

IMPORTANT NOTES: Read First

(A) Use liquid thread lock (such as Loctite®) 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.

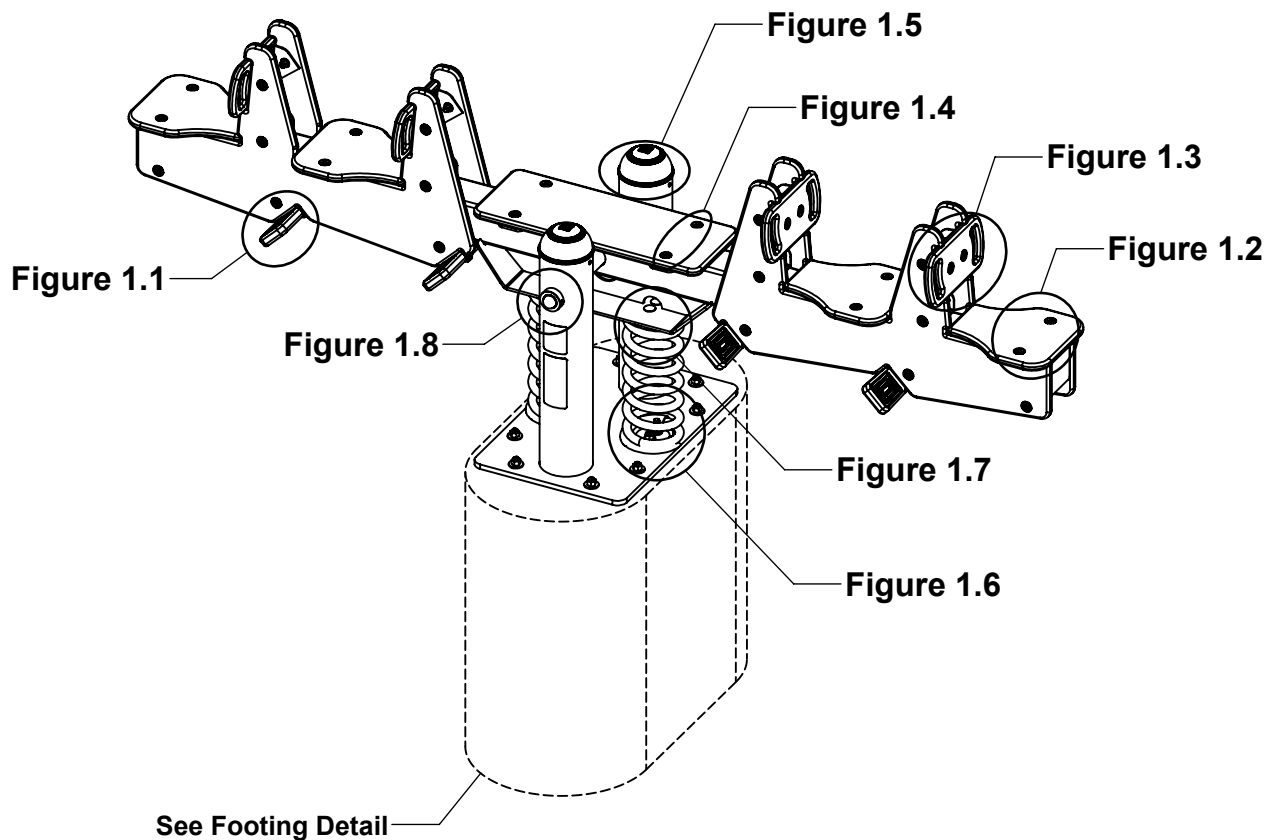
(B) Do not pour concrete until the equipment is completely assembled, leveled and plumbed. Concrete must be allowed to cure completely before using the equipment (at least 72 hours).

(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) This component has been designed for use by children ages 2-12 years of age and has a maximum capacity of (4) users. Adult supervision is recommended.

