**Portable System Owners Manual**

Customer Service Center  
• N53 W24700 South Corporate Circle • Sussex, WI 53089 • U.S.A.

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**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.

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**WARNING!**

**READ AND UNDERSTAND OPERATOR’S MANUAL BEFORE USING THIS UNIT.**

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

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**Write Model Number From Box Here:**

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## REQUIRED TOOLS AND MATERIALS:

- **2 Capable Adults**
- **Tape Measure**
- **Wood Board (scrap)**
- **Sawhorse or Support Table**
- **Hammer or Mallet**
- **Step Ladder 8 ft. (2.4m)**
- **Safety Glasses**

<table>
<thead>
<tr>
<th>(2 each) Wrenches</th>
<th>Garden Hose or Sand</th>
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<tr>
<td>1/2&quot; 9/16&quot; 3/4&quot;</td>
<td>(55 lb.)(216 kg)</td>
</tr>
</tbody>
</table>

**AND/OR**

- **Extension**
- **Phillips-Head Screwdriver**

**Optional: Large & Small Adjustable Wrenches**

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Toll-Free Customer Service Number for U.S: 1-800-558-5234,  
For Canada: 1-800-284-8339,  
For Europe: 00 800 555 85234 (Sweden: 009 555 85234),  
For Australia: 1800 632 792  
Internet Address: [www.spalding.com](http://www.spalding.com)
BEFORE YOU START

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.

NOTE: Not all items pictured are included with every model.

STOP!

HEIGHT ADJUSTMENT

Rotate crank handle to raise and lower backboard.

Do not over crank handle beyond the manufactured height indicator range of 7-1/2 - 10 feet. Damage may be caused to the screw jack's internal adjustment mechanism if adjusted over 10 or under 7-1/2 feet.

MOVING SYSTEM

1. While holding pole, rotate basketball system forward until wheels engage with ground.
2. Move basketball system to desired location.
3. Carefully rotate basketball system upright.
4. Check system for stability.

WARNING

Read and understand warnings listed below before using this product. Failure to follow these warnings may result in serious injury and/or property damage.

1. DO NOT INFLICT on the rim or any part of the system including backboard, support braces, or net.
2. Dusting play, especially when performing dunk type activities, keep player's face away from the backboard, rims and net. Serious injury could occur if hands come in contact with backboard, rim or net.
3. Do not slide, climb, shake or play on base and/or pole. After assembly is complete, fill system completely with water or sand when setting up. The base must be filled with weight, an empty system may tip over causing injury. When adjusting height or moving system, keep hands and fingers away from moving parts.
4. Do not allow children to move or adjust system.
5. DO NOT exceed the weight of 220 pounds for adults. Do not exceed the weight of 260 pounds for children.
6. Surface beneath the base must be smooth and free of gravel or other sharp objects. Punctures cause leakage and could cause system to tip over.
7. Keep game equipment (basketballs, balls, etc.) clear of assembly area.
8. Check pole system for signs of corrosion, rust, pitting, chipping and paint. Any wear in the upper or lower parts of the pole is not normal. Any rust or corrosion on the pole can cause the system to tip over.
9. Check pole system for cracks or dents.
10. Check pole system before each use for proper function. Loose hardware, loose sleeves, wobbly screws and signs of corrosion need repair before use.
11. Check system before each use for instability. Do not use system during windy weather or severe weather conditions. System may tip over. Place system in the storage position and/or in an area protected from the wind and free from personal property such as overhead wires.
12. Do not allow children to play while system is in storage position or when system is not in use.
13. When storing system, use caution to keep mechanism from shifting. Keep pole tip covered with cap at all times. Do not allow water to sit in frame. During and following weather add or 2 gallons of non-fluorinated motor oil, sand or empty tank completely and store. (Do not use salt.) While system is not used, store indoors on a flat surface.
14. Do not turn system upside down for play or system when winds are engaged for storing.
15. If you are changing system across uneven surfaces, system may tip over. Use extreme caution when placing system on slanted surfaces.
16. See manufacturer’s rate for proper installation and maintenance.

NOTICE TO ASSEMBLERS

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

Assembled unit MUST be filled with sand or water at ALL times.

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.

ID# M680971 08/07
SAFETY INSTRUCTIONS

FAILURE TO FOLLOW THESE SAFETY INSTRUCTIONS MAY RESULT IN SERIOUS INJURY OR 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. Check entire box and inside all packing material for parts and/or additional instruction material. Before beginning assembly, read the instructions and identify parts using the hardware identifier and parts list in this document. Proper and complete assembly, use, and supervision are 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.

