



**Important ! Please Read Completely Before Beginning Installation.** According to a report published by the U. S. Consumer Product Safety Commission (C.P.S.C.) 72% of all playground injuries result from accidental falls. With this in mind, this equipment is designed to fill the need for safe yet challenging play. In conjunction with design efforts to reduce the possibilities of injuries, this equipment **must** be installed "Step by Step" per our installation instructions. As a new owner you are responsible for the correct installation, safe use, and maintenance of your equipment.

### Installation Guidelines

- Identify all parts and thoroughly read the assembly instructions before beginning construction.
- Site layout is a critical part of the overall installation. Footings must be measured and marked accurately according to the footing diagram. A level and clear installation site is ideal.
- Good drainage around the structure and its supports is important. Inquire with local contractors for appropriate recommendations.
- After laying out all footings and before digging holes, be sure to inquire about underground utilities that may exist.
- Do not leave the job site unattended without making sure that all fastening hardware on all components are tightened according to tightening torque specifications listed on every installation guide. We also recommend roping off construction area and covering all holes that do not contain a piece of equipment with plywood or other suitable material.
- Excavate holes as shown in the footing detail. If a level and clear site cannot be obtained, adjust the depth of footing to maintain a level footing base. If soil conditions are loose or unstable, a larger diameter footing may be required. Inquire with local contractors for appropriate recommendations. Be sure concrete that might have splashed onto the post is washed off before it dries. Allow concrete to harden 72 hours before allowing your structure to be used. **Assemble all equipment before pouring concrete unless specifically instructed to do so in the installation instructions.**

## INSTALLATION INSTRUCTIONS

**Tools Required:** Playworld Systems supplies a service kit that contains commonly used hex key wrenches required to assemble your equipment. You may also need: shovel, digging iron, post hole digger, steel rake, wheelbarrow, garden hoe, water hose, tape measure, level, alignment tool, 3/8" ratchet with 9/16" socket, and 9/16" combination wrench.

### Maintenance

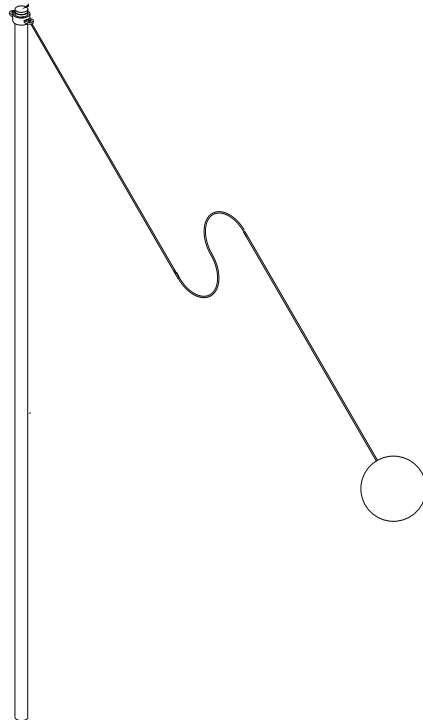
- Inadequate maintenance of equipment has resulted in injuries on the playground. Because the safety of playground equipment and its stability depends on good inspection and maintenance, **a comprehensive maintenance program must be developed for each playground and strictly followed.** All equipment must be inspected frequently for any potential hazards. Special attention must be given to moving parts and other components that can be expected to wear. Inspections must be carried out in a systematic manner by trained personnel. Any damaged or worn parts, or any other hazards identified during inspections must be repaired or replaced immediately. Complete documentation of all maintenance inspections and repairs must be retained.

### Supervision Guidelines

- Playworld Systems strongly recommends close supervision of the children as they play as well as intensive classroom and home instruction about safe behavior on playground equipment.
- Playground supervisors should be aware that not all playground equipment is appropriate for all children who may use the playground. Signs should be posted near the equipment indicating the recommended age of the users. Supervisors should direct children to equipment appropriate for their age.
- It is important that playground supervisors recognize that preschool-age children require more attentive supervision on playgrounds than older children.
- Do not permit the use of wet playground equipment. Wet equipment will inhibit necessary traction and gripping capabilities. Slips or falls could occur.
- Do not permit too many children on the same piece of equipment at the same time. It is suggested that children take turns.
- Constantly observe play patterns to discover possible hazardous play and suggest changes in equipment use or play patterns.



