In-Ground Basketball System Owners Manual

Adult Assembly Required.

This manual, accompanied by sales receipt, should be saved and kept on hand as a convenient reference, as it contains important information about your model.

Write Model Number From Box Here:

WARNING!
PLEASE ENSURE that (4) steel spacers are in place between Board Frame and Rim Prior to tightening bolts. (SEE PAGE 15)

FAILURE TO FOLLOW OPERATING INSTRUCTIONS COULD RESULT IN INJURY OR DAMAGE TO PROPERTY.

WARNING!
READ AND UNDERSTAND OPERATOR’S MANUAL BEFORE USING THIS UNIT.
FAILURE TO FOLLOW OPERATING INSTRUCTIONS COULD RESULT IN INJURY OR DAMAGE TO PROPERTY.
SAFETY INSTRUCTIONS

FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS MAY RESULT IN SERIOUS INJURY, PROPERTY DAMAGE AND WILL VOID WARRANTY.

Owner must ensure that all players know and follow these rules for safe operation of the system.

To ensure safety, do not attempt to assemble this system without following the instructions carefully. Proper and complete assembly, use and supervision is essential for proper operation and to reduce the risk of accident or injury. A high probability of serious injury exists if this system is not installed, maintained, and operated properly. Check entire box and inside all packing material for parts and/or additional instructional material. Before beginning assembly, read the instructions and identify parts using the hardware identifier and parts list in this document.

Most injuries are caused by misuse and/or not following instructions. Use caution when using this system.

• If using a ladder during assembly, use extreme caution.
• Three (3) capable adults are recommended for this operation.
• Before digging, contact utility company to locate underground power cables, gas, and water lines. Ensure there are no overhead power lines within 20 ft. (7 m) radius of pole location.
• Climate, corrosion, excessive use, or misuse could result in system failure.
• If technical assistance is required, contact Customer Service.
• Minimum operational height is 6’6” (1.98 m) to the bottom of backboard.
• This equipment is intended for home recreational use only and NOT excessive competitive play.
• Read and understand the warning label affixed to pole.
• The life of your basketball pole depends on many conditions. The climate, placement of the pole, the location of the pole, exposure to corrosives such as pesticides, herbicides or salts are all important.
• Adult supervision is recommended when adjusting height.
• Serious injury could occur if teeth/face come in contact with backboard, net, or rim.

Owner must ensure that all players know and follow these rules for safe operation of the system.

• DO NOT HANG on the rim or any part of the system including backboard, support braces or net.
• During play, especially when performing dunk type activities, keep player’s face away from the backboard, rim and net. Serious injury could occur if teeth/face come in contact with backboard, rim or net.
• Do not slide, climb, shake or play on base and/or pole.
• When adjusting height or moving system, keep hands and fingers away from moving parts.
• Do not allow children to move or adjust system.
• During play, do not wear jewelry (rings, watches, necklaces, etc.). Objects may entangle in net.
• Keep organic material away from pole base. Grass, litter, etc. could cause corrosion and/or deterioration.
• Check pole system for signs of corrosion (rust, pitting, chipping) and repaint with exterior enamel paint. If rust has penetrated through the steel anywhere, replace pole immediately.
• Check system before each use for proper ballast, loose hardware, excessive wear and signs corrosion and repair before use.
• Check system before each use for instability.
• Never play on damaged equipment.
• Keep pole top covered with cap at all times.
• See instruction manual for proper installation and maintenance.

Most injuries are caused by misuse and/or not following instructions. Use caution when using this system.

For more information on assembly, placement, proper use and maintenance, visit The American Basketball Council website at http://www.smarthroops.com.

REQUIRED TOOLS AND MATERIALS:

- 3 Capable Adults
- Carpenter’s Level
- 15’ Tape Measure
- Shovel & Post Hole Digger
- Wood Board (scrap)
- (2) Stepladders 8 ft. (2.4 m)
- (1) Utility Knife
- Safety Goggles
- Phillips-Head Screwdriver
- (2 each) Wrenches and/or Socket Wrenches and Sockets (Deep-Well Sockets are Recommended).
  - 1/2”, 9/16”, 3/4”, 15/16”
- Optional: Large & Small Adjustable Wrenches

CONCRETE
1520 LBS.
(689 KG.)

