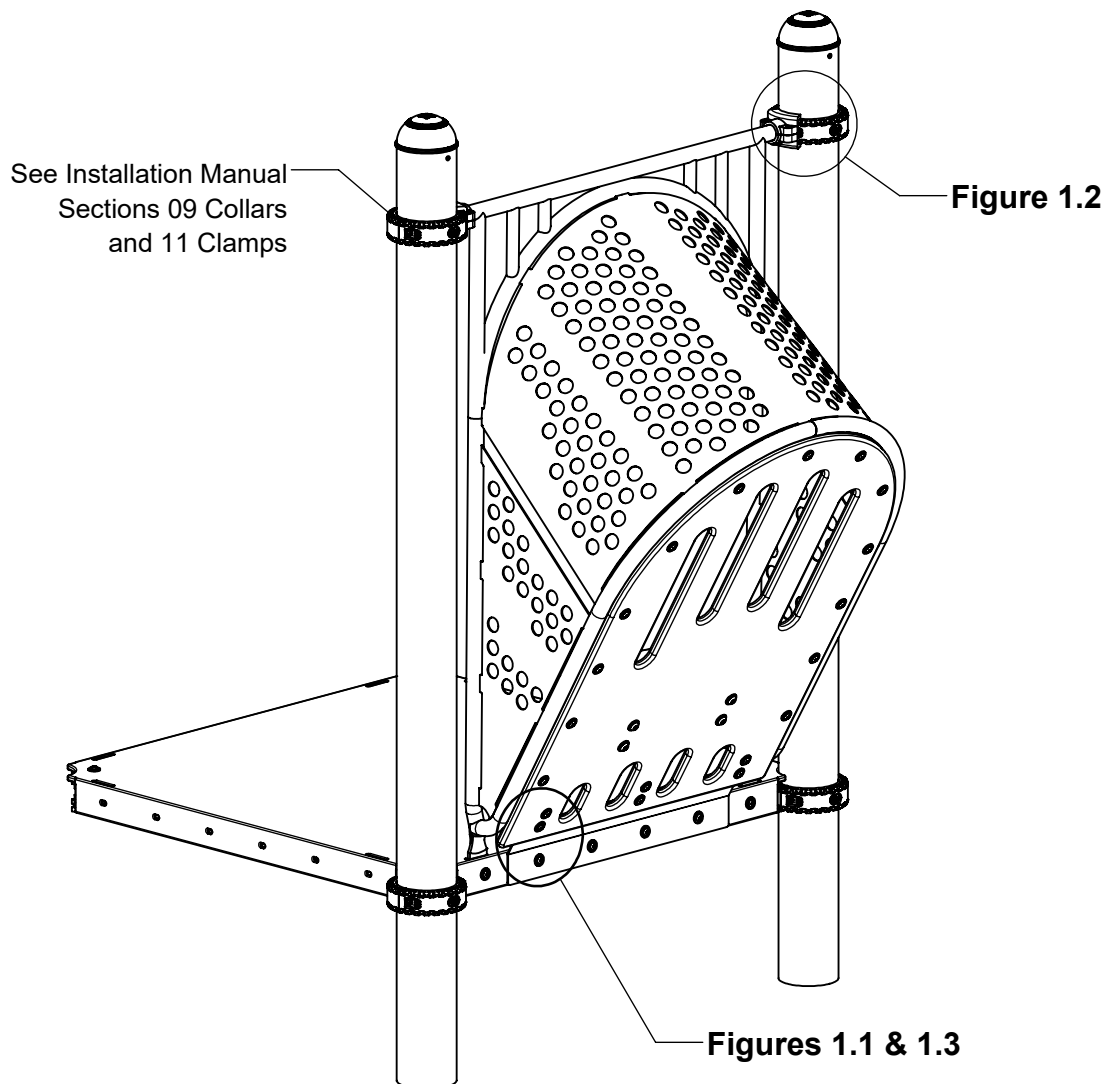# IMPORTANT NOTES: Read First

(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 09 Collars, 11 Socket Clamps, and 1634 Labyrinth Panel installation instructions.

