

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) Refer to Installation Manual for PC-2181 Single Post Swing Assembly, PC-2120 Arch Swing Assembly R5, and PC-2123 Arch Swing Assembly R3.5 installation instructions.

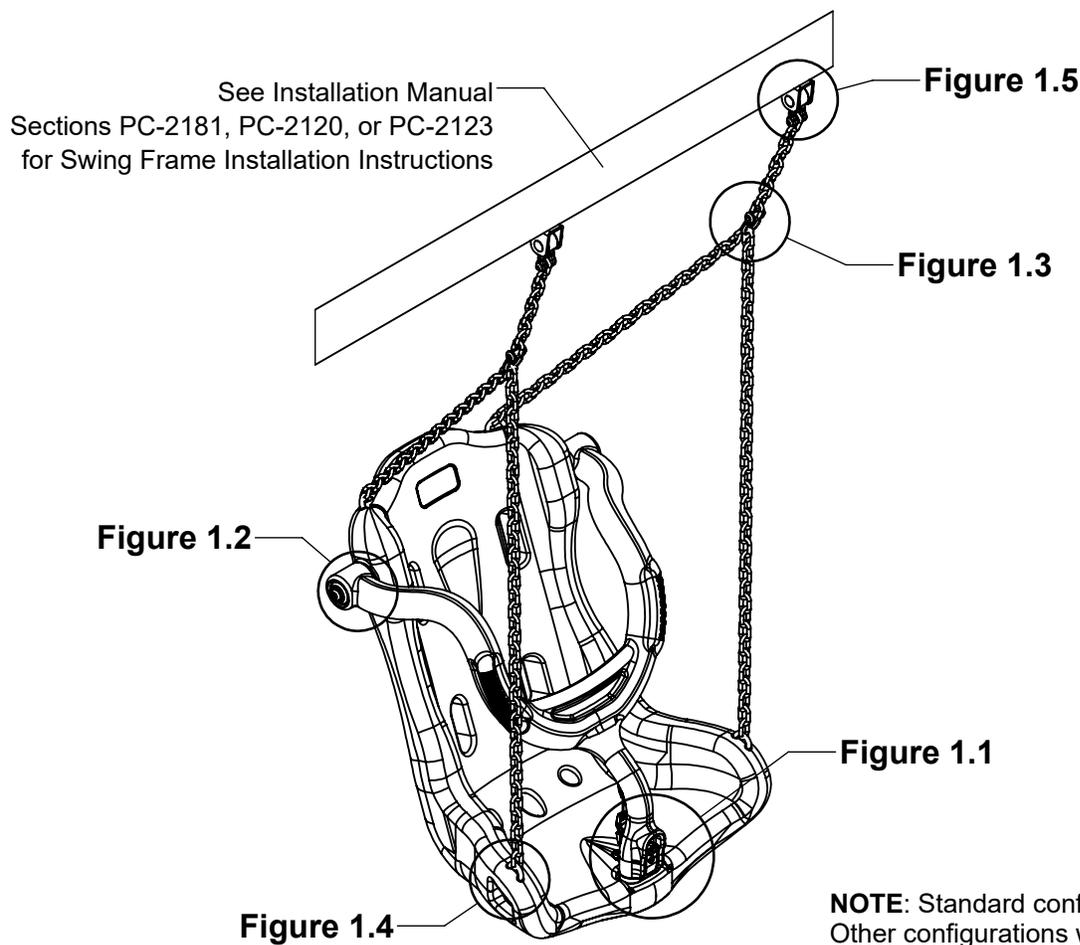
(C) Refer to CPSC for appropriate swing spacing.

(D) **Important:** Do not modify hanging position of ADA swings. (e.g. shortening chain, etc.)

(E) 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.

(F) 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
Inclusive Swing Seat Assembly



Step 1 (Factory Assembled)

Assemble the Harness Latch as shown in Figure 1.1. (See Note A)

