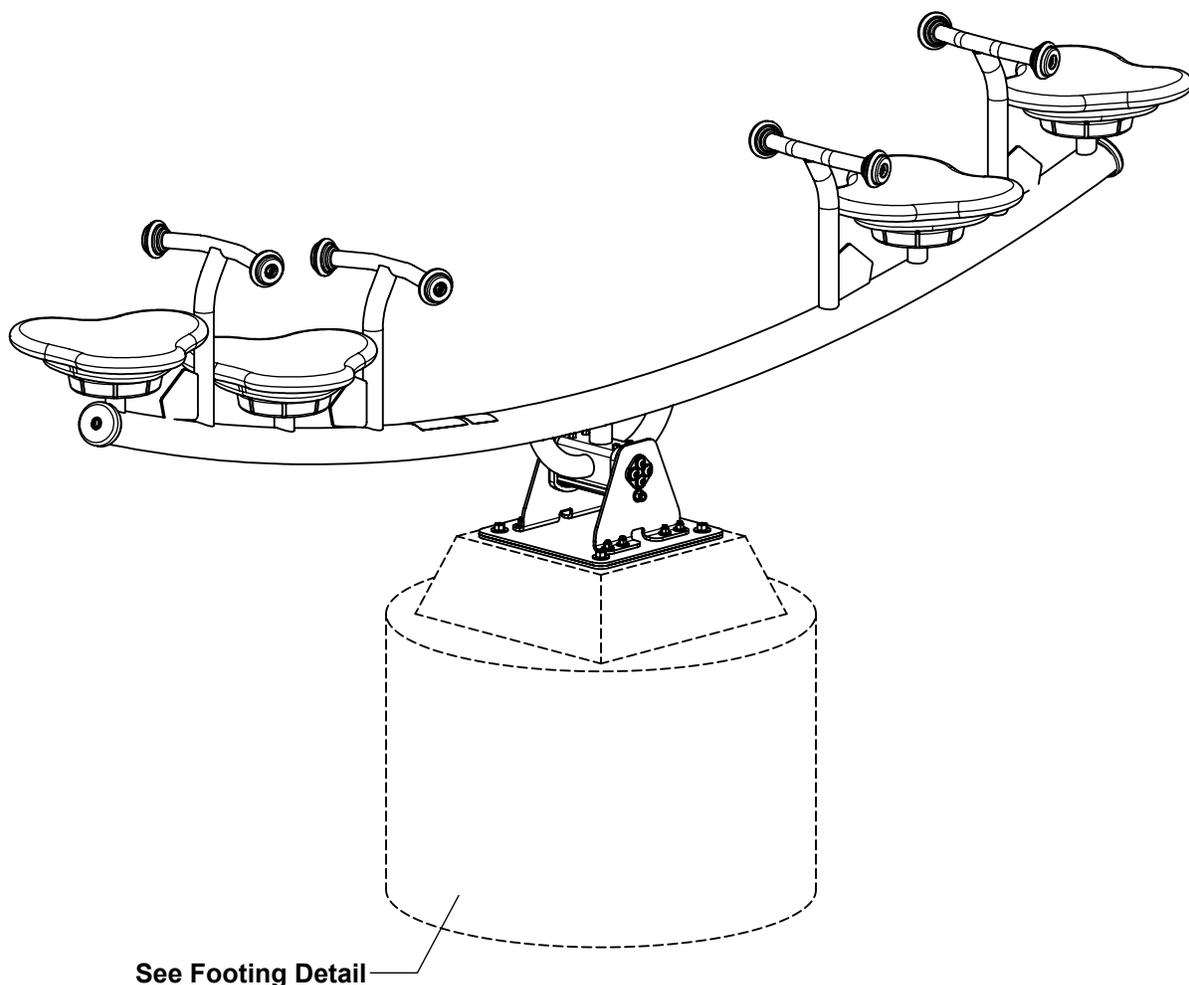


## IMPORTANT NOTES: Read First

- (A) Use liquid thread lock (such as Loctite<sup>®</sup>) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.
- (B) Do not pour concrete until the equipment is completely assembled, leveled and plumbed. Concrete must be allowed to cure completely before using the equipment (at least 72 hours).
- (C) All bolt threads protruding beyond the nut must be cut and de-burred until end is smooth to the touch. Sharp edges and/or points of any kind must be eliminated. A maximum of two threads may be exposed beyond the end of the nut.
- (D) An appropriate energy absorbing safety surface is required under and around all playground equipment. Loose fill protective surfacing is shown only as an example for the purpose of this assembly instruction. Other surfacing material may vary in thickness and/or compression depths. See free publication - The Handbook for Public Playground Safety, Publication #325 at [www.cpsc.gov](http://www.cpsc.gov) for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

