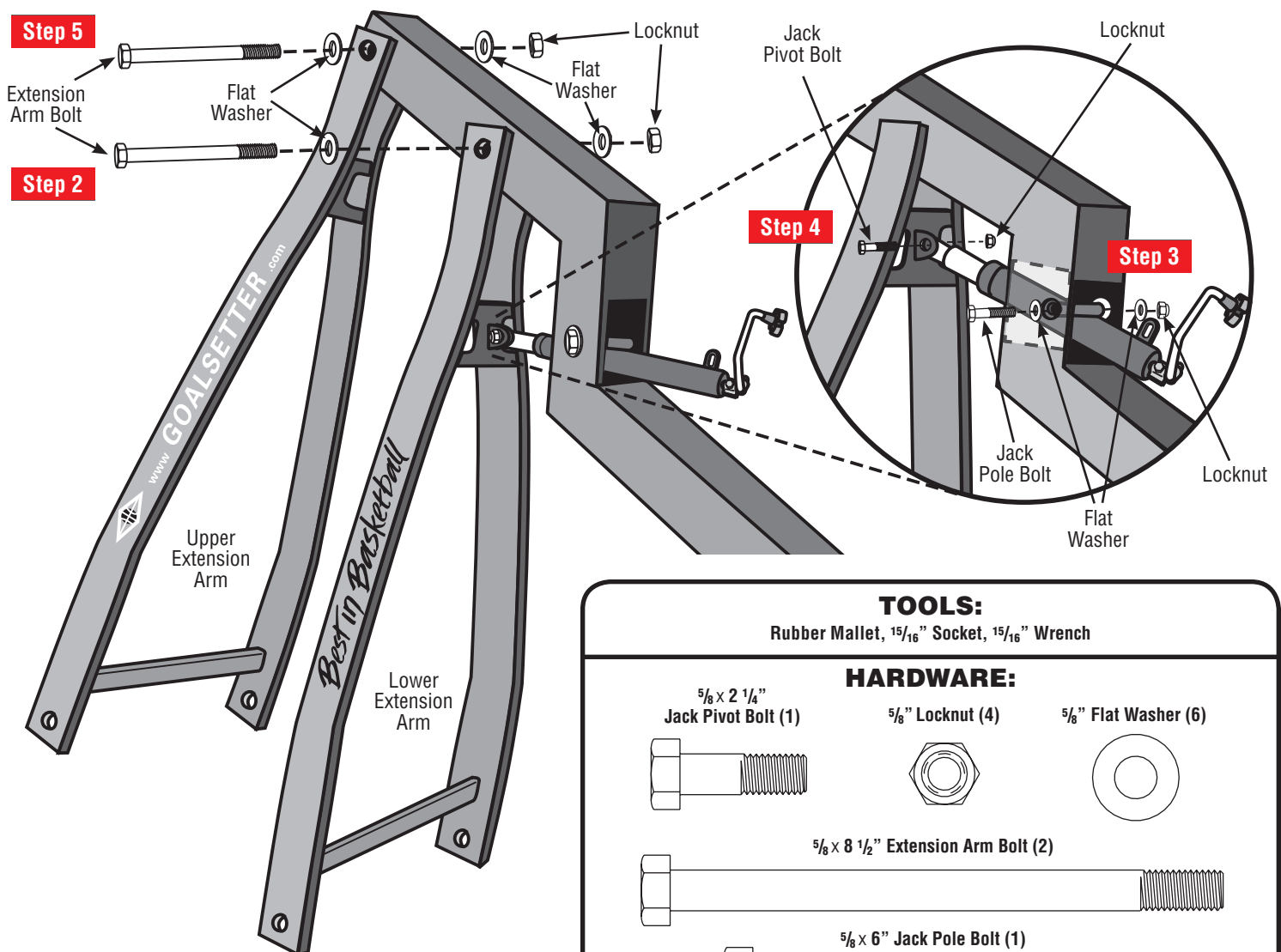
Step 2: Attach lower extension arm pivot holes with lower bushings on pole using the following: one extension arm bolt, two flat washers and a locknut. Tighten with $\frac{15}{16}$ " wrench and socket so the bushings on the extension arm meet the bushing on the pole. Do not over-tighten.

Step 3: Insert jack assembly through bottom opening in pole as shown and align jack pivot with hole in pole. Attach jack to pole using the following: jack pole bolt, two flat washers and a locknut. **NOTE: DO NOT** over-tighten. Snug tighten only.

Step 4: Attach upper mount of jack to lower extension arm using the following: jack pivot bolt and a locknut. **NOTE: DO NOT** over-tighten. Snug tighten only.

Step 5: Attach upper extension arm pivot holes with upper holes in pole following the same hardware and procedure as in Step 2.

Step 6: Remove protective material from extension arms.



Extension Arm Attachments

Fixed Height Goals Only

⚠ WARNING

Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.

⌚ TIME OUT TIP: The lower extension arm says "Best in Basketball" and the upper extension arm says "Goalsetter.com".

Step 1: Unpack extension arms. Position lower extension arm with jack mount clevis toward pole offset. Align lower extension arm pivot holes with lower holes in pole.

Step 2: Attach lower extension arm pivot holes with lower bushings on pole using the following: one extension arm bolt, two flat washers and a locknut. Tighten with $\frac{15}{16}$ " wrench and socket so the bushings on the extension arm meet the bushing on the pole. Do not over-tighten.

Step 3: Set stabilizer bar to $20 \frac{9}{16}$ " by turning the bar to lengthen or shorten.

Step 4: Insert stabilizer bar through bottom opening in pole and align hole on bar with holes in pole and attach using the following: one jack pole bolt, two washers and one locknut.

