

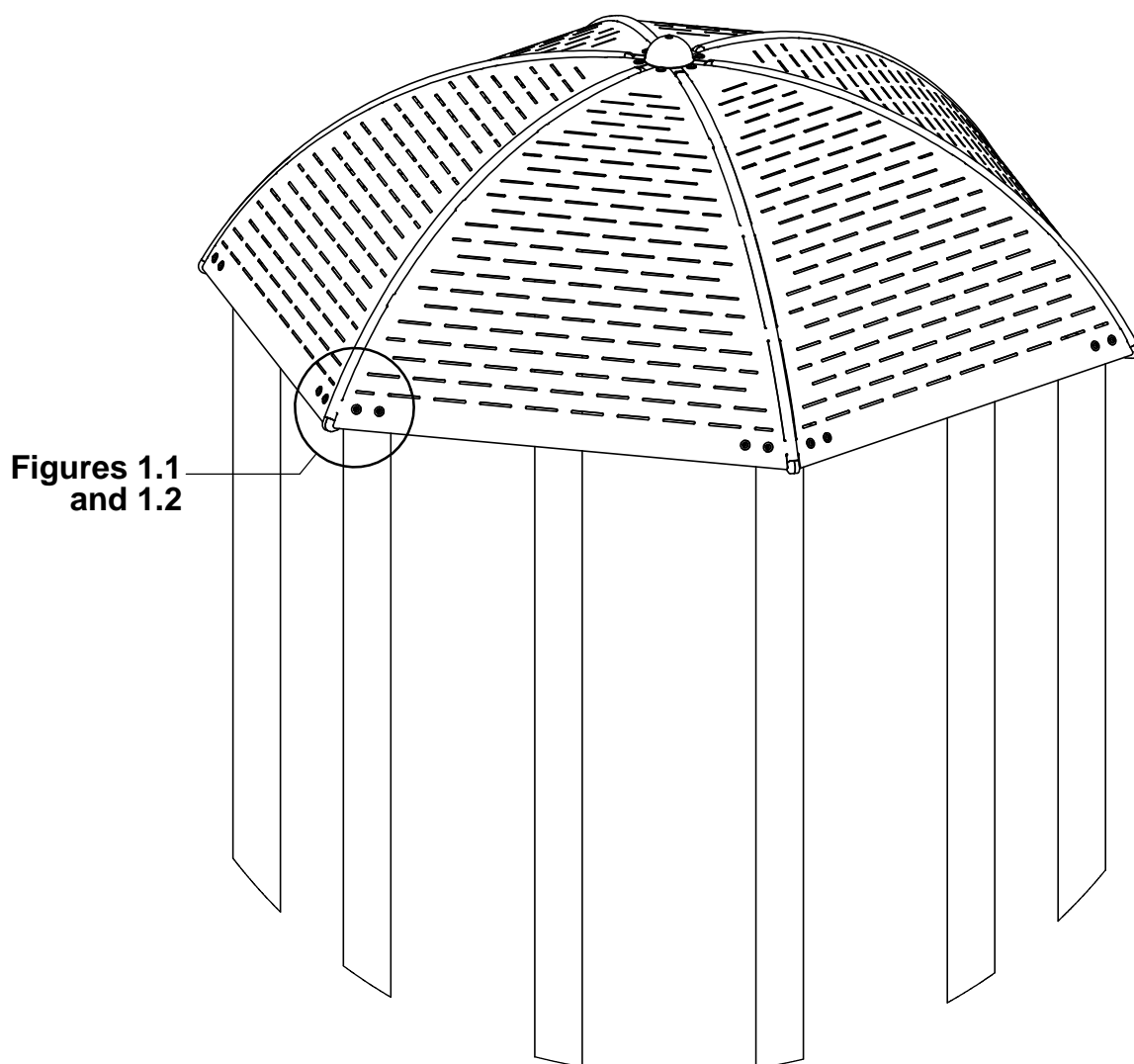
IMPORTANT NOTES: Read First

(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) Provide a soft work surface during roof assembly to minimize abrasion to part finish.

(C) **Important:** Make sure tops of posts are level.

FIGURE 1
Hex Umbrella Roof



Step 1 (Factory Assembled)

Press End Caps into Roof Rafter as shown in Figure 2.

