

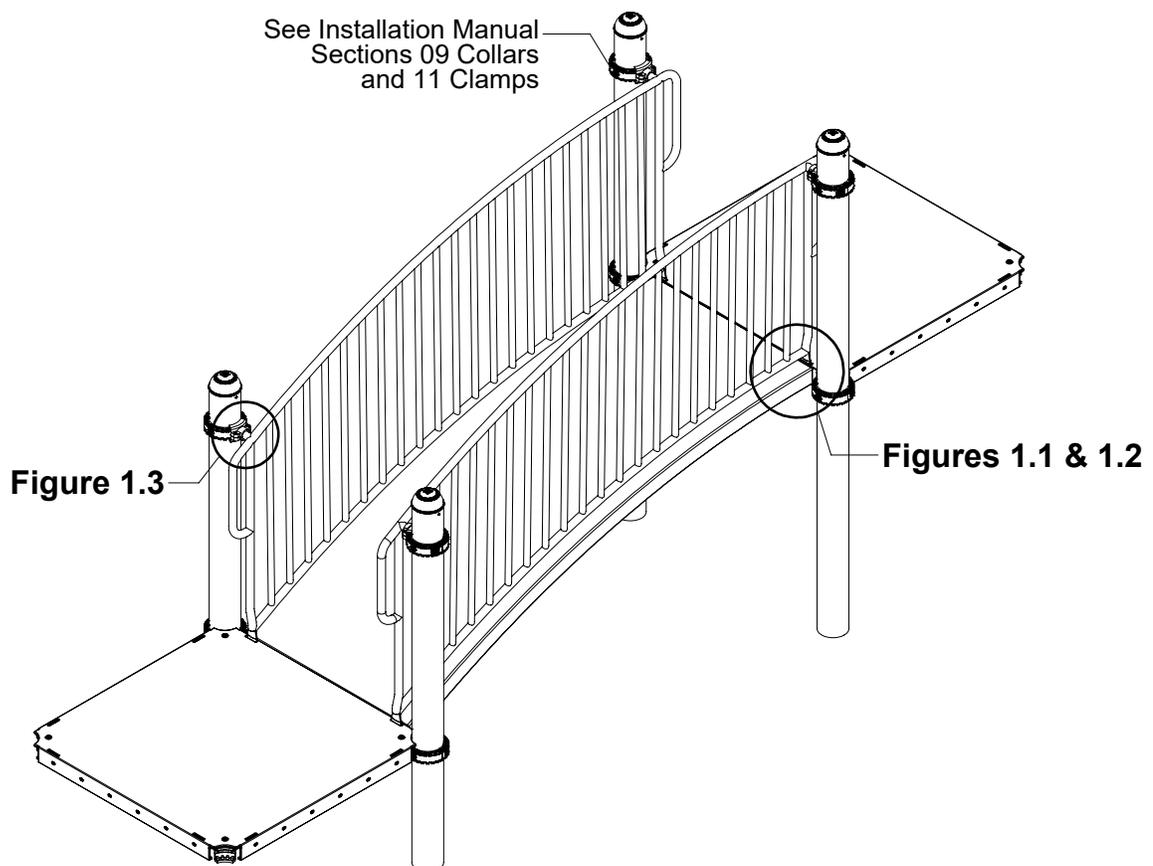
IMPORTANT NOTES: Read First

(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 and 11 Socket Clamps 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
Inclined Arch Bridge**



NOTE: R5 Inclined Arch Bridge shown.
Other configurations will vary slightly.

Step 1

Locate and attach collars at heights given in Elevation View. Heights shown from top of deck to top of collar. (See Note B)

Note: Collar heights shown apply to all configurations of the Inclined Arch Bridge.