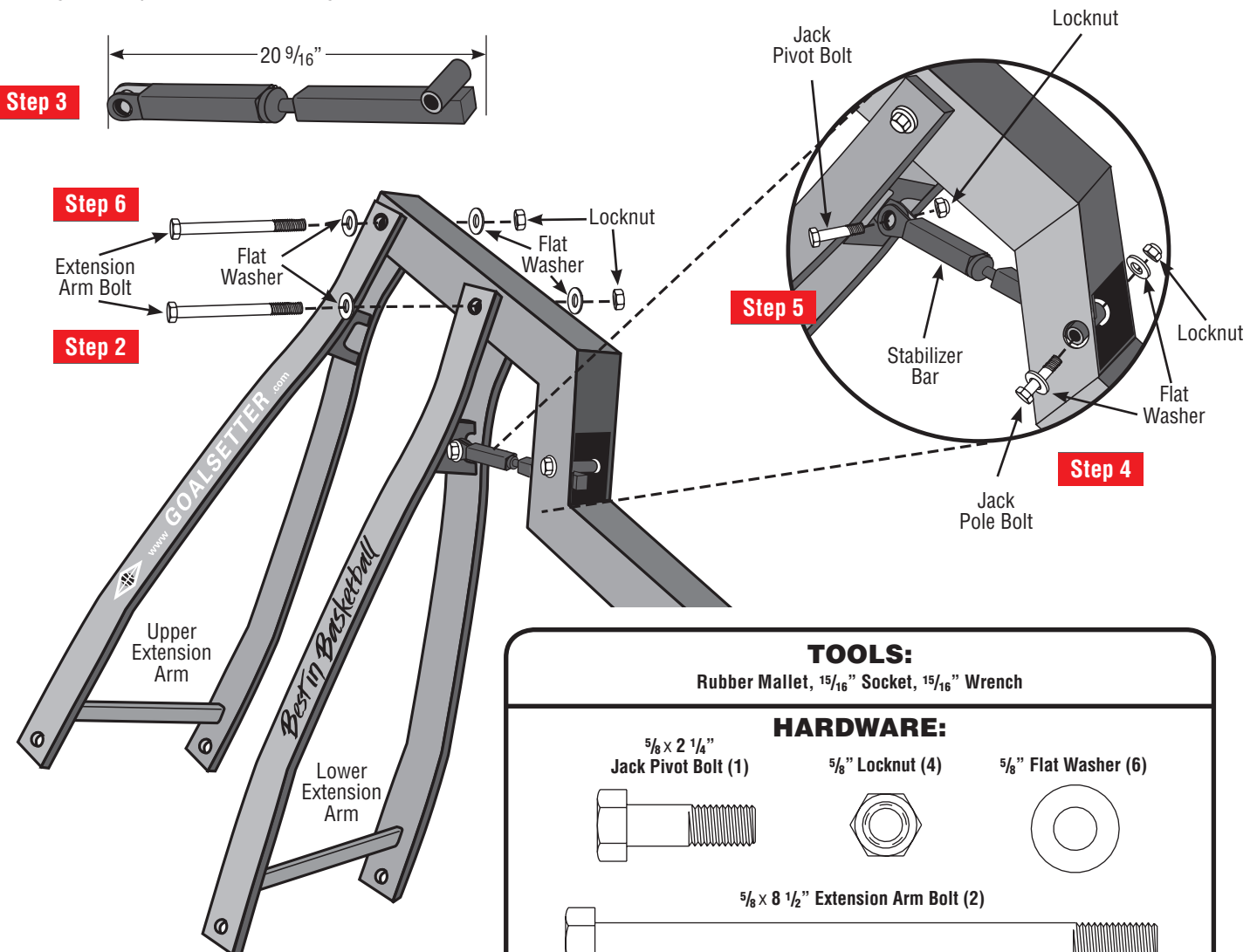
NOTE: DO NOT over-tighten. Snug tighten only.

Step 5: Attach stabilizer bar to lower extension arm using the following: one jack pivot bolt and one locknut.

NOTE: DO NOT over-tighten. Snug tighten only.

Step 6: Attach upper extension arm pivot holes with upper holes in pole following the same hardware and procedure as in Step 2.

Step 7: Remove protective material from extension arms.



Backboard Attachment



WARNING

Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.

IMPORTANT

The installation clip **MUST** be in place to maintain the proper installation angle.



TIME OUT TIP: Lay the unopened box with Goalsetter logo upside down AND let the lid open up and fold away from the goal system.

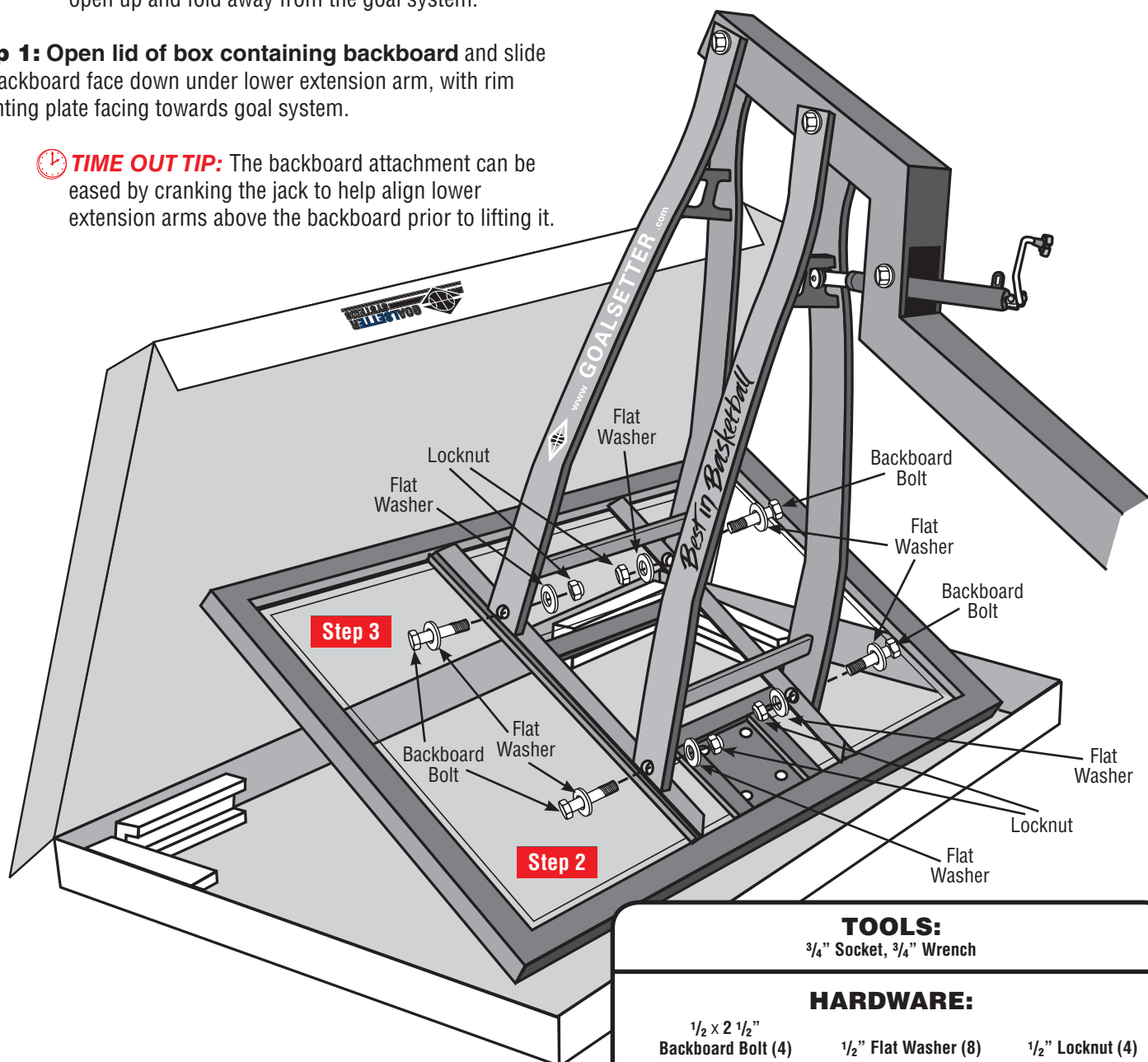
Step 1: Open lid of box containing backboard and slide the backboard face down under lower extension arm, with rim mounting plate facing towards goal system.