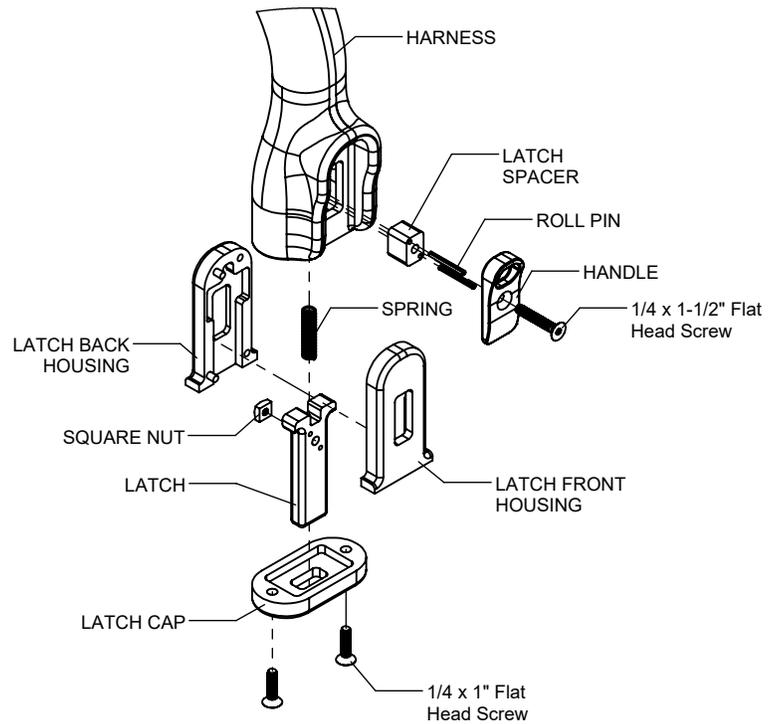


Figure 1.1

Step 2 (Factory Assembled)

Attach Harness to Seat as shown in Figure 1.2. (See Note A)

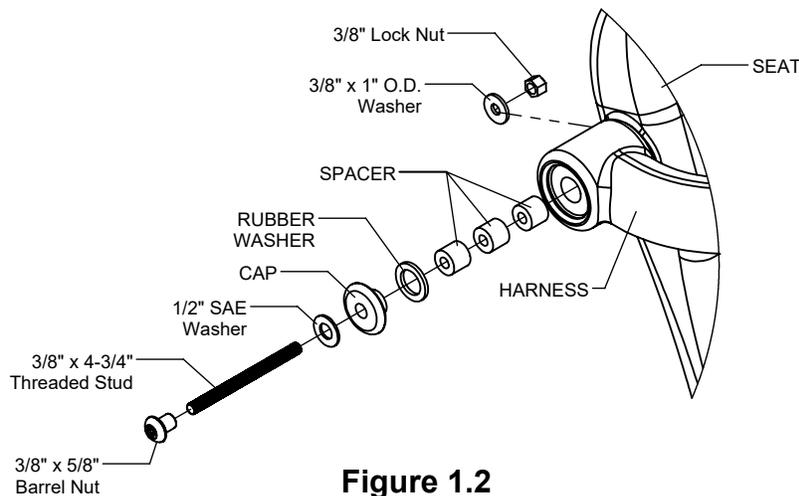


Figure 1.2

Step 3 (Factory Assembled)

Using Strap Template, mark location of Toggle hole as shown in Figure 2.

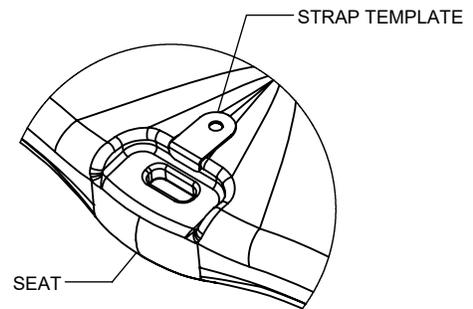


FIGURE 2

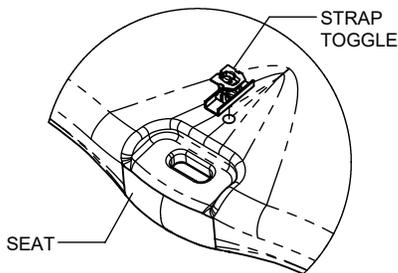


FIGURE 3

Step 4 (Factory Assembled)

Drill $\phi 1/2"$ [13mm] and install Toggle Strap to Seat as shown in Figure 3.

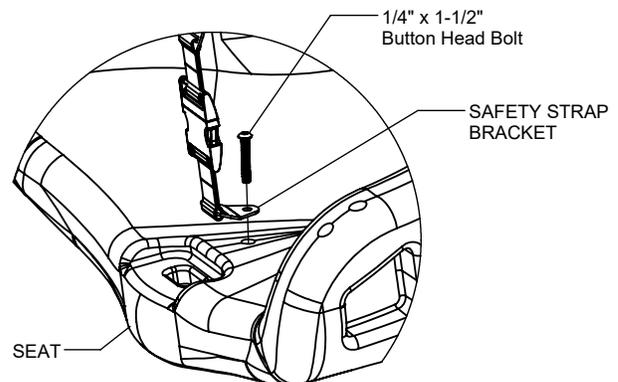


FIGURE 4

Step 5 (Factory Assembled)

Attach Safety Strap to Seat as shown in Figure 4.

NOTE: Buckle House is attached to Seat.

