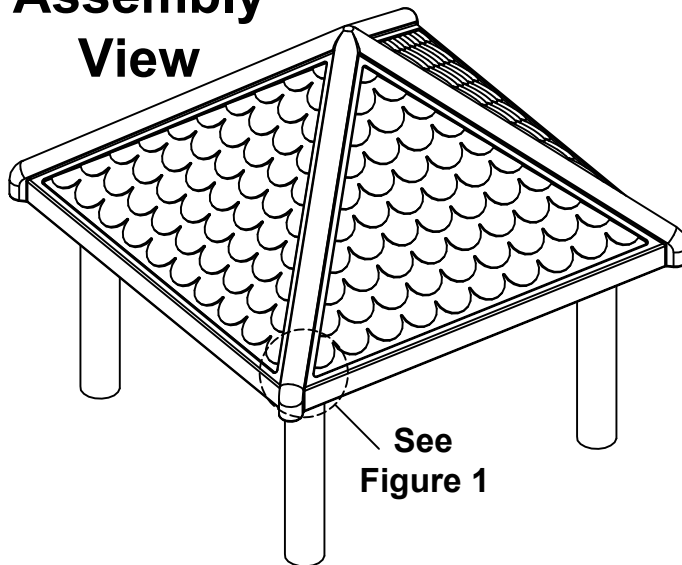
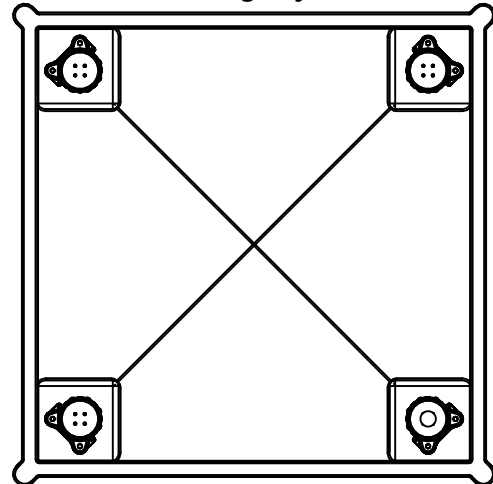


### Assembly View

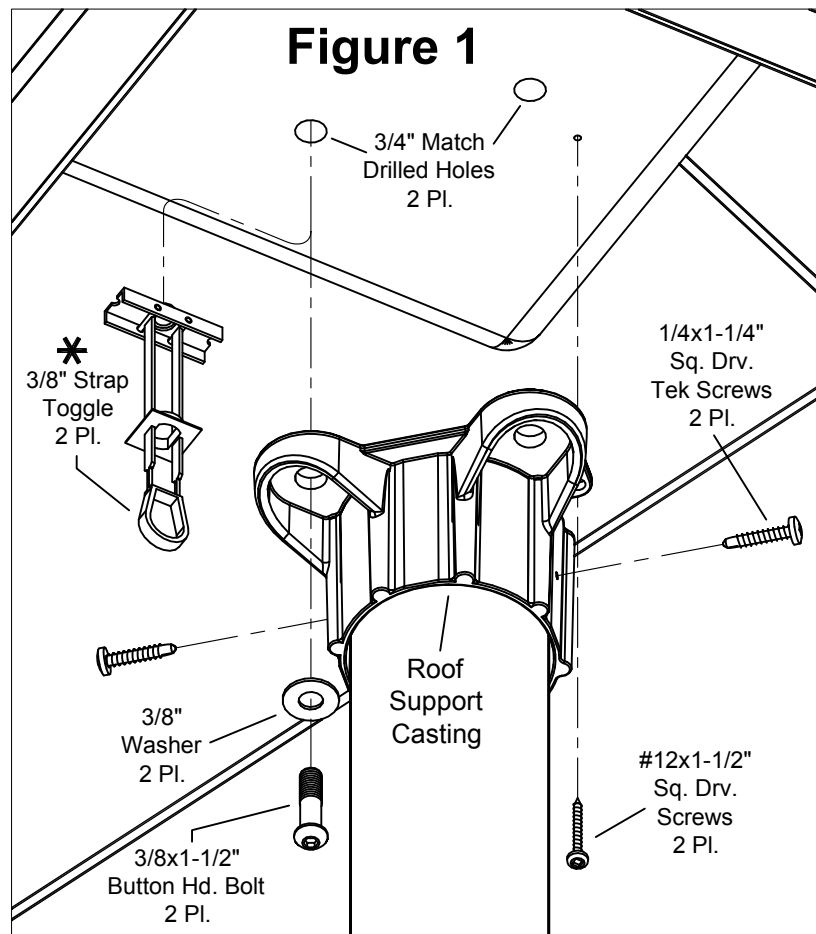


### Plan View

Roof Support  
Casting Layout



### Figure 1



## Parts List

QTY.	DESCRIPTION	PART #
1	Poly Shingled Roof	141020
4	Roof Support Castings 2-Ear	7163
8	3/8"x1-1/2" Button Hd. Bolts	9103072-TR
8	#12x1-1/2" Sq. Drv. Screws	9221272
8	1/4"x1-1/4" Sq. Drv. Tek Screws	9271060
8	3/8" Washers	9333002
8	3/8" Strap Toggle Fasteners	9643160

## Specifications

### ROOF:

Shall be roto-molded of UV-stabilized polyethylene with an average wall thickness of .250".

### ROOF SUPPORT CASTING:

Shall be Die-Cast using a High-Strength Aluminum Alloy. To be finished with a baked on Powder Coating.

### HARDWARE:

Shall be zinc/nickel plated, galvanized or stainless steel 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.

## Installation

### Notes:

(A) Use Posts without caps.

(B) Snug tighten all fasteners during assembly. After assembly, check position and tighten the fasteners fully.

(C) 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.

✱ (D) Caution must be given to Toggle Assembly as parts may become fragile during insertion and final securing.

### Step 1.

Attach Roof Casting to the top of the Post using 1/4"x1-1/4" Sq. Drv. Tek Screws as shown in Figure 1.

### Step 2.

Position & center the Shingled Roof on the Roof Support Castings.

### Step 3.

Mark Roof Casting hole positions on Poly Roof.

### Step 4.

Move Roof out of position and match drill (2) 3/4" Dia. holes at each Casting location. Cinch the (2) Strap Toggle Fasteners into the roof through the 3/4