TIME OUT TIP: The backboard attachment can be eased by cranking the jack to help align lower extension arms above the backboard prior to lifting it.

Step 2: Carefully lift the bottom of the backboard to align lower backboard holes with lower extension arm holes. Using ratchet and wrench, attach backboard to arm using the following hardware: two backboard bolts, four flat washers and two locknuts. **NOTE:** This is a pivot point! **DO NOT** over-tighten. Snug tighten, so that bushings in arms meet bushings in backboard.

Step 3: Lift top of backboard to align upper holes with upper extension arm holes using the same hardware and procedure as in Step 2.



TOOLS:

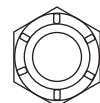
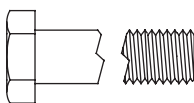
$\frac{3}{4}$ " Socket, $\frac{3}{4}$ " Wrench

HARDWARE:

$\frac{1}{2} \times 2 \frac{1}{2}$ "
Backboard Bolt (4)

$\frac{1}{2}$ " Flat Washer (8)

$\frac{1}{2}$ " Locknut (4)



Goal Alignment



WARNING!

For safe assembly, do the following:

- Use two or three people to raise goal assembly and hold it in a vertical position. Two or three people in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each are recommended for safe installation and assembly.
- **DO NOT** adjust height of backboard or attach rim until pole is raised and appropriately bolted.
- Correct sequence of hardware installation **MUST** be followed during assembly.

To avoid injury, keep fingers and toes away from the ground plate while raising the goal assembly to the vertical position.

Step 1: Remove banding and edge protection from backboard. Peel back TOP $\frac{1}{3}$ of protective sheeting from the backboard. This will allow you to reach the sheeting once goal has been raised, yet protects the surface of the backboard during installation.

Step 2: Locate five anchor bolts. Prepare them for use by having lock washers slipped on and placed near ground anchor.

Step 3: Using at least two people, carefully push up on backboard to raise goal assembly to vertical position. The installation clip will fall away. Save installation clip for future disassembly.

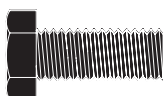


TOOLS:

$\frac{3}{4}$ " Socket, Level, $\frac{1}{2}$ " Drive Torque Wrench

HARDWARE:

$\frac{1}{2} \times 1\frac{1}{4}$ "
Anchor Bolt (5-black)



$\frac{1}{2}$ " Lock
Washer (5)

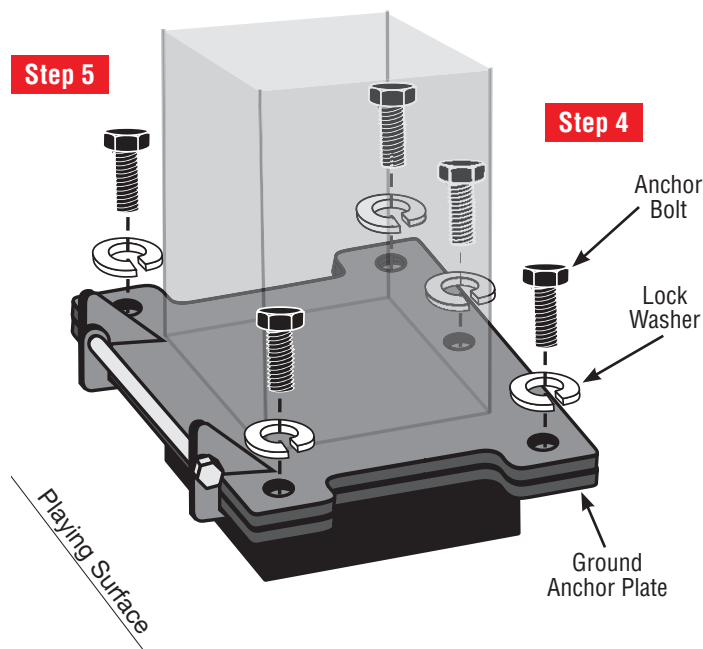


Step 4: Fasten pole to threaded ground anchor plate by installing and hand tightening the three rear anchor bolts with lock washers.

