





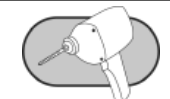
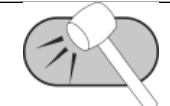

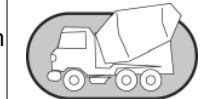

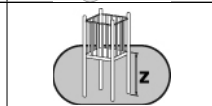
Assembly View

Installation Instructions

Playworld Systems[®]
Models XX0704 and XX0704S
PlayForm 7 Daughter
In-Ground and Surface Mount

Installation Preparation

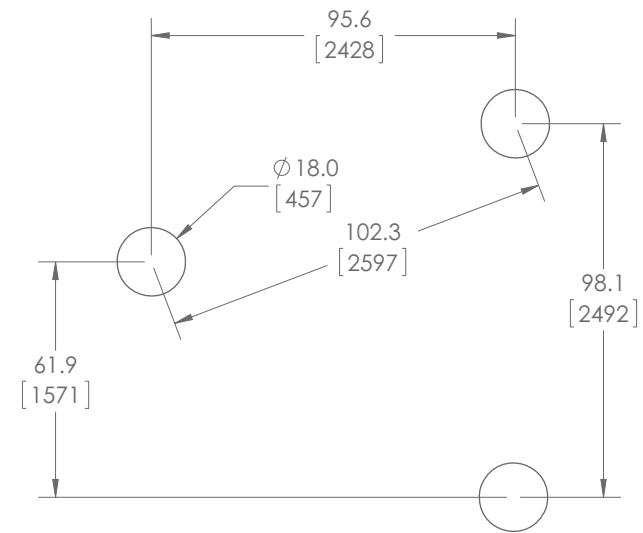
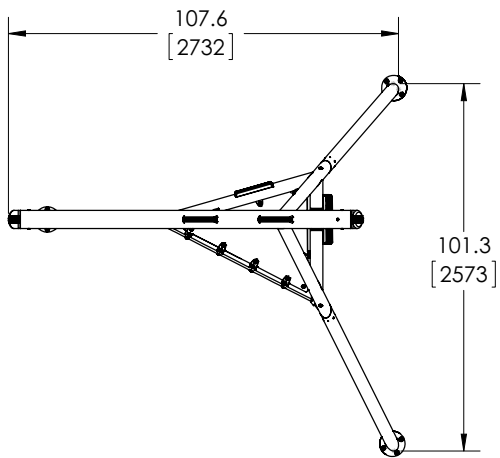
Recommended Crew: Four (4) adults
 Installation Time (In-Ground): 8 man-hours
 Installation Time (Surface Mount): 6.5 man-hours
 Concrete Required: 0.36 cubic yard (0,27 cubic meters)
 Use Zone: Refer to the master layout drawing
 User Group Age (years): ASTM/CSA: 5-12, EN: 6-14

ICON KEY	
	Fully Tighten Hardware
	Do Not Fully Tighten Hardware
	Drill
	Hammer
	Add 1 Drop of Thread Locking Adhesive
	Pour Concrete
	Dig Footing Holes
	Critical Fall Height

