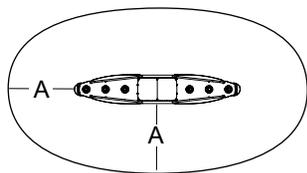


Assembly View (representative model)



Rocking/Springing Equipment  
Intended for Standing Use Zones  
A = ASTM: 84 in. (2134 mm)  
CSA: 2100 mm  
EN: 1500 mm

## Installation Instructions

### Playworld Systems®

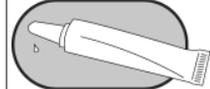
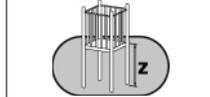
### Models XX0182 and XX0182S

### Unity Teeter Tunnel

#### Installation Preparation

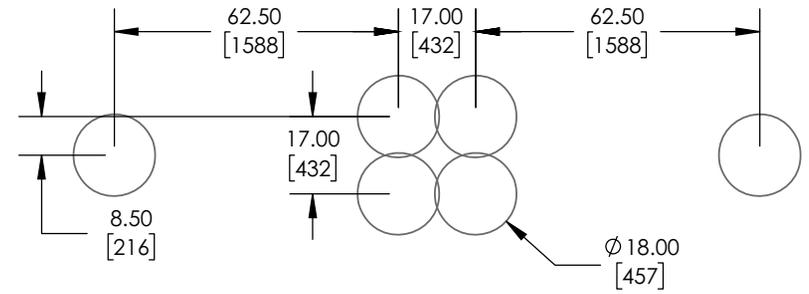
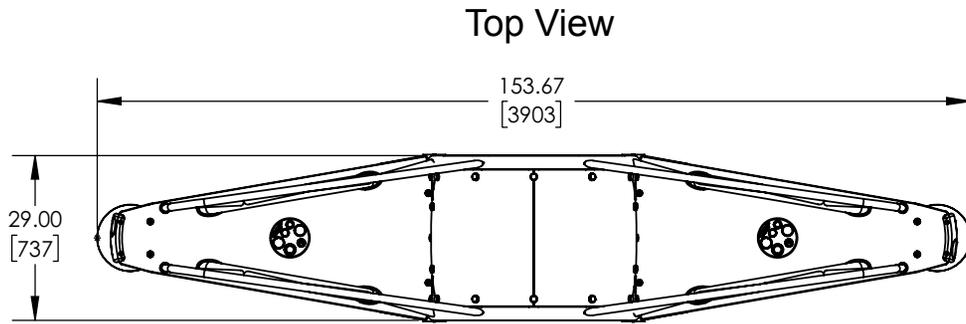
Recommended Crew: ..... Four (4) adults  
 Installation Time: ..... 12 man-hours (In-Ground)  
 Installation Time: ..... 9 man-hours (Surface Mount)  
 Concrete Required (In-Ground): ..... 0.78 cubic yard (0,60 cubic meters)  
 Use Zone: ..... Refer to the information below  
 User Group Age (years): ..... ASTM/CSA: 5-12, EN: 6-14

#### ICON KEY

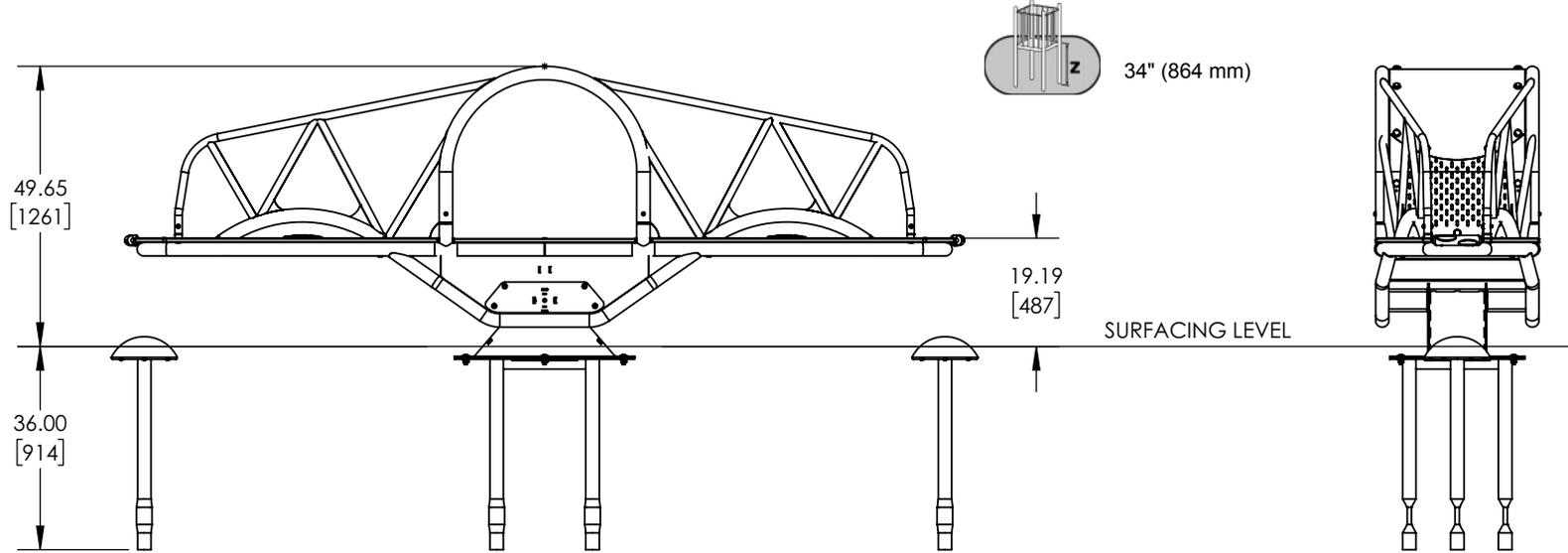
	Fully Tighten Hardware		Add 1 Drop of Thread Locking Adhesive
	Do <b>Not</b> Fully Tighten Hardware		Pour Concrete
	Drill		Dig Footing Holes
	Hammer		Critical Fall Height

# Installation Instructions

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



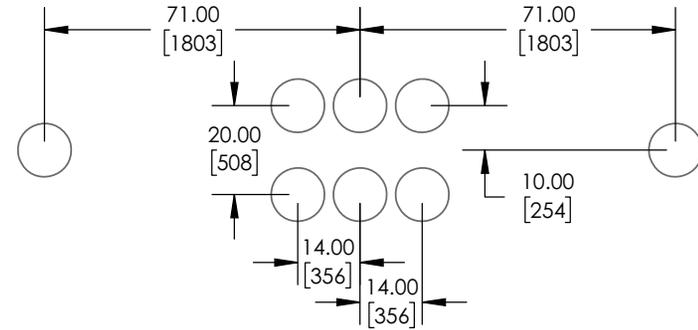
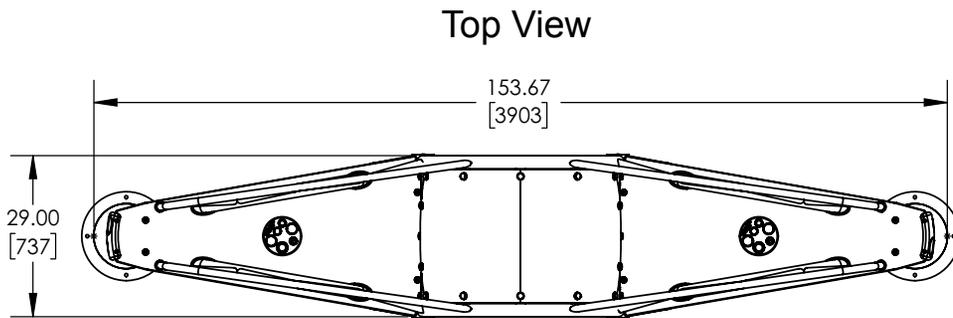
**Footing Diagram**



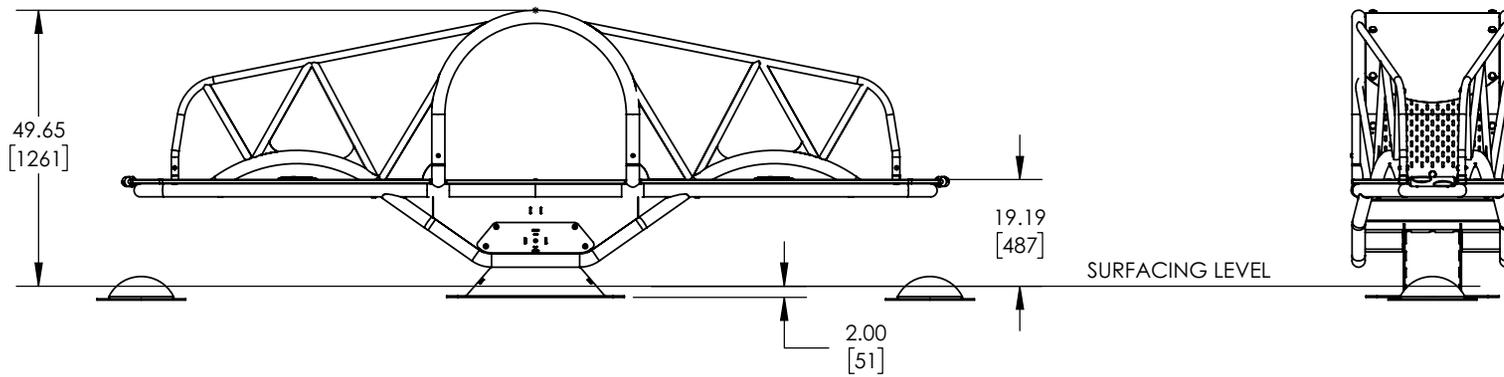
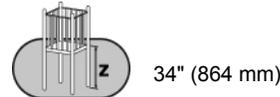
**Elevation Views  
XX0182**