Step 5: Fasten pole to threaded ground anchor plate by installing and hand tightening the two front anchor bolts with lock washers.



TIME OUT TIP: Install rear three anchor bolts first and then the front two anchor bolts.



Step 6: Snug tighten the five anchor bolts, then check goal assembly with a level and inspect visually to determine if it is parallel and plumb to the playing surface.

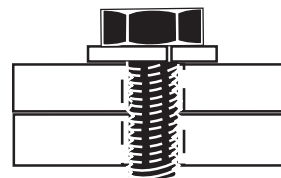
Step 7: If adjustments are necessary, slightly loosen bolts to rotate goal.

Step 8: Fully tighten five bolts using a $\frac{3}{4}$ " socket with a torque wrench. The torque wrench is to be set at 75 ft/lb on dry threads and 55 ft/lb on lubricated threads. **NOTE:** The anchor plate is threaded, so there is no need to use nuts on bolts.

IMPORTANT

The bolts must pass all the way through the ground anchor plate. If they do not pass through the ground anchor plate when fully tightened, **STOP** installation, contact Goalsetter Systems, Inc. and **DO NOT** allow play.

End of anchor bolt should extend $\frac{1}{8}$ " below anchor plate.



Rim Attachment

NOTE: Use all steps of the following instructions to install a reflex rim. To install a static rim, follow all steps *except* Steps 2 and 6.

⌚ TIME OUT TIP: Your warranty card is located behind protective sheeting. You **MUST** fill out and return this card to activate your warranty.

Step 1: Unpack rim. Remove any remaining cardboard edge protectors and protective sheeting from backboard.

IMPORTANT

- Four bushings are factory installed on the backboard. If loose, make sure to have them seated properly when tightening rim bolts. If missing, contact Goalsetter or dealer.
DO NOT install rim without bushings. If the bushings are not in place, glass backboards can shatter and acrylic backboards can crack!
- Correct sequence of hardware installation **MUST** be followed during assembly.

⌚ TIME OUT TIP: Level rim side to side before tightening backboard bolts.

Step 2: If not already removed, remove cover plate screws and cover plate from rim assembly.

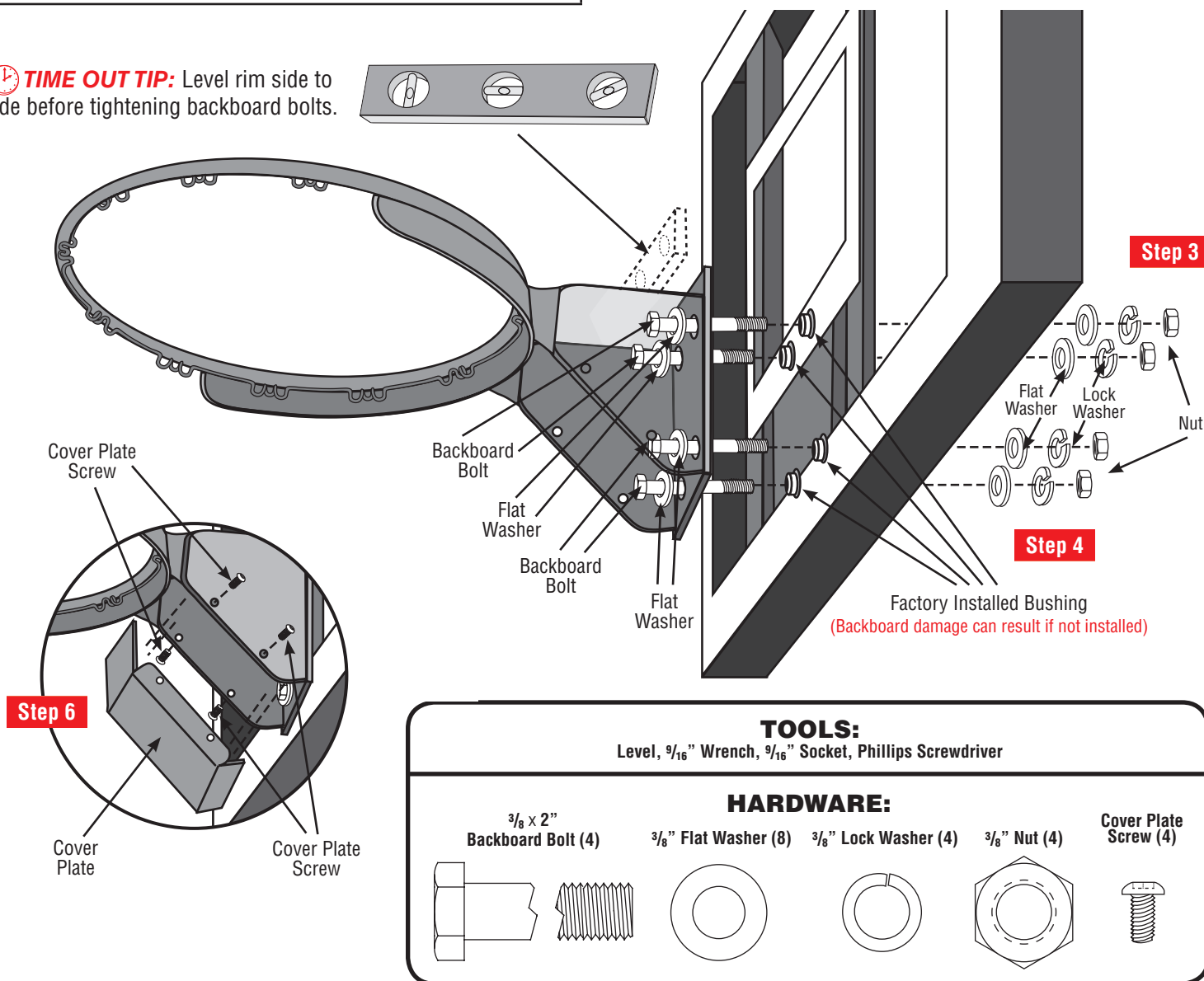
Step 3: Starting with the top two mounting holes, loosely attach rim to backboard following the hardware sequence as shown in the illustration below. Snug tighten hardware - a $\frac{9}{16}$ " open-end wrench may be necessary.