(E) 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 for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

FIGURE 1
Spring See-Saw



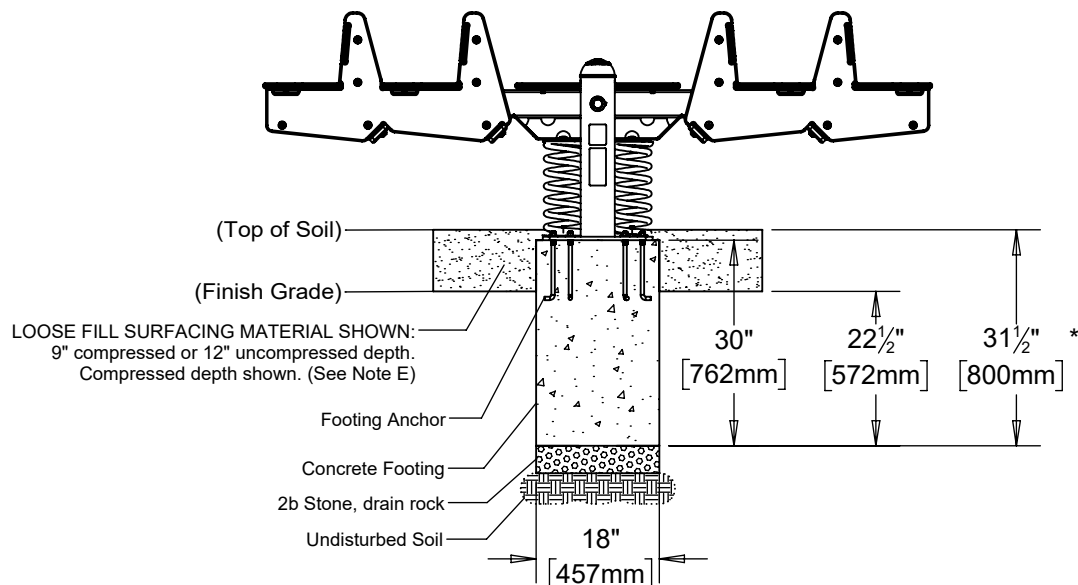
Step 1

Refer to Footing Layout and mark footing hole location. Dig (1) 18" x 36" footing hole. Refer to Footing Detail for depth and details.

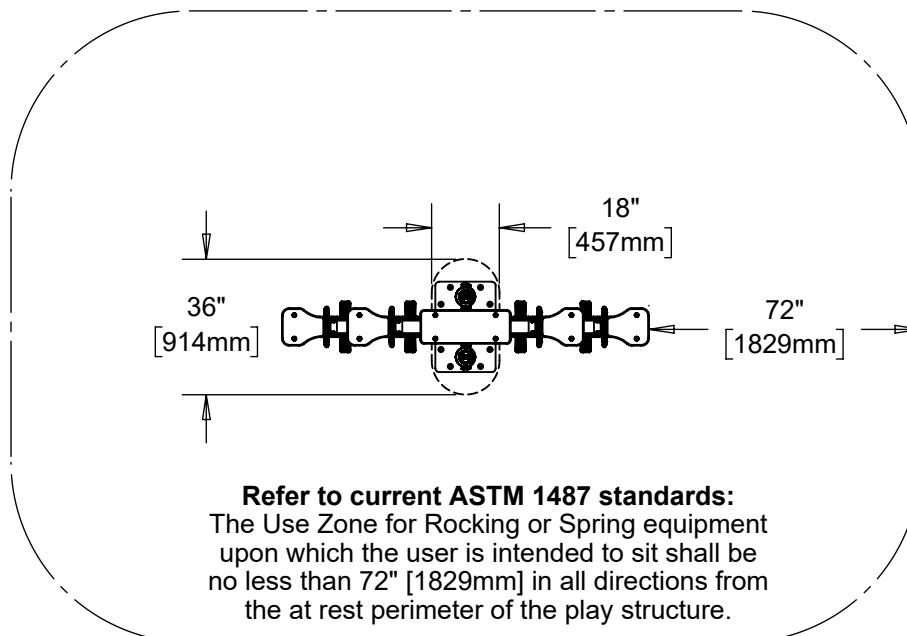
IMPORTANT: For areas with soft soil conditions, larger footings may be required.

* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual. Ensure mounting hardware is accessible for routine maintenance.

Elevation View - Footing Detail



Top View - Footing Layout



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.

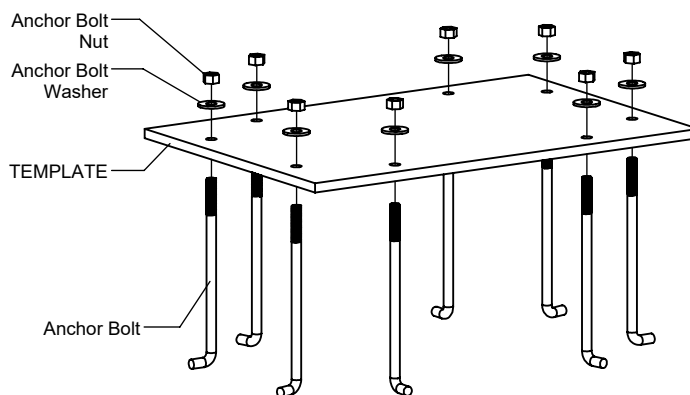


FIGURE 2

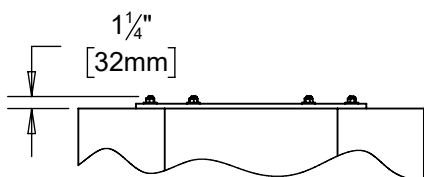


FIGURE 3

Step 3

Pour concrete footing and level template on surface. Orient and set anchor bolts in concrete as shown in footing detail. Allow approximately 1-1/4" [32mm] 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 the Warning Label & Age Appropriate Label where visible to users as shown in Figure 4.

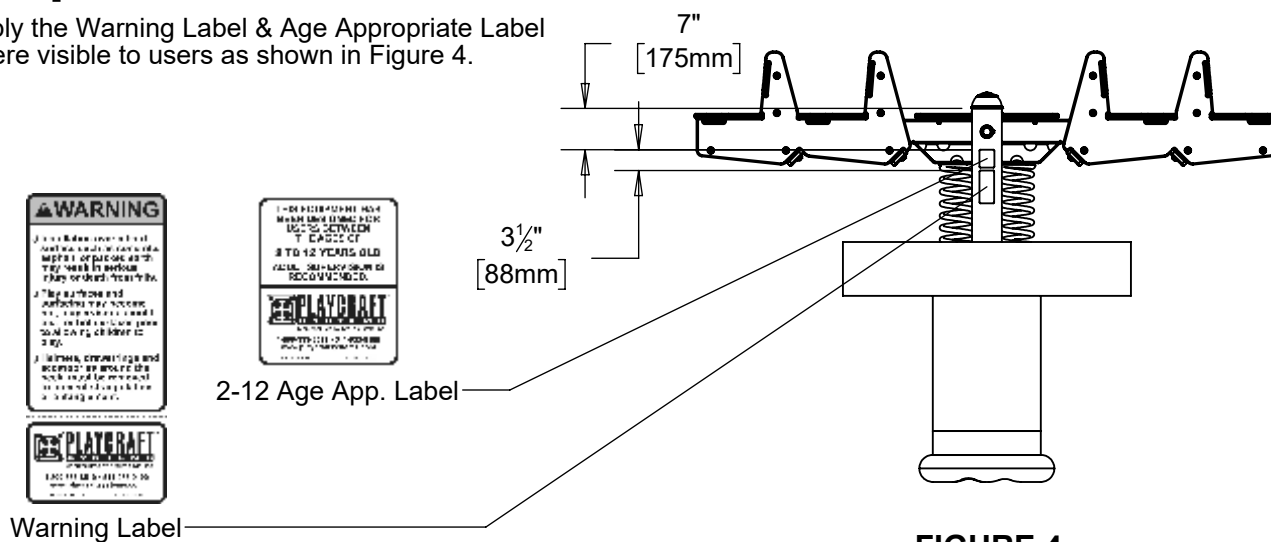


FIGURE 4

Step 5 (Factory Assembled)

Attach See Saw Bodies to See Saw Beam as shown in Figure 5. (See Note A)