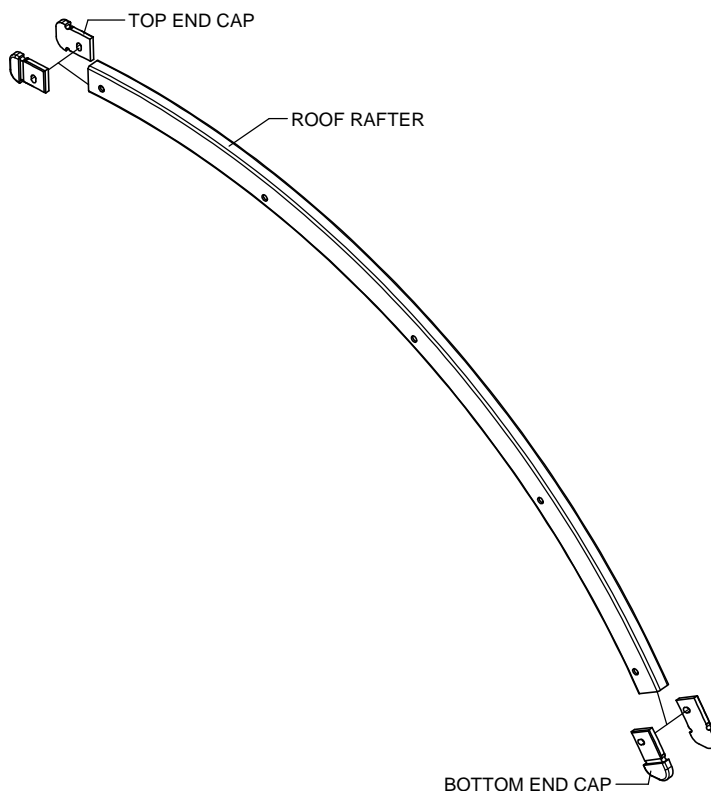


FIGURE 2

Step 2

Attach Dome Cap to Roof Top as shown in Figure 3.
(See Note A)

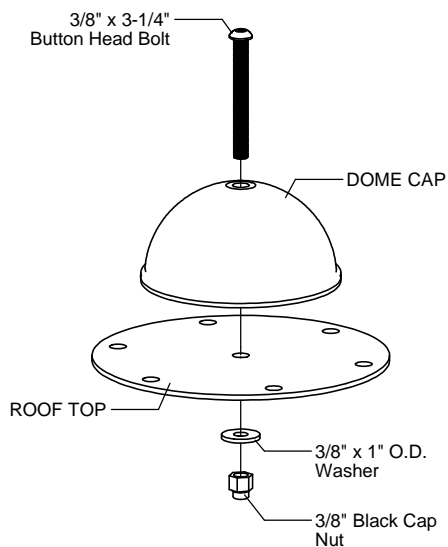


FIGURE 3

Step 3

Working from bottom to top, shape and attach Roof Sections to Roof Rafters and Roof Top as shown in Figure 4. (See Notes A & B)

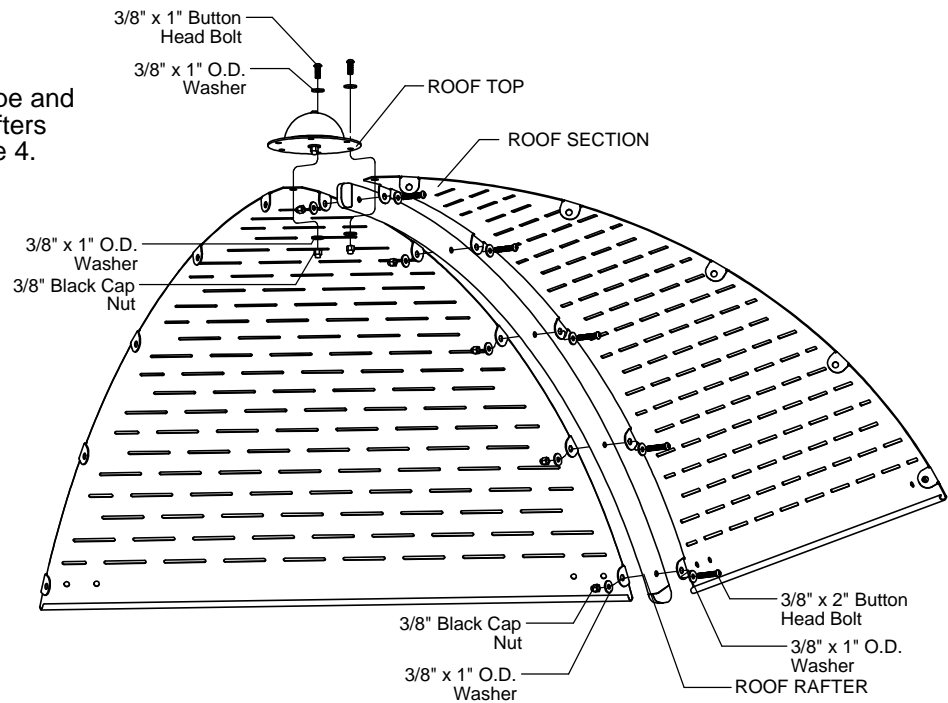


FIGURE 4

Step 4

Attach Roof Corner Brackets to Roof Sections as shown in Figure 1.1. (See Note A)