**FIGURE 1**  
4-Seat Seesaw



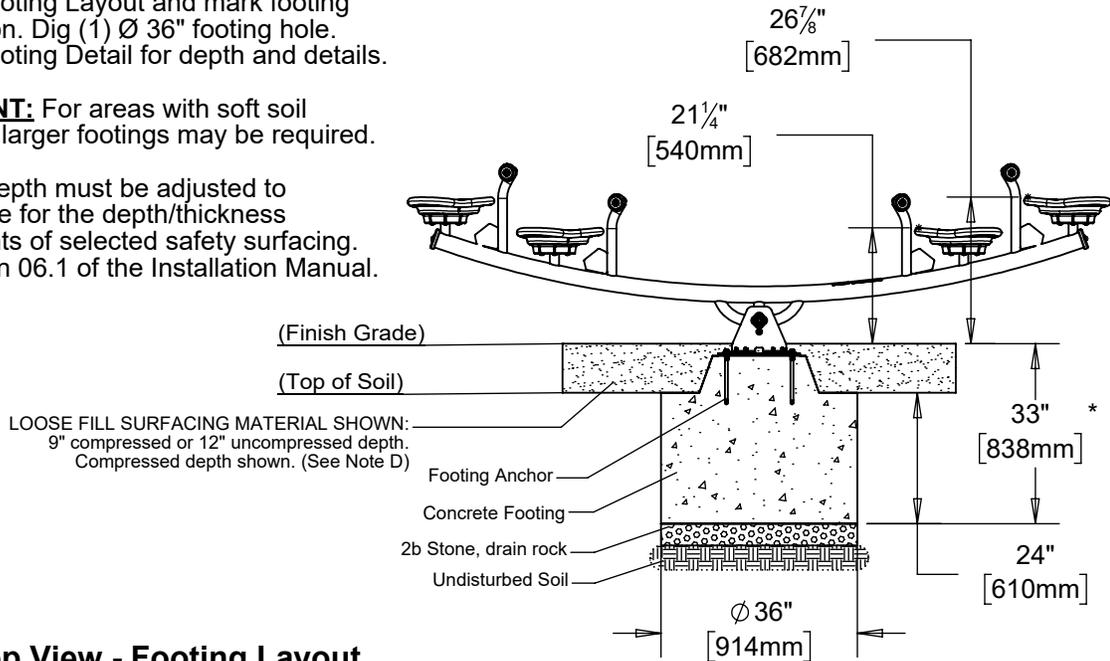
# Step 1

## Footing Detail

Refer to Footing Layout and mark footing hole location. Dig (1) Ø 36" footing hole. Refer to Footing Detail for depth and details.

