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 R5-09 Collars and R5-11 Socket Clamps installation instructions.

(C) All gaps created (e.g. between panels, between panel and deck, between panel and roof, etc.) must be less than 3-1/2" [89mm] or greater than 9" [229mm].

(D) Use this installation instruction for all R5 Steel Panels. Use specific panel instructions when installation requires different hardware and/or panel configuration other than shown in this installation instruction.

(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
Steel Panel Assembly

See Installation Manual Sections R5-09 Collars and R5-11 Clamps
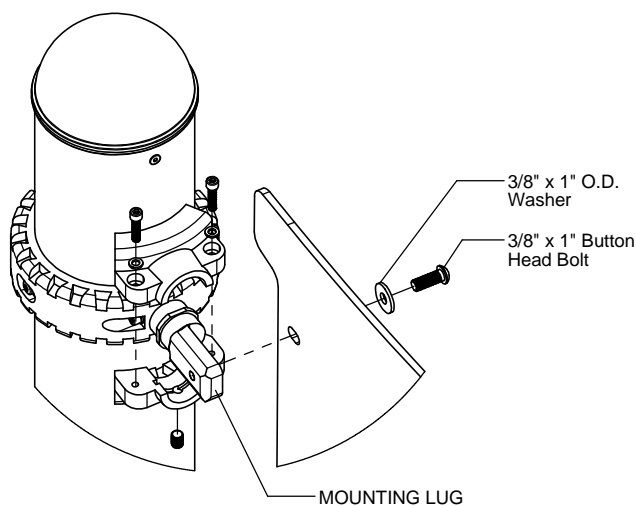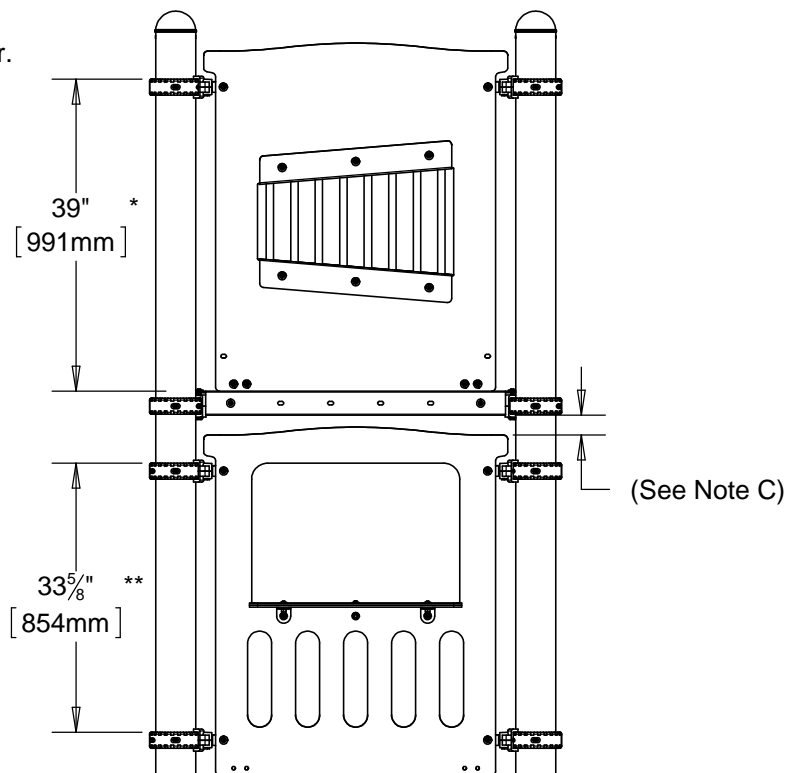
Figure 1.1