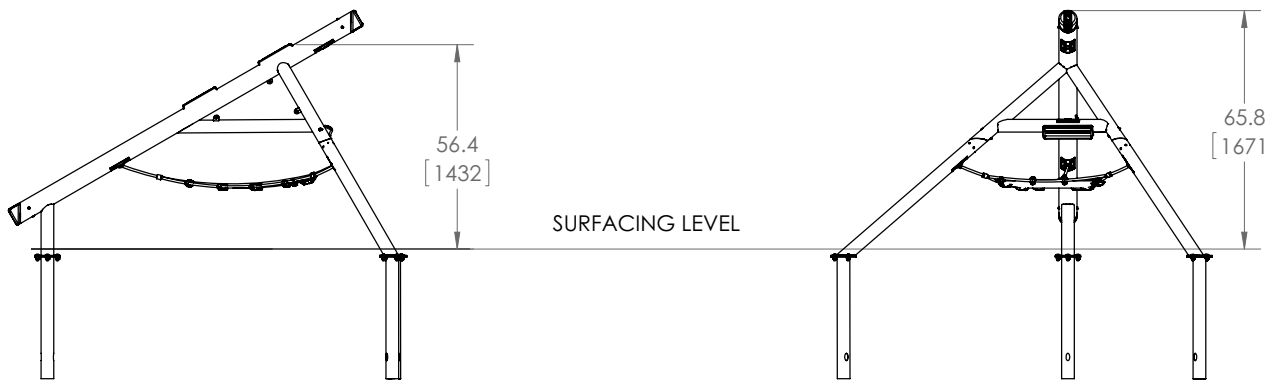
Installation Instructions

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

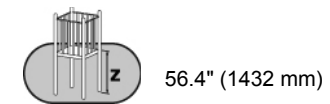
Top View



Footing Diagram

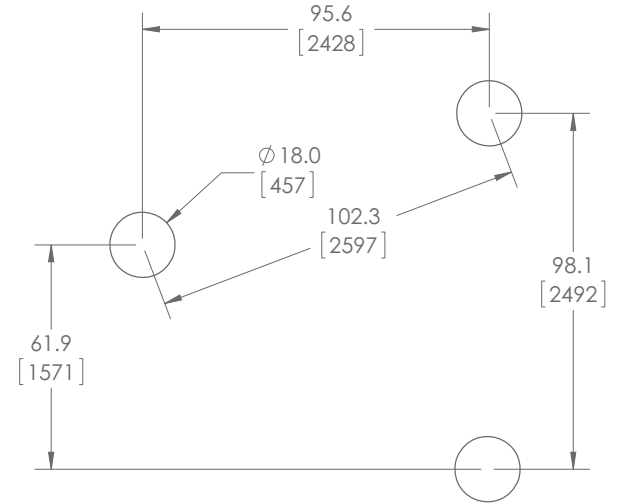
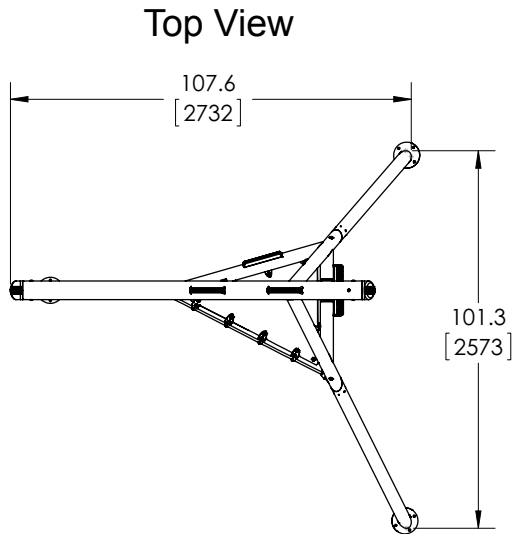


Elevation Views - XX0704



Installation Instructions

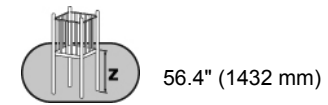
KEY	
Position	Unit of Measurement
Top #	Inches
Bottom #	[Millimeters]



Footing Diagram

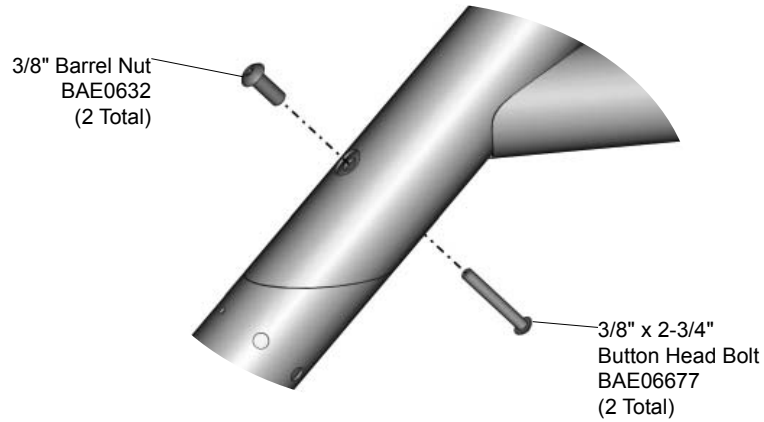
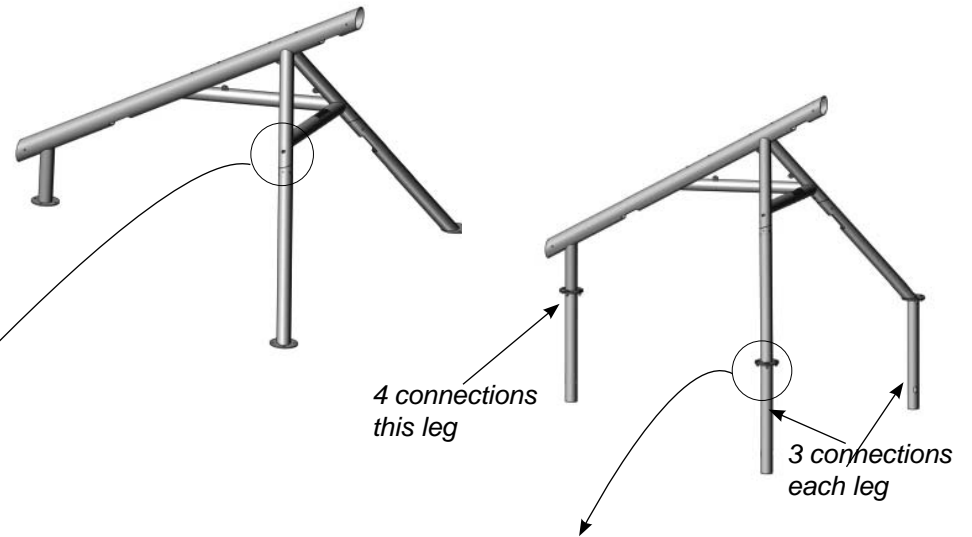
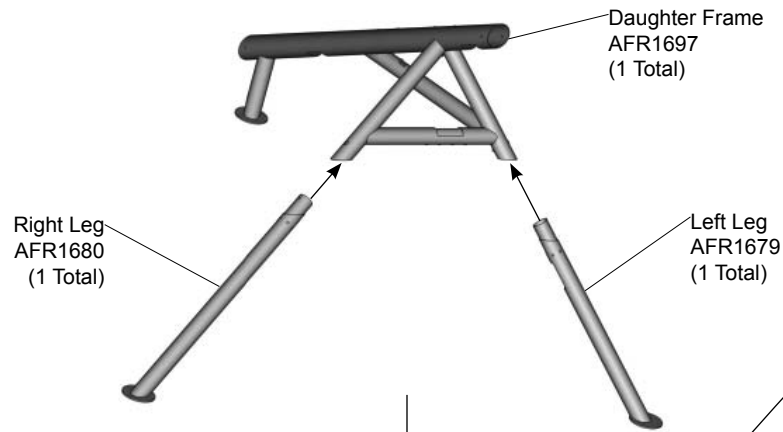