# Installation Instructions

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

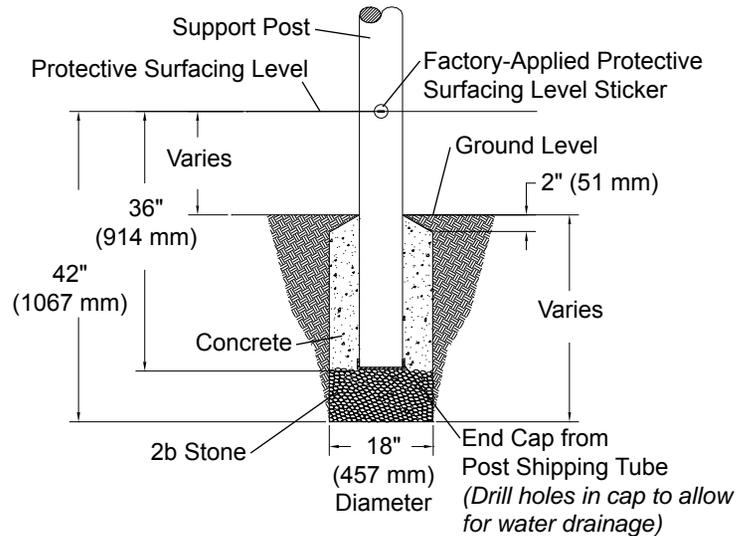


Footings Diagram

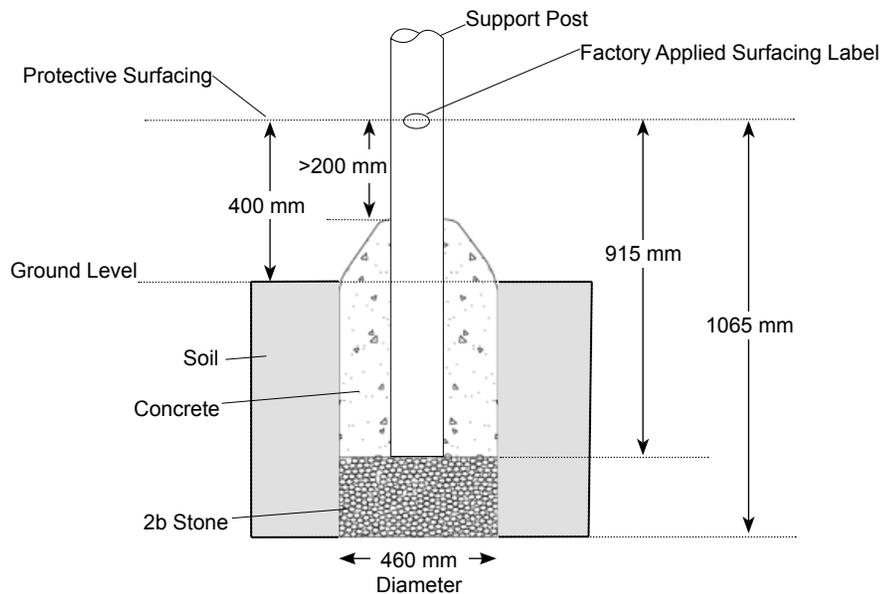


Elevation Views  
XX0182S

# Installation Instructions



Support Post Footing Detail (ASTM/CSA)

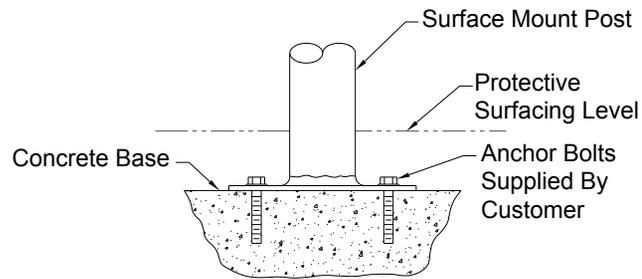


Footing Detail Support Post (EN)

## FOOTING NOTES

- Support post footing depth equals 42 in. (1067 mm) less the depth of the protective surfacing material. The post is designed to have 24" (610 mm) in concrete.  
*Example:* If 12 in. (305 mm) of wood mulch is used for surfacing, the footing depth would be 30 in. (762 mm).
- Some support posts and component support legs may 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 or porous block.
- 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



Surface Mount Footing Detail

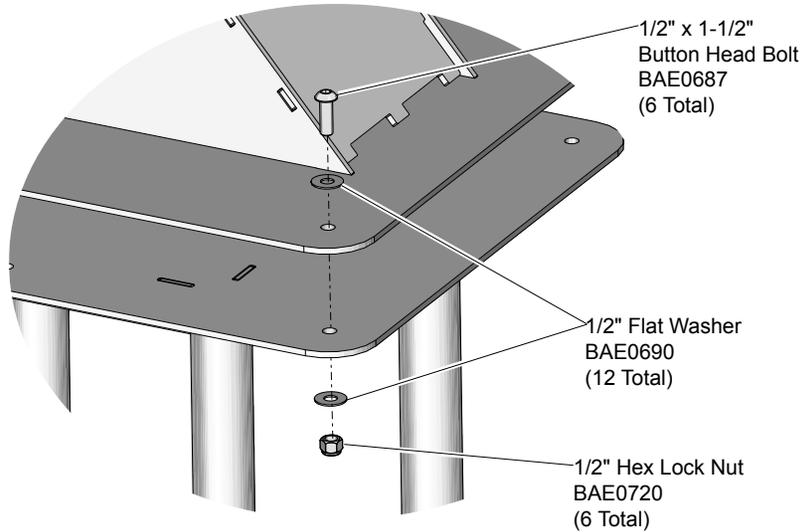
## FOOTING NOTES

- All support posts and component support legs may 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.
- Footing size may vary due to local soil and weather conditions.
- Base of footing must be below frost line.
- Comparison of protective surfacing materials is available in [Handbook for Public Playground Safety](#) published by U. S. Consumer Product Safety Commission.

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

# Installation Instructions

Follow the details in alphabetical order. For clarification, each detail references the step description. The step descriptions start on page 16.

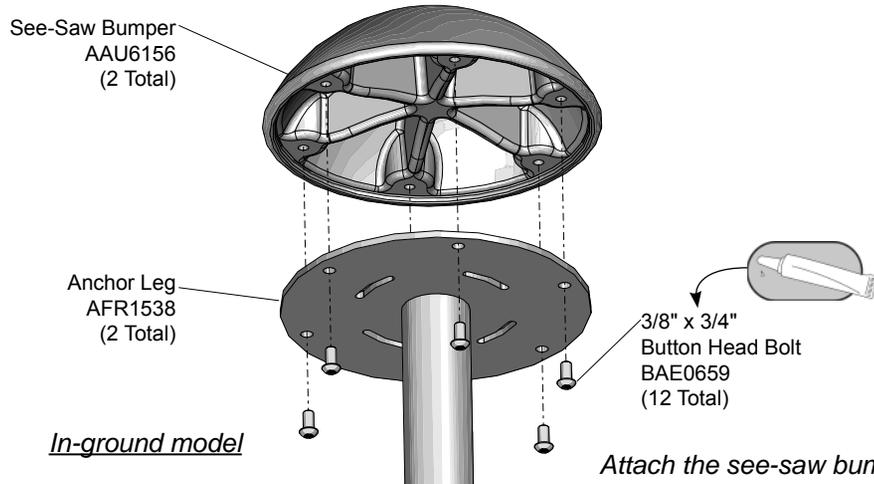
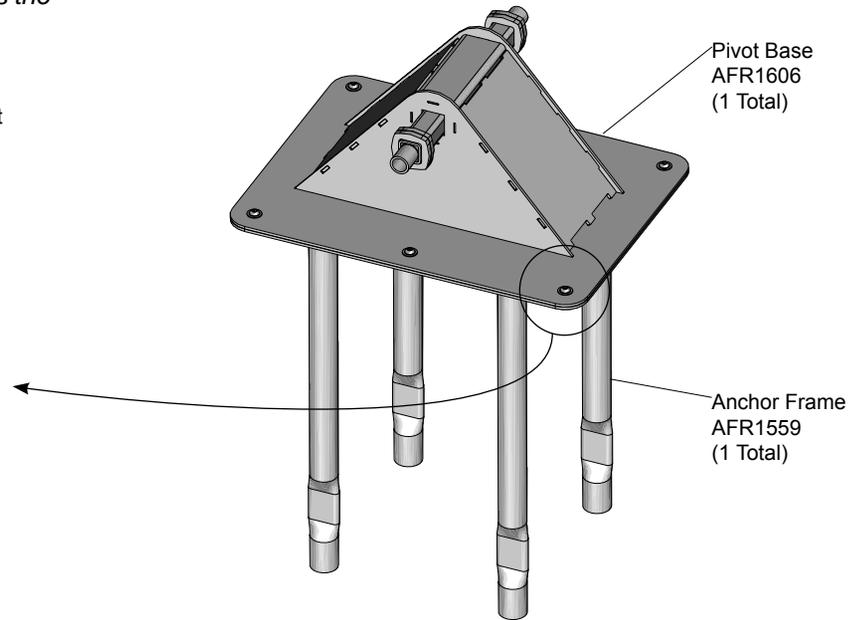


## Detail A Step 4



*(In-ground model only)*

Attach the anchor frame to the pivot base.