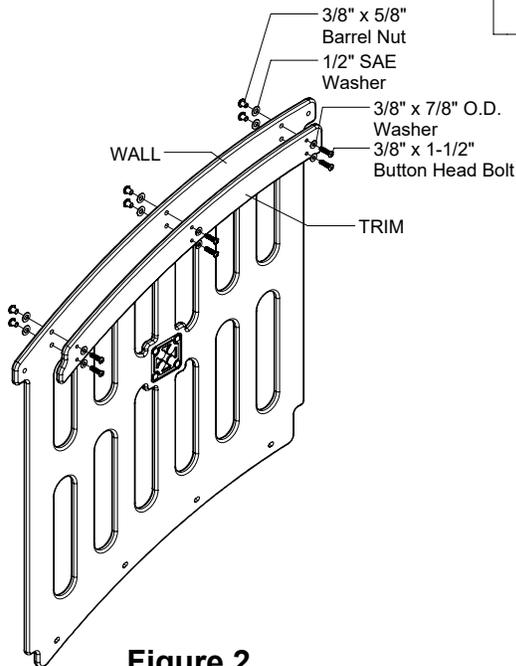
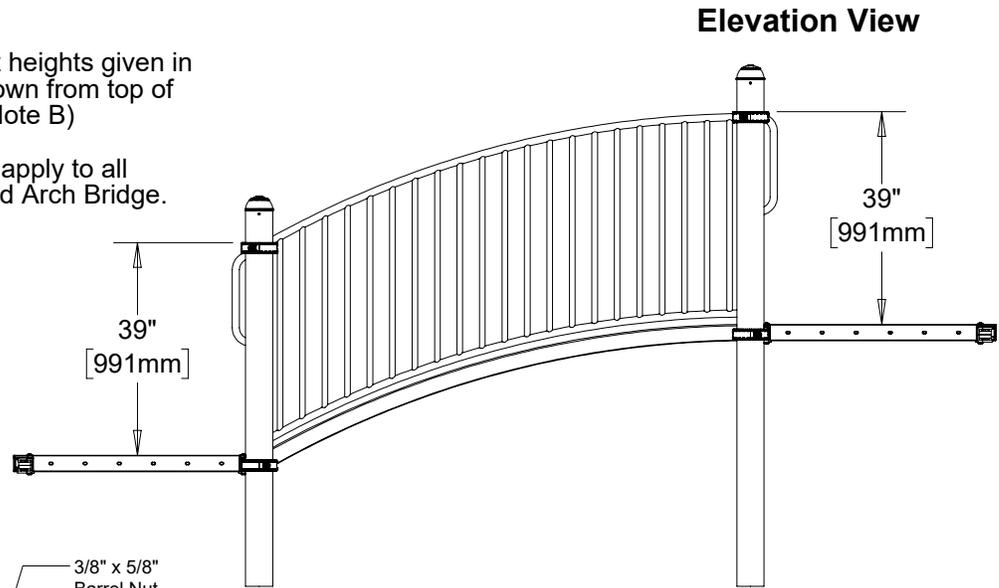


Figure 2

Step 2 (Factory Assembled) For 42" Version Only

Attach Trim to Walls as shown in Figure 2.
(See Note A)

Step 3a

For 45", 84", and 90" Versions Only

Attach Inclined Arch Bridge between decks as shown in Figure 1.1. (See Note A)

Step 3b

For 42" Version Only

Attach Inclined Arch Bridge between decks as shown in Figure 1.1 using all six connection points.
(See Note A)

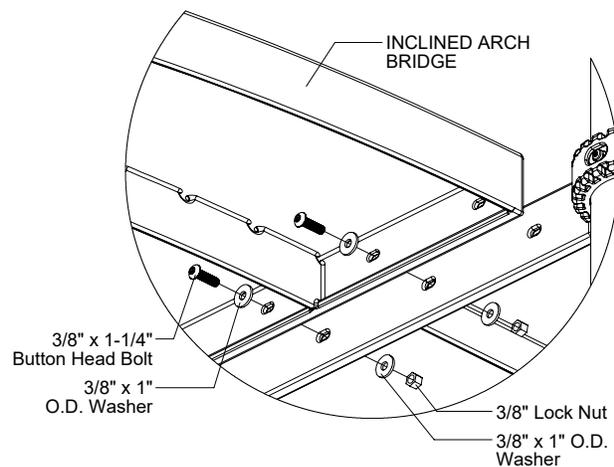


Figure 1.1

Step 4a

For 45", 84", and 90" Versions Only

Attach Inclined Arch Walls to decks as shown in Figure 1.2. (See Note A)