(C) 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
Steel Push-Out Wall

See Installation Manual
Sections 09 Collars
and 11 Clamps

Figure 1.2

Figures 1.1 & 1.3

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Step 1

Locate and attach collars at heights shown in
Elevation View. (See Note B)

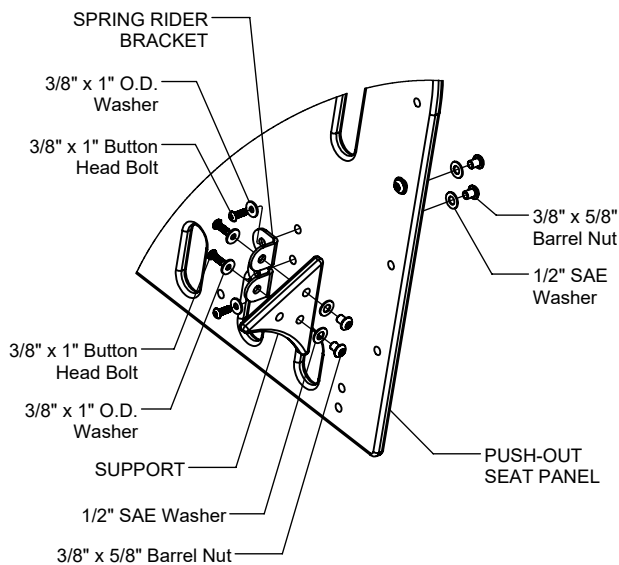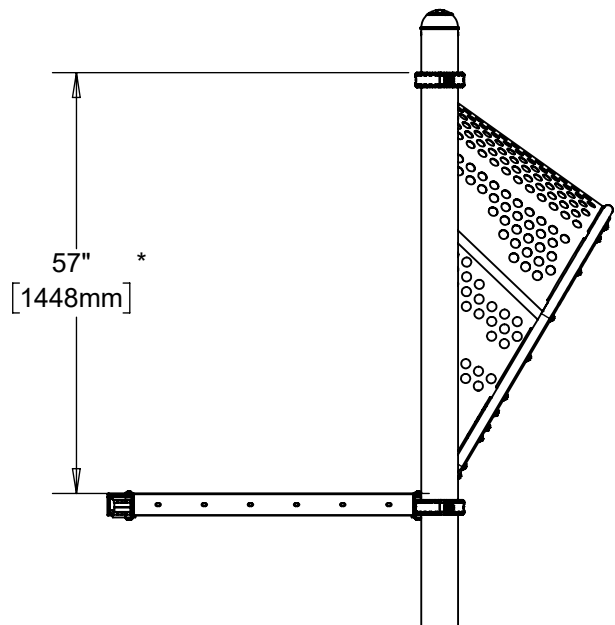* Height shown from top of deck to top of collar.

Elevation View

57"
[1448mm]   *

SPRING RIDER
BRACKET

3/8" x 1" O.D.
Washer

3/8" x 1" Button
Head Bolt

3/8" x 5/8"
Barrel Nut

1/2" SAE
Washer

3/8" x 1" Button
Head Bolt

3/8" x 1" O.D.
Washer

SUPPORT

1/2" SAE Washer

3/8" x 5/8" Barrel Nut

PUSH-OUT
SEAT PANEL

FIGURE 2

Step 2 (Factory Assembled)

Attach Seat Support to Panel as shown in
Figure 2. (See Note A)

Step 3 (Factory Assembled)

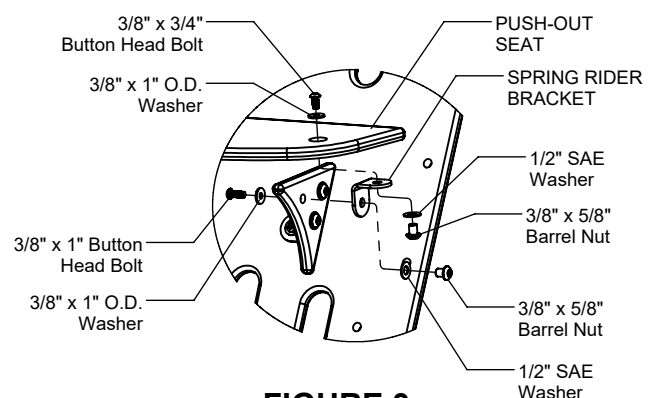Attach Seat to Supports as shown in Figure 3.
(See Note A)

