

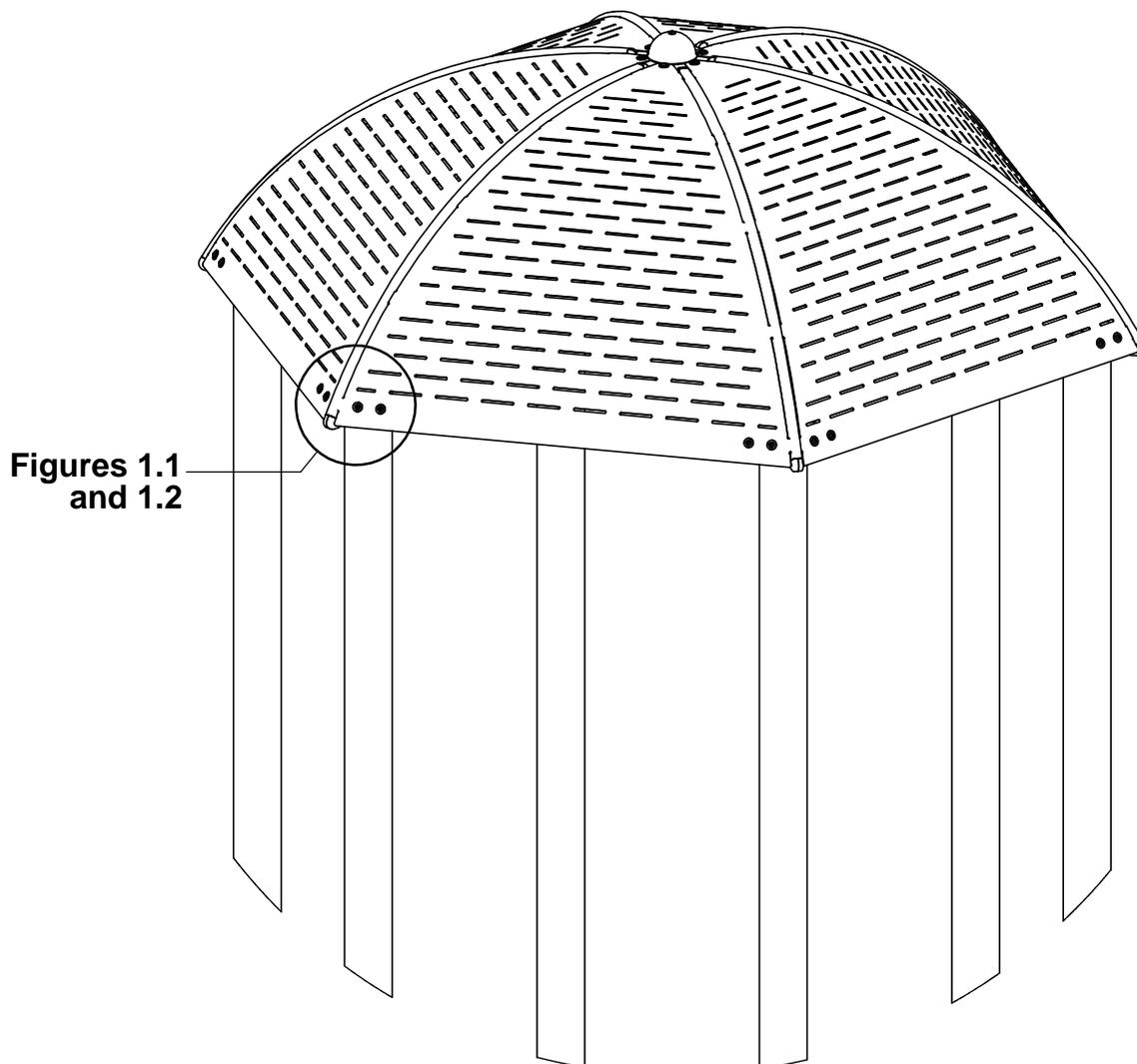
IMPORTANT NOTES: Read First

(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



Figures 1.1
and 1.2

Step 1 (Factory Assembled)