Container to Mix

1-800-334-9111

In the U.S.: 1-800-334-9111
In Canada: 1-800-284-8339

In the U.S.: 1-888-713-5488
In the U.S.: 1-800-334-9111
To ensure optimal playability of backboard system, a close tolerance fit between the elevator components and hardware is required. Test-fit large bolts into large holes of elevator tubes, backboard brackets, and triangle plates. Carefully rock them in a circular motion to ream out any excess paint from holes if necessary.

Not all items pictured are included with every model.

**NOTICE TO ASSEMBLERS**

Adult Assembly Required. Dispose of ALL packaging materials promptly. As with all products, periodically inspect for loose small parts.

ALL basketball systems, including those used for DISPLAYS, MUST be assembled and installed according to instructions. Failure to follow instructions could result in SERIOUS INJURY. It is NOT acceptable to devise a makeshift support system.

**IMPORTANT!**

Remove all contents from boxes.
Be sure to check inside pole sections, hardware and additional parts are packed inside.

Questions or Missing Parts?

Call TOLL-FREE Customer Service number listed on the front page!

**WARNING!**

IF YOUR SYSTEM IS EQUIPPED WITH AN ACRYLIC BACKBOARD, EXAMINE BACKBOARD FOR ANY DAMAGE THAT MAY HAVE OCCURRED DURING SHIPMENT. CRACKS IN THE BACKBOARD COULD RESULT IN SUDDEN BREAKAGE. IF BACKBOARD IS DAMAGED IN ANY WAY PRIOR TO OR AFTER ASSEMBLY, CALL TOLL-FREE NUMBER: U.S. 1-800-334-9111 Internet Address: www.spalding.com
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* You may have extra parts with this model.
1. Ensure ground is level with playing surface, then dig pole hole.

2. Install nuts (9) onto the ground tube (2) bolts as shown.

**NOTE:**
Nuts on the top of the plate are used for leveling the pole after system is fully assembled.
3. Fill hole with concrete. Tamp down concrete to release air pockets and build drainage hill.

4. Insert rebar (10) through holes in ground tube assembly (2) as shown.
Insert ground tube assembly (2) into wet cement as shown. Move assembly around to release any air pockets in cement, then rest mounting plate on top of cement drainage hill. Apply some pressure to level mounting plate on top of drainage hill. Level mounting plate and square with playing surface. Clean off any excess cement on mounting plate at this time and place washers (24) on mounting bolts.

**IMPORTANT!:** WAIT A MINIMUM OF 72 HOURS BEFORE GOING ON TO NEXT STEP. CONCRETE MUST CURE. ALLOW ADDITIONAL TIME FOR COLD, WET OR HUMID WEATHER.
6. Insert bushings (13) into areas shown.
7. Rest top of pole (1) on a piece of scrap wood (not included) and line up holes in pole to holes in mounting plate as shown.

A. Insert bolt (28) through holes in plate and pole (1) and secure with nut (22).

**WARNING!**

THREE CAPABLE ADULTS REQUIRED FOR THIS PROCEDURE. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE.
**WARNING!**

Three capable adults required for this procedure. Failure to follow this warning could result in serious injury and/or property damage.

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**8.**

Two capable adults are required to lift pole into position so that the threaded assembly rod (14) can be installed and secured by the third capable adult.

While pole is being supported by two capable adults, position rod (14) and lock into place with hitch pin (15) and cotter pin (34).

Slide barrel washer (35) onto other end of rod (14) and secure with washer (24) and nut (26). Tighten nut (26) until it is positioned at 3-3/4" from the end of the rod (14) as shown (Figure A).
Pole is being supported by **TWO** capable adults. While still in forward position, attach both upper and lower yokes (17 & 18) to pole as shown.

**WARNING!**

THREE CAPABLE ADULTS REQUIRED FOR THIS PROCEDURE. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE.
10. Attach elevator adjustment (12) to lower yoke (18).

**WARNING!**
THREE CAPABLE ADULTS REQUIRED FOR THIS PROCEDURE. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE.
While pole is being supported by **TWO** capable adults, attach elevator adjustment (12) to pole bracket.

**WARNING!**

THREE CAPABLE ADULTS REQUIRED FOR THIS PROCEDURE. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE.
WARNING!

