

Installation Instructions

Playworld Systems® Model XX0707

PlayForm 7

Mother To Son Belt and Handle




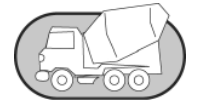


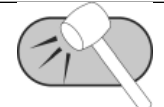
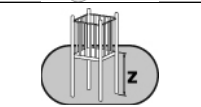


Assembly View

Installation Preparation

Recommended Crew: Two (2) adults
 Installation Time (In-Ground): 2 man-hours
 Use Zone: Refer to the layout drawing
 User Group Age (years): ASTM/CSA: 5-12, EN: 6-14

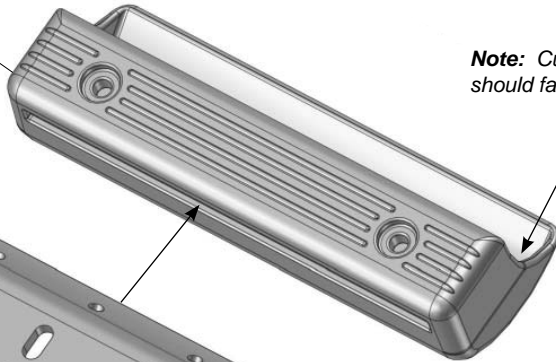
ICON KEY

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

Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 8.

Cover Casting
AAU0839
(2 Total)

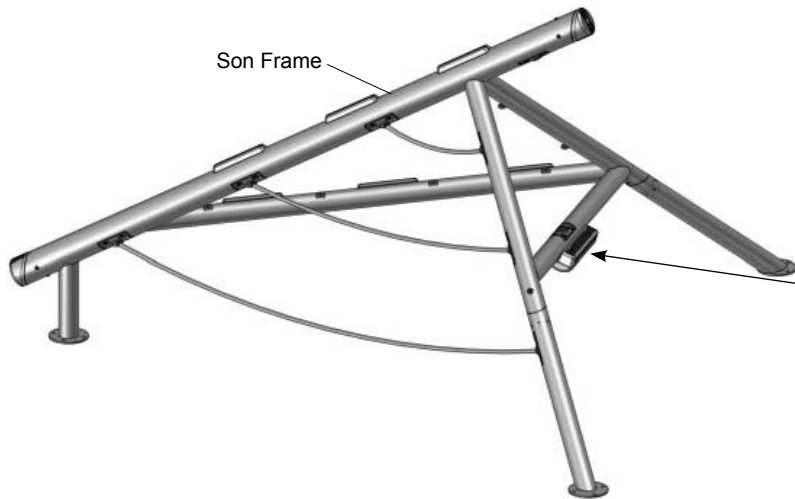


Note: Curved side of the casting should face toward the frame.

Mother to Son Belt
AMC0693
(1 Total)