Elevation Views - XX0704S



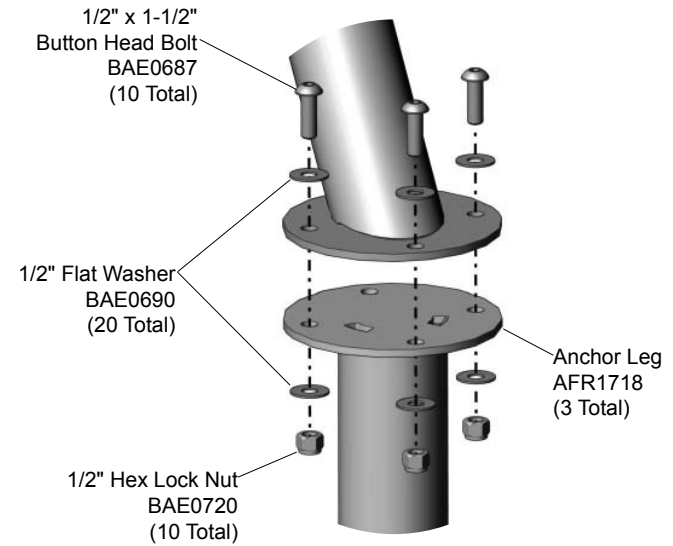
Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 9.



Detail A
Step 4

Attach the left and right legs to the Daughter frame.

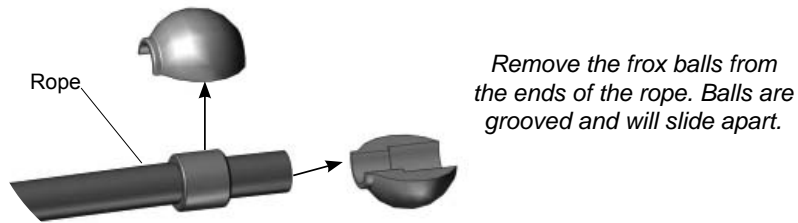


Detail B
Step 5

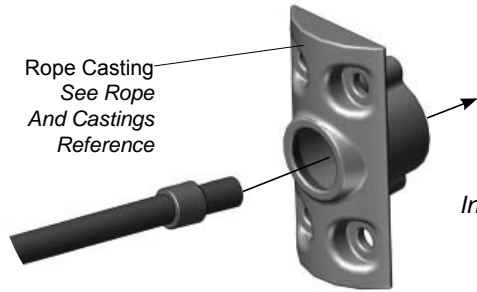
(In-Ground Model Only)
Attach the anchor legs to the frame assembly.



Installation Instructions

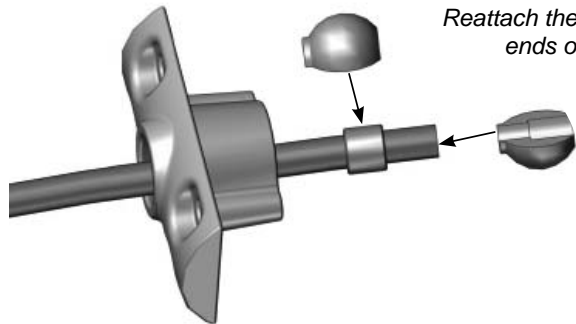


Remove the frox balls from the ends of the rope. Balls are grooved and will slide apart.