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

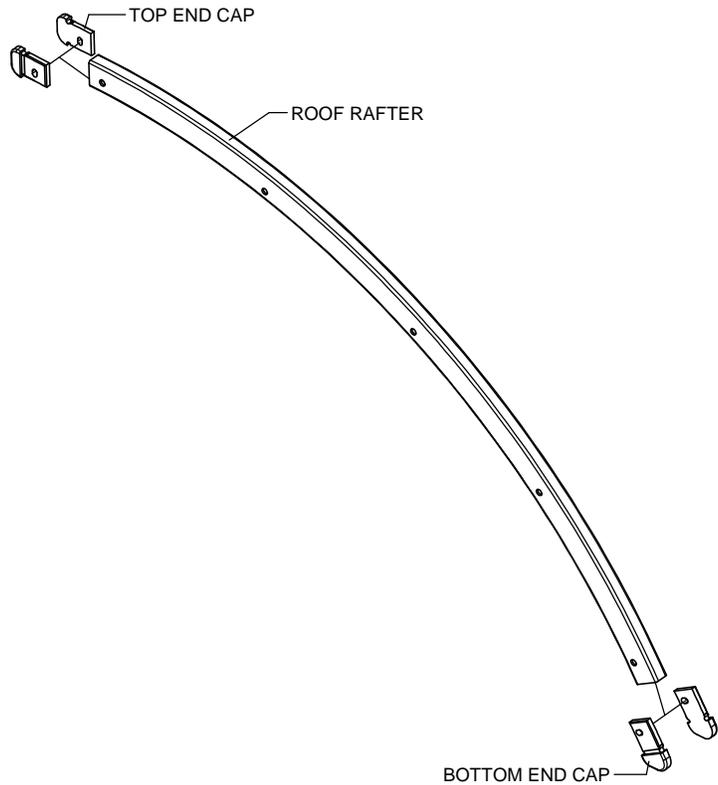


FIGURE 2

Step 2

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

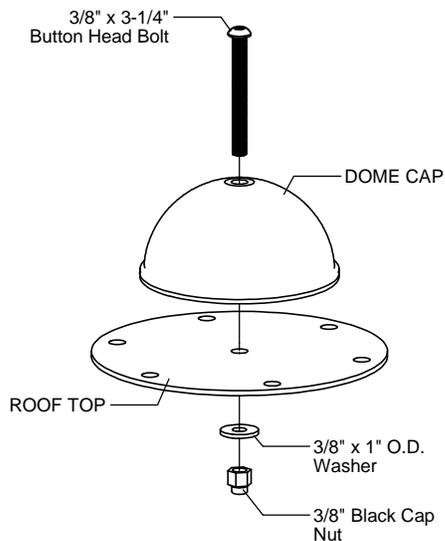


FIGURE 3

Step 3

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

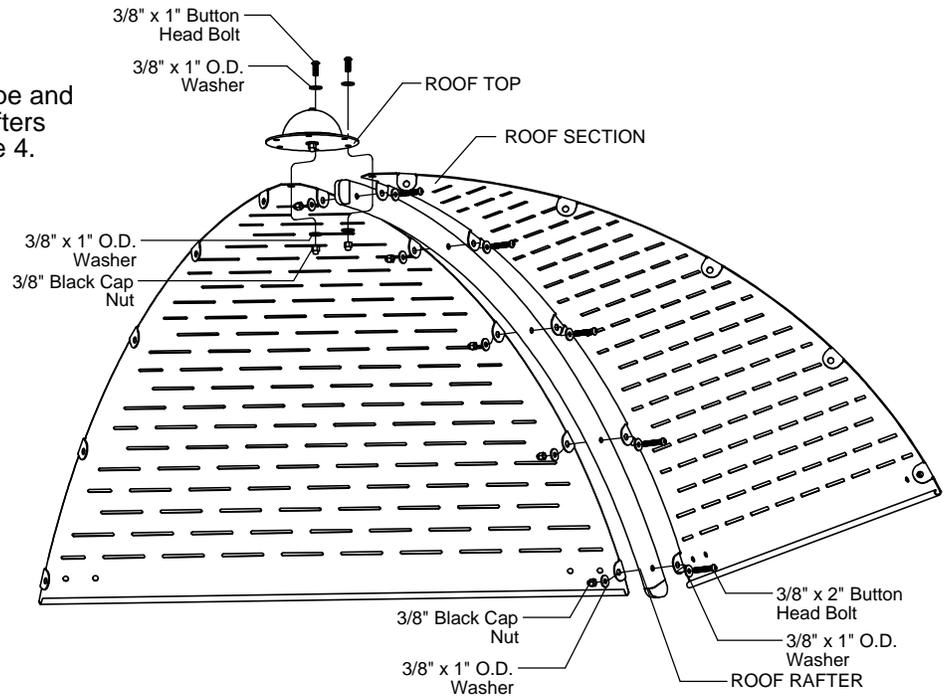


FIGURE 4

Step 4

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

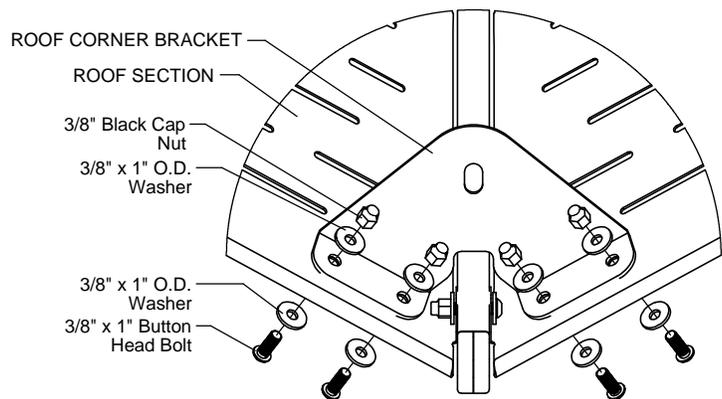


Figure 1.1

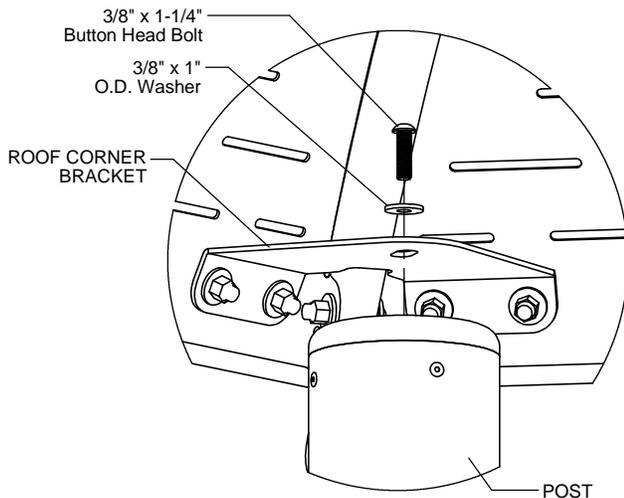


Figure 1.2

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.

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.