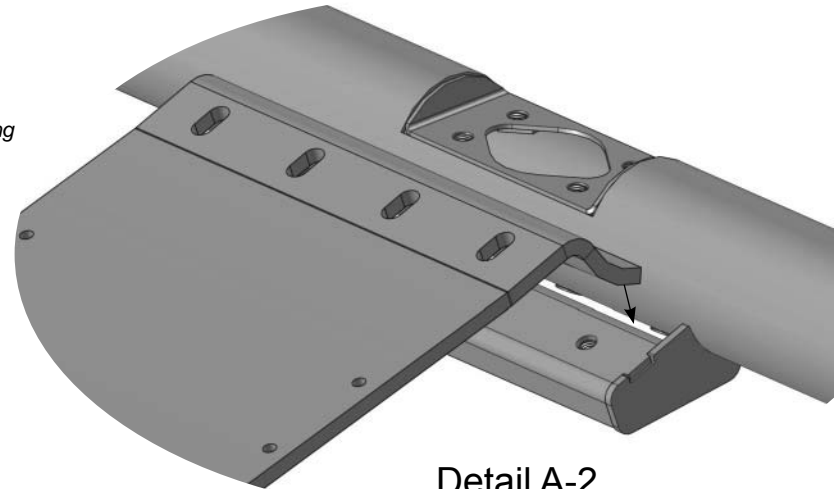
Detail A-1 Step 3

Place a cover casting onto each end of the Mother to Son belt



Son Frame

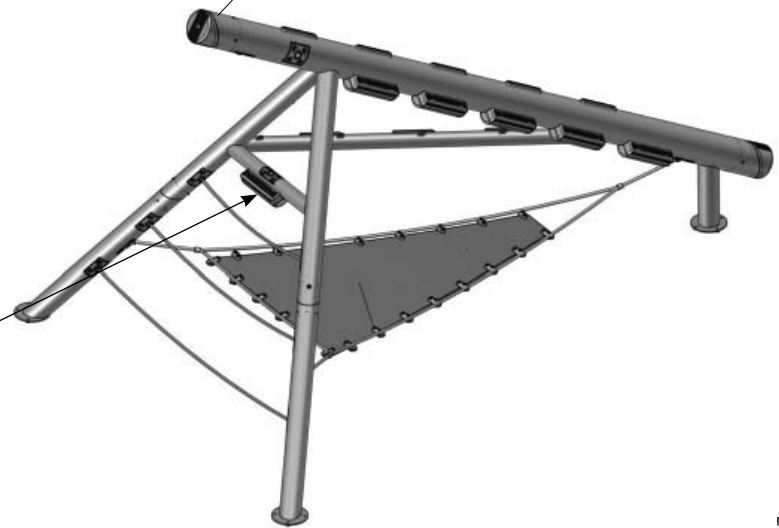