- If using a ladder during assembly, use extreme caution.
- Check base regularly for leakage. Slow leaks could cause the system to tip over unexpectedly.
- Seat the pole sections properly (if applicable). Failure to do so could allow the pole sections to separate during play and/or during transport of the system.
- Climate, corrosion or misuse could result in system failure.
- If technical assistance is required, contact Customer Service.
- Minimum operational height is 6’ 6" (1.98m) to the bottom of backboard.

Most injuries are caused by misuse and/or not following instructions.

Use caution when using this unit.

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

WARNING!
IF YOUR SYSTEM IS EQUIPPED WITH AN ACRYLIC OR GLASS 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. 1-800-558-5234; CANADA: 1-800-284-8339; www.spalding.com
Get to know the basic parts of your basketball system...

FRONT VIEW

TOP POLE
MIDDLE POLE
BASE
STADIUM PAD
WHEEL CARRIAGE ASSEMBLY

BACK VIEW

BACKBOARD
ELEVATOR ASSEMBLY
BOTTOM POLE
STRUTS
### PARTS LIST - See Hardware Identifier

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* YOU MAY HAVE EXTRA PARTS WITH THIS MODEL.

**NOTE**

Hardware kit is designed for more than one style of basketball system. Not all hardware will be used.
* You may have extra parts with this model.
1. Complete wheel assembly as shown in Figure A. Secure wheel bracket (7) and wheel assembly (Fig. A.) to the tank (1) with bolts (18) and washers (24).

**TO INSTALL SECOND PUSHNUT:**
- Assemble pushnut, wheels, axle, and wheel bracket as shown.
- Support pushnut/axle from the end with a block of wood to install the second pushnut onto the axle.

**NOTE:**

**TOOLS REQUIRED FOR THIS SECTION**

- (2) Wrenches
  - 1/2” 9/16”
- AND/OR
  - (2) Socket Wrenches and Sockets
  - 1/2” 9/16” Extension
- Sawhorse or Support Table
- Sawhorse or Support Table
- Hammer or Mallet

**SECTION A: ASSEMBLE THE BASE**

This is what your system will look like when you’ve finished this section.
2. Correctly identify each pole section. Poles have an identification sticker that will be used as a reference point in the next step.

3. Bounce middle pole section (5) into top section (4) using a wood scrap as shown until the top pole no longer moves toward the pole identification sticker on the middle pole.
4. Bounce top and middle pole assembly (4 and 5) onto bottom pole section (6) using a wood scrap as shown. Bounce until the top and middle pole assembly no longer moves toward the pole identification mark on the bottom pole.

5. Attach pole assembly to tank (1) as shown. Secure pole assembly to tank using bolts (25) and pole mounting plate (19) as shown.
6. Secure front tank struts (50) to tank (1) and wheel assemblies as shown.

**IMPORTANT!**

DO NOT TIGHTEN COMPLETELY.

Struts MUST be attached to the base through the OUTERMOST holes.

7. Secure tank struts (2, 50) to pole as shown.

**IMPORTANT!**

Tip base assembly forward and slide base frame (40) underneath the base.
8. Rotate non-secured ends of the rear tank struts (2) outward to mounting holes in tank as shown. Secure non-secured ends of tank struts (2) to tank (1) and base frame (40) as shown. Repeat for opposite side.

IMPORTANT! DO NOT TIGHTEN COMPLETELY.

Install pole mount bracket (15) and reinforcement bracket (42) with carriage bolts (16) as shown. Tighten flange nuts (14) completely.

9. IMPORTANT! Struts MUST be attached to the base through the REAR holes.

IMPORTANT! DO NOT OVER TIGHTEN!

IMPORTANT! TIGHTEN ALL HARDWARE FROM STEPS 6-8 AFTER THIS ASSEMBLY IS COMPLETED.
10. Securely rest the assembly on sawhorse. Identify elevator tubes (32 and 35).

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

11. While the system is securely resting on the sawhorse. Install elevator tubes (32 and 35) to top pole section (4) as shown. Install pole cap (38) at this time.

WARNING!
TIGHTEN BOLT (29) IN LOCK NUT (31) UNTIL FLUSH (EVEN) WITH LOCK NUT'S OUTER EDGE.
SECTION B: ATTACH THE BACKBOARD

This is what your system will look like when you’ve finished this section.

1. **While still supported on sawhorse,** Attach elevator tubes (32, 35) to backboard using spacers (30), bolts (23), and nuts (31) as shown.
2. Insert T-bolt (45) into Slam Jam bracket (44) then, attach that assembly to board using bolts (26) and nuts (14).

**IMPORTANT!**

Carefully cut and peel protective film away from board prior to attaching rim.

**WARNING!**

Install rim using hand tools only!