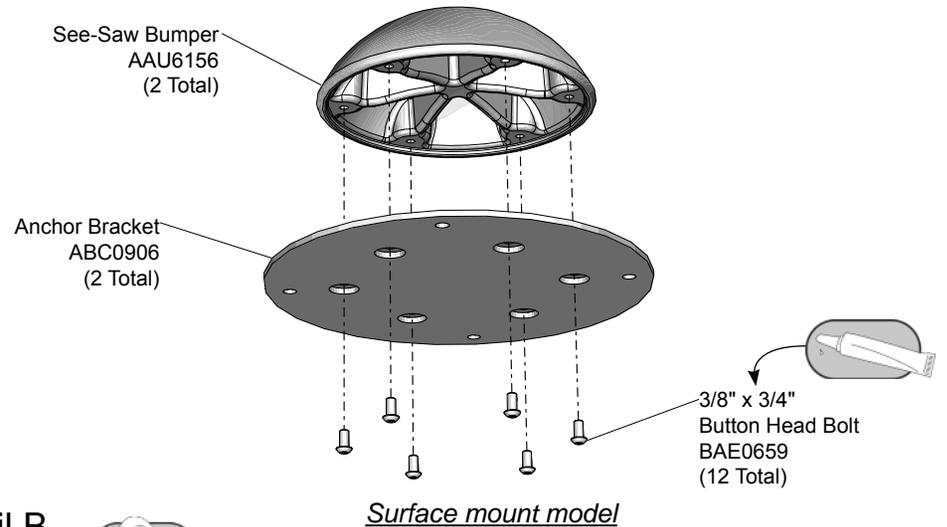


*In-ground model*

## Detail B Step 5

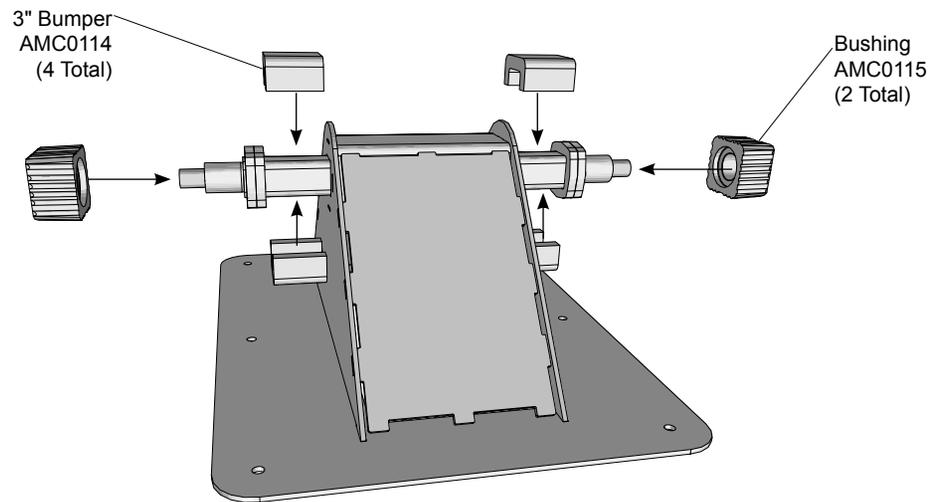
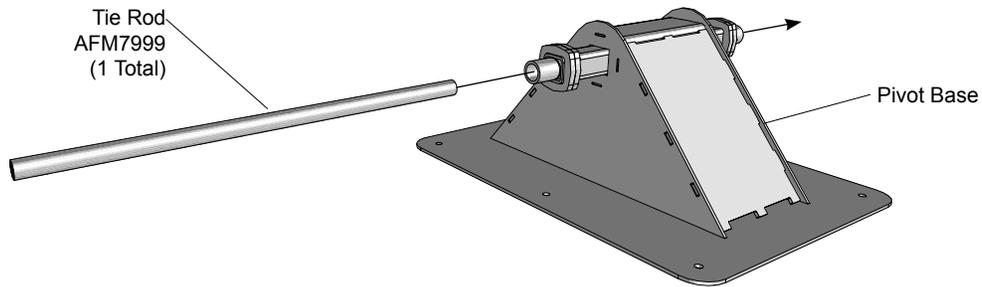


Attach the see-saw bumpers to the anchor legs or brackets.