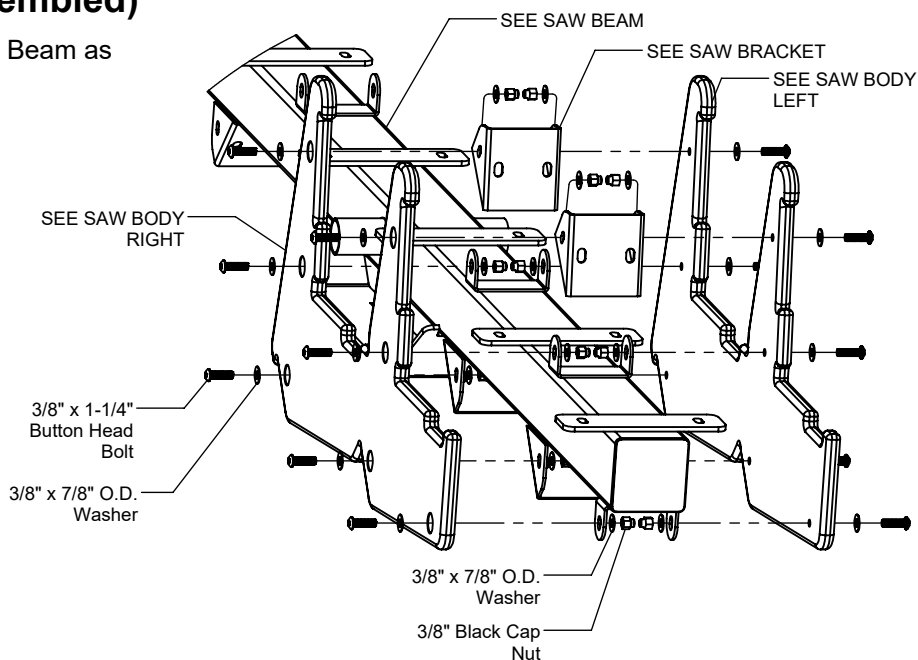


FIGURE 5

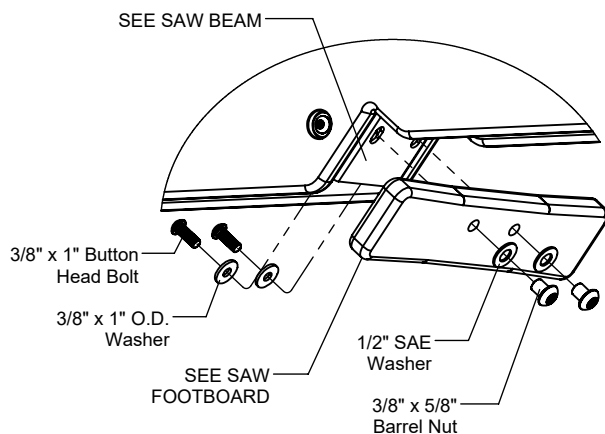


Figure 1.1

Step 6 (Factory Assembled)

Attach See Saw Footboards to See Saw Beam as shown in Figure 1.1. (See Note A)

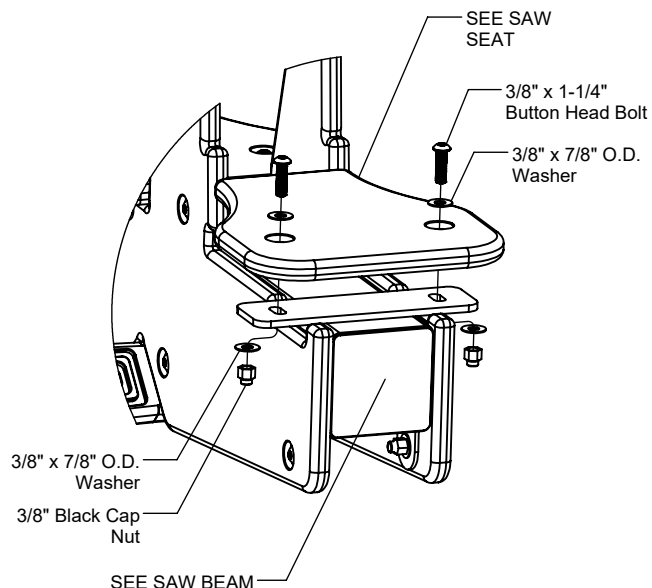


Figure 1.2

Step 7 (Factory Assembled)