Belt to frame placement location.



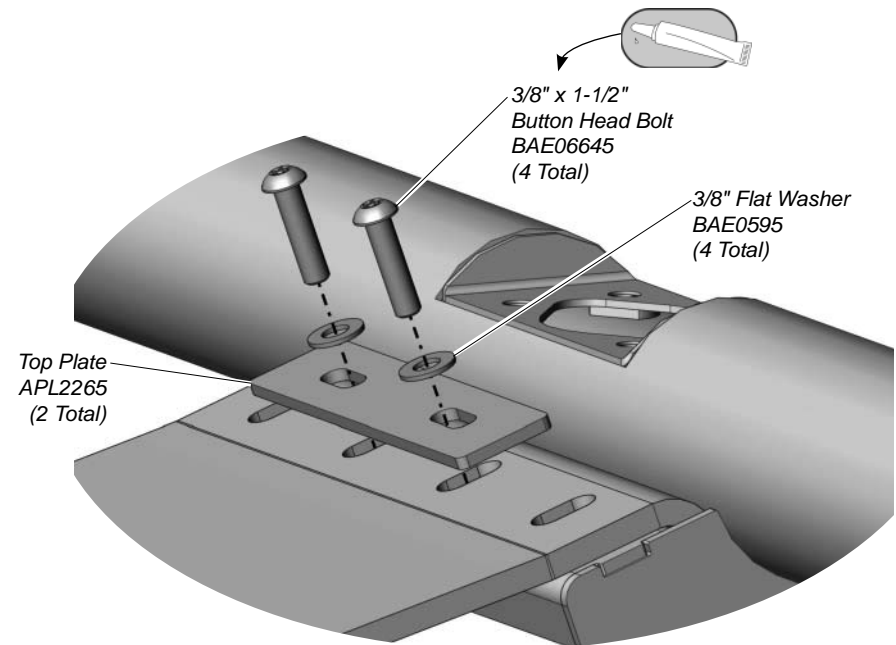
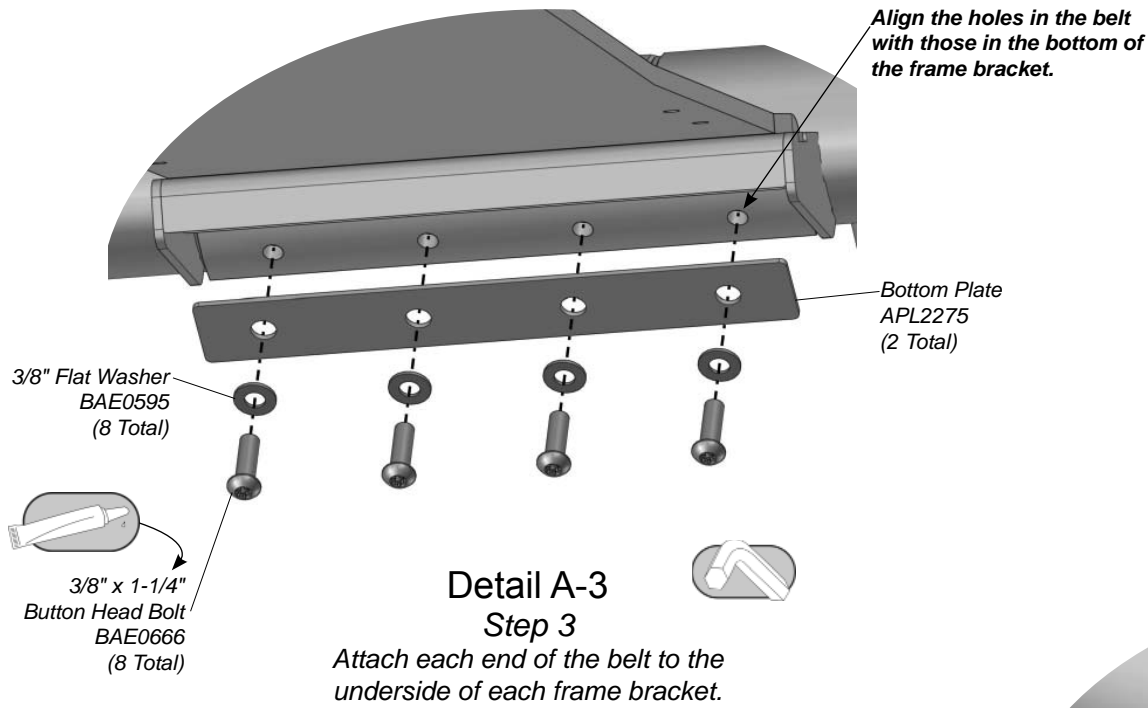
Detail A-2 Step 3