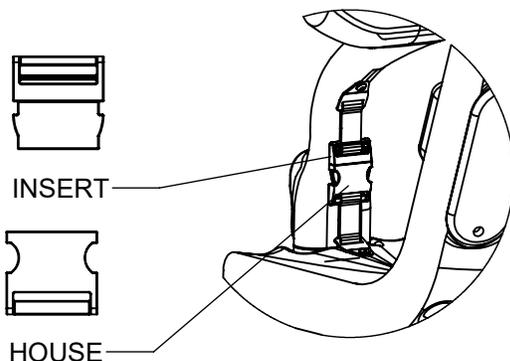


FIGURE 5

Step 6 (Factory Assembled)

Using Safety Strap as a template, mark location of next Toggle hole as shown in Figure 5. Repeat Steps 4 and 5 to attach Buckle Insert to Harness.

Step 7 (Factory Assembled)

Attach Vent Plugs to Seat as shown in Figure 6.
(See Note A)

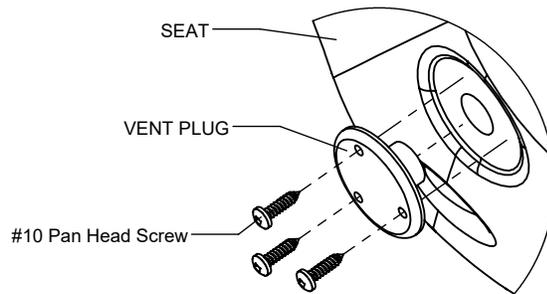


FIGURE 6

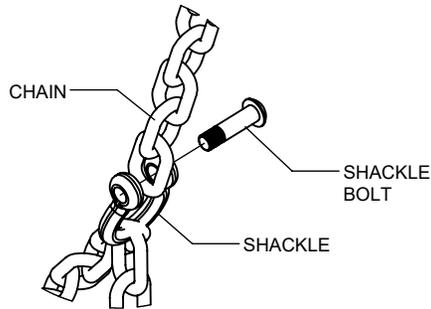


Figure 1.3

Step 8 (Factory Assembled)

Attach Chains together and attach Chains to Seat as shown in Figures 1.3 and 1.4. Refer to Chain Layout for relative chain locations. (See Note A)

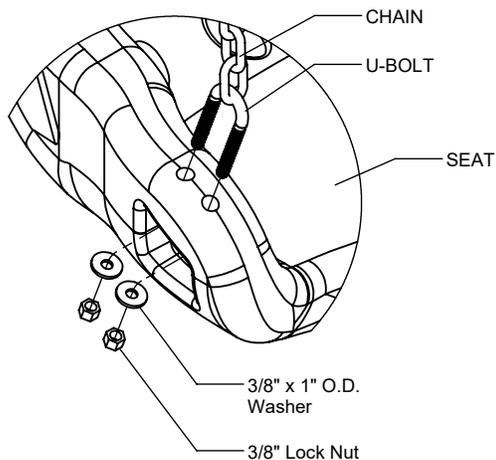
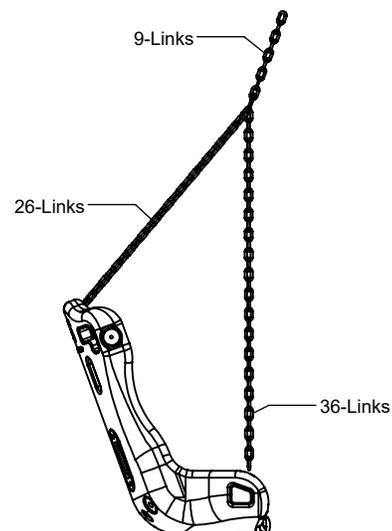


Figure 1.4



Chain Layout

Step 9 (For Standard Version Only)

Attach Chains to Swing Beam as shown in Figure 1.5.
(See Notes A & C)