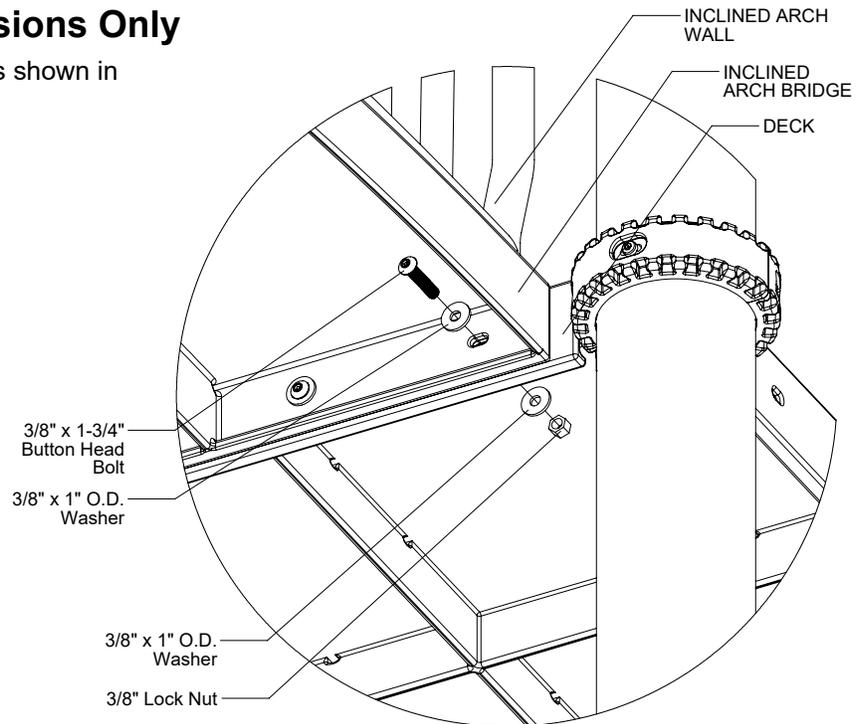


Figure 1.2

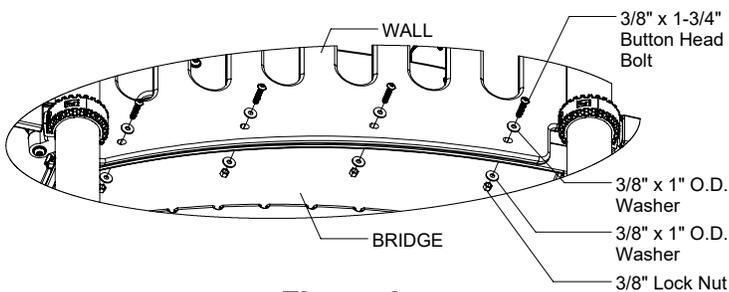


Figure 3

Step 4b

For 42" Version Only

Attach Walls to Bridge as shown in Figure 3. (See Note A)

Step 5a

For 45", 84", and 90" Versions Only

Attach Inclined Arch Walls to collars as shown in Figure 1.3. (See Notes A & B)

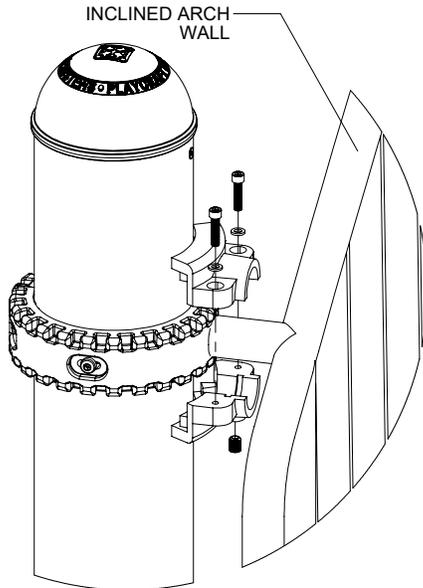


Figure 1.3

Step 5b

For 42" Version Only

Attach Walls to collars as shown in Figure 4. (See Notes A & B)