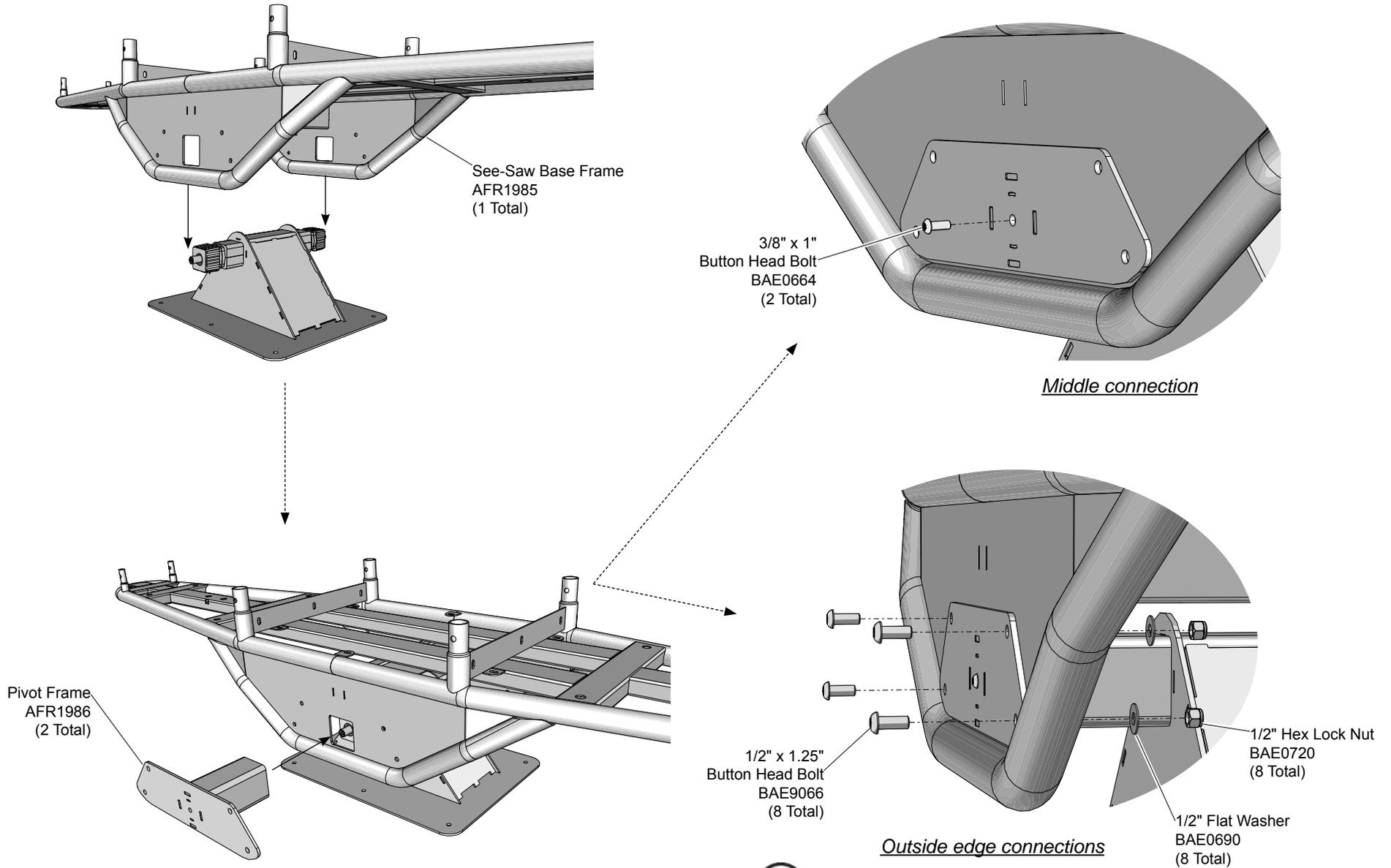
*Surface mount model*

# Installation Instructions



**Detail C**  
**Step 6**  
*Assemble the pivot base.*

# Installation Instructions

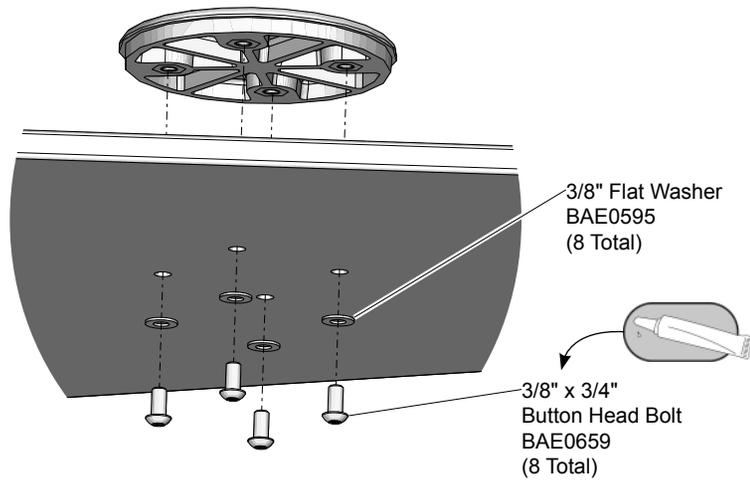
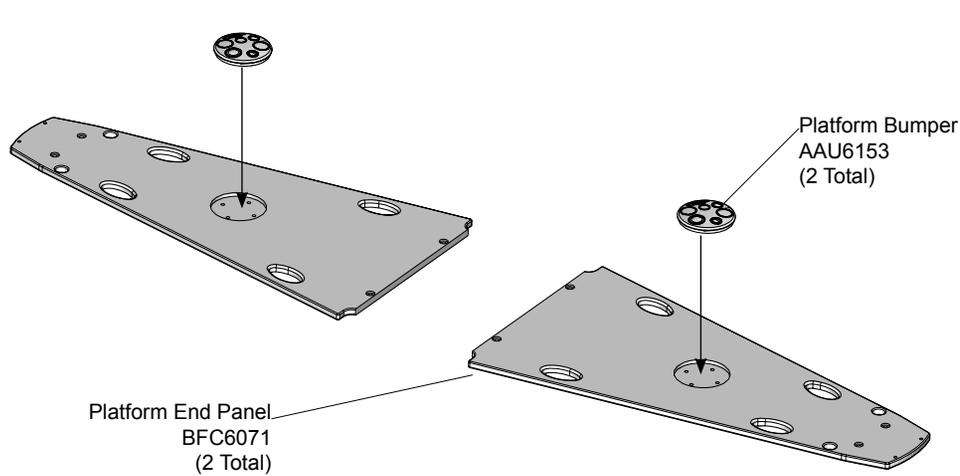


## Detail D Step 7



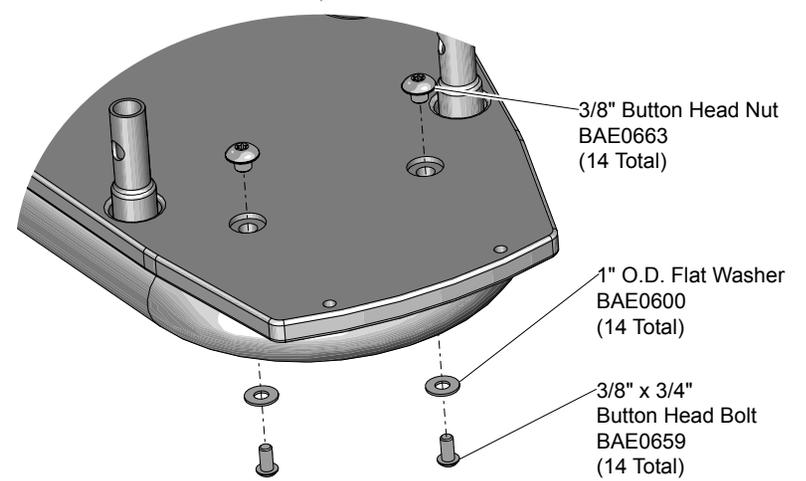
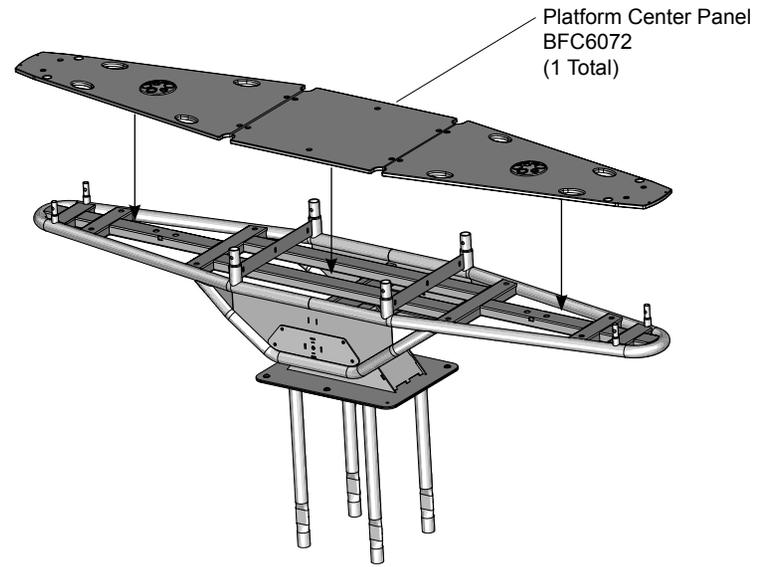
Attach the see-saw base frame to the pivot base.

# Installation Instructions



**Detail E**  
Step 8

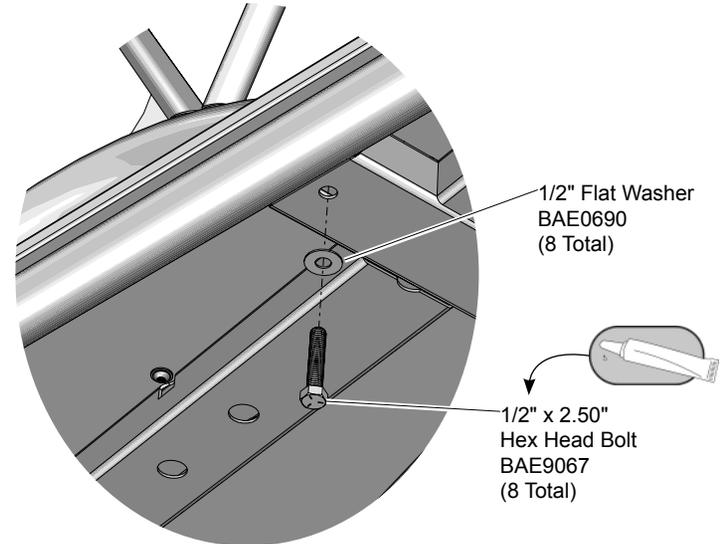
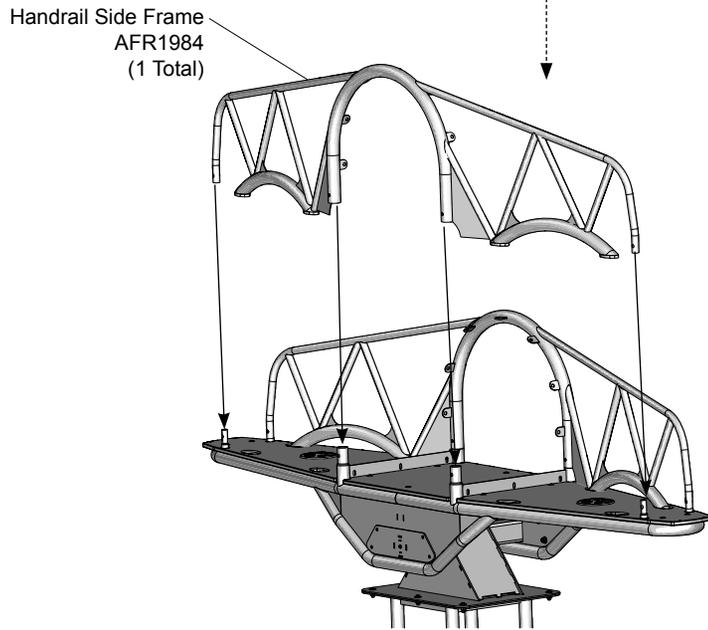
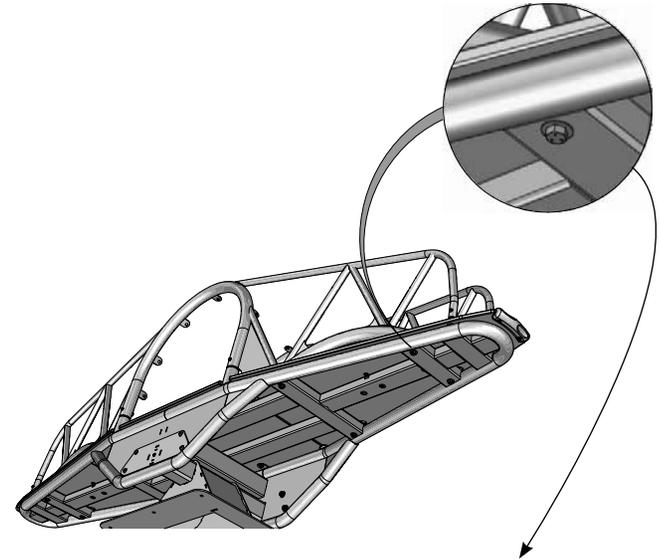
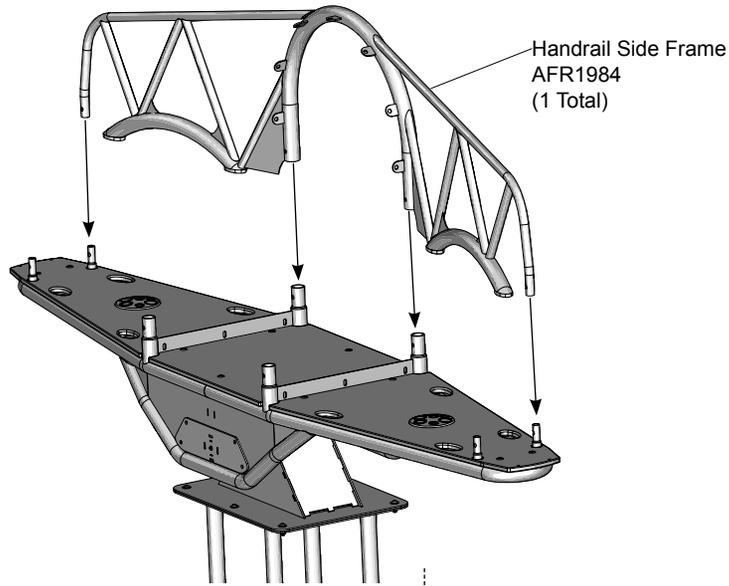
Attach the platform bumpers to the end panels.