Insert the Mother to Son belt into the bracket on the Mother and Son frames.

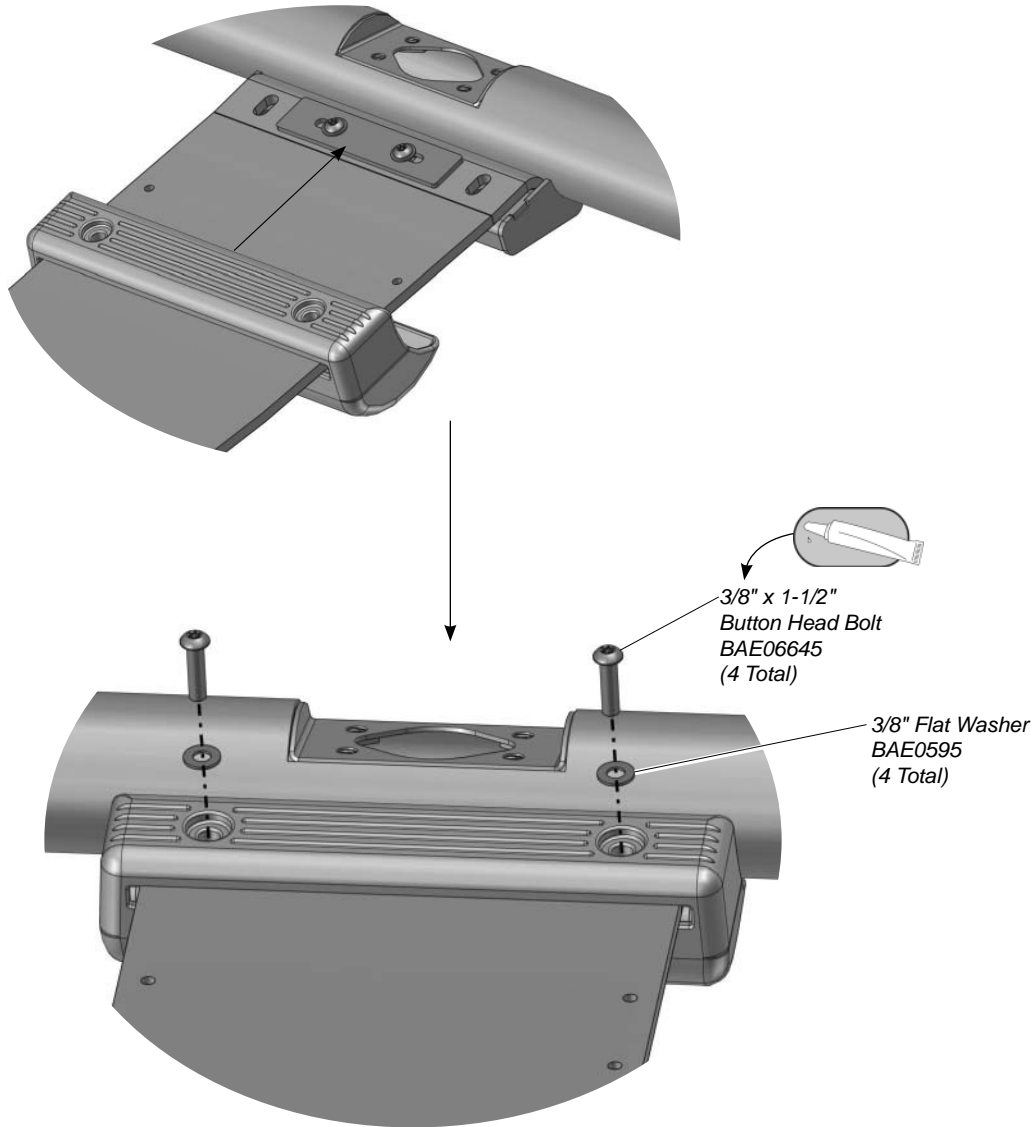
Mother Frame



Installation Instructions



Installation Instructions



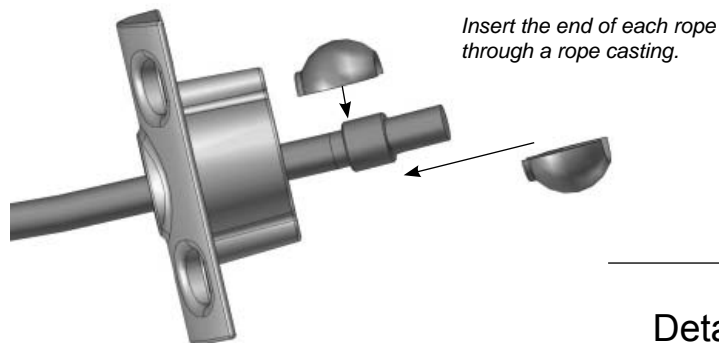
