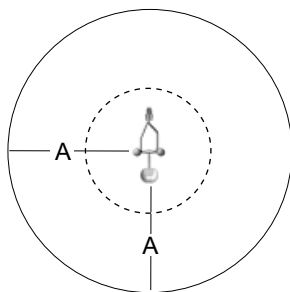


Assembly View



Equipment Use Zone
A - (ASTM) 72 in. (1830 mm)
(CSA) 1800 mm
(EN) 1500 mm

Digger Reach - Radius 32 in. (813 mm)
around center post (dotted line)

Refer to the Elevation View for the specific Critical Fall Height for the component.





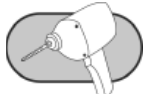

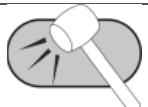
Installation Instructions

Playworld Systems® Model XX0416
Standard EZ Digger

Installation Preparation

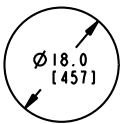
Recommended Crew: One (1) adult
Installation Time: 1 hour
Concrete Required: 0.11 cubic yard (0,09 cubic meters)
Use Zone: Refer to the information below
User Group Age (years): ASTM/CSA: 2-12, EN: 2-14

ICON KEY

	Fully Tighten Hardware		Critical Fall Height
	Do Not Fully Tighten Hardware		Pour Concrete
	Drill		Dig Footing Holes
	Hammer		

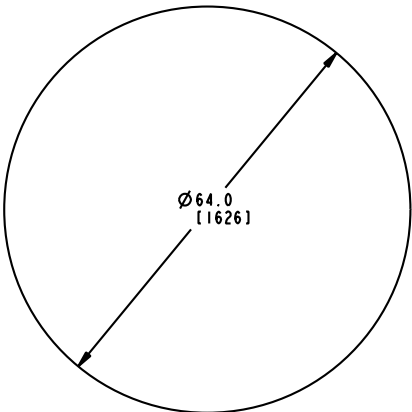
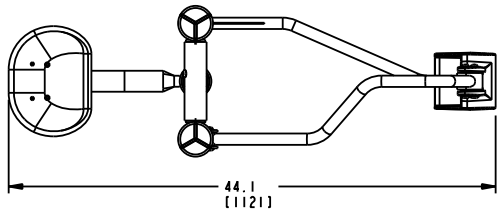
Installation Instructions

KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]

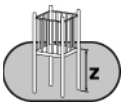
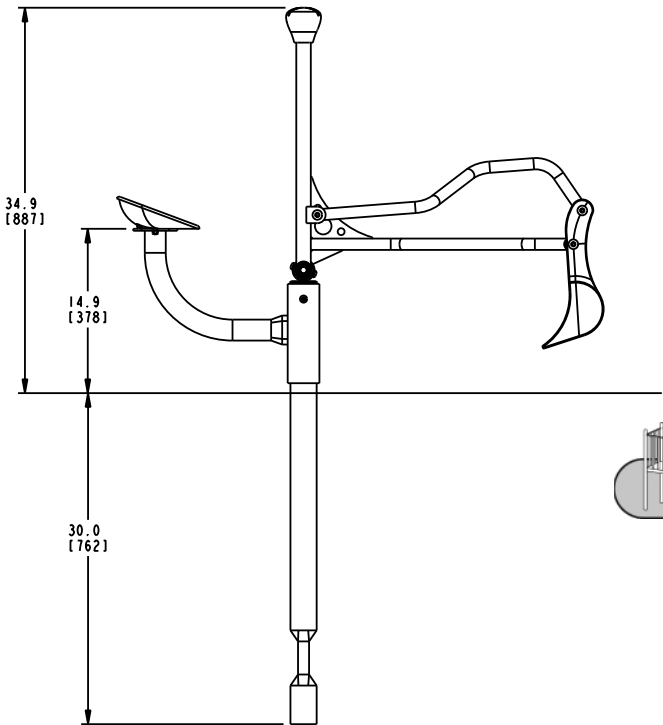
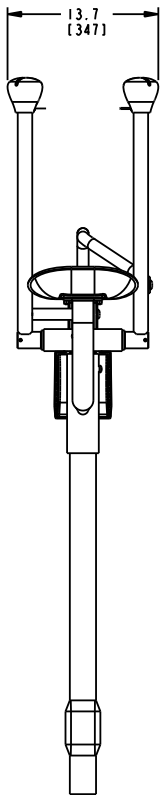