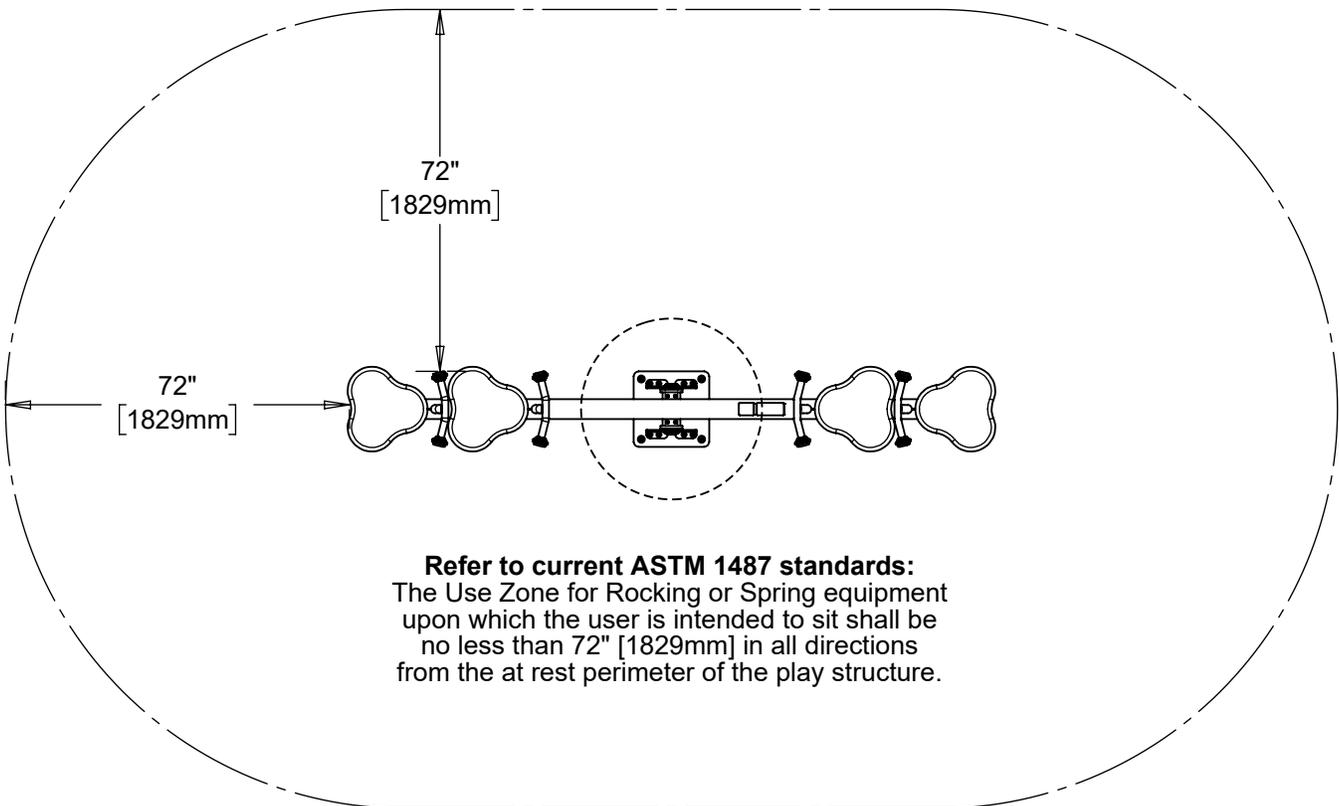
**IMPORTANT:** For areas with soft soil conditions, larger footings may be required.

\* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.



## Top View - Footing Layout

72" [1829mm] Use Zone Recommended

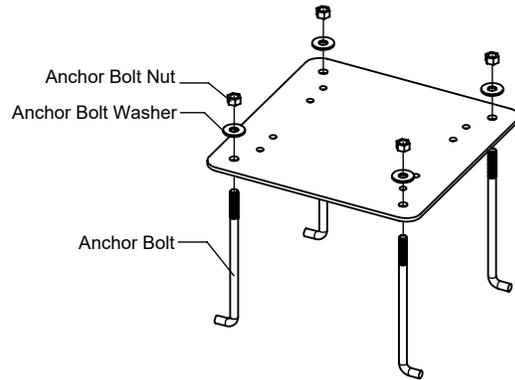


**Refer to current ASTM 1487 standards:**  
 The Use Zone for Rocking or Spring equipment upon which the user is intended to sit shall be no less than 72" [1829mm] in all directions from the at rest perimeter of the play structure.

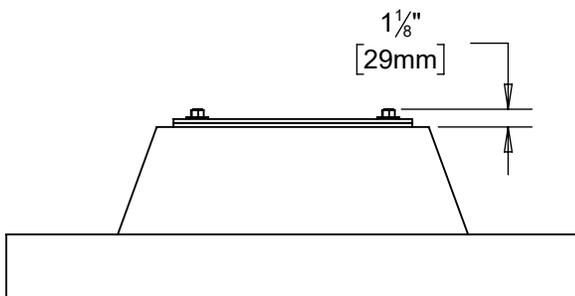
## Step 2

Use the Base Plate to create a plywood template for the placement of the anchor bolts. Attach anchor bolts to template as shown in Figure 2.