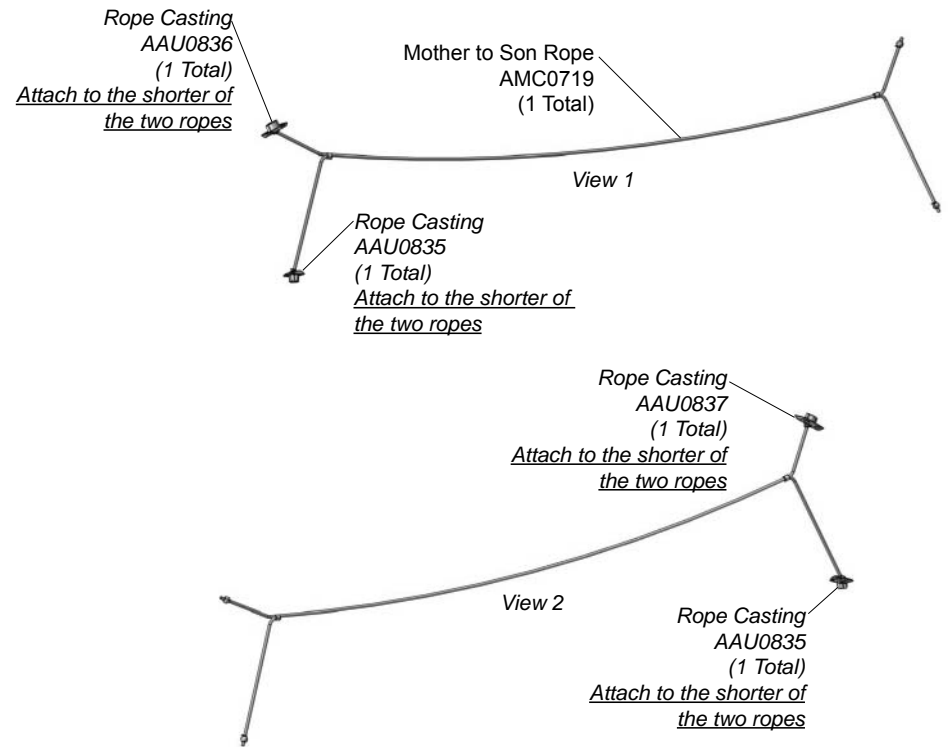
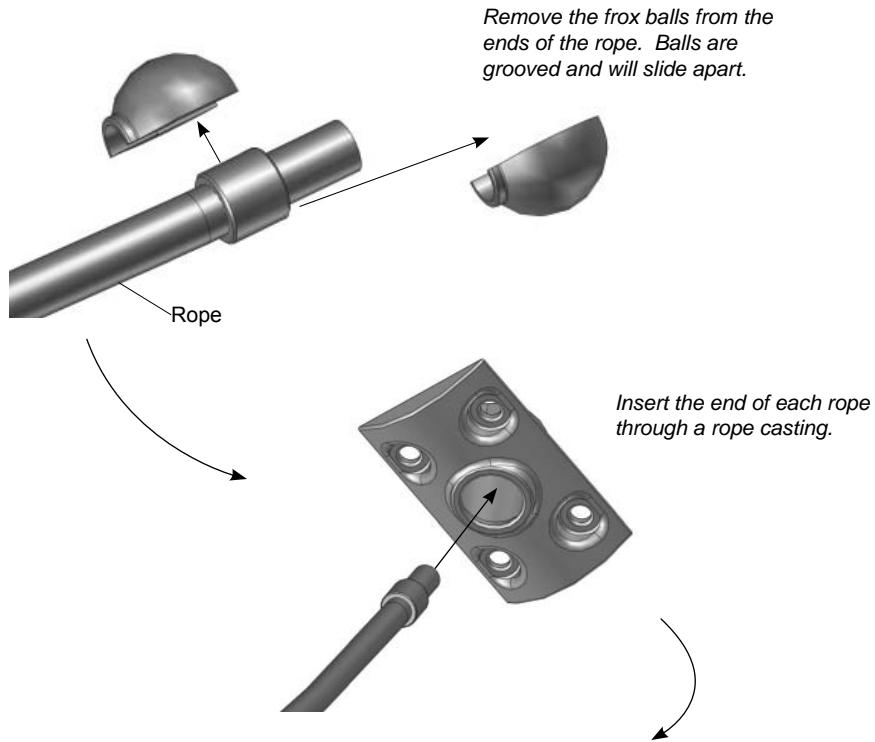
Detail A-5



Step 3

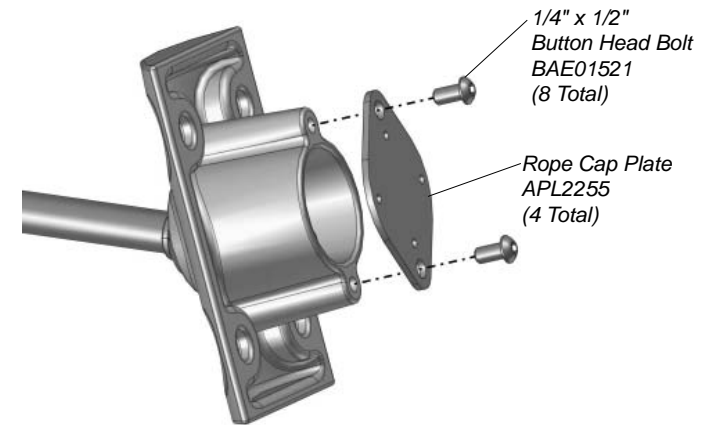
Attach the cover castings to the frame bracket.