Attach See Saw Seats to See Saw Beam as shown in Figure 1.2. (See Note A)

Step 8 (Factory Assembled)

Attach See Saw Handles to See Saw Bracket as shown in Figure 1.3. (See Note A)

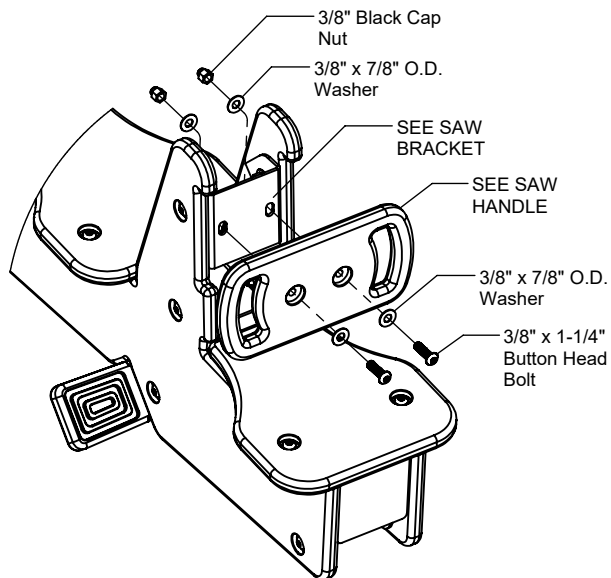


Figure 1.3

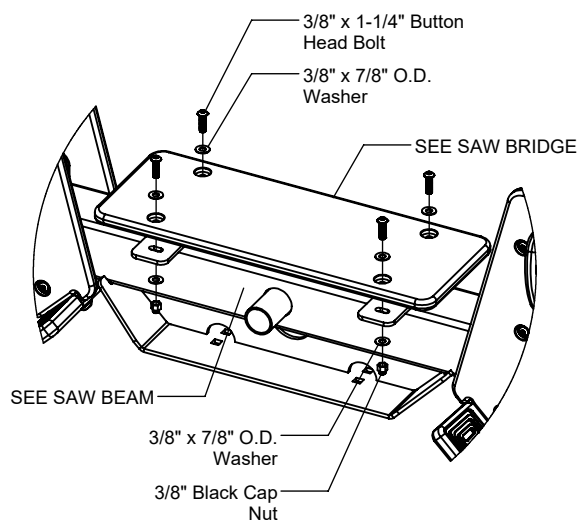


Figure 1.4

Step 9 (Factory Assembled)

Attach See Saw Bridge to See Saw Beam as shown in Figure 1.4. (See Note A)

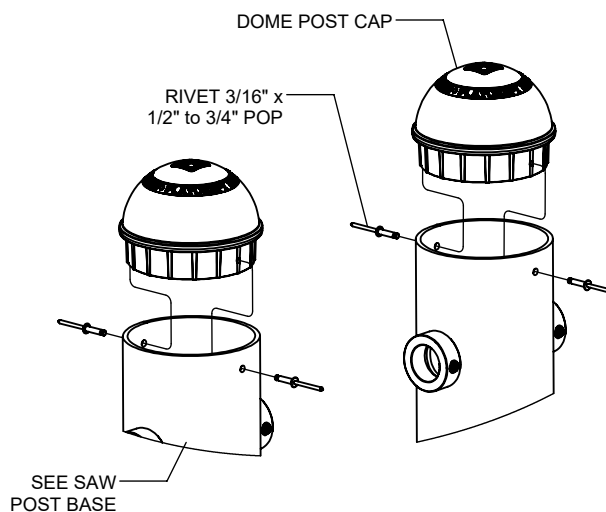


Figure 1.5

Step 10 (Factory Assembled)

Attach Dome Post Cap to See Saw Post Base as shown in Figure 1.5.