3/8" x 3/4"
Button Head Bolt

3/8" x 1" O.D.
Washer

3/8" x 1" Button
Head Bolt

3/8" x 1" O.D.
Washer

PUSH-OUT
SEAT

SPRING RIDER
BRACKET

1/2" SAE
Washer

3/8" x 5/8"
Barrel Nut

3/8" x 5/8"
Barrel Nut

1/2" SAE
Washer

FIGURE 3

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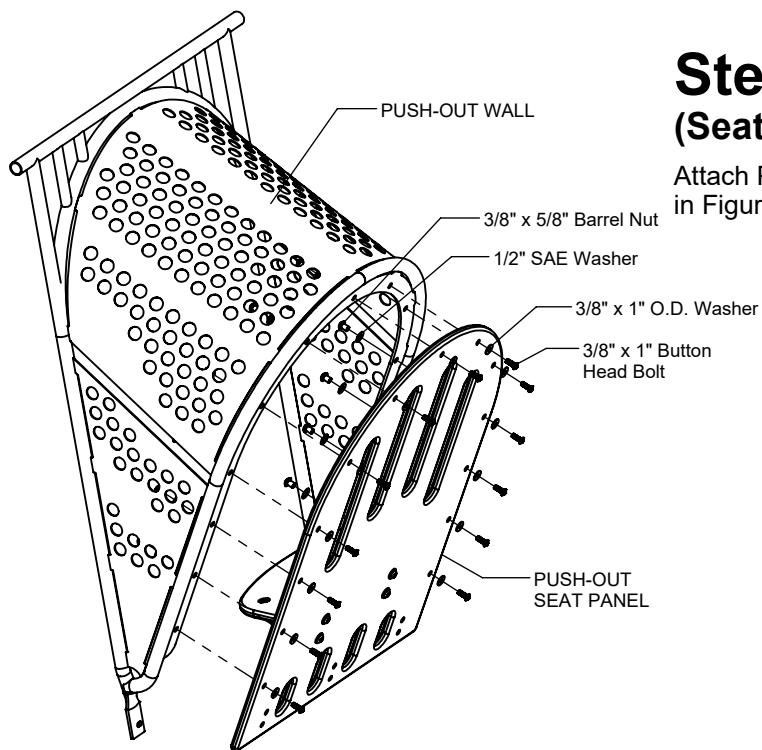800.333.8519 (U.S.A.) or 541.955.9199 (International)

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Step 4 (Factory Assembled)
(Round Event Panel only)

Attach Bug Eye Bubble to Push-Out Wall
Round Event Panel as Shown in Figure 4.
(See Note A)

PUSH-OUT WALL

3/8" x 5/8" Barrel Nut

1/2" SAE Washer

3/8" x 1" O.D. Washer

3/8" x 1" Button
Head Bolt

PUSH-OUT
SEAT PANEL

Step 5 (Factory Assembled)
(Seat Panel only)

Attach Push-Out Panel to Push-Out Wall as shown
in Figure 5. (See Note A)

FIGURE 5

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Step 6 (Factory Assembled)
(Labyrinth Panel only)

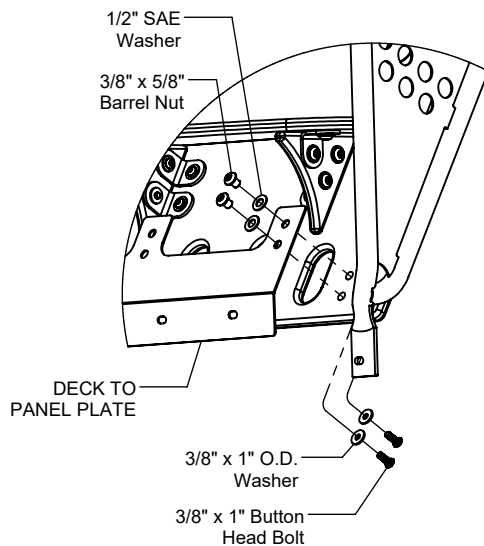Attach Labyrinth Panel to Push-Out Wall as shown in Figure 6. (See Notes A & B)

1/2" SAE Washer

3/8" x 5/8" Barrel Nut

DECK TO PANEL PLATE

3/8" x 1" O.D. Washer

3/8" x 1" Button Head Bolt

Figure 1.1

Step 7

Attach Panel Plate to Push-Out Panel as shown in Figure 1.1. (See Note A)

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Step 8

Attach Push-Out Panel to Post as shown in
Figure 1.2. (See Notes A & B)