Installation Instructions

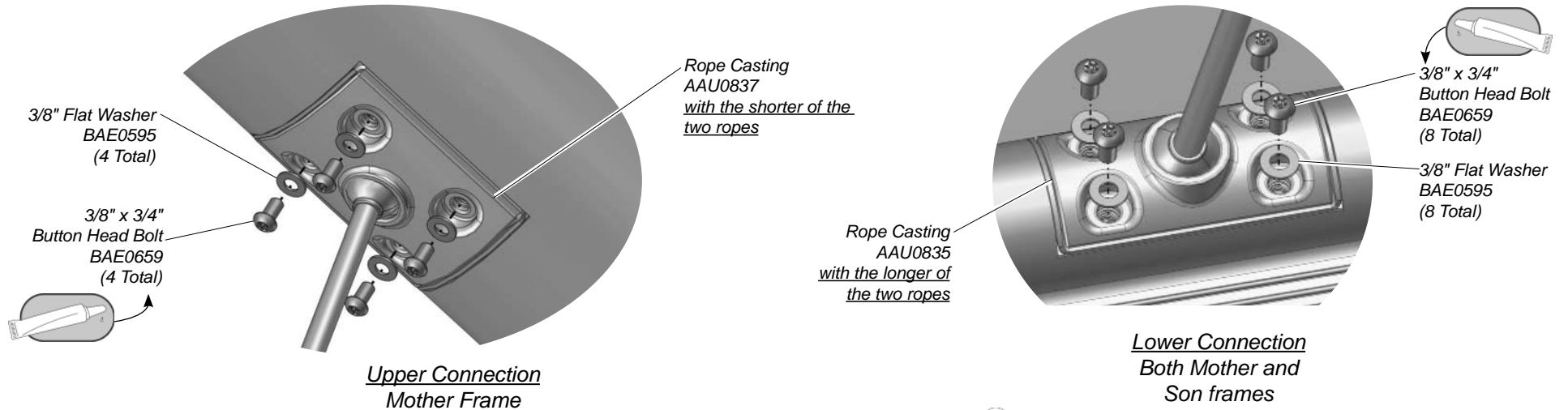


Detail B Step 4

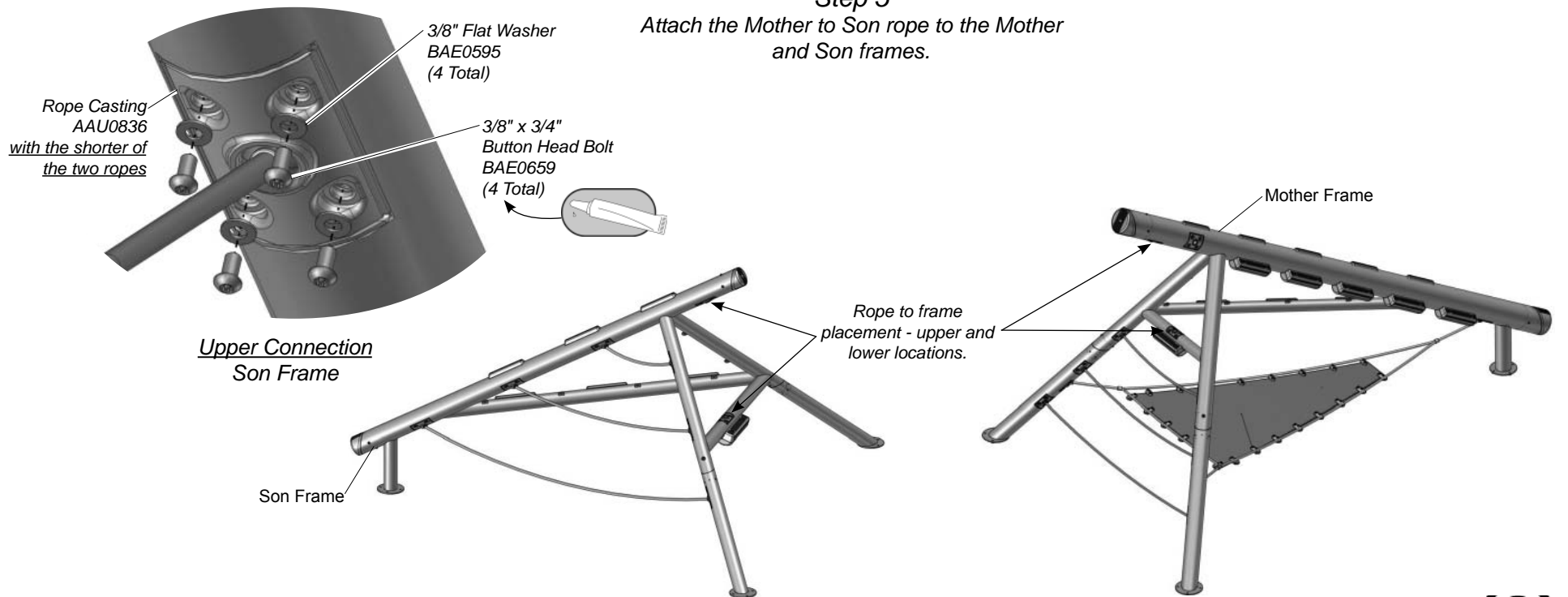
Attach the rope castings to the ends of the Mother to Son rope.