Step 11 (Factory Assembled)

Attach Springs to See Saw Post Base as shown in Figure 1.6. (See Note A)

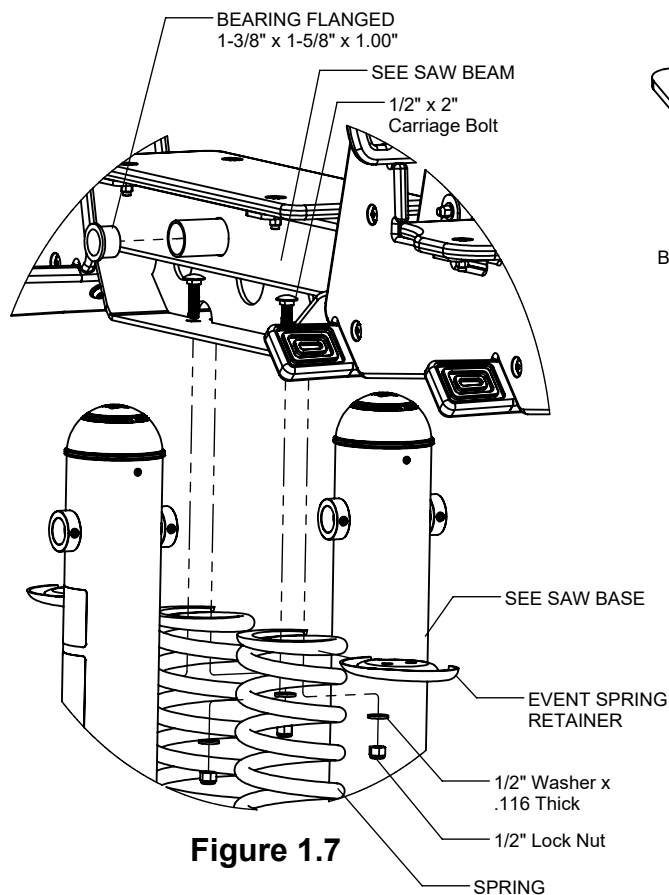


Figure 1.7

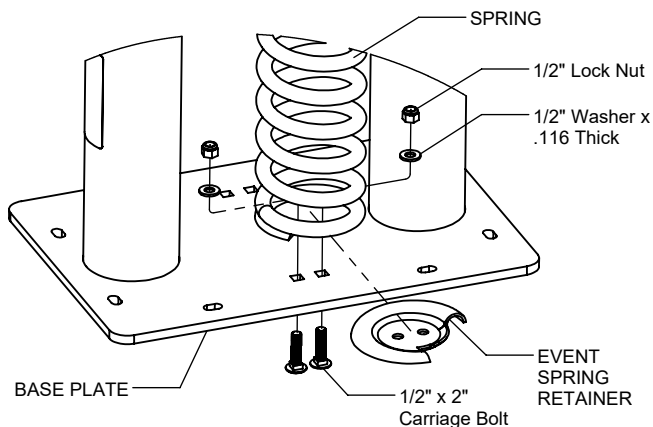


Figure 1.6

Step 12 (Factory Assembled)

Attach Springs to See Saw Beam as shown in Figure 1.7. (See Note A)

Step 13 (Factory Assembled)

Install Pivot Axle and attach End Caps as shown in Figure 1.8.

Step 14

Install assembled Spring See-Saw to anchor bolts using the hardware shown in Figure 2. (See Note A)

Step 15

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

Step 16

Place required protective surfacing under and around Spring See-Saw. (See Note E)