**IMPORTANT!**

GLASS BOARDS: DO NOT have a film that needs to be cut away from the board prior to attaching rim!
Install Slam Jam Rim to Backboard

A. Fit rim (34) securely into bracket (44) as shown. Allow T-bolt (45) to slip through center hole in rim (34).
B. Install reinforcement bracket (46) onto T-bolt (45) as shown.
C. Install spring (47) onto T-bolt (45) as shown.
D. Install special nut (48) and washer (37) onto T-bolt (45).
E. Tighten nut (48) until flush with end of T-bolt (45).

NOTE:
ORIENTATION OF BRACKET
Install handle assembly (3, 17 and 11) to lower elevator tubes (32) using bolt (29), spacers (36), and nut (31) as shown.

**WARNING!**

TIGHTEN BOLT (29) IN LOCK NUT (31) UNTIL FLUSH (EVEN) WITH LOCK NUT'S OUTER EDGE.
5. Secure the handle assembly (3, 17 and 11) to pole bracket (15) using bolt (20) and nut (10) as shown.

**NOTE:**
Before going on to next step, set adjustable system assembly to the 10' (3.05 m) setting.

**WARNING!**
TIGHTEN BOLT (20) IN LOCK NUT (10) UNTIL FLUSH (EVEN) WITH LOCK NUT’S OUTER EDGE.
6. Roll completed assembly to desired position. Fill tank with water (approx. 40 gallons (128 Liters)) or sand (approx. 475 lbs. (216 kg)) and rotate the cap (41) into base (1).

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

DO NOT LEAVE ASSEMBLY UNATTENDED WHEN EMPTY; IT MAY TIP OVER.

**CAUTION!**
ADD TWO GALLONS (7.6 LITERS) OF NON-TOXIC ANTFREEZE IN SUB-FREEZING CLIMATES.

IF USING SAND: 2 GALLONS OF ANTI-FREEZE IS NOT REQUIRED.

**WARNING!**
CAP (41) MUST BE TIGHTENED COMPLETELY AND SECURELY TO PREVENT LEAKAGE. CHECK WATER LEVEL BEFORE EACH USE! FAILURE TO FOLLOW THIS WARNING COULD RESULT IN SERIOUS INJURY AND/OR PROPERTY DAMAGE.
7. Attach stadium pad (52) to pole using Bolts (53) and nuts (14) and bolt covers (49).

8. Loop ropes (54) around struts (2) as shown and pull toward the back of the base. Screw ground stake (55) into the ground and hook both ropes onto hook of ground stake (55).

**CAUTION!**

Make sure that the ground stake is screwed into the ground enough so that the ropes can not fall off the hook.
9. Install net (43).

OUTSIDE VIEW

10. Apply Height Adjustment and Moving Label (33) to front of pole, where it is clearly visible.

NOTE:
Handle (21) can be removed and stored by removing pin (22).

CAUTION!
DO NOT OVER-CRANK HANDLE BEYOND THE MANUFACTURED HEIGHT-INDICATOR RANGE OF 7-1/2 - 10 FEET. DAMAGE MAY BE CAUSED TO THE SCREW JACK’S INTERNAL ADJUSTMENT MECHANISM IF ADJUSTED OVER 10 OR UNDER 7-1/2 FEET.

HEIGHT AND MOVING LABEL MUST NOT OBSTRUCT FACTORY ATTACHED WARNING LABEL.

RIM COVER ATTACHMENT

11. NOTE:
Cover plate (28) will fit INSIDE back bracket.
SECTION C: BOARD PAD

ITEMS REQUIRED FOR THIS SECTION

- Portable Drill with Torque Adjustment
- Socket Wrenches and Sockets

PARTS LIST - See Hardware Identifier

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<th>Qty</th>
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HARDWARE IDENTIFIER

- #1 (1)
- #2 (1)
- #3 (1)
- #4 (8)
- #5 (8)
- #6 (8)
BOARD PAD - INSTALLATION

The enclosed Molded Edge Guards interlock together to form bottom and side protection for one backboard with an overall width of 44-60".

1. Check the fit of the edge guards and reposition slightly if necessary. It may be necessary to trim away some material to fit it around the goal or supports.

   **NOTE:**
   Check fastener locations to make sure they will not damage the backboard glass.

2. Using a 5/16 socket wrench or portable drill with a 5/16 socket attachment with the torque adjustment at the lowest setting, fasten the edge guards in place with the provided self-drilling, self-tapping screws (4).

   **NOTE:**
   Do not over tighten screws, it may strip out the screws.

3. Using a portable drill (with adjustable torque) and a 5/16 socket and extension drill through the backboard frame and secure the pads in place with self-tapping screws provided (4).

   It may be necessary to use an 11/16 drill bit (6) to pre-drill on some backboards (FIG. A).

   A center punch is recommended to mark hole locations prior to drilling to keep drill bit from wandering.

   If the ends of the screws are exposed after installation, place the screw protectors (5) over the ends to prevent injury.

4. Collect any metal shavings that may have fallen onto the floor or driveway to prevent injury.