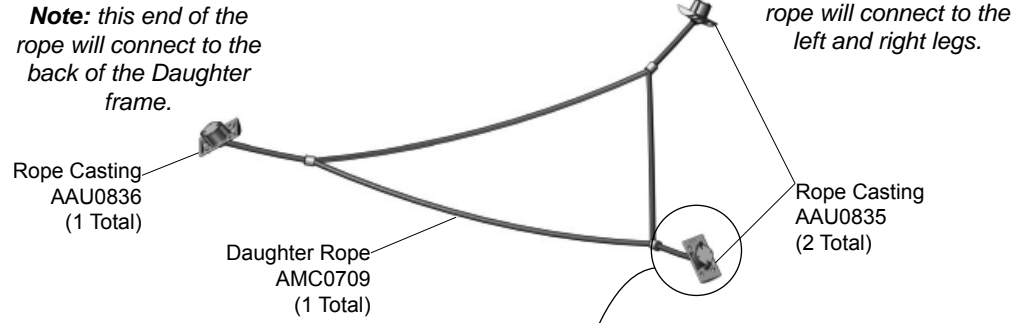


Rope Casting
See Rope
And Castings
Reference

Insert the end of each rope through a rope casting.



Reattach the frox balls to the ends of the rope.



Note: this end of the rope will connect to the back of the Daughter frame.

Note: these ends of the rope will connect to the left and right legs.

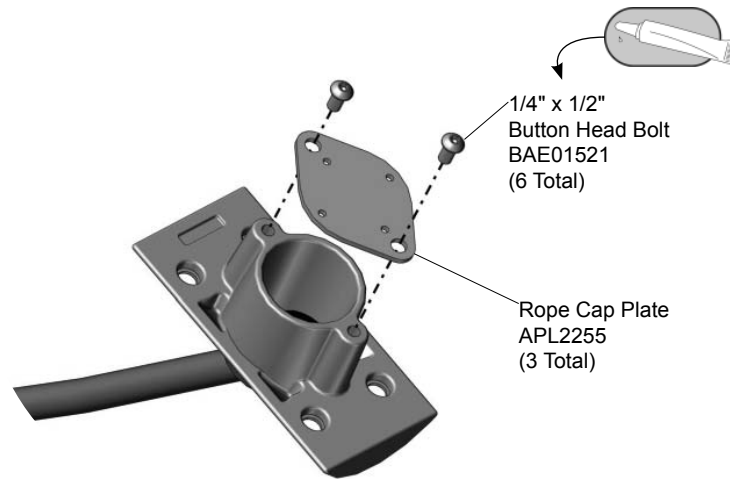
Rope Casting
AAU0836
(1 Total)

Daughter Rope
AMC0709
(1 Total)

Rope Casting
AAU0835
(2 Total)

Rope And Castings Placement Reference

Note: there is a tag on each rope to designate it's placement on the frame assembly.



1/4" x 1/2"
Button Head Bolt
BAE01521
(6 Total)

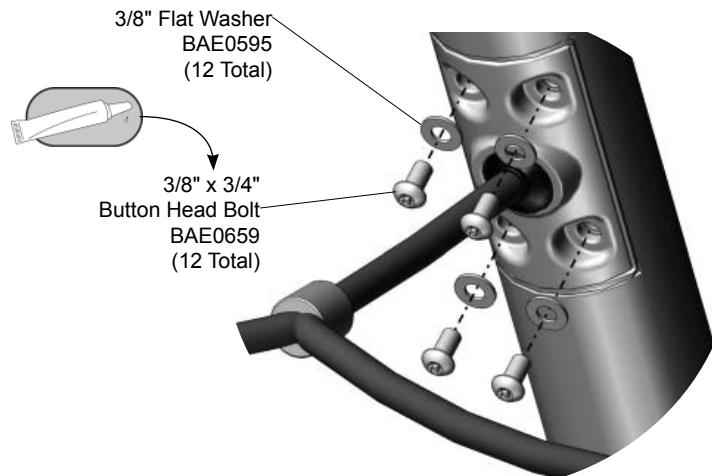
Rope Cap Plate
APL2255
(3 Total)

Detail C Step 6



Attach the rope castings to the ends of the Daughter rope.