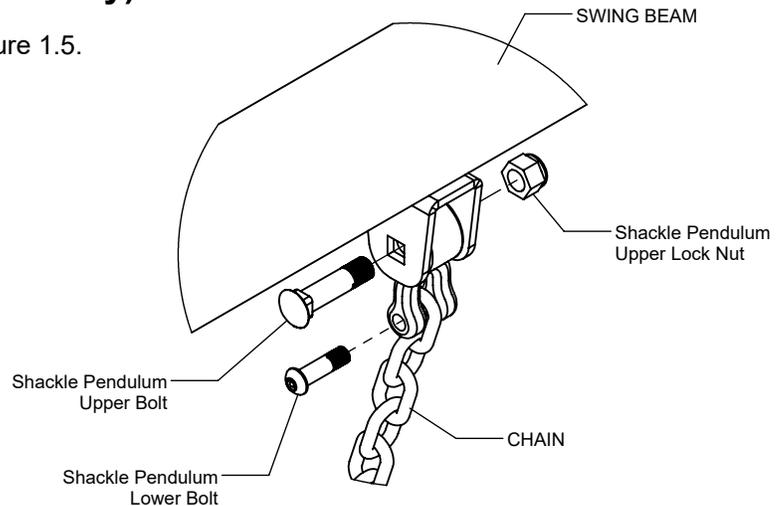


Figure 1.5

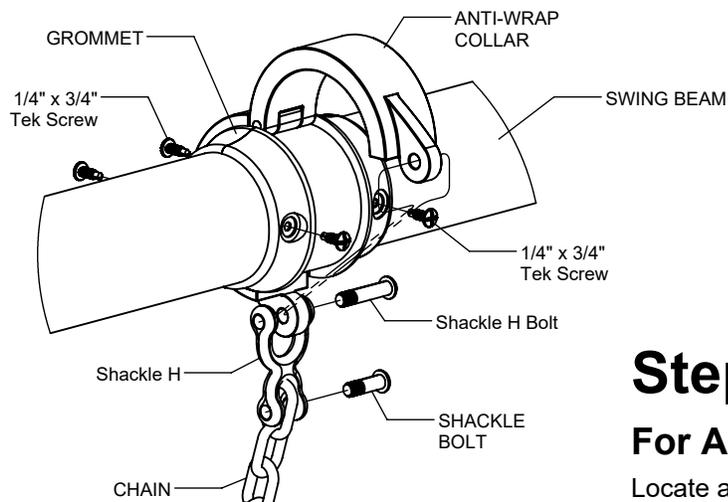


FIGURE 7

Step 10

For Anti Wrap Version Only

Locate and attach Chains to optional Anti Wrap Collars to Beam as shown in Figure 7.
(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 Inclusive Swing Seat Assembly.
(See Note F)

Parts List

STANDARD VERSION		
Part #	DESCRIPTION	QTY
471008	Shackle Pendulum With Bolts	2
-	-	2
ANTI WRAP VERSION		
Part #	DESCRIPTION	QTY
471017	Anti Wrap Collar	2
-	-	2

Assembled Parts List

Part #	DESCRIPTION	QTY
BE-0642	Inclusive Swing Seat Strap Template	1
DE-0020	Inclusive Swing Seat	1
DE-0021	Inclusive Seat Harness	1
EE-0131-C	Inclusive Swing Seat Pivot Cap	2
EE-0131-S	Inclusive Swing Seat Pivot Spacer	6
EE-0132-C	Inclusive Swing Seat Latch Cap	1
EE-0132-HB	Inclusive Swing Seat Latch Back Housing	1
EE-0132-HF	Inclusive Swing Seat Latch Front Housing	1
EE-0132-HND	Inclusive Swing Seat Latch Handle	1
EE-0132-L	Inclusive Swing Seat Latch	1
EE-0132-S	Inclusive Swing Seat Latch Spacer	1
EE-4867	Geo-Wave Vent Plug	2
HE-0008-9	9-Link Galvanized Chain	2
HE-0008-26	26-Link Galvanized Chain	2
HE-0008-36	36-Link Galvanized Chain	2
HE-0054	Inclusive Swing Seat Strap	1
451161-SS	Swing Shackle - Stainless Steel	2
453212	Roll Pin 1/8" x 1-1/4"	2
564003	3/8" O.D. x 1-1/2" Long Compression Spring	1
581201	1-5/16" O.D. x 7/8" I.D. Rubber Washer	2
581385	3/8" x 4-3/4" Threaded Stud	2
9101072-TR	Bolt Button Head 1/4" x 1-1/2"	2
9163012	U-Bolt 3/8" x 1/2"	4
9211052-TR	1/4-20 x 1" Flat Head Screw SS	2
9211072-TR	1/4-20 x 1-1/2" Flat Head Screw SS	1
9251032	Screw SQ #10x3/4 DR PH SMS SS	6
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	10
9345002	Washer Flat SAE 1/2"	2
9413002	Nut Lock 3/8"	10
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2
9491202	1/4-20 Round Top Square Nut	1
9643160	Strap Toggle 3/8"-16	2

NOTE: Refer to instructions
PC-2181 Single Post Swing Assembly,
PC-2120 Arch Swing Assembly R5, or
PC-2123 Arch Swing Assembly R35
for Swing Frame information.

Specifications

INCLUSIVE SWING SEAT & HARNESS:

Shall be constructed of UV-stabilized, rotationally molded, linear, low density polyethylene with an average wall thickness of .250".

PIVOT CAP, PIVOT SPACER, LATCH CAP, LATCH HOUSING, LATCH HANDLE, LATCH, LATCH SPACER, VENT PLUG:

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

CHAIN:

Shall be 7mm (1/4") PC Grade 30 chain with a silver shield cold galvanized finish.

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.