**NOTE:** Plywood not supplied.



**FIGURE 2**



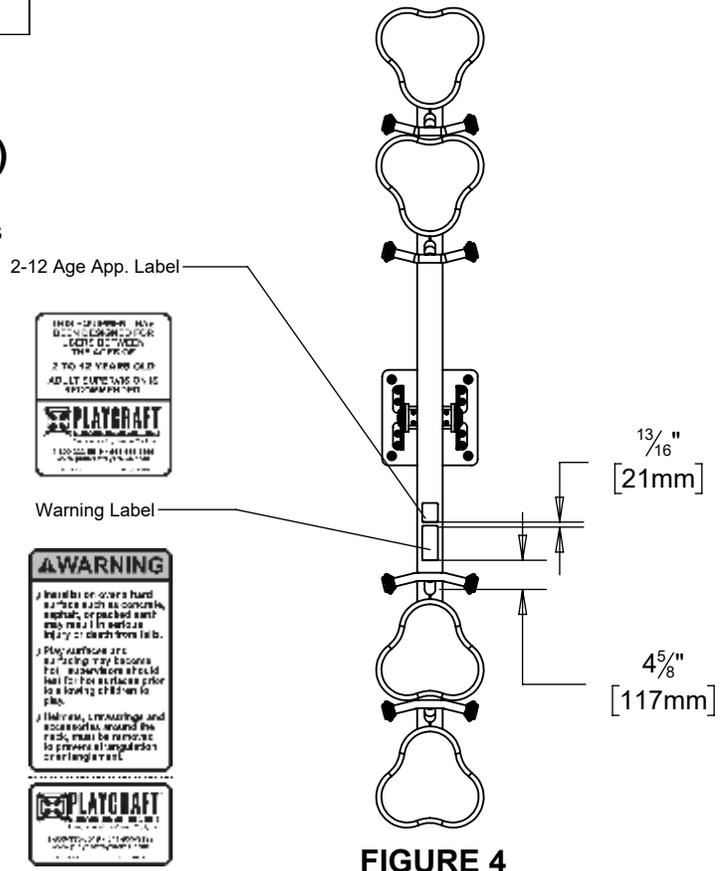
**FIGURE 3**

## Step 3

Pour concrete footing and level template on surface. Orient and set anchor bolts in concrete as shown in footing detail. Allow approximately 1-1/8" [29mm] of thread to protrude from the concrete as shown in Figure 3. Allow 72 hours to cure before proceeding to next step. (See Note B)

## Step 4 (Factory Assembled)

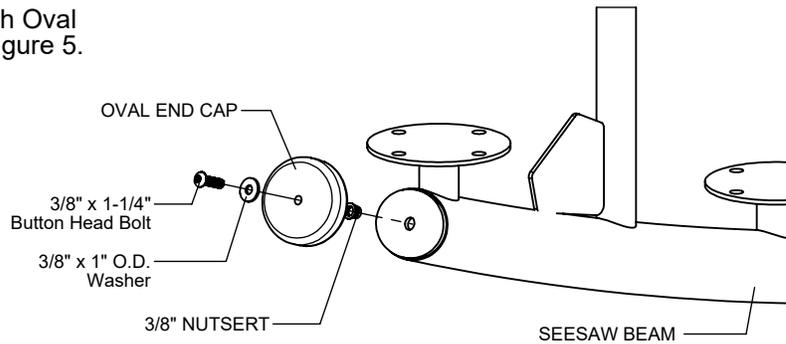
Apply 4-Seat Seesaw Warning Label and 2-12 Age Appropriate Label where visible to users as shown in Figure 4.



**FIGURE 4**

## Step 5 (Factory Assembled)

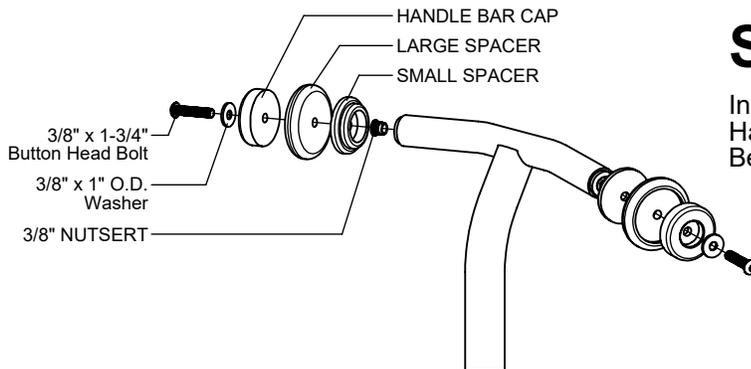
Install Nutserts to Seesaw Beam and attach Oval End Caps to Seesaw Beam as shown in Figure 5. (See Note A)