Footing Diagram

Top View



Digger Reach Area

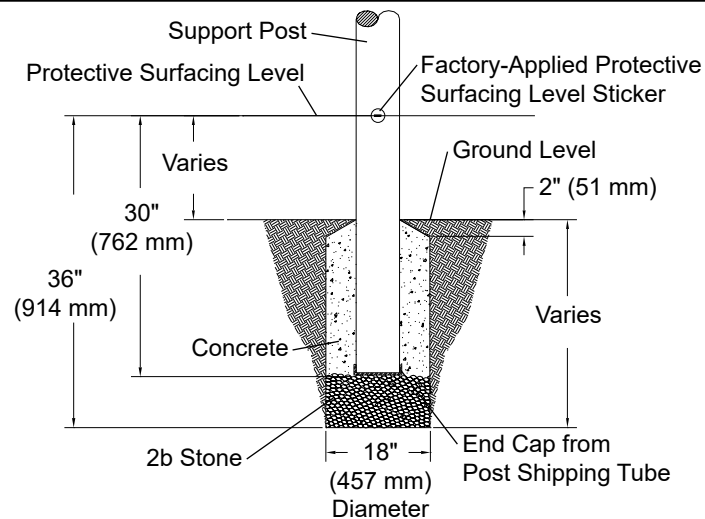


15.7" (400 mm)

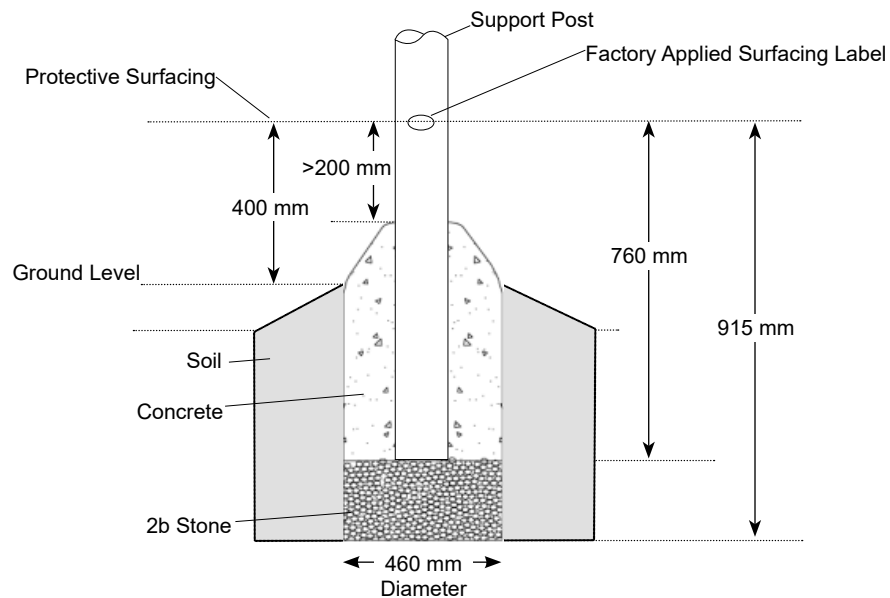
Elevation Views



Installation Instructions



Footing Detail (ASTM/CSA)



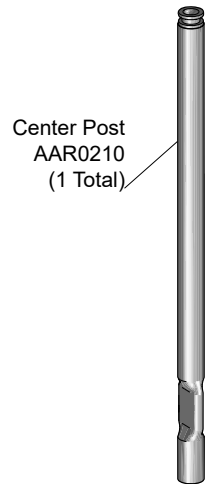
Footing Detail Support Post (EN)

FOOTING NOTES

- Support post footing depth equals 36 in. (914 mm) less the depth of the protective surfacing material. The post is designed to have 18" (457 mm) in concrete.
Example: If 12 in. (305 mm) of wood mulch is used for surfacing, the footing depth would be 24 in. (610 mm).
- All support posts and component support legs shall have either a factory-applied sticker with line, or factory-applied mark designating protective surfacing level on a clear and level installation site.
- If play structure is installed on uneven terrain, maintain support post mark at protective surfacing level at lowest grade. Adjust other footings accordingly. Support posts and all attaching decks and play components must be plumb and level.
- 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.
- Assemble the entire structure before pouring concrete unless specifically instructed to do so in the individual component installation instructions.

Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 5.

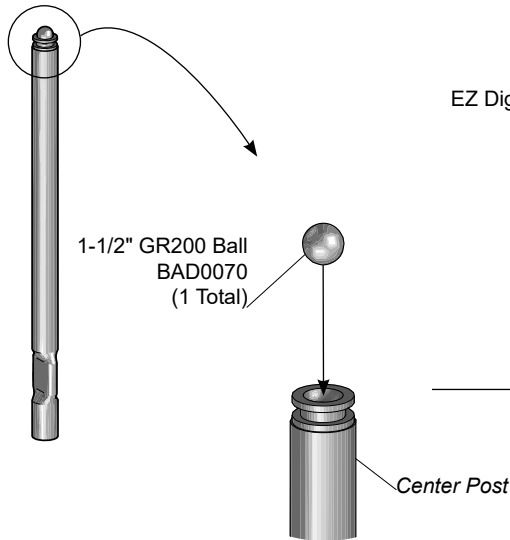


Center Post
AAR0210
(1 Total)

Detail A Step 4



Place post in footing, plumb and brace, and pour concrete. Let cure for 72 hours before attaching frame.



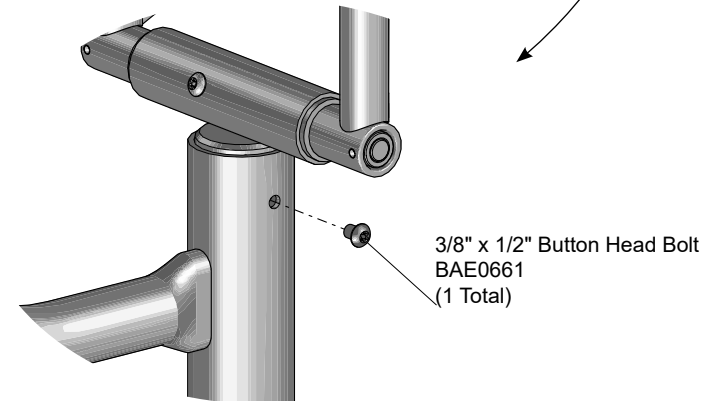
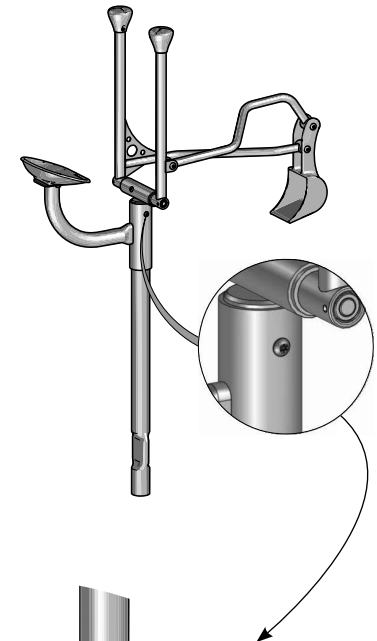
EZ Digger Assembly
EZA
(1 Total)

1-1/2" GR200 Ball
BAD0070
(1 Total)

Center Post

Detail B Step 5

Place the GR200 ball and EZ Digger assembly on the center post.



3/8" x 1/2" Button Head Bolt
BAE0661
(1 Total)



Detail C Step 6

Attach the EZ Digger assembly to the center post.

Installation Instructions

Notes 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 phone number shown on the last page of these instructions.

Step 2: Separate and identify all components and hardware.

Step 3: Excavate footings as shown in the **Footing Details** on page 3 of this document.