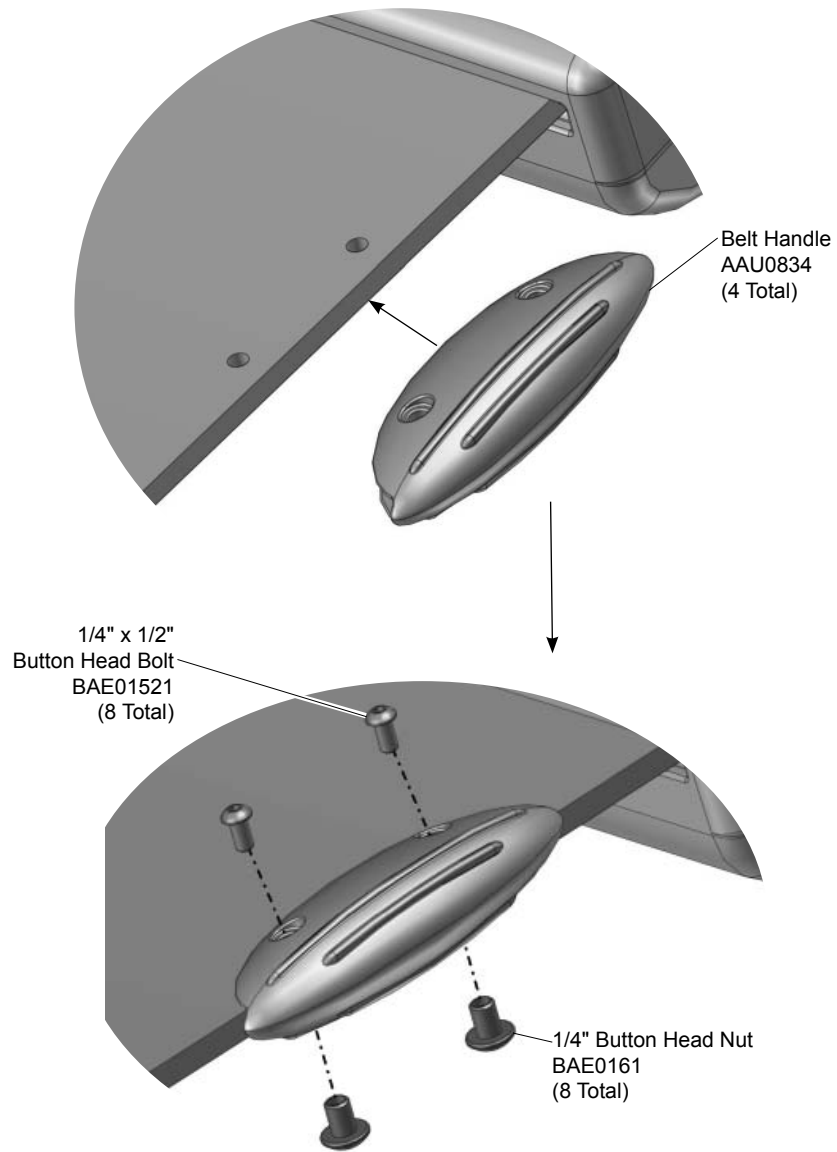
Installation Instructions



Detail C
Step 5
Attach the Mother to Son rope to the Mother and Son frames.



Installation Instructions



Detail D Step 6



Attach the belt handles to the belts.

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: Attach the Mother to Son belt to the frames. See **Details A-1 through A-5**. Place a cover casting onto each end of the Mother to Son belt. See **Detail A-1**. Slide the end of the belt through the cover casting, the curved side of the casting should face toward the frame. Insert the Mother to Son belt into the bracket on the Mother and Son frames. See **Detail A-2**. Align the second set of holes on the belt with the holes on the bracket. Attach each end of the belt to the underside of each frame bracket. See **Detail A-3**. Align the holes in the belt with those in the bottom of the frame bracket, apply a drop of thread locking adhesive to the bolt threads, and attach as shown. Fully tighten this connection. Attach each end of the belt to the top side of each frame bracket. See **Detail A-4**. Place the top plate over the two middle holes, apply a drop of thread locking adhesive to the bolt threads, and attach as shown. Fully tighten this connection. Attach the cover castings to the frame bracket. See **Detail A-5**. Slide the cover casting over the belt and align the holes on the cover casting with the two outer holes on the bracket. 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 4: Attach the rope castings to the ends of the Mother to Son rope. See **Detail B**. Remove the frox balls from the ends of the ropes. The balls are grooved and will slide apart. Insert the end of each rope through a rope casting and re-attach the frox balls to the ends of the ropes. Refer to page 5 for the correct part identification for the rope castings on the ropes. Place the rope cap plates on the back of the rope castings, aligning the holes on the plate and casting, apply a drop of thread locking adhesive to the bolt threads, and attach as shown. There are two hardware connections per plate. Fully tighten the connections according to tightening torque specifications.