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**INSTALLATION INSTRUCTIONS****PLAYWORLD SYSTEMS®****MODEL XX1079****TETHERBALL POST AND BALL**

Assembly View

**Installation Preparation . . .**

Recommended Crew: Two (2) adults

Installation Time: 1 man-hour

Weight: 34.3 Lbs. (15.6 Kilos)

Concrete Required: 0.14 cubic yard

**Torque Specification:**

Bolts & Nuts: Snug tighten and  
tighten an additional one-half turn.

Set Screws: Snug tighten and  
tighten an additional full turn.

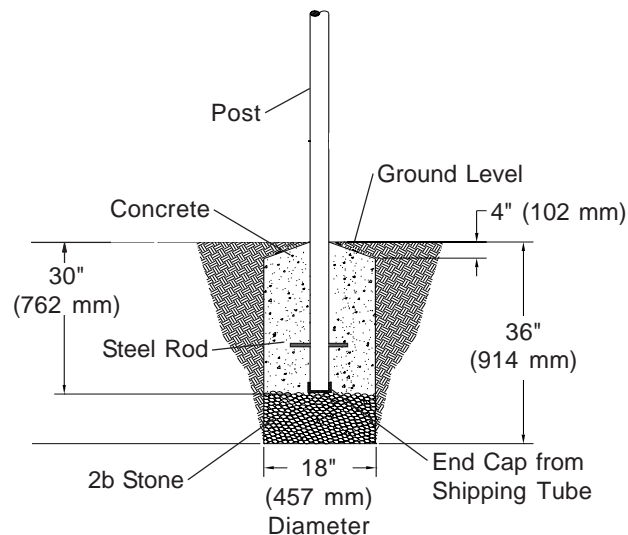
**Maintenance . . .**

- Playworld Systems strongly recommends close supervision of children as they play. The owners of playground equipment and the parents or guardians of children are responsible for this proper supervision. Do not use playground equipment when it is wet or snow covered.
- As the owner of playground equipment, you are responsible for the maintenance of the equipment and surrounding play area. A comprehensive maintenance and inspection schedule must be developed and all equipment inspected frequently.

## INSTALLATION INSTRUCTIONS

### FOOTING NOTES

- Footing depth equals 36 in. (914mm).
- Do not encase bottom of support post in concrete. Place post directly on packed stone.
- The footings shown on Playworld Systems' documentation are recommendations based on historical performance in average soil conditions. Footing dimensions may be modified by the owner based on actual soil conditions. For example:
  - If local soil is loose or unstable, a larger footing may be required.
  - If local soil is considered stable, such as bedrock, clay or hard packed earth, a smaller footing may be used. Before changing footing dimensions, we strongly recommend that the footings be reviewed and approved by a registered engineer.
- Base of footing must be below frost line.



Footing Detail

## INSTALLATION

✓ **A Note Before You Begin:** Do not over tighten bolts during assembly, only snug tighten them until assembly is complete.

**Carefully read and understand these installation instructions before you begin.**

\_\_**Step 1:** Before attempting to assemble your equipment, please review all installation information carefully. Should you experience any difficulty during the installation process, please call us at the (800) number shown on the last page of these instructions.

\_\_**Step 2:** Separate and identify all components and hardware by referencing the detail drawings and packing list.

\_\_**Step 3:** Excavate hole as shown in the **Footing Detail**.

**Installation Hint:** It is recommended that the customer insert a 3/8" x 6" long steel rod into the pre-drilled hole at bottom of post for increased stability.

**Assemble the tetherball.**

\_\_**Step 4:** Attach the tetherball eye and cap to the post. Select the tetherball eye, a pipe cap and a 3/8" x 1/2" set screw. Slip the tetherball eye over the top of the post and secure with the set screw. Using a block of wood to protect the finish, insert and drive the cap into the end of the post. The eye casting should be flush with the top of the post and the end cap.

\_\_**Step 5:** Place the tetherball post in the excavated footing. The top of the post should be 120" (3048 mm) above the surface level. Plumb and level post. Block and brace for concrete. Pour concrete. Allow 72 hours for concrete to completely cure before continuing with next step.

\_\_**Step 6:** Cover the concrete with dirt, bark mulch or other suitable material.

\_\_**Step 7:** Fully tighten **all** fasteners according to tightening torque specifications. See **page 1** of these instructions.

\_\_**Step 8:** Attach ball and cord. Open for play.