Step 4: Place the center post into the excavated footing. See **Detail A**. Plumb and level and brace in place. Cover the top with a block of wood or other material to keep debris and moisture out of the top of the post. Pour the concrete and allow 72 hours for the concrete to harden before proceeding with the next step.

Step 5: Place the GR200 ball and EZ Digger assembly on the center post. See **Detail B**. You will need bearing grease or similar lubricant. Wipe out the post top. Apply a good coat of grease to the ball bearing, and place the ball bearing into the top of the center post. Seat the assembly frame onto the post.

Step 6: Attach the EZ Digger assembly to the post. See **Detail C**. Align the holes in the assembly frame with the hole in the center post and fully thread the bolt into the hub. Fully tighten the fastener according to tightening torque specifications.

Final Details.

Step 7: Check the operation of the digger. The frame should swivel around and the arms should move the scoop easily.

Step 8: Apply the correct Age Appropriate Label to the front of the frame support. (ASTM 2-12 years, CSA 18 months - 12 years)

XX0416 - STANDARD EZ DIGGER

PART NO.	DESCRIPTION	QTY.
AAR0210	FRAME - DIGGER CENTER POST	1
ASY0589	LABEL KIT - 18MTHS - 12YRS ASTM, CSA, FRENCH	1
BAD0070	1-1/2" GR200 BALL	1
BAE0661	BOLT - 3/8"-16 x .50" BUTTON HEAD - SS	1
BAE0922	TOOL - TT 45 L WRENCH	1
EZA____	EZ DIGGER - STANDARD	1

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1000 Buffalo Road • Lewisburg, PA 17837
www.playworldsystems.com



Fasteners

- Inspect for loose fasteners.
Tightening torque specifications are:
Bolts and Nuts: Snug tighten and tighten an additional one-half 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.

Castings

- Inspect the scoop, seat, and the handle end caps to insure they are properly secured to the component.
- Visually inspect the castings for cracks or breakage. If any damage is detected, barricade the equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Welds

- Inspect all welded joints. If any broken welds are detected, barricade equipment to prevent use until repair is completed. Contact your sales representative immediately for a replacement part.

Finish

- Inspect metal parts for finish damage.
To repair painted surfaces, 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 component to be solid in footing and secure. If any damage is detected, barricade equipment to prevent use until repair is completed.

Surfacing

- Raking loose-fill surfacing material back into dug out and displaced areas is necessary at frequent intervals to maintain the impact absorption qualities.
- Loose-fill materials must be replenished when the surface level drops below the minimum level to maintain proper depth in accordance with your equipment's critical fall height.
- Eliminate areas of standing water by improving site drainage.
- Contact manufacturer of unitary surfacing material for specific instructions and product to use for cleaning spots and stains.
- Contact manufacturer of unitary surfacing material if rips, tears or missing material is noticed. Follow the manufacturer instructions regarding the appropriate actions necessary for the repair.

Labels

- Inspect all applied labels to ensure labels are secure, not faded or damaged. Contact your local representative if replacement labels are needed.

Replacement Parts

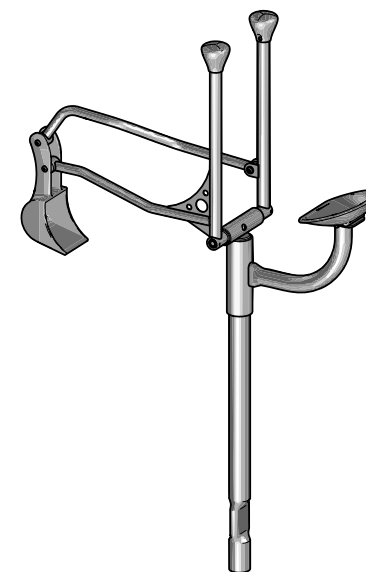
- Refer to your installation instructions to obtain replacement part number.
- Contact your sales representative or call Playworld Systems' Customer Service for a replacement part.

Equipment Maintenance

Playworld Systems®

Model XX0416

Standard EZ Digger



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Inspection Form

- 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 moving parts for proper operation.	Medium			
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			
Inspect surfacing to insure proper depth and distribution.	High			

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: ___ / ___ / ___