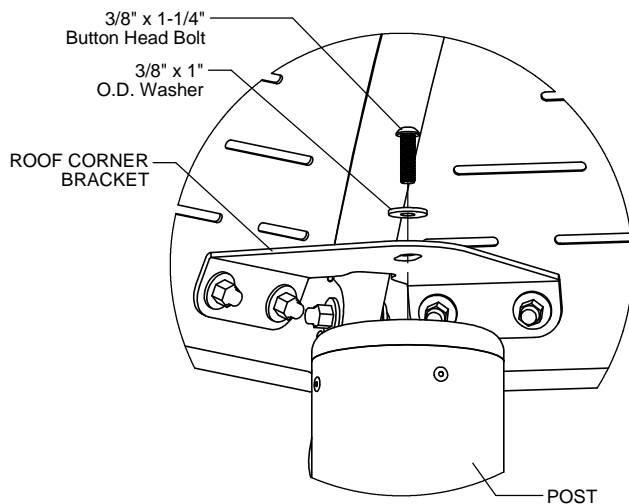


Figure 1.2

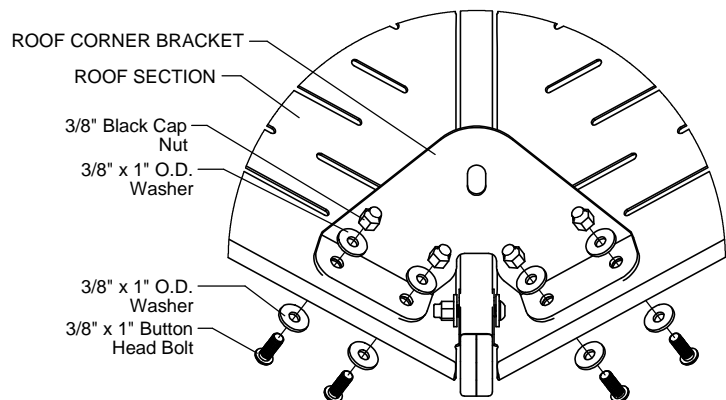


Figure 1.1

Step 5

Attach Roof Corner Brackets to posts as shown in Figure 1.2. (See Note A)

Step 6

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

HEX UMBRELLA ROOF INSTALLATION INSTRUCTIONS

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Parts List

Part #	DESCRIPTION	QTY
AF-0205	Hex Umbrella Roof Top Plate	1
BE-0196	Hex Umbrella Roof Corner Bracket	6
BF-0093	Hex Umbrella Roof Section R5	6
GF-4826	Neutron Spinner Cap Modified R5 Dome	1
9103052-TR	Bolt Button Head 3/8" x 1"	30
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	6
9103092-TR	Bolt Button Head 3/8" x 2"	30
9103142-TR	Bolt Button Head 3/8" x 3-1/4"	1
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	127
9413162-BLK	Nut Lock 3/8" w/ Black Cap	61

Assembled Parts List

Part #	DESCRIPTION	QTY
EE-0129-BL	Hex Umbrella Roof End Cap Bottom Left	6
EE-0129-BR	Hex Umbrella Roof End Cap Bottom Right	6
EE-0129-TL	Hex Umbrella Roof End Cap Top Left	6
EE-0129-TR	Hex Umbrella Roof End Cap Top Right	6
LF-0011	Hex Umbrella Roof Rafter	6

Specifications

HEX UMBRELLA ROOF CORNER BRACKET:
Shall be formed from 10 gauge sheet steel. The Hex Umbrella Roof Corner Bracket shall have a multi-stage baked-on powder coat finish.

HEX UMBRELLA ROOF RAFTER:
Shall be fabricated from 1" x 2" x .125" wall aluminum tubing. The Hex Umbrella Roof Rafter shall have a multi-stage baked-on powder coat finish.

HEX UMBRELLA ROOF SECTION:
Shall be punched and formed from .080" thick sheet aluminum. The Hex Umbrella Roof Section shall have a multi-stage baked-on powder coat finish.

HEX UMBRELLA ROOF TOP PLATE:
Shall be fabricated from 10 gauge sheet steel. The Hex Umbrella Roof Top Plate shall have a multi-stage baked-on powder coat finish.

NEUTRON SPINNER CAP DOME:
Shall be precision die-cast from a high strength aluminum alloy. The Neutron Spinner Cap Dome shall 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.



Manufactured by Krauss Craft, Inc.
www.playcraftsystems.com

For Customer Service Call
800.333.8519 (U.S.A.) or
541.955.9199 (International)

Rev F
5/31/2011