Step 4: Repeat hardware sequence outlined in Step 3 for lower rim mounting holes.

Step 5: Level rim side to side and then fully tighten hardware.

Step 6: Position cover plate and attach with cover plate screws.

Step 7: Attach net to rim.



Raise and Adjust Backboard

Fixed Height Goals Only

⚠ WARNING!

To prevent serious injury or death, if using a stepladder, make sure it is in good condition, setting on a level and stable surface and do not exceed its weight rating.

Use two or three people to raise backboard assembly and hold it at the 10' position. They should be in good physical condition and capable of lifting at least 90-100 lbs. (40-45 kg) each for safe installation and assembly.

Step 1: Measure the distance from the playing surface to top of rim with a tape measure.

Step 2: Subtract the measured distance from 10' – this is the amount the goal will need to be adjusted.

Step 3: While one or two people hold up backboard, remove jack pivot bolt and locknut from lower extension arm using a rubber mallet and a steel punch.

IMPORTANT

DO NOT over-extend threaded rod in stabilizer bar. If total length needed is over 23", **DO NOT USE**. Call Goalsetter or your local dealer for a custom-length stabilizer bar.

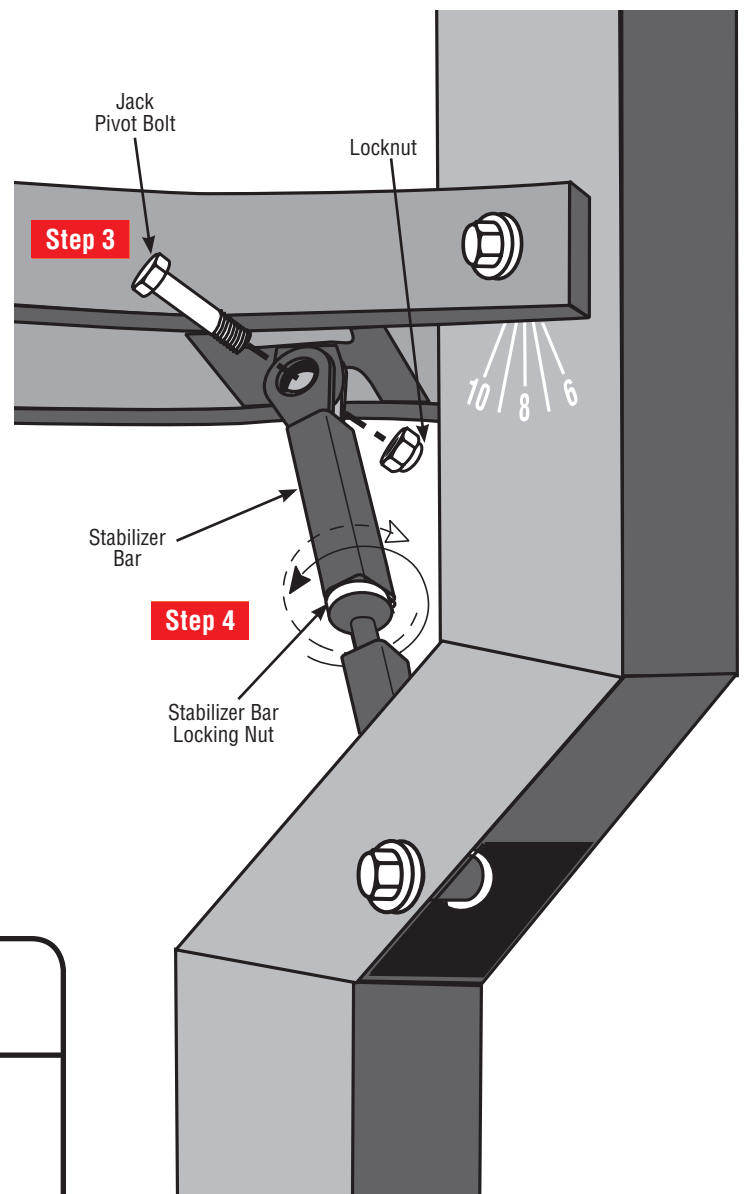
Step 4: Lengthen or shorten the stabilizer bar by turning it $\frac{1}{2}$ turn for every $\frac{1}{4}$ " of adjustment needed (or 1 full turn for every $\frac{1}{2}$ " adjustment needed).

Step 5: Re-attach stabilizer bar to lower extension arm using the hardware removed in Step 3.

Step 6: Repeat steps 1-5 until a rim height of 10' is achieved.

IMPORTANT

After all height adjustments have been completed, make sure all hardware is properly tightened, including stabilizer bar locking nut. Nut should be tightened toward the top of threaded rod, against top tube section using a $1\frac{1}{8}$ " wrench.



TOOLS:

Stepladder, 12' Tape Measure, Rubber Mallet, Steel Punch, $\frac{3}{4}$ " Socket, $\frac{15}{16}$ " Wrench, $1\frac{1}{8}$ " Wrench

HARDWARE: Removed and Reattached

$\frac{5}{8}$ " Locknut (1)