**FIGURE 5**

## Step 6 (Factory Assembled)

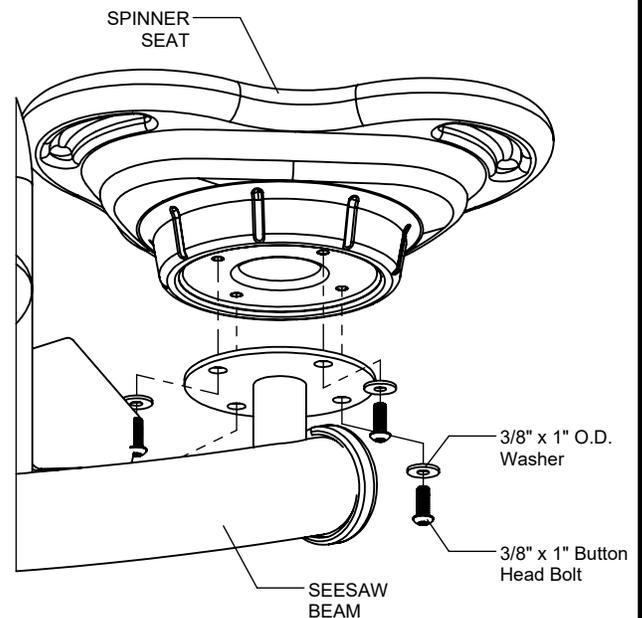
Install Nutserts to Seesaw Beam and attach Handle Bar Caps and Spacers to Seesaw Beam as shown in Figure 6. (See Note A)



**FIGURE 6**

## Step 7 (Factory Assembled)

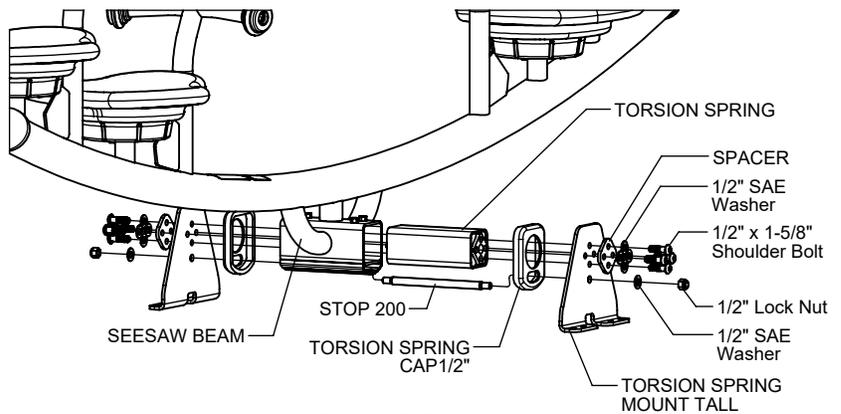
Attach Seats to Seesaw Beam as shown in Figure 7. (See Note A)



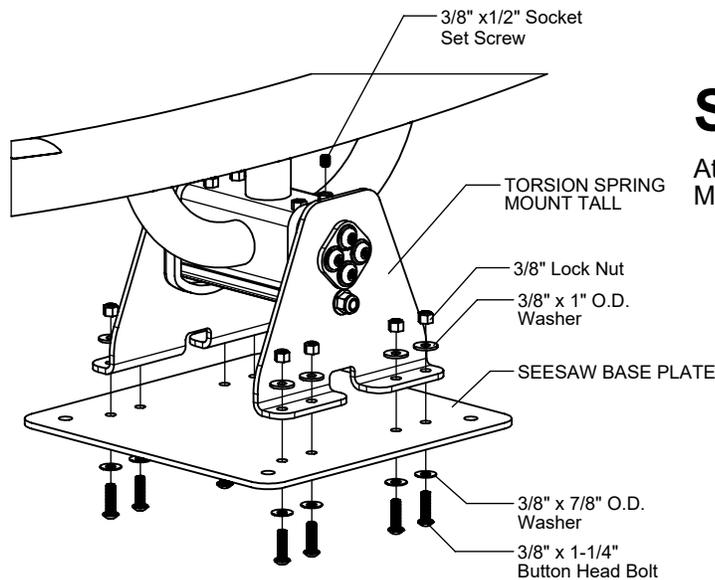
**FIGURE 7**

## Step 8 (Factory Assembled)

Attach Torsion Spring, Caps, and Mounts to Seesaw Beam as shown in Figure 8. (See Note A)



**FIGURE 8**



**FIGURE 9**

## Step 9 (Factory Assembled)

Attach Seesaw Base Plate to Torsion Spring Mounts as shown in Figure 9. (See Note A)