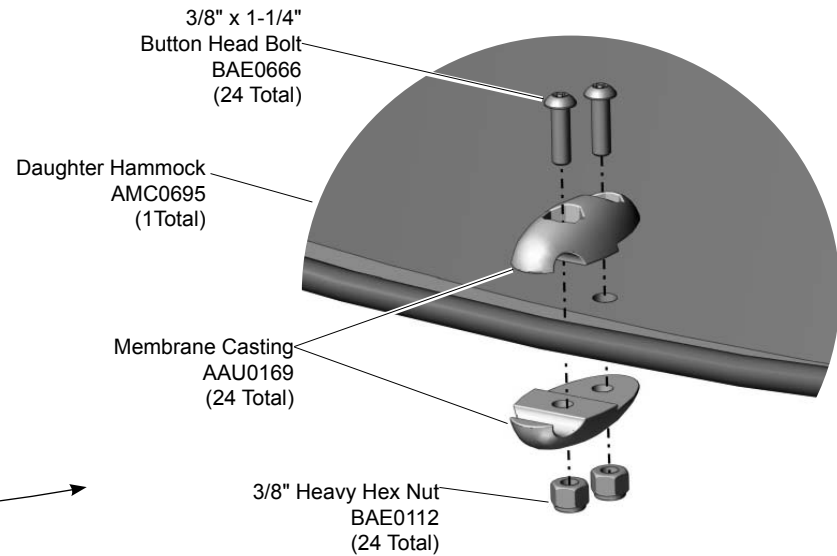
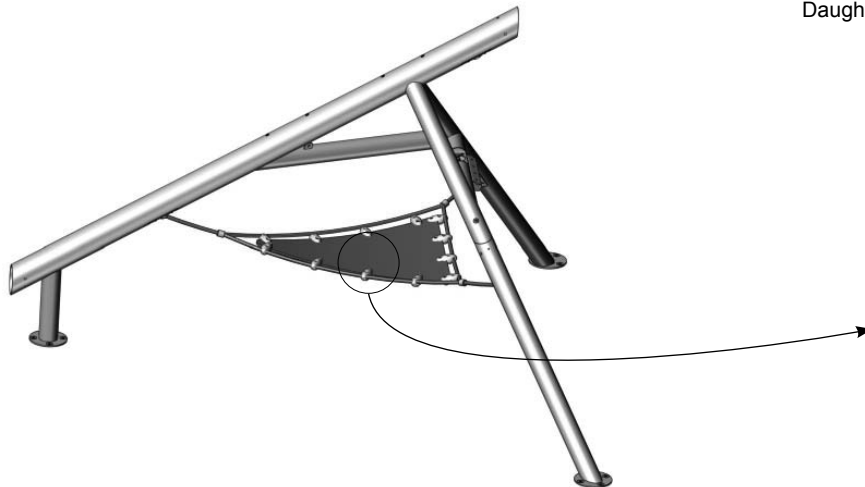
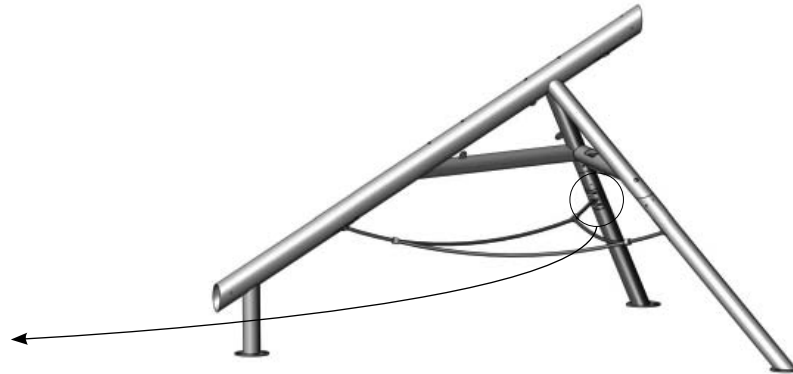
Installation Instructions



Detail D
Step 7



Attach the rope castings to the left and right legs and to the Daughter frame.

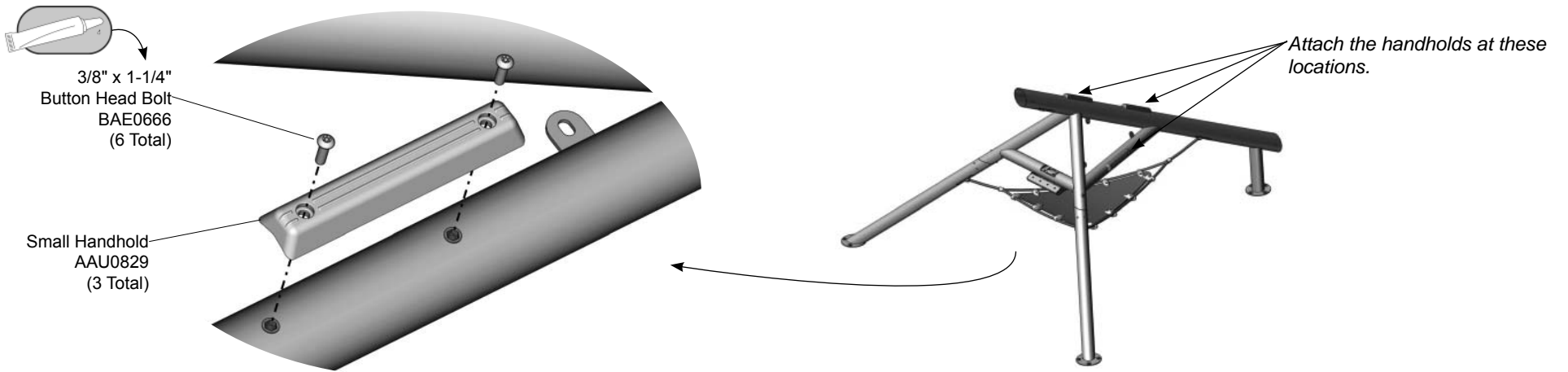


Detail E
Step 8



Attach the hammock to the Daughter rope.