### FINAL INSPECTION

- Playworld Systems strongly recommends close supervision of children as they play. The owners of playground equipment and the parents or guardians of children are responsible for this proper supervision.
- As the owner of playground equipment, you are responsible for the maintenance of the equipment and surrounding play area. A comprehensive maintenance and inspection schedule must be developed and all equipment inspected frequently. Refer to the inspection and maintenance schedule in the back of this booklet.
- Perform a thorough final check on the installed equipment to insure all equipment is installed as specified by manufacturer's installation instructions.
  - ☐ Review all Installation Instructions for specified dimensions. Make sure dimensions called for in instructions agree with actual installation.
  - ☐ Insure all fasteners are tightened according to tightening torque specifications listed on your installation instructions.
  - ☐ Insure all exposed pipe ends have properly installed end caps. Insure that drive rivets are secure.
  - ☐ Clean dried concrete off of components and any other affected surface.
  - ☐ Touch-up any scratches or installation damage to powder coated finish with color-matched spray paint.
  - ☐ Allow adequate time for proper curing, both for concrete and urethane cement if rubber safety surfacing tiles have been installed.
  - ☐ Dispose of all packaging material properly. These materials which include large plastic bags and sheets can be a suffocation hazard. Dispose of these materials out of reach or contact of small children.

## INSTALLATION INSTRUCTIONS

### BILL OF MATERIAL

#### TETHERBALL POST AND BALL

PART NO.	DESCRIPTION	QTY.
AAJ0030	POST - TETHERBALL	1
AAU0105	EYE - TETHERBALL	1
AAE0160	CAP - 2" PIPE	1
BAB0400	TETHERBALL WITH ROPE	1
BAE0630	SCREW - 3/8" x 1/2" SET	1
BAE0905	WRENCH - 3/16" HEX KEY	1



For Customer Service, Call  
**800-233-8404** or  
**570-522-9800** OUTSIDE U.S.

1000 Buffalo Road • Lewisburg, PA 17837



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### Castings

- Inspect the end cap to insure it is secure in the support post.
- Visually inspect the tetherball eye for cracks or breakage. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

### Fasteners

- Inspect for loose fasteners. Tightening torque specifications are:  
Bolts and Nuts: Snug tighten and tighten an additional one-half turn.  
Set Screws: Snug tighten and tighten an additional full turn.
- Inspect for missing, worn or broken fasteners. If any missing, worn or broken fasteners are found, refer to the installation instructions for proper replacement fastener. If any damage is detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

### Finish

- Inspect all metal parts for finish damage. To repair scratches, rust, or sharp edges, sand damaged area with sandpaper and wipe clean. Mask area and paint with primer and allow to dry. Paint primed area with color-matching paint and allow to dry. Recoat area with color-matching paint if required. Drying time is approximately 8 hours between coats.

### Footings

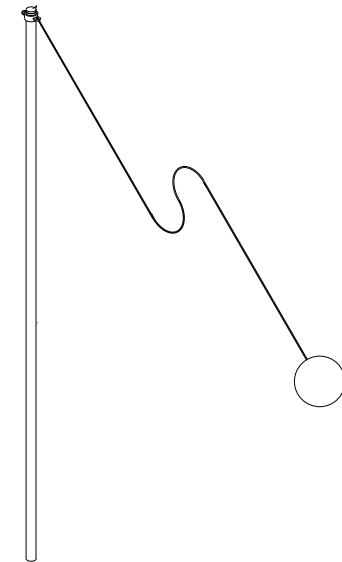
- Inspect post to be solid in footing and secure. If any damage is detected, barricade equipment to prevent use until repair is completed.

### Replacement Parts

- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service at 1-800-233-8404 for replacement part.

## EQUIPMENT MAINTENANCE

# PLAYWORLD SYSTEMS® MODEL XX1079 TETHERBALL POST AND BALL



# INSPECTION FORM

## EQUIPMENT MAINTENANCE

- Be sure that you are using a copy of this Inspection Form and not your original.
- Use the Inspection Codes listed below and record condition of equipment at time of examination on the Inspection Checklist.
- Document any item from the Inspection Checklist that will require maintenance along with any corrective action on the Maintenance Schedule.
- Be sure to include appropriate dates and signatures on each section to properly document maintenance procedure.

*Preventive Maintenance . . . for Safety's Sake!*

### INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect metal parts for structural and finish damage.	Medium			
Inspect for loose, missing, worn, or broken fasteners.	High			
Inspect footing to insure support is secure and footing is not damaged.	Low			

#### Inspection Codes

**P** = Pass    **F** = Fail  
**NA** = Not Applicable

Inspector: Name (Please Print) \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_

### MAINTENANCE SCHEDULE

Item in Question	Description of Problem	Corrective Action	Date

Repairer: Name (Please Print) \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_ / \_\_\_\_ / \_\_\_\_