Step 5: Attach the Mother to Son rope to the Mother and Son frames. See

Detail C. Align the holes on the castings with the holes on the frames, apply a drop of thread locking adhesive to the bolt threads, and attach as shown. There are four connections per casting. Refer to page 6 for the correct placement of the castings on the frames. The shorter end of the rope will attach to the upper connection on the frames. The longer end of the rope will attach to the bottom connection on the frames. Fully tighten the connections according to tightening torque specifications.

Step 6: Attach the belt handles to the belt. See **Detail D**. Select the belt handles and appropriate hardware. Slide the belt handles onto the sides of the belt, align the holes on the belt handle with those on the belt, and attach as shown. There are two connections per handle. Fully tighten the connections according to tightening torque specifications.

Final Details.

Step 7: Plumb and level the component. Tighten **all** fasteners. Fully tighten all fasteners according to tightening torque specifications.

Torque Specifications:

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

ZZXX0707 - MOTHER TO SON BELT AND HANDLE

PART NO.	DESCRIPTION	QTY.
AAU0834	BELT HANDLE	4
AMC0693	BELT - MOTHER TO SON	1
AMC0719	ROPE - MOTHER TO SON	1
BAE0161	NUT - 1/4"-20 x 7/16" BUTTON HEAD	8
BAE0900	WRENCH - 5/32" SHORT HEX KEY	1
BAE0902	TOOL - 7/32" SHORT HEX KEY WRENCH	1
BAE01521	BOLT - 1/4"-20 x .50" BUTTON HEAD - S.S.	8

 **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



This page is
intentionally left blank.



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.

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.

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 XX0707 PlayForm 7 Mother to Son Belt and Handle



 **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 metal parts for structural and finish damage.	Medium			
Inspect for loose, missing, worn, or broken fasteners.	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: ___ / ___ / ___