Step 6

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

Step 7

Place required protective surfacing under and around Inclined Arch Bridge. (See Note C)

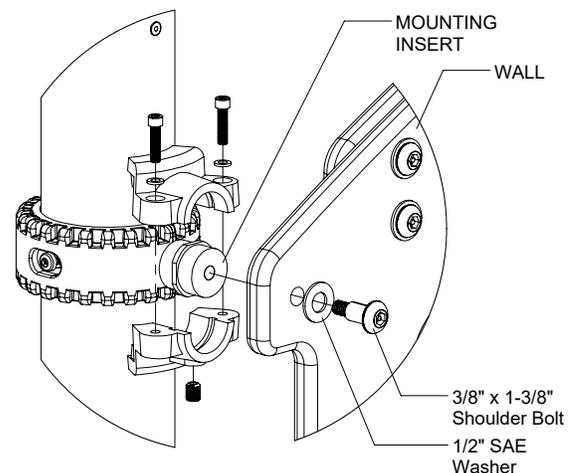


Figure 4

R3.5 42" Assembled Parts List

Part #	DESCRIPTION	QTY
EG-8211-L	Inclined Arch Bridge Wall - Left Side	1
EG-8211-R	Inclined Arch Bridge Wall - Right Side	1
EG-8211-T	Inclined Arch Bridge Wall - Trim	2
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	12
9333042	Washer Flat 3/8" x 7/8" O.D.	12
9345002	Washer Flat SAE 1/2"	12
9443022-TR	Nut Barrel 3/8" x 5/8" BH	12

R3.5 42" Parts List

Part #	DESCRIPTION	QTY
CG-8200	Inclined Arch Bridge 42" R3.5	1
GE-7015	Mounting Insert	4
HS-1001-R35	Socket Clamp Set R3.5	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	12
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	8
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	40
9345002	Washer Flat SAE 1/2"	4
9413002	Nut Lock 3/8"	20

R5 45" Parts List

Part #	DESCRIPTION	QTY
CF-7112	Inclined Arch Bridge 45" R5	1
FS-1514-R545	Inclined Arch Wall 45" R5	2
HS-1001-R5	Socket Clamp Set R5	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	8
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	24
9413002	Nut Lock 3/8"	12

R3.5 84" Parts List

Part #	DESCRIPTION	QTY
CG-0652	Inclined Arch Bridge 84" R3.5	1
FS-1514-R3584	Inclined Arch Wall 84" R3.5	2
HS-1001-R35	Socket Clamp Set R3.5	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	8
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	24
9413002	Nut Lock 3/8"	12

R5 90" Parts List

Part #	DESCRIPTION	QTY
CF-0500	Inclined Arch Bridge 90" R5	1
FS-1514-R590	Inclined Arch Wall 90" R5	2
HS-1001-R5	Socket Clamp Set R5	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	8
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	24
9413002	Nut Lock 3/8"	12

R5 90" ADA Parts List

Part #	DESCRIPTION	QTY
CF-0500	Inclined Arch Bridge 90" R5	1
FS-1514-R590-ADA	Inclined Arch Wall 90" R5 ADA	2
HS-1001-R5	Socket Clamp Set R5	4
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	8
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	24
9413002	Nut Lock 3/8"	12

Specifications

INCLINED ARCH BRIDGE:

Shall be fabricated using punched, formed, and welded 12 gauge sheet steel. The Inclined Arch Bridge shall be Play-Tuff™ coated after fabrication.

INCLINED ARCH WALL:

Shall be fabricated using 1.315" O.D. 12 gauge steel tubing with welded 1.029" O.D. 14 gauge vertical rails. The Inclined Arch Wall shall have a multi-stage baked-on powder coat finish.

ARCH BRIDGE WALL AND TRIM:

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

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.