PLEASE ENSURE

THAT FOAM PAD IS PLACED ON TOP OF ALL 4 STEEL SPACERS AND HAS ADHERED TO GLASS OF THE BACKBOARD BEFORE ATTACHING YOKES.

FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN PERSONAL INJURY OR DAMAGE TO PROPERTY.

STEP 1. Place foam pad onto a flat surface with the adhesive side facing up. Remove the protective film.

STEP 2. Individually align the (4) steel spacers with the (4) holes of the foam pad and firmly press the (4) steel spacers onto the adhesive surface of the foam pad.

STEP 3. Place the (4) steel spacers from the spacer and foam pad assembly created in step 2 into the mounting holes of the backboard. Firmly press the foam pad onto the glass of the backboard.

STEP 4. PLEASE ENSURE ALL (4) STEEL SPACERS ARE SECURED TO GLASS BACKBOARD UNDER FOAM PAD BEFORE ATTACHING YOKES TO BACKBOARD. (SEE FIG. 4)
12. Attach backboard (19) to upper and lower yokes (17 & 18).

A. First attach backboard (19) to upper yoke (17), using **TWO** people to hold the backboard and **ONE** person to attach hardware (FIG. A). Use hardware as shown in FIG. B.

B. Then, hinge board to match up with holes in lower yoke (18), FIG. C, and secure with hardware as shown in FIG. D.

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**WARNING!**

THREE CAPABLE ADULTS REQUIRED FOR THIS PROCEDURE. FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE.
Before starting rim assembly, tighten nut (26) until it is positioned 6-3/4" from the end of the rod (14) as shown (Figure A).

Remove rim cover (16), attach rim assembly (3) to backboard (19) using Foam pad (38) Steel Spacers (37) washers (6) and nuts (5) then reattach rim cover (16).

IMPORTANT!

POLYCARBONATE & ACRYLIC BOARDS:
Carefully cut and peel protective film away from board prior to attaching rim.

NOTE:
Refer to instructions included with rim hardware for rim assembly.
14. Apply height indicator labels (31 & 32) to height indicators (30).

B. Attach height indicator to left side of lower yoke (18) in area shown by turning screws (29) into place with a phillips-head screwdriver.

C. Attach height indicator to right side of lower yoke (18) in area shown by turning screws (29) into place with a phillips-head screwdriver.

15. Install net (4) to rim as shown.
Upright pole (1) by tightening nut (26). Using 15/16" wrench, turn nut (26) clockwise to begin standing pole upright as **TWO** capable adults support and guide the pole as well as relieve pressure from nut (26). Continue to turn nut (26) until pole has come to rest against washers (24) and pole is vertical.

Once pole is in its final position and as **TWO** capable adults continue to support pole (1) install washers (24) and nuts (9) onto mounting bolts (19) and fully tighten to secure pole to anchor plate (2).

**WARNING!**

THREE CAPABLE ADULTS REQUIRED FOR THIS PROCEDURE. TWO PEOPLE ARE REQUIRED TO GUIDE AND SUPPORT THE SYSTEM WHILE THE THIRD PERSON IS TIGHTENING NUT (26) TO RAISE THE SYSTEM UPRIGHT.

FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE.
After pole has been secured to the anchor plate loosen nut (26), remove cotter pin (34), and pull out pin (15). This will allow the removal of the threaded assembly rod (14) which is no longer necessary for the remainder of the assembly and installation of system.

**WARNING!**

ONLY AFTER THE ANCHOR PLATE HAS BEEN FULLY TIGHTENED: Remove cotter pin (34) and pin (15) to remove threaded assembly rod (14) from anchor plate.
18. Check system leveling. Pole (1) should be level in all directions. After system is leveled, completely tighten all nuts (9).

NOTE:
If adjustment is necessary, adjust system by rotating the nuts (9) between anchor plate and pole flange.

19. Apply height adjustment label (11).
Adjust system by turning crank until desired height is reached per height indicator (30).

WARNING!
READ AND UNDERSTAND WARNING & HEIGHT ADJUSTMENT LABELS BEFORE USING THIS UNIT.
FAILURE TO FOLLOW OPERATING INSTRUCTIONS COULD RESULT IN INJURY OR DAMAGE TO PROPERTY.