## Step 10

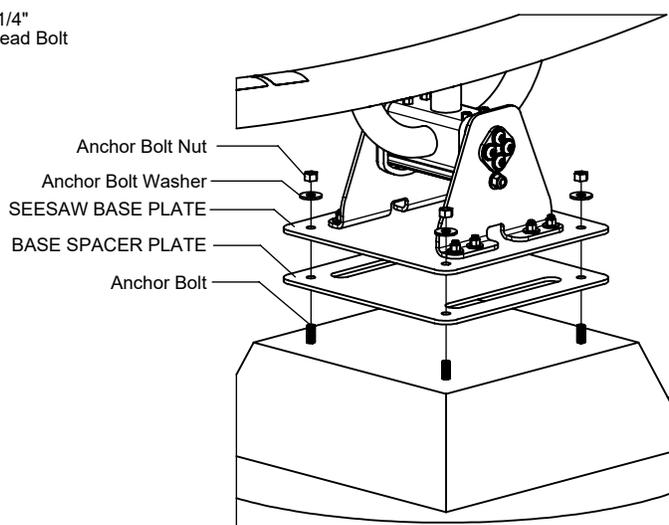
Attach Seesaw Base Plate and Base Spacer Plate to concrete footing as shown in Figure 10. (See Notes A & C)

## Step 11

Fully tighten all fasteners according to the "TIGHTENING TORQUE FOR HARDWARE" section of the Installation Manual.

## Step 12

Place required protective surfacing under and around 4-Seat Seesaw. (See Note D)



**FIGURE 10**

# 4-SEAT SEESAW INSTALLATION INSTRUCTIONS

**PC-1922**  
Page 6 of 6

## Parts List

Part #	DESCRIPTION	QTY.
AE-0332	2-Seat Seesaw Base Spacer Plate	1
9175393	Bolt Anchor 1/2" x 9-1/2" w/ Washer and Nut	4

## Assembled Parts List

Part #	DESCRIPTION	QTY.
AE-0327	2-Seat Seesaw Base Plate	1
AE-0945	Torsion Spring Mount Tall Spacer	2
BE-0944	Torsion Spring Mount Tall - Seesaw	2
DE-4782	Spinner Seat	4
EE-0103	DRA-50 Torsion Spring Cap	2
EE-0160	3 X 4 Oval End Cap	2
EE-0161	Seesaw Handle Bar Cap	8
EE-0161-LS	Seesaw Handle Bar Large Spacer	8
EE-0161-SS	Seesaw Handle Bar Small Spacer	8
FS-PC1922	4 Seat Seesaw Beam Weldment	1
HE-0005	50 x 200 Torsion Spring	1
IE-0012	Tidal Wave Stop 200	1
372011	ASTM 2-12 Age App. Label	1
372016	Warning Label	1
455110	Nutsert 3/8 x .690	10
9103052-TR	Bolt Button Head 3/8" x 1"	16
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	10
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	8
9145072-5-TR	1/2" x 1-5/8" Shoulder Bolt	8
9263012-TR	3/8" x 1/2" Socket Set Screw	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	34
9333042	Washer Flat 3/8" x 7/8" O.D.	8
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	8
9415132	Nut Lock 1/2"	2

## Specifications

### 4-SEAT SEESAW BEAM WELDMENT:

Shall be fabricated using 3.5" O.D. 11 gauge steel tubing, 1.900" O.D. 11 gauge steel beam gusset and handle posts, 1.315" O.D 12 gauge steel handle bars, 3.5" square tubing torsion spring housing, 3/16" thick steel plates, and 10 gauge steel torsion spring shroud and will have a multi-stage baked-on powder coat finish.

### TORSION SPRING MOUNT TALL SPACER, TORSION SPRING MOUNT, 2-SEAT SEESAW BASE & SPACER PLATE:

Shall be fabricated from 1/4" thick steel and will have a multi-stage baked-on powder coat finish.

### CAPS & SPACERS:

Shall be fabricated from 3/4" UV resistant HDPE.

### SPINNER SEAT:

Shall be fabricated from UV-stabilized, Roto-Molded LDPE with a 1/4" wall thickness.

### TORSION SPRING CAP:

Shall be made from 3/4" thick ultra high molecular weight polyethylene specially formulated for optimum UV resistance.

### HARDWARE:

Shall be fabricated from stainless steel, zinc/nickel plated or galvanized to resist rust and corrosion.

## Maintenance

Periodically tighten all screws, bolts and nuts. A periodic inspection of all parts is necessary. If a part is broken or worn, replace immediately. For general maintenance please refer to our Playground Maintenance Manual.



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