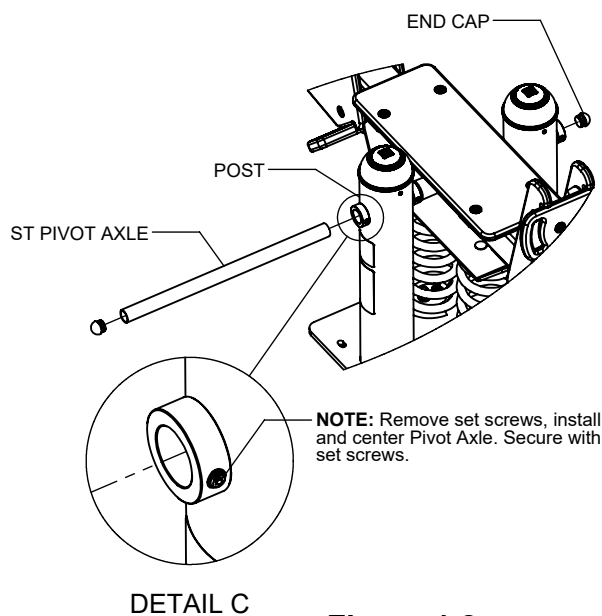


Figure 1.8

SPRING SEE-SAW INSTALLATION INSTRUCTIONS

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Parts List

Part #	DESCRIPTION	QTY
9175393	Bolt Anchor 1/2" x 9-1/2" w/ Washer and Nut	8

Assembled Parts List

Part #	DESCRIPTION	QTY
BE-4495	See Saw Bracket 4 Inch	4
BE-4514	Event Spring Retainer	4
EE-4501-L	See Saw Body Left	2
EE-4501-R	See Saw Body Right	2
EE-4502	See Saw Bridge	1
EE-4503	See Saw Seat	4
EE-4504	See Saw Handle	4
EE-4505	See Saw Footboard	4
FS-PC1920-BEAM	Spring See Saw Beam	1
FS-PC1920-POST	ST Post Base	1
GF-7002	Post Cap R5 Dome	2
HE-4498	Playground Event Spring	2
IE-0023	Pipe End Cap 1"	2
LE-4509	ST Pivot Axle	1
372011	ASTM 2-12 Age App. Label	1
372016	Warning Label	1
564512	Bearing Flanged 1-3/8 x 1-5/8 x 1.00	2
9103052-TR	Bolt Button Head 3/8" x 1"	8
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	48
9115092	Bolt Carriage 1/2" x 2"	8
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	8
9333042	Washer Flat 3/8" x 7/8" O.D.	96
9335002	Washer Flat 1/2" (.116" thick)	8
9345002	Washer Flat SAE 1/2"	8
9413162-BLK	Nut Lock 3/8" w/ Black Cap	48
9415132	Nut Lock 1/2"	8
9443022-TR	Nut Barrel 3/8" x 5/8" BH	8
9610012	Rivet 3/16" x 1/2" to 3/4" Pop	4

Specifications

POST BASE:

Shall be fabricated using 5.0" O.D. 7 ga T.S., 1/2" thick sheet steel, and 1/4" thick sheet steel and will have a multi-stage baked-on powder coat finish.

SPRING SEE SAW BEAM:

Shall be fabricated using 4" X 4" x .120" square tube, 1.900" O.D. 11 gauge steel tube with welded 1/4" thick steel mounting plate, brackets, gussets, 12ga steel cap and 10 gauge steel brackets and will have a multi-stage baked-on powder coat finish.

PIVOT AXLE:

Shall be fabricated from 11 gauge steel tube and will have a multi-stage baked-on powder coat finish.

SEE SAW BODY COMPONENTS:

Shall be made from high density 3/4" and 1" sheet plastic specially formulated for optimum UV stability and color retention.

PLAYGROUND EVENT SPRING:

Shall be 5-3/4" O.D. with a free height of 14" and will have a multi-stage baked-on powder coat finish.

EVENT SPRING RETAINER:

Shall be fabricated using precision cut and formed 1/8" thick sheet steel and will have a multi-stage baked-on powder coat finish.

SEE SAW BRACKET:

Shall be fabricated from 10 gauge steel and will have a multi-stage baked-on powder coat finish.

POST CAP R5 DOME:

Shall be precision die-cast from a high-strength aluminum alloy.

PIPE END CAP:

Shall be fabricated from 1-3/8" OD black acetel copolymer rod.

HARDWARE:

Shall be stainless steel, zinc/nickel plated or galvanized as required 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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800.333.8519 (U.S.A.) or 541.955.9199 (International)

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