**Detail F**  
Step 9

Attach the platform panels to see-saw frame.

# Installation Instructions



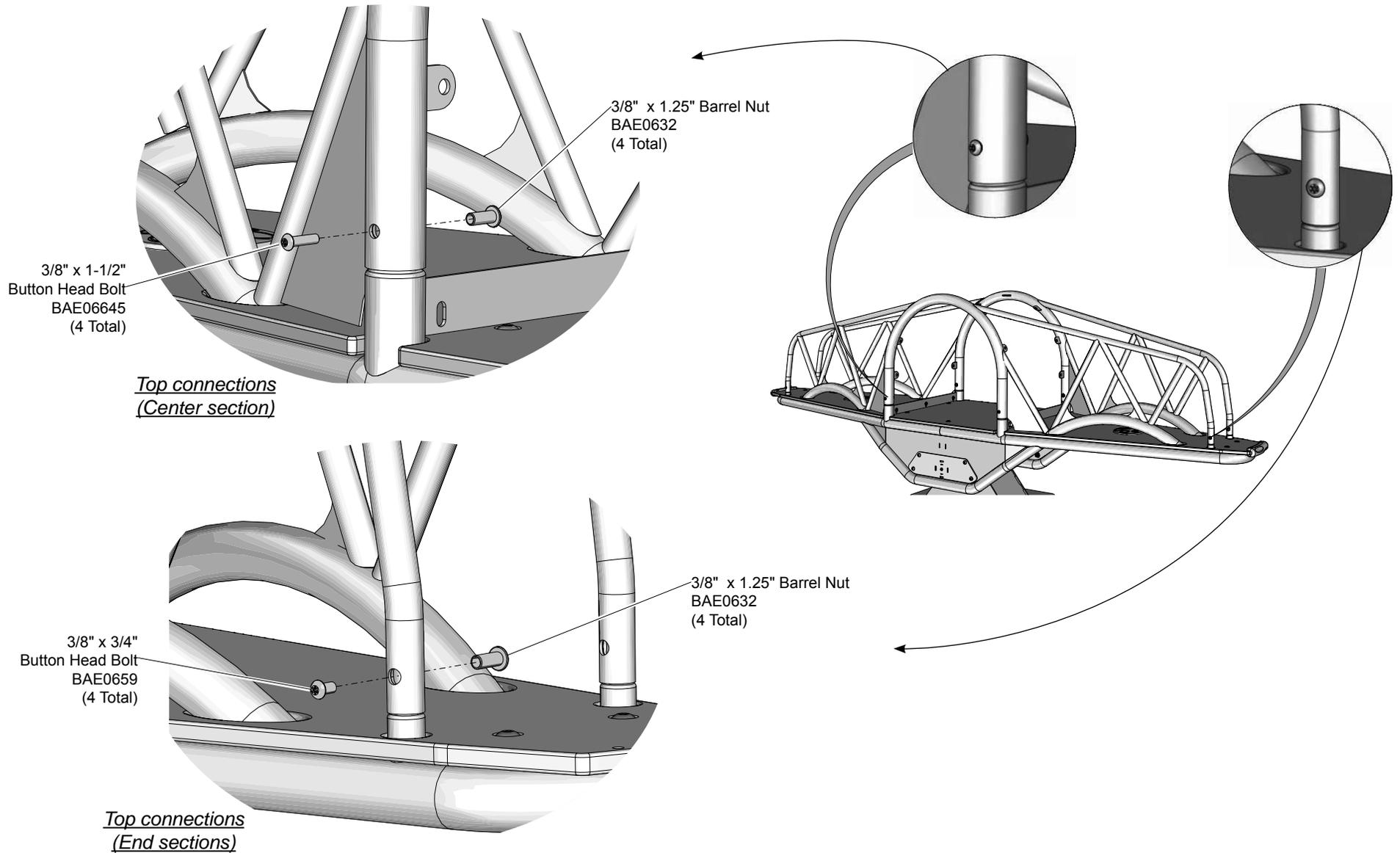
Bottom connections

Detail G  
Step 10



Attach the handrail side frames to the bottom of the see-saw base frame.

# Installation Instructions

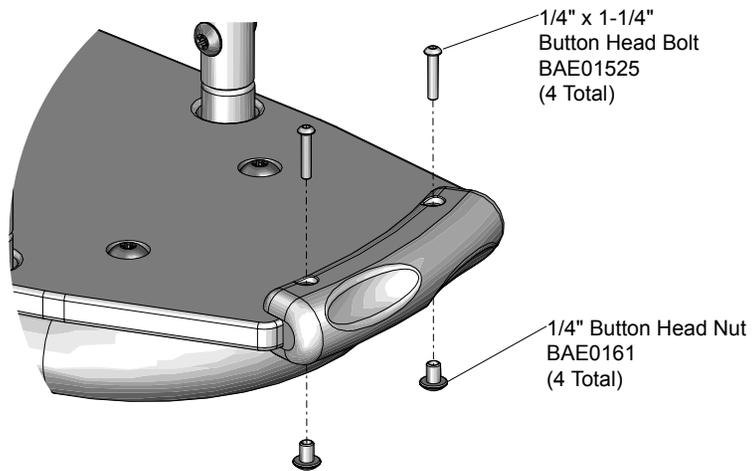
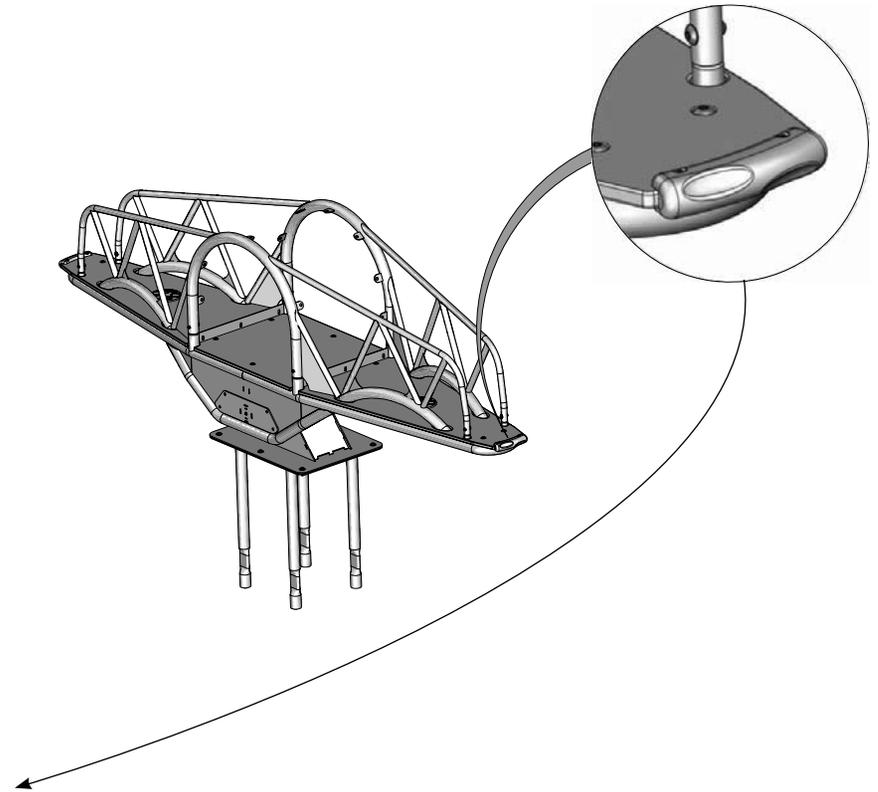
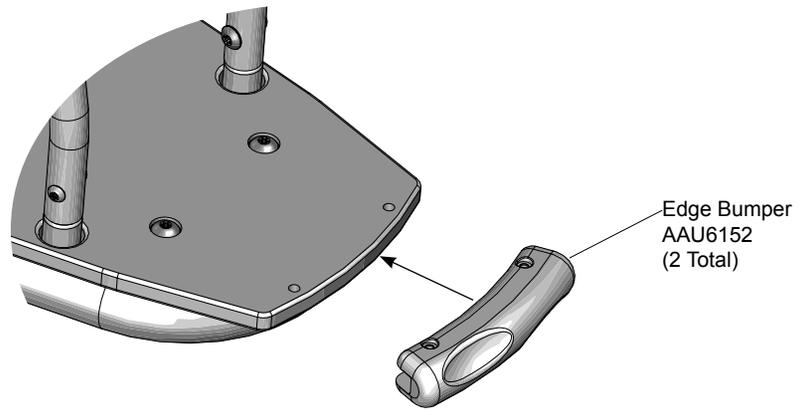