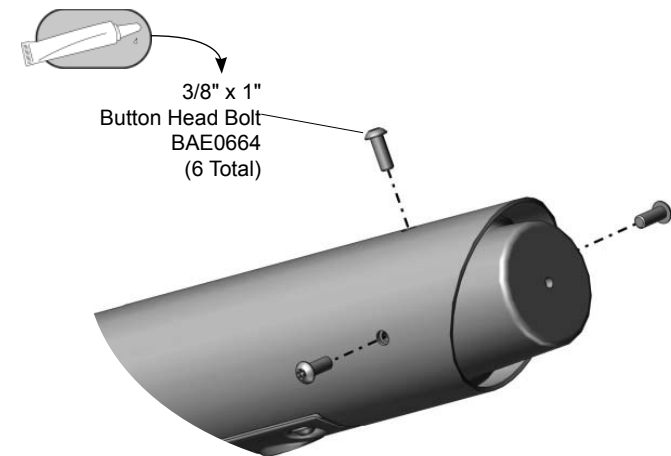
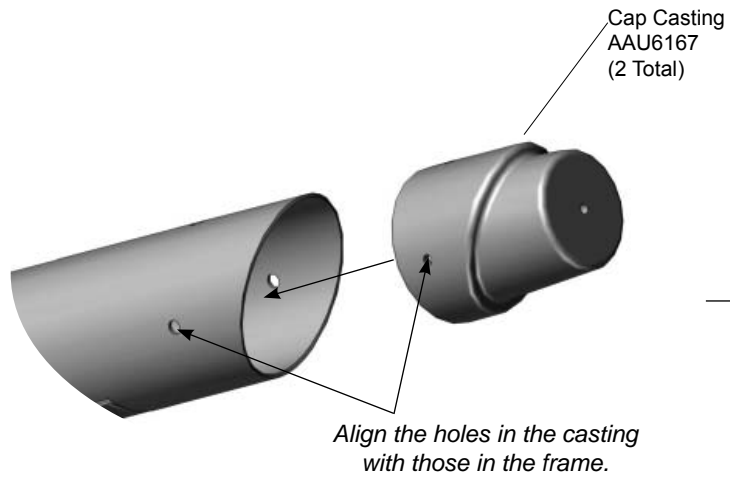
Installation Instructions



Detail F
Step 9



Attach the small handholds to the top and the side of the Daughter frame.

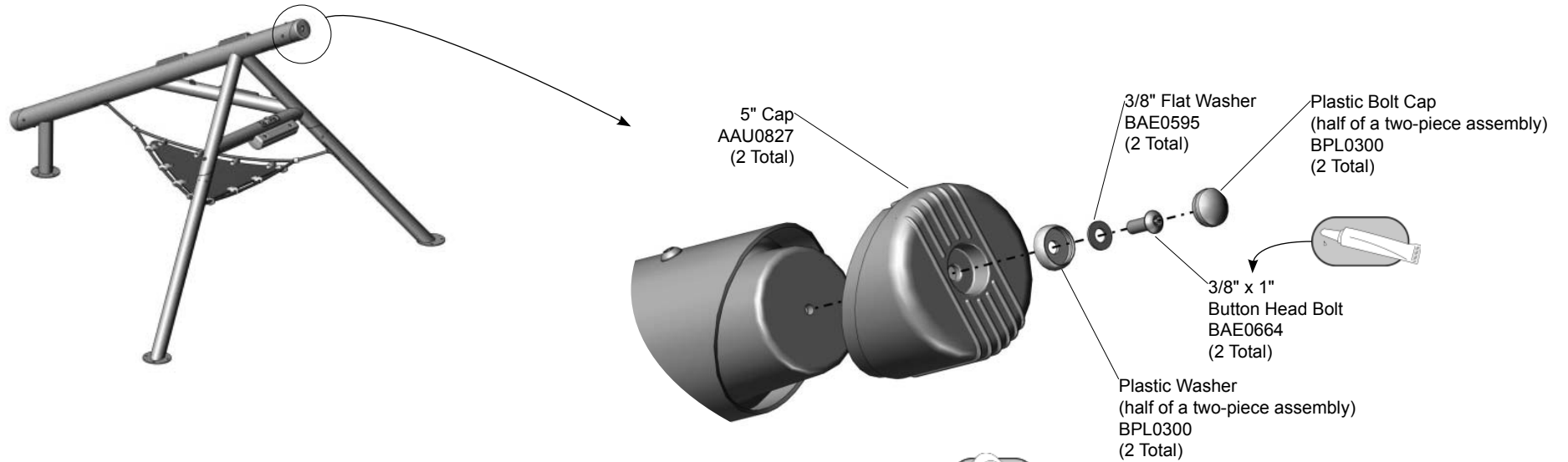


Detail G
Step 12



Attach the cap castings to the ends of the Daughter frame.