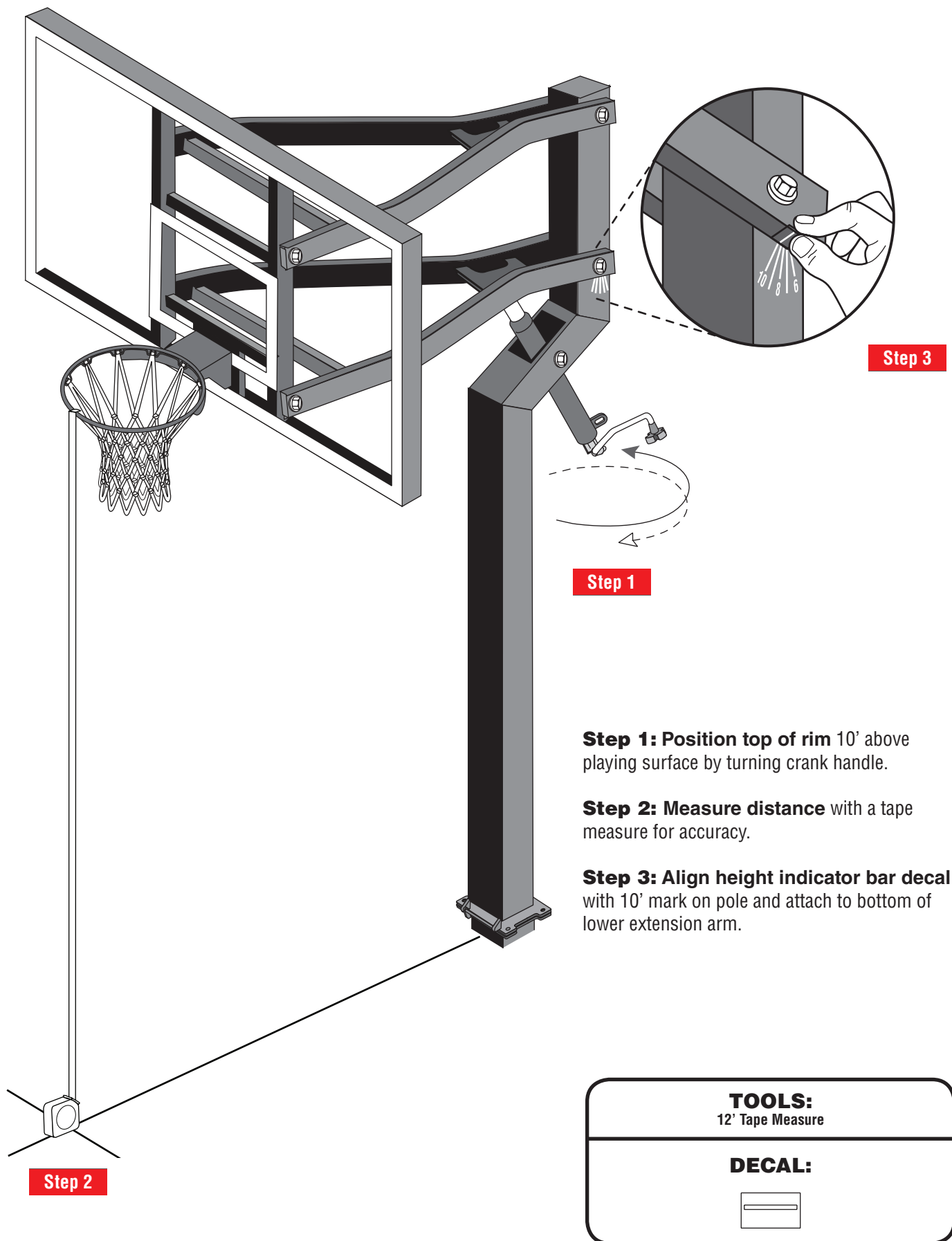


$\frac{5}{8} \times 2\frac{1}{4}$ " Jack Pivot Bolt (1)



Height Indicator Attachment

Adjustable Height Goals



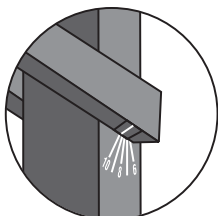
Ready to Play

Operation

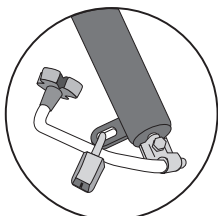
Crank handle turns clockwise for goal to go up, crank handle turns counter clockwise for goal to go down.



Height indicator indicates goal height from 6' to 10'.



Lock with padlock (user provided) to prevent undesired height adjustment.



Maintenance

The life of your basketball goal system depends on many variables. The climate, exposure to corrosives such as salt, organic materials, pesticides, or herbicides, and excessive use or misuse can all contribute to failure of the goal system, which may cause property damage or personal injury. Before each use, check the goal system for loose hardware, excessive wear, abuse, or vandalism or signs of rust or corrosion.

For safety reasons, and to prolong the life of your basketball system, you must take the following preventative measures:

- Check all nuts and bolts. Inspect the threads and replace if necessary. If any are loose, tighten them.
- Check all parts for excessive wear and tear. If necessary, replace any parts that have been worn or damaged through usage.
- Check all sections of the goal system for visible rust or chipped or cracked paint, and if present, repair appropriately. See Paint Touch-Up on this page.

IF RUST OR CORROSION HAS PENETRATED ANY COMPONENT, DO NOT ALLOW PLAY ON THE GOAL AND REPLACE PARTS IMMEDIATELY.

- Contact Goalsetter Systems, Inc. for replacement parts. Only use parts provided by Goalsetter Systems, Inc. Use of other parts (a) may cause the goal system to fail, (b) could result in death, serious injury or property damage, and (c) will void the warranty.
- Inspect the Warning Sticker on the pole. If it is ripped, faded, or illegible, contact Goalsetter Systems, Inc. to request a replacement Warning Sticker.

Cleaning

The exterior finish of your Goalsetter® goal is designed for outdoor environments and should only require periodic cleaning and inspection for imperfections that could develop over time.

When cleaning is necessary, Goalsetter recommends using water and a mild dish detergent applied with a soft, non-abrasive cloth.

IMPORTANT

DO NOT use abrasive cleaners to clean the goal. Damage to the finish may result.

Paint Touch-Up

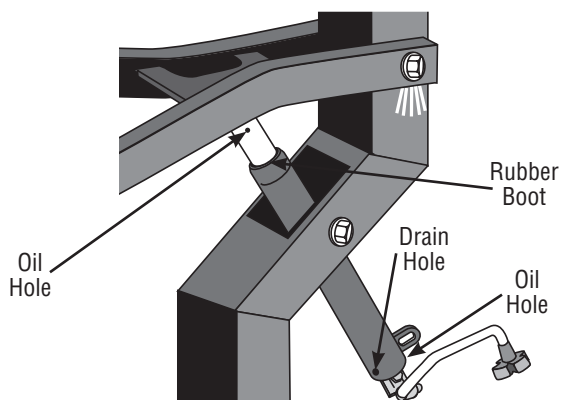
Goalsetter Systems, Inc. uses a two-part acrylic-enamel paint on the goals. With periodic inspection and service when needed, the high-gloss finish is designed to last for many years. A small bottle of black paint with brush is provided in the hardware kit for touch up of imperfections as they develop. If more touch up is required, please contact Goalsetter Systems, Inc. or your local Goalsetter Dealer.