**Detail H**  
Step 11



*Attach the handrail side frames to the top of the see-saw base frame.*

# Installation Instructions

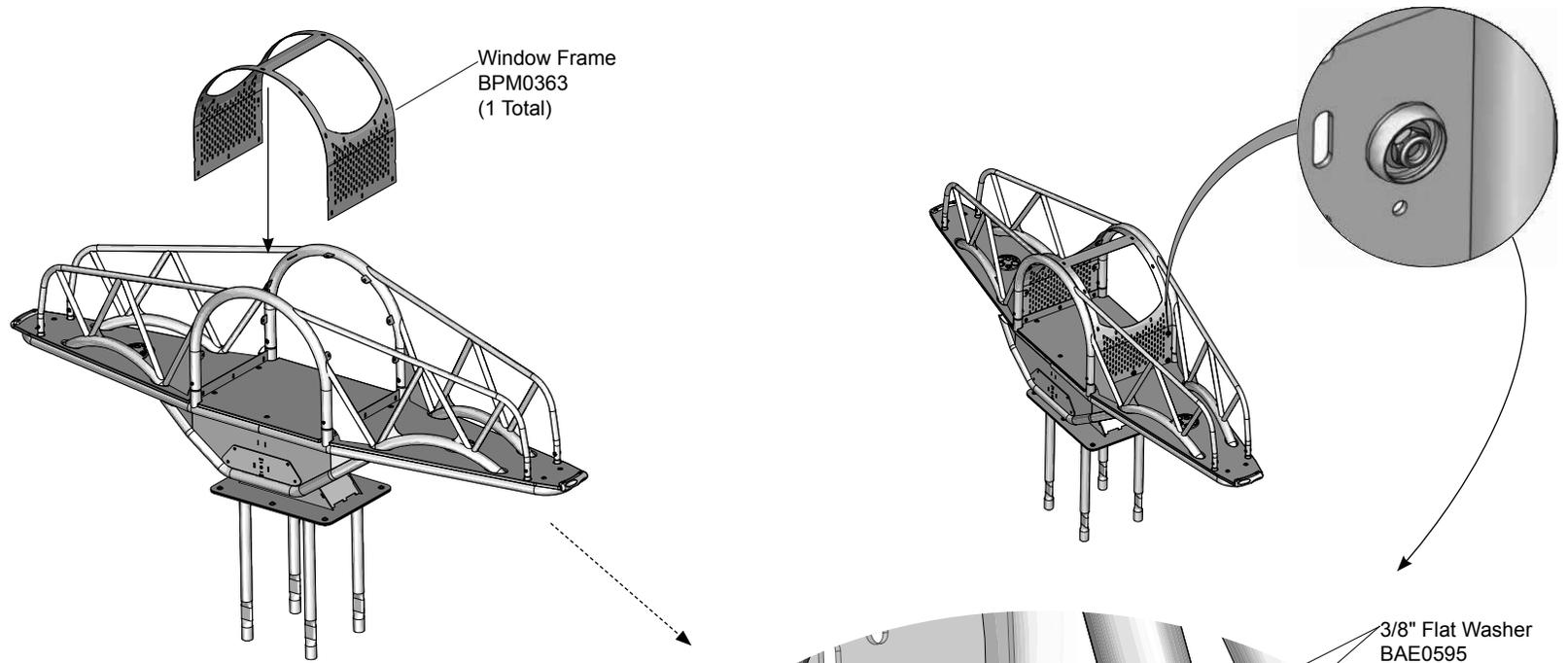


## Detail J

Step 12

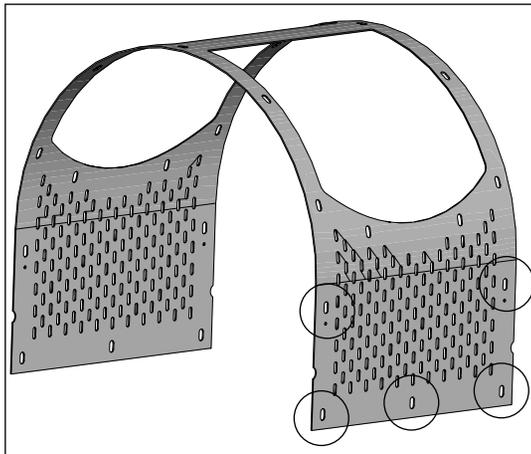
Attach the edge bumpers to the platform end panels.

# Installation Instructions



Window Frame  
BPM0363  
(1 Total)

3/8" Flat Washer  
BAE0595  
(20 Total)



3/8" x 1"  
Button Head Bolt  
BAE0664  
(10 Total)

**Note:** The window frame is shown transparent for ease of viewing the connection.

Plastic Washer  
(half of a two-piece assembly)  
BPL0300  
(10 Total)

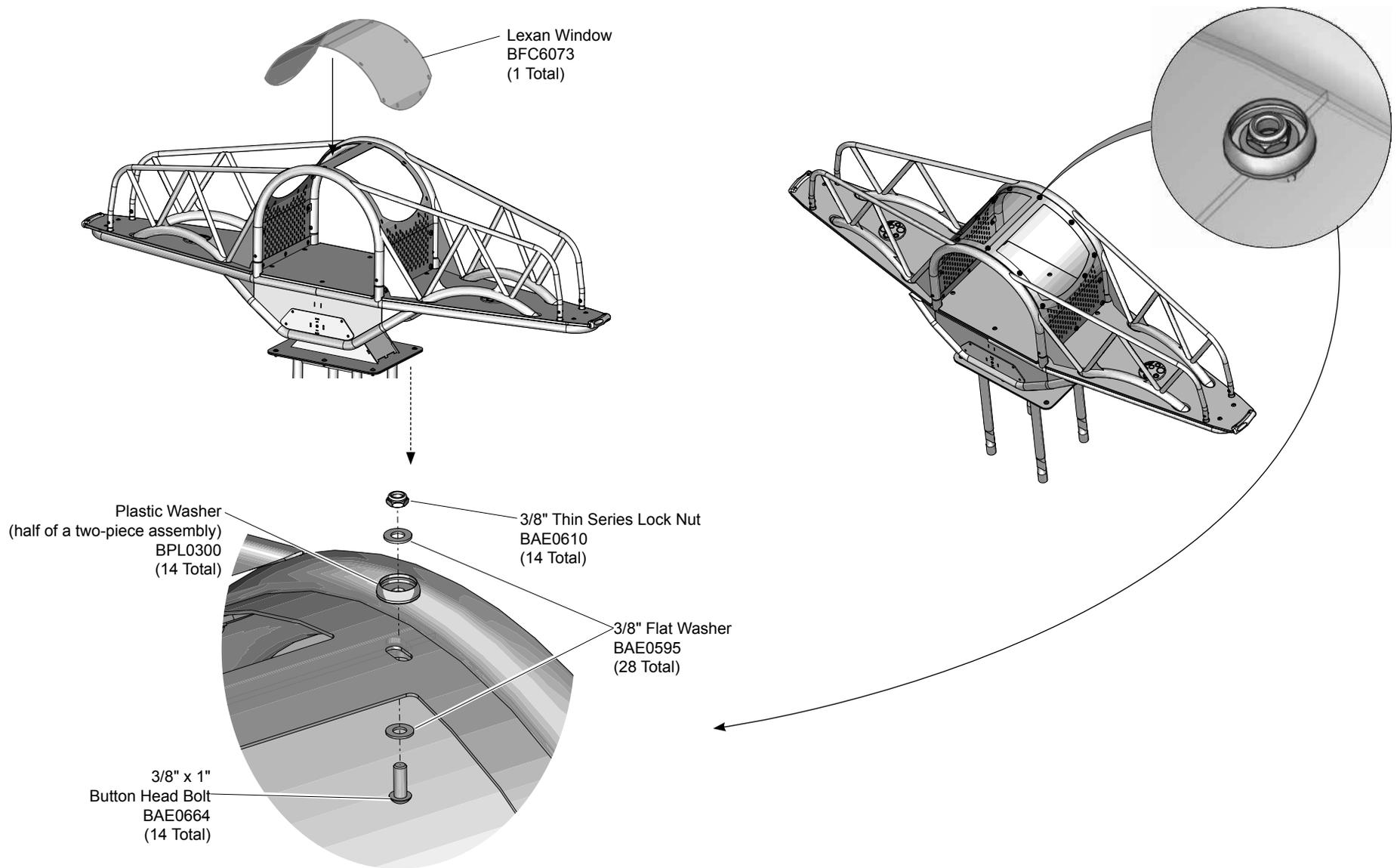
3/8" Thin Series Lock Nut  
BAE0610  
(10 Total)

Detail K   
Step 13

Attach the window frame to the platform assembly.