Figures 1.2 & 1.3
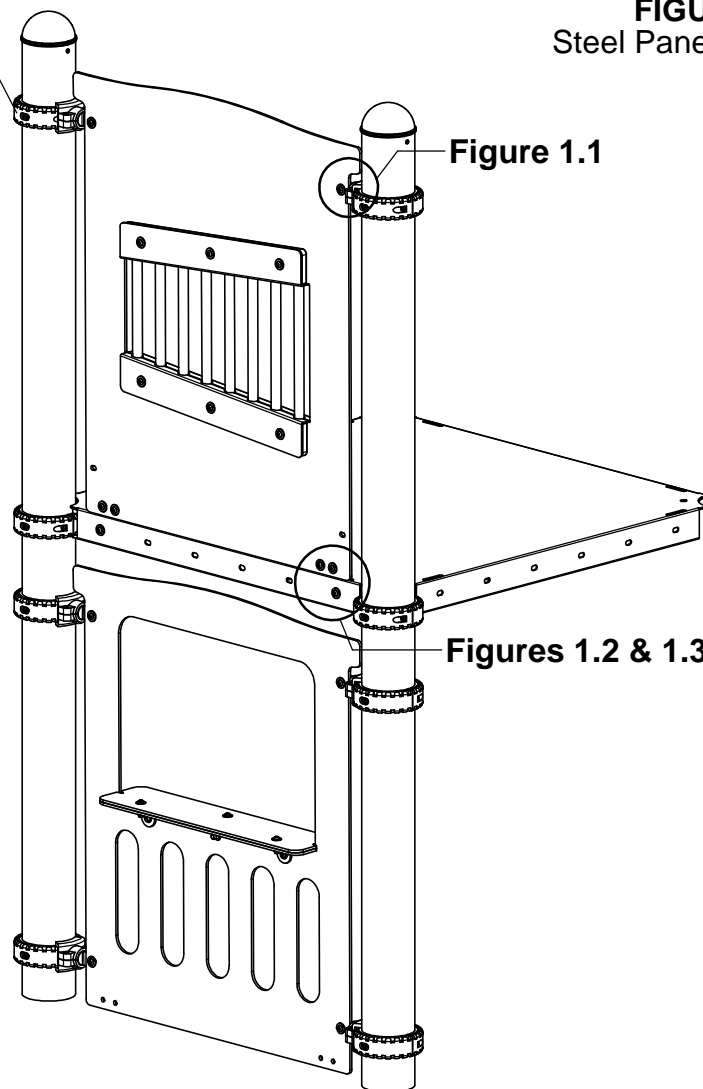
Step 1

Elevation View

Locate and attach collars to posts. (See Note B)

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

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

39"
$[991mm]$ *

$33\frac{5}{8}$" **
$[854mm]$

(See Note C)

Step 2

Attach panel to collars as shown in Figure 1.1.
(See Notes A & B)

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

3/8" x 1" Button
Head Bolt

MOUNTING LUG

Figure 1.1

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Step 3

For Deck Mount Only

Attach Flat Panel Brackets to panel as shown in Figure 1.2. (See Note A)

FLAT PANEL BRACKET (R5)

3/8" Lock Nut

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

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

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

Figure 1.2

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

3/8" Lock Nut

FLAT PANEL BRACKET (R5)

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

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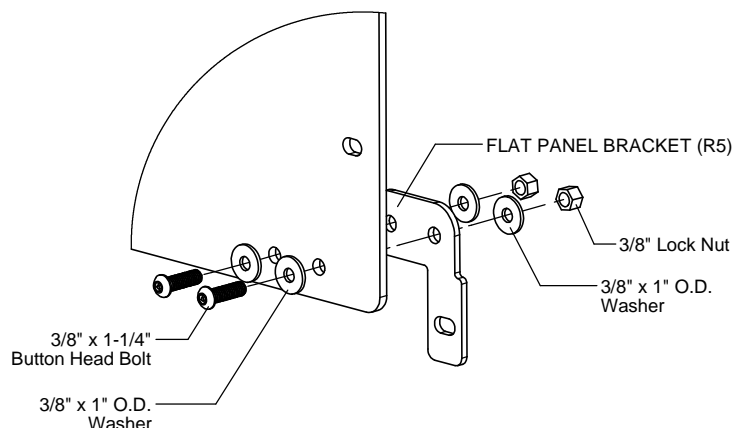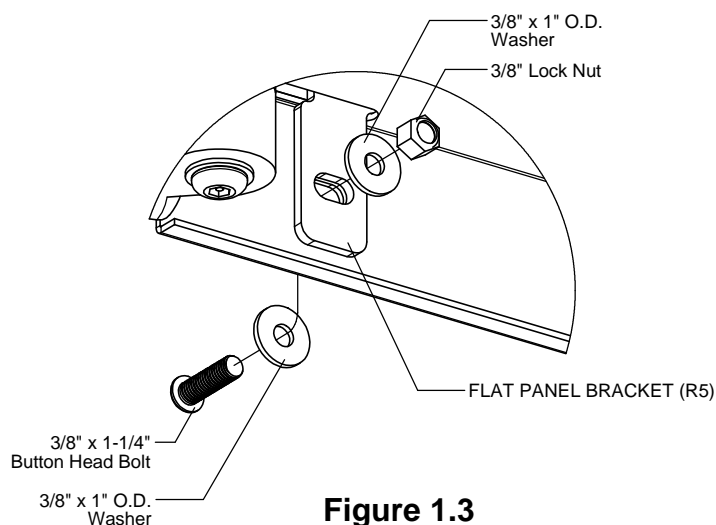
Figure 1.3

Step 4

For Deck Mount Only

Attach Flat Panel Brackets to deck as shown in Figure 1.3. (See Note A)

Step 5

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

Step 6

Place required protective surfacing under and around Steel Panel Assembly. (See Note E)

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Parts List

DECK MOUNT		
Part #	**DESCRIPTION**	**QTY.**
Varies	Steel Panel R5	1
AF-7118	Flat Panel Bracket (R5)	2
GF-7007	Mounting Lug R5	2
HS-1001-R5	Socket Clamp Set R5	2
9103052-TR	Bolt Button Head 3/8" x 1"	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	6
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	14
9413002	Nut Lock 3/8"	6

GROUND MOUNT		
Part #	**DESCRIPTION**	**QTY.**
Varies	Steel Panel R5	1
GF-7007	Mounting Lug R5	4
HS-1001-R5	Socket Clamp Set R5	4
9103052-TR	Bolt Button Head 3/8" x 1"	4
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	4

Specifications

FLAT PANEL BRACKET R5:
Shall be precision laser-cut from 3/16" sheet steel. The Flat Panel Bracket has a multi-stage baked-on powder coat finish.

STEEL PANEL R5:
Shall be precision laser-cut from 1/4" sheet steel. The Steel Panel R5 has a multi-stage baked-on powder coat finish.

MOUNTING LUGS:
Shall be precision die-cast from a high-strength aluminum alloy. The Mounting Lugs have a multi-stage baked-on powder coat finish.

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.