Lubrication

The jack is pre-lubricated. As with any mechanical component, periodic inspection and service is required. Goalsetter Systems, Inc. recommends applying lubrication each spring and fall to keep a smooth operation of the height actuator. Failure to do so could result in jack failure and not be covered under warranty.

Lubricate jack by pulling back on rubber boot at top of outer tube of jack assembly. Apply lubricating oil and allow to seep down into jack assembly. Also, add a liberal amount of lubricating oil to the two oil holes located at each end of jack extension arm.



IMPORTANT

A general-purpose lubricating oil like "3-in-1" or lightweight motor oil is recommended. **DO NOT** use a penetrating oil (i.e. WD40.) Goalsetter has "Maintenance Kits" available which would include a bottle of lubricating oil. Contact Goalsetter Systems, Inc. or your local Goalsetter Dealer for details.

Warranties

IMPORTANT

Enclosed underneath the protective sheeting on your backboard is a warranty registration card. **YOU MUST FILL OUT AND MAIL IN THIS CARD IN ORDER TO HAVE A VALID WARRANTY.**

You may also fill out a warranty registration online at www.goalsettersystems.com.

LIMITED WARRANTY

LIMITED LIFETIME WARRANTY: Subject to proper installation and normal, intended use, and subject to the limitations set forth below, Goalsetter Systems, Inc. warrants to the original retail purchaser that all structural components of Goalsetter® Systems Signature Series*, Extreme Series** and GS Wall-Mount Series*** basketball systems are free of defects in material and workmanship for the duration of ownership by such original retail purchaser or 5 years after discontinuation of the product by Goalsetter Systems, Inc..

*Signature Series – MVP, Captain, All-American, All-Star, Contender, Champion;

**Extreme Series – X672, X660, X560, X554, X454, X448;

***GS Wall-Mount Series – GS72 Wall-Mount, GS60 Wall-Mount, GS54 Wall-Mount, GS48 Wall-Mount; Tournament Series – Elite, Classic; GS Portable Series – GS1000, GS2000, GS2500, GS3000, GS3500.

LIMITED WARRANTY: Subject to proper installation and normal, intended use, and subject to the limitations set forth below, Goalsetter Systems, Inc. warrants to the original retail purchaser that all structural components of (a) Goalsetter Systems Tournament Series* basketball systems are free of defects in material and workmanship for a period of five years from date of purchase (b) Goalsetter Systems GS Portable Series* basketball systems are free of defects in material and workmanship for a period of two years from date of purchase.

Any warranty on a basketball system excludes the rim. Rim warranties are as follows: Rims shall be free from defects in materials and workmanship from the date of purchase as follows: Single Ring Static Rim: two-year limited warranty; Double Ring Static Rim: limited lifetime Warranty; Home Court Flex Rim: one-year limited warranty; Heavy Duty Flex Rim: two-year limited warranty; GS Ultra Flex Rim: five-year limited warranty; GS Collegiate Breakaway Rim: five-year limited warranty; Double Ring Static Galvanized Rim: limited lifetime warranty.

Padding Warranty: Padding shall be free from defects in materials and workmanship from the date of purchase as follows: Multi-Purpose Backboard Edge Padding: one-year limited warranty; Indoor Backboard Edge Padding: five-year limited warranty (indoor only); Custom Fitted Pole Padding: one-year limited warranty; Wrap Around Pole Padding: one-year limited warranty

MISC PRODUCT WARRANTIES: The following products shall be free from defects in materials and workmanship from the date of purchase as follows:

Other Portable Systems: GS1000 – 2 year limited warranty; GS4500: 5-year limited warranty; GS5000: Base, 10-year limited warranty; Pole, Backboard, Hand Crank, Padding and Rim, 5-year limited warranty; GS6000 & GS7000: Portable structure, 10-year limited warranty; Backboard, limited lifetime warranty; Padding and Rim, 5-year limited warranty

Playground Structures: All GS MAX & GS Double MAX Systems: 10-year limited lifetime warranty; RP775 3-1/2" Gooseneck Pole: 10-year limited warranty; RP776 3-1/2" Adjustable Pole: 10-year limited warranty; RP777 4-1/2" Gooseneck Pole: 25-year limited warranty; RP778 4-1/2" Adjustable Pole: 25-year limited warranty; RP780 Mega Duty Pole: limited lifetime warranty

Gym Structures & Accessories: Stationary, Side Fold and Swing Up Wall Mounted Structures: limited lifetime warranty; Height Adjuster: 10-year limited warranty; A11067 Wall Mount Power Winch: 5-year limited warranty; A11068 Portable 110 Volt Winch: 1-year limited warranty; A11008 Fail-Safe Structure Catch: 10-year limited warranty; A11200 Easy-Up Youth Mini Goal: 1-year limited warranty on structure and rim, limited lifetime warranty on backboard

Rims & Nets: R10126 Single Ring Static: 2-year limited warranty; R10226 Double Ring Static: limited lifetime warranty; R10326 Heavy Duty Reflex: 2-year limited warranty; R10426 GS Ultra Flex: 5-year limited warranty; R10554 GS Collegiate Breakaway: 5-year limited warranty; R10654 GS Pro Breakaway: 5-year limited warranty; R10834 Home Court Reflex: 1-year limited warranty; R10935 GS Premier Breakaway: 5-year limited warranty; A11013 Steel Net: 2-year limited warranty