Make the connections through the **five lower slots** on each side of the frame.

# Installation Instructions



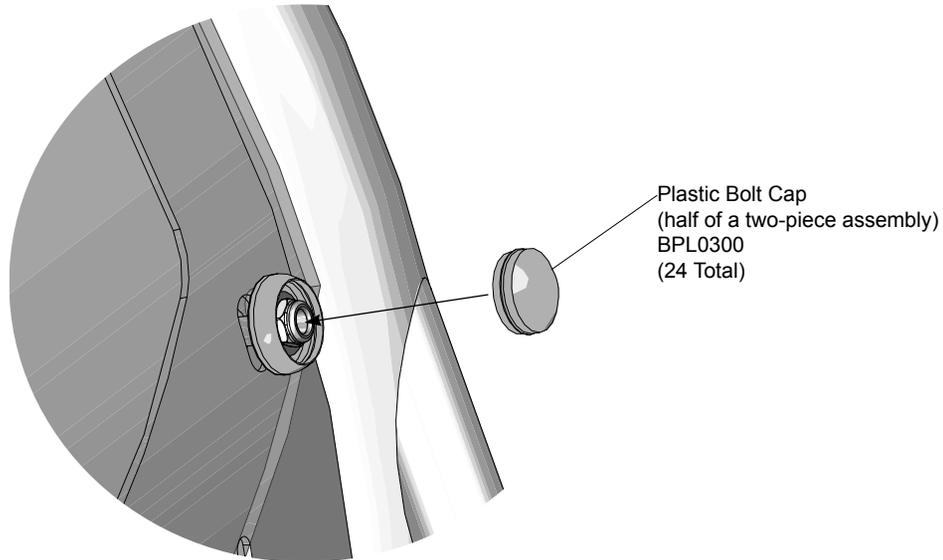
## Detail L Step 14



*Attach the lexan window to the window frame.*

# Installation Instructions

---



**Detail M**

**Step 16**

*Press the plastic bolt cap into the plastic washer..*

# 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 **Support Post, or Surface Mount, Footing Details** on **pages 4 and 5** of this document.

**Step 4:** (*In-Ground Model Only*) Attach the anchor frame to the pivot base. See **Detail A**. Position the anchor frame base plate against the bottom of the pivot base 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:** Attach the see-saw bumpers to the anchor legs or brackets. See **Detail B**. Place a bumper on top of each anchor leg or bracket and align the holes. 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 6:** Assemble the pivot base. See **Detail C**. Insert and center the tie rod through the top of the pivot base. Sandwich the bumpers around the pivot base shaft housing and insert the bushings onto the end of the pivot base as shown.

**Step 7:** Attach the see-saw base frame to the pivot base. See **Detail D**. With adequate help, place the see-saw base frame over the pivot base. Insert a pivot frame into each side of the base frame and over the bushings and bumpers and attach as shown.

**Step 8:** Attach the platform bumpers to the end panels. See **Detail E**. Insert each bumper into the appropriate routed out section of an end panel, 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 9:** Attach the platform panels to see-saw frame. See **Detail F**. Place the panels on the frame and attach as shown.

**Step 10:** Attach the handrail side frames to the bottom of the see-saw base frame. See **Detail G**. Position each side frame onto the see-saw base frame as shown. Apply a drop of thread locking adhesive to the bolt threads and, from underneath, attach the bottom of the base to the side frames through the routed out sections of the panels.

**Step 11:** Attach the handrail side frames to the top of the see-saw base frame. See **Detail H**. Make the connections as shown.

**Step 12:** Attach the edge bumpers to the platform end panels. See **Detail J**. Position each bumper over the end of an end panel and attach as shown. Fully tighten the connections according to tightening torque specifications.

**Step 13:** Attach the window frame to the platform assembly. See **Detail K**. Position the window frame over the top of the side frames and attach as shown through the **five lower slots** on each side of the window frame.

**Step 14:** Attach the lexan window to the window frame. See **Detail L**. Place the window on top of the window frame and attach as shown. Fully tighten the connections according to tightening torque specifications being **careful not to over tighten** to prevent possibly cracking the lexan.

**Final Details.**

**Step 15:** Place the see-saw and the anchor legs, or brackets, into or onto their footings. Plumb and level. 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..

**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.



# Installation Instructions

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**Step 16:** Select plastic caps and press over the plastic flanged washers. See **Detail M.**

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

**Step 17:** For areas complying with ASTM standard F1487 or the CSA Z-614, apply the age appropriate label to the component at eye level.



For Customer Service, Call  
**800-233-8404** or  
**570-522-9800** OUTSIDE U.S.  
1000 Buffalo Road • Lewisburg, PA 17837  
[www.playworld.com](http://www.playworld.com)



**XX0182 - UNITY TEETER TUNNEL**

PART NO.	DESCRIPTION	QTY.
AAU6152	BUMPER - PLATFORM EDGE	2
AAU6153	BUMPER - 7.00" DIA INSERT	2
AAU6156	SEE-SAW BUMPER	2
AFM7999	FAB METAL - 1.029" O.D. x 26.75" w/CRIMPED INSERTS	1
AFR1538	FRAME - BUMPER IN GROUND ANCHOR	2
AFR1559	FRAME - TETTER TUNNEL IN GROUND MOUNT	1
AFR1606	FRAME - TEETER TUNNEL PIVOT BASE	1
AFR1984	FRAME - TEETER TUNNEL HANDRAIL SIDE	2
AFR1985	FRAME - TEETER TUNNEL PLATFORM BASE	1
AFR1986	FRAME - TEETER TUNNEL PIVOT	2
AMC0114	MISC - U-SHAPE x 3" LONG BUMPER	4
AMC0115	BUSHING - 2.25" x 3.545" x 3.545"	2
BAD0085	THREAD LOCKING ADHESIVE	1
BAE0161	NUT - 1/4"-20 x 7/16" BUTTON HEAD	4
BAE0595	WASHER - 3/8" SAE FLAT	56
BAE0600	WASHER - 1" O.D. FLAT	14
BAE0610	NUT - 3/8"-16 THIN LOCK	24
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	8
BAE0659	BOLT - 3/8"-16 x .75" BUTTON HEAD - SS	38
BAE0663	NUT - 3/8"-16 x 7/16" BUTTON HEAD	14
BAE0664	BOLT - 3/8"-16 x 1.00" BUTTON HEAD - SS	26
BAE0687	BOLT - 1/2"-13 x 1.50" BUTTON HEAD - SS	6
BAE0690	WASHER - .531" I.D. x 1.250" O.D. x .060" THICK	28
BAE0720	NUT - 1/2"-13 LOCK	14
BAE0900	WRENCH - 5/32" SHORT HEX KEY	1
BAE0922	TOOL - TT 45 L WRENCH	1
BAE01525	BOLT - 1/4"-20 x 1.25" BUTTON HEAD - SS	4
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	4
BAE9066	BOLT - 1/2"-13 x 1-1/4" BUTTON HEAD (GRADE 5)	8
BAE9067	BOLT - 1/2"-13 x 2.50" HEX HEAD (GRADE 5)	8
BAE9068	TOOL - TT 55 L WRENCH	1
BFC6071	SHEET - TETTER TUNNEL END	2
BFC6072	SHEET - TETTER TUNNEL CENTER	1
BFC6073	SHEET - TEETER TUNNEL LEXAN	1
BPL0300	CAP - 3/8" BOLT	24
BPM0363	SHEET - TEETER TUNNEL PERF (WINDOW)	1
ALB0025	LABEL - AGE APPROPRIATE SHEET	1