PUSH-OUT
WALL

SOCKET CLAMP
ASSEMBLY

Figure 1.2

3/8" x 1" O.D.
Washer

3/8" x 1" Button
Head Bolt

DECK TO
PANEL PLATE

Deck

3/8" x 1-1/4"
Button Head
Bolt

3/8" x 1" O.D.
Washer

3/8" Lock Nut

3/8" Lock Nut

3/8" x 1" O.D.
Washer
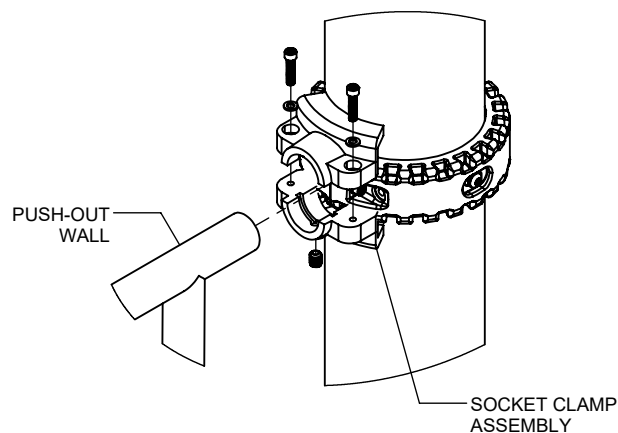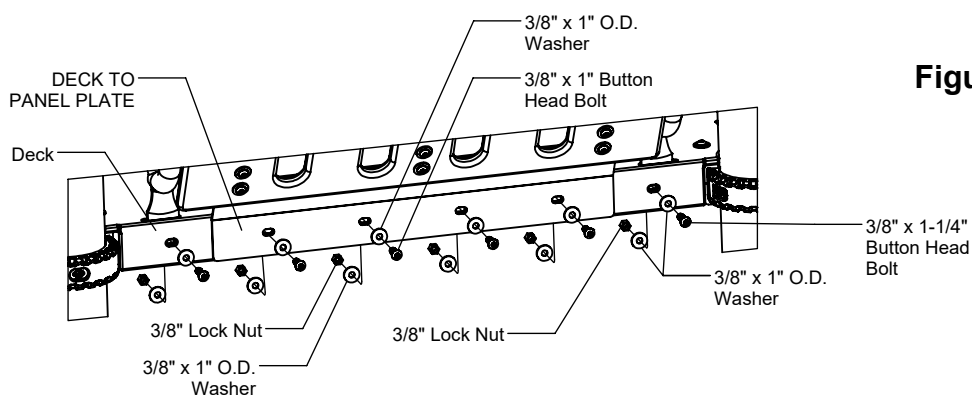
Figure 1.3

Step 9

Attach Panel Plate to Deck as shown in
Figure 1.3. (See Note A)

Step 10

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

Step 11

Place required protective surfacing under and
around Steel Push-Out Wall. (See Note C)

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Parts List

S-1362-R5 STEEL WALL (COMMON)

Part #	DESCRIPTION	QTY
BF-1154	Push-Out Wall Deck to Panel Plate	1
HS-1001-R5	Socket Clamp Set R5	2
9103052-TR	Bolt Button Head 3/8" x 1"	10
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	2
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	18
9345002	Washer Flat SAE 1/2"	6
9413002	Nut Lock 3/8"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	6

Assembled Parts List

S-1362-R5 STEEL WALL w/ SEAT

Part #	DESCRIPTION	QTY
BE-4466	Spring Rider Bracket	6
EF-0514	Push-Out Seat Support	2
EF-0515	Push-Out Seat	1
EF-0525	Push-Out Seat Panel R5	1
FS-1362-R5	Steel Push-Out Wall R5	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	2
9103052-TR	Bolt Button Head 3/8" x 1"	23
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	25
9345002	Washer Flat SAE 1/2"	25
9443022-TR	Nut Barrel 3/8" x 5/8" BH	25

S-16132 STEEL WALL w/ BUG EYE

Part #	DESCRIPTION	QTY
DE-4280	Bug Eye Bubble	1
EF-0614	Push-Out Wall Round Event Panel	1
FS-1362-R5	Steel Push-Out Wall R5	1
9103032-TR	Bolt Button Head 3/8" x 3/4"	5
9103052-TR	Bolt Button Head 3/8" x 1"	13
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	18
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	18

S-16134 STEEL WALL w/ LABYRINTH

Part #	DESCRIPTION	QTY
EF-0614	Push-Out Wall Round Event Panel	1
FS-1362-R5	Steel Push-Out Wall R5	1
S-1634-NMH	Labyrinth Panel	1
9103052-TR	Bolt Button Head 3/8" x 1"	6
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	5
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	7
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	18
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	18

Specifications

STEEL PUSH-OUT WALL:
Shall be fabricated from 1.029" O.D. 14 gauge tubing and 1.315" O.D. 12 gauge tubing with welded on 1/4" thick steel plate . The Steel Push-Out Wall shall have a multi-stage baked-on powder coat finish.

PUSH-OUT SEAT PANEL, PUSH-OUT WALL ROUND EVENT PANEL, LABYRINTH PANEL, PUSH-OUT SEAT & SUPPORTS:
Shall be made from high density 3/4" sheet plastic specially formulated for optimum UV stability and color retention.

BUG EYE BUBBLE :
Shall be constructed of 3/16" Clear Polycarbonate.

SOCKET CLAMPS:
Shall be two-part and precision die-cast from a high strength aluminum alloy. The Socket Clamps have a multi-stage baked-on powder coat 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.

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