Installation Instructions



Detail H Step 13

Attach the 5 inch caps to the ends of the Daughter frame.

Installation Instructions

Notes Before You Begin: Do not over tighten bolts during assembly, only snug tighten them until assembly is complete. Do not install bolt caps until the structure is completely assembled and properly footed.

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, or prepare, the footings as shown in the **Footing Details** in the *Guidelines* at the beginning of this instruction booklet. Use the **Support Post Footing Detail** for the in-ground model.

Step 4: Attach the left and right legs to the Daughter frame. See **Detail A**. Insert each leg into the appropriate side of the frame at the angle shown, align the holes and attach as shown. Fully tighten the connections according to tightening torque specifications.

Torque Specifications:

Bolts and nuts - Snug tighten and then tighten an additional one half turn.

Step 5: (In-Ground Model Only) Attach the anchor legs to the frame assembly. See **Detail B**. Place the legs against the bottom of the frame assembly and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 6: Attach the rope castings to the ends of the Daughter rope. See **Detail C and the Rope And Castings Placement Reference**. Remove the frox balls from the ends of the rope. Balls are grooved and will slide apart. Insert each end of the rope through it's designated casting and reattach the frox balls. Pull the rope tight in the casting, apply a drop of thread locking adhesive to the bolt threads and attach the rope cap plate to the casting as shown. Fully tighten the connections according to tightening torque specifications.

Step 7: Attach the rope castings to the left and right legs and to the Daughter frame. See **Detail D**. Position the castings against the appropriate post as indicated in the **Rope And Castings Placement Reference in Detail C**. Apply a drop of thread locking adhesive to the bolt threads and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 8: Attach the hammock to the Daughter rope. See **Detail E**. Fit the hammock to the inside of the rope and attach as shown with the castings. Fully tighten the connections according to tightening torque specifications.

Step 9: Attach the small handholds to the top and the side of the Daughter frame. See **Detail F**. Seat the handholds on the Daughter frame as indicated in the detail reference and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 10: Finish assembling the other components and attaching any other belts or ropes between component.

Final Details.

Step 11: Plumb and level the components.

In-Ground: Block and brace for concrete. Pour concrete after all equipment has been assembled. Allow 72 hours for concrete to completely cure.

Surface Mount: Bolt down all surface mount supports in accordance with specifications provided by your registered structural engineer.

Important Note: Surface mount hardware is not supplied. Customer is responsible for concrete base and for providing surface mount hardware as specified by a registered structural engineer for each specific project application.

Step 12: Attach the cap castings to the ends of the Father frame. See **Detail G**. Insert each cap casting into an end of the Father frame, apply a drop of thread locking adhesive to the bolt threads and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 13: Attach the 5 inch caps to the ends of the Father frame. See **Detail H**. Insert each 5 inch cap into an end of the Father frame, apply a drop of thread locking adhesive to the bolt threads and attach as shown. Fully tighten the connections according to tightening torque specifications.

Step 14: Select plastic caps and press over the plastic flanged washers. See **Detail H**.

Note: The plastic caps install easier when they are warm.

Step 15: For areas complying with ASTM standard F1487 or the CSA Z-614, apply the age appropriate label to the component at eye level.