Institutional Backboards: CB4272RG 42x72 Competition Glass: limited lifetime warranty (indoor only); CB4272RGCV 42x72 Competition Glass Conversion: limited lifetime warranty (indoor only); CB4872RG 48x72 Rectangular Glass: 20-year limited warranty (indoor only); RB4254GC 42x54 Glass Conversion: limited lifetime warranty (indoor only); CB3954FG Fan-Shaped Glass: limited lifetime warranty (indoor only); RB4260RS 42x60 Rectangular Steel: 10-year limited warranty; RB3954RS 39x54 Rectangular Steel: 10-year limited warranty; RB3954FS 39x54 Fan Steel: 10-year limited warranty; RB3954RA 39x54 Rectangular White Aluminum: limited lifetime warranty on direct mount pole systems; RB3654FCA 36x54 Fan Cast Aluminum: limited lifetime warranty on direct mount pole systems, otherwise 10-year limited warranty; RB3654FA 36x54 Fan White Aluminum: limited lifetime warranty on direct mount pole systems, otherwise 10-year limited warranty; RB4272RF 42x72 Rectangular Fiberglass: 10-year limited warranty; RB4254RP 42x54 Rectangular Polycarbonate: limited lifetime warranty; RB4254RG 42x54 Rectangular Glass: limited lifetime warranty; RB3954FP 39x54 Fan Polyethylene: limited lifetime warranty

The Limited Lifetime Warranty and the Limited Warranty shall cover damage or failure that occurs during the course of **NORMAL** or **INTENDED USE** of the product. Normal or intended use shall be described as activity that is necessary for the participation in the sport for which the equipment is designed. **NOT COVERED** is damage caused by deliberate hanging, multiple player hanging, vandalism, non-basketball activities or any other activity that could be regarded as abusive.

A limited lifetime warranty is effective for the duration of ownership by the original retail purchaser or 5 years after discontinuation of the product by Goalsetter Systems, Inc.

Goalsetter Systems, Inc. shall have the right to require the purchaser to deliver at its expense the allegedly defective product to Goalsetter for testing, repair or replacement. Goalsetter shall not be responsible for any expenses associated with the replacement or removal of the product from its application for such delivery.

THE WARRANTY IS VOID IF THE PRODUCT HAS BEEN DAMAGED BY ACCIDENT, USE FOR PURPOSES FOR WHICH IT IS NOT INTENDED, AS THE RESULT OF IMPROPER INSTALLATION, FAILURE TO FOLLOW INSTALLATION, CARE OR MAINTENANCE INSTRUCTIONS PROVIDED WITH THE PRODUCT, USE OF PARTS NOT PROVIDED BY GOALSETTER SYSTEMS OR ANY MODIFICATION OF ANY PRODUCT BY THE CUSTOMER UNLESS APPROVED BY GOALSETTER SYSTEMS, INC., OR OTHER CAUSES NOT ARISING OUT OF DEFECTS IN MATERIALS OR WORKMANSHIP.

The sole obligation of Goalsetter Systems, Inc., and the exclusive remedy under the applicable warranty, is repair or replacement of any component part determined by Goalsetter Systems, Inc. to be defective and covered by the warranty. Goalsetter Systems, Inc. will not be liable for any other damages or expenses. The applicable warranty is expressly in lieu of all other warranties, express or implied. Goalsetter Systems, Inc. does not assume, and no other person or representative is authorized to assume for Goalsetter Systems, Inc. any other liability in connection with the sale of Goalsetter System products.

NOT COVERED BY WARRANTY

- Use in non-residential applications of Glass backboards on Signature Series systems.
- Use in non-residential applications of Extreme Series and Tournament Series complete systems.
- Any products subjected to abuse, negligence, improper installation, vandalism, acts of God, alteration of product and any other events beyond the control of Goalsetter Systems, Inc.
- Paint or rusted parts. Touch-up paint is included in all hardware kits.
- Deterioration of product due to time or wear and tear.

Normal deterioration of products due to atmospheric conditions, weather, wear and tear (including scratching or scuffing paint from normal use), or other causes that do not affect functional use are not covered by Goalsetter Systems, Inc. warranties. All warranties are valid only when product is used in the intended application & when installed according to Goalsetter Systems instructions. Warranty may be void if maintenance instructions in the Owner's Manual are not followed. If you did not receive an Owners Manual, please call 1-800-362-4625 and one will be mailed to you.

DISCLAIMERS: THE APPLICABLE WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. AND ALL OTHER WARRANTIES ARE HEREBY DISCLAIMED, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. UNDER NO CIRCUMSTANCES SHALL GOALSETTER SYSTEMS, INC. BE LIABLE FOR ANY INDIRECT, CONSEQUENTIAL, SPECIAL, INCIDENTAL, PUNITIVE, OR EXEMPLARY DAMAGES OF ANY KIND.

THE PRODUCT IS INTENDED TO BE USED TO PLAY THE SPORT OF BASKETBALL. ALL SPORTS INVOLVE RISK OF INJURY. THE USER ASSUMES ALL RISK OF INJURY RESULTING FROM THE USE OF THIS PRODUCT. ALL PRODUCTS ARE SOLD ON THIS CONDITION AND NO REPRESENTATIVE OF THE COMPANY MAY WAIVE OR CHANGE THIS POLICY.

Some states do not allow the exclusion or limitation of implied warranties or consequential or incidental damages, so the above limitations or exclusions may not apply to you.

LEGAL REMEDIES: This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

WARRANTY CLAIMS: All returns must be arranged through the Goalsetter Systems, Inc. dealer where the product was originally purchased. Warranties do not cover dealer service charges, labor charges, freight charges, and travel expenses associated with replacement, repair or removal of warranty items. A Goalsetter Warranty Claim form must be completed, and photos submitted, together with proof of purchase, for any item you wish to claim under warranty. If the purchase was not made through a dealer, this form is available by email, fax or mail. In response to your claim, you will receive an order confirmation as well as a notice stating whether Goalsetter Systems, Inc. needs your warranty item returned. Goalsetter Systems, Inc. will notify you by fax or phone if we determine that the item cannot be claimed under warranty. **Goalsetter Systems, Inc. is not responsible for any charges for labor to install or repair defective product without prior authorization. Goalsetter Systems, Inc. will determine the most economical method to either repair or replace product before any work is to commence.**

Questions or Comments?

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www.goalsettersystems.com

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