**XX0182S - UNITY TEETER TUNNEL SURFACE MOUNT**

PART NO.	DESCRIPTION	QTY.
AAU6152	BUMPER - PLATFORM EDGE	2
AAU6153	BUMPER - 7.00" DIA INSERT	2
AAU6156	SEE-SAW BUMPER	2
ABC0906	BRACKET - BUMPER MOUNT (SM)	2
AFM7999	FAB METAL - 1.029" O.D. x 26.75" w/CRIMPED INSERTS	1
AFR1606	FRAME - TEETER TUNNEL PIVOT BASE	1
AFR1984	FRAME - TEETER TUNNEL HANDRAIL SIDE	2
AFR1985	FRAME - TEETER TUNNEL PLATFORM BASE	1
AFR1986	FRAME - TEETER TUNNEL PIVOT	2
AMC0114	MISC - U-SHAPE x 3" LONG BUMPER	4
AMC0115	BUSHING - 2.25" x 3.545" x 3.545"	2
BAD0085	THREAD LOCKING ADHESIVE	1
BAE0161	NUT - 1/4"-20 x 7/16" BUTTON HEAD	4
BAE0595	WASHER - 3/8" SAE FLAT	56
BAE0600	WASHER - 1" O.D. FLAT	14
BAE0610	NUT - 3/8"-16 THIN LOCK	24
BAE0632	NUT - 3/8"-16 x 1.25 BARREL w/PATCH	8
BAE0659	BOLT - 3/8"-16 x .75" BUTTON HEAD - SS	38
BAE0663	NUT - 3/8"-16 x 7/16" BUTTON HEAD	14
BAE0664	BOLT - 3/8"-16 x 1.00" BUTTON HEAD - SS	26
BAE0690	WASHER - .531" I.D. x 1.250" O.D. x .060" THICK	16
BAE0720	NUT - 1/2"-13 LOCK	8
BAE0900	WRENCH - 5/32" SHORT HEX KEY	1
BAE0922	TOOL - TT 45 L WRENCH	1
BAE01525	BOLT - 1/4"-20 x 1.25" BUTTON HEAD - SS	4
BAE06645	BOLT - 3/8"-16 x 1.50" BUTTON HEAD - SS	4
BAE9066	BOLT - 1/2"-13 x 1-1/4" BUTTON HEAD (GRADE 5)	8
BAE9067	BOLT - 1/2"-13 x 2.50" HEX HEAD (GRADE 5)	8
BAE9068	TOOL - TT 55 L WRENCH	1
BFC6071	SHEET - TETTER TUNNEL END	2
BFC6072	SHEET - TETTER TUNNEL CENTER	1
BFC6073	SHEET - TEETER TUNNEL LEXAN	1
BPL0300	CAP - 3/8" BOLT	24
BPM0363	SHEET - TEETER TUNNEL PERF (WINDOW)	1
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.

### Plastic Parts

- Inspect all plastic surfaces for sharp points, cracks or jagged edges. If any damage is detected and is determined to be unsafe, barricade equipment to prevent use until repair is completed. Minor burrs or sharp edges may be removed by using a sharp utility knife or block plane to remove sharp burr.

### 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.  
To repair the Eco-Armor® coating, contact the Playworld Systems' Customer Service Department for a coating repair touch-up kit.

### 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.

### Footings

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

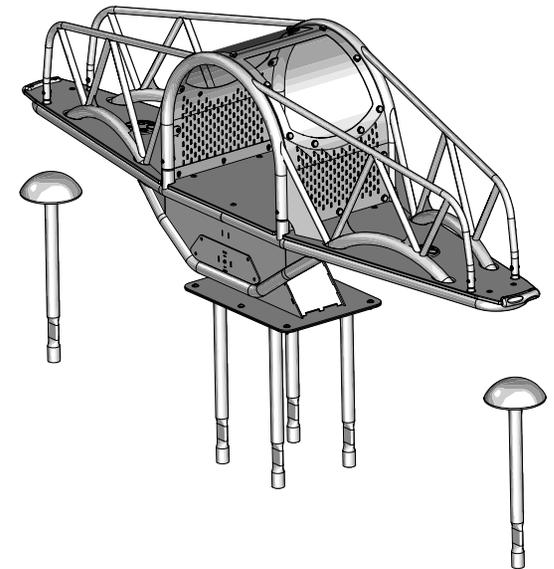
### Surfacing

- 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 XX0182 and XX0182S Unity Teeter Tunnel




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.playworld.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.

Inspect plastic parts 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			

<b>Inspection Codes</b>
<b>P</b> = Pass <b>F</b> = Fail
<b>NA</b> = Not Applicable

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


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

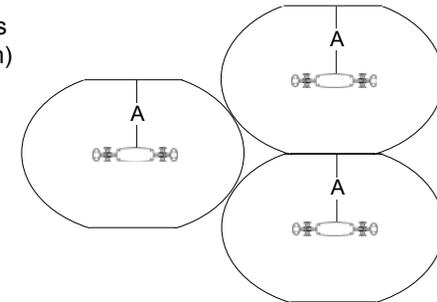


**Important ! Please Read Completely Before Beginning Installation.** According to a report published by the U. S. Consumer Product Safety Commission (C.P.S.C.) 72% of all playground injuries result from accidental falls. With this in mind, this equipment is designed to fill the need for safe yet challenging 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.
- Refer to your playground equipment plan and footing diagram to assure the equipment purchased will fit into your selected site area. The use and no-encroachment zones around the play equipment shall be obstacle-free areas designated for unrestricted circulation.
- **ASTM compliance:** For rocking/springing equipment intended for standing, the use zone should extend on all sides a minimum distance of 84 inches (2134 mm). This use zone may not be overlapped by the use zones of adjacent play equipment. See diagram.
- **CSA compliance:** For rocking/springing equipment intended for standing, the use zone should extend on all sides a minimum distance of 2100 mm. This use zone may not be overlapped by the use zones of adjacent play equipment. See diagram.
- **EN Compliance:** For rocking/springing equipment intended for standing, the use zone should extend on all sides a minimum distance of 1000 mm.
- 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.

Rocking/Springing Equipment  
Intended for Standing Use Zones  
**A =** ASTM: 84 in. (2134 mm)  
CSA: 2100 mm  
EN: 1000 mm



Placement of multiple rocking/springing equipment intended for standing

- 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 unit is washed off before it dries. Allow concrete to harden 72 hours before allowing your structure to be used. **Assemble the entire structure before pouring concrete unless specifically instructed to do so in the installation instructions.**
- Insure that Age Appropriate and Hard Surface Warning/Playworld Systems identification labels are properly affixed to the play equipment. Labels are to be plainly visible according to current playground equipment guidelines.

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- **IMPORTANT!** Because accidental falls around your playground equipment can occur, Playworld Systems recommends that the area under and around the structure be covered with a resilient material such as sand, bark mulch, or wood chips. If loose fill surfacing materials are used, Playworld Systems recommends a depth of 12 in. (305 mm). An approved rubber safety matting can also be used. **Many protective surfacing materials can become compacted due to weather and use, which reduces their shock absorbency. It is strongly recommended that the surfacing be checked weekly and material added or replaced as necessary. Hard surfaces, such as asphalt, concrete and packed earth are not acceptable for use under playground equipment.**

- The entire area, under and around the playground equipment, must be covered with protective surfacing material. The impact attenuation of the protective surfacing under and around playground equipment should be rated to have a critical height value of at least the height of the highest accessible part of the equipment. The critical height for surfacing is to be rated in accordance with A.S.T.M. standard, designated F1292, A Standard Specification for Impact Attenuation of Surface Systems Under and Around Playground Equipment. Contact the manufacturer of unitary surfacing materials (rubber matting) for the critical height rating for their products.

**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**

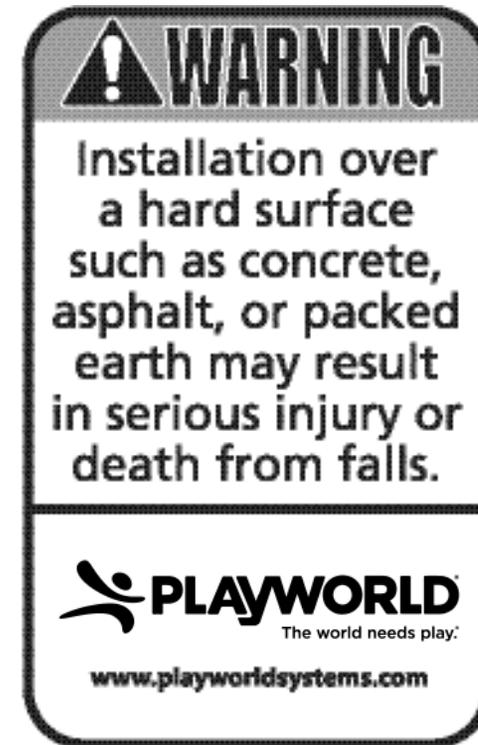
- Inadequate maintenance of equipment has resulted in injuries on the playground. Because the safety of playground equipment and its stability depends on good inspection and maintenance, **a comprehensive maintenance program must be developed for each playground and strictly followed.** All equipment 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 to 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.

## FINAL INSPECTION

- Playworld Systems® insists on the installation of protective surfacing within the use zone of each play structure in accordance with the applicable standard or specifications appropriate for the fall height of each structure.
- 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.
  - Double check height dimensions. Height measurements are taken from the top of the protective surfacing material.
  - 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.
  - Insure that protective surfacing is properly installed according to C.P.S.C. (or other appropriate body) recommendations. Footings must not be exposed.
- Insure that hard surface warning/Playworld Systems® identification labels are properly affixed to the play equipment. Labels are to be plainly visible according to current playground equipment guidelines. For locations complying with ASTM F1487 or CSA Z-614, Age Appropriate labels must also be applied in a visible location.
- 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.



Surfacing Warning Label