XX0704 - PLAYFORM 7 DAUGHTER

PART NO.	DESCRIPTION	QTY.
AAU0169	MEMBRANE CASTING	24
AAU0827	5" PLAYFORM 7 CAP	2
AAU0829	SMALL MOHAWK PLAYFORM 7	3
AAU0835	ROPE CASTING FOR 3.50" TUBING	3
AAU0836	ROPE CASTING FOR 5.00" TUBING	2
AAU0839	COVER CASTING FOR 12.00" BELT 3.50" O.D. TUBING	1
AAU6167	CASTING - 5" TUBING CAP SUPPORT	2
AFR1679	FRAME - DAUGHTER LEG (LEFT)	1
AFR1680	FRAME - DAUGHTER LEG (RIGHT)	1
AFR1697	FRAME - DAUGHTER	1
AFR1718	FRAME -3.50" O.D. FOOTING LEG	3
AMC0695	HAMMOCK - -DAUGHTER	1
AMC0709	ROPE - DAUGHTER	1
APL2255	PLATE - ROPE CAP	5
APL2265	PLATE - 6.75" x 1.50" x 7 GA	1
APL2275	PLATE - 11.50" x 1.50" x 12 GA	1
BAD0085	THREAD LOCKING ADHESIVE	3
BAE0112	NUT - 3/8"-16 HEAVY HEX	24
BAE0595	WASHER - 3/8" SAE FLAT	30
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	2
BAE0659	BOLT - 3/8"-16 x .75" BUTTON HEAD - SS	20
BAE0664	BOLT - 3/8"-16 x 1.00" BUTTON HEAD - SS	8
BAE0666	BOLT - 3/8"-16 x 1.25" BUTTON HEAD - SS	34
BAE0687	BOLT - 1/2"-13 x 1.50" BUTTON HEAD - SS	10
BAE0690	WASHER - .531" I.D. x 1.250" O.D. x .060" THICK	20
BAE0720	NUT - 1/2"-13 LOCK	10
BAE0900	WRENCH - 5/32" SHORT HEX KEY	1
BAE0906	TOOL - 5/16" SHORT HEX KEY WRENCH	1
BAE0922	TOOL - TT 45 L WRENCH	2
BAE01521	BOLT - 1/4"-20 x .50" BUTTON HEAD - SS	10
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	4
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	2
BPL0300	CAP - 3/8" BOLT	2
ALB0025	LABEL - AGE APPROPRIATE SHEET	1

XX0704S - PLAYFORM 7 DAUGHTER SURFACE MOUNT

PART NO.	DESCRIPTION	QTY.
AAU0169	MEMBRANE CASTING	24
AAU0827	5" PLAYFORM 7 CAP	2
AAU0829	SMALL MOHAWK PLAYFORM 7	3
AAU0835	ROPE CASTING FOR 3.50" TUBING	3
AAU0836	ROPE CASTING FOR 5.00" TUBING	2
AAU0839	COVER CASTING FOR 12.00" BELT 3.50" O.D. TUBING	1
AAU6167	CASTING - 5" TUBING CAP SUPPORT	2
AFR1679	FRAME - DAUGHTER LEG (LEFT)	1
AFR1680	FRAME - DAUGHTER LEG (RIGHT)	1
AFR1697	FRAME - DAUGHTER	1
AMC0695	HAMMOCK - -DAUGHTER	1
AMC0709	ROPE - DAUGHTER	1
APL2255	PLATE - ROPE CAP	5
APL2265	PLATE - 6.75" x 1.50" x 7 GA	1
APL2275	PLATE - 11.50" x 1.50" x 12 GA	1
BAD0085	THREAD LOCKING ADHESIVE	3
BAE0112	NUT - 3/8"-16 HEAVY HEX	24
BAE0595	WASHER - 3/8" SAE FLAT	30
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	2
BAE0659	BOLT - 3/8"-16 x .75" BUTTON HEAD - SS	20
BAE0664	BOLT - 3/8"-16 x 1.00" BUTTON HEAD - SS	8
BAE0666	BOLT - 3/8"-16 x 1.25" BUTTON HEAD - SS	34
BAE0900	WRENCH - 5/32" SHORT HEX KEY	1
BAE0922	TOOL - TT 45 L WRENCH	2
BAE01521	BOLT - 1/4"-20 x .50" BUTTON HEAD - SS	10
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	4
BAE06677	BOLT - 3/8"-16 x 2.75" BUTTON HEAD - SS	2
BPL0300	CAP - 3/8" BOLT	2
ALB0025	LABEL - AGE APPROPRIATE SHEET	1



Fasteners

- Inspect for loose fasteners. Tightening torque specifications are:
Bolts and Nuts: Snug tighten and tighten an additional one-half turn.
- If during the maintenance process a bolt needs to be removed from a part or parts, it will be necessary to apply a drop of liquid thread lock / loctite to the bolt before reinstallation.
- 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 aluminum castings 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.

Rope

- Inspect the rope for any fraying, wear or loose connectors.

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, or on, the footings and secure. If any damage is detected, barricade equipment to prevent use until repair is completed.

Surfacing

- Refer to the specific surfacing maintenance detail sheet for additional information.

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® Models XX0704 and XX0704S PlayForm 7 Daughter In-Ground and Surface Mount



 **PLAYWORLD**
The world needs play.

For Customer Service, Call
800-233-8404 or
570-522-9800 OUTSIDE U.S.
1000 Buffalo Road • Lewisburg, PA 17837
www.playworldsystems.com

Inspection Form

Preventive Maintenance

... for Safety's Sake!

- 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.

INSPECTION CHECKLIST

	Frequency	Inspection Code	Date	Date Repairs Completed
Inspect the rope for damage.	Medium			
Inspect surfacing to insure proper depth and distribution.	High			
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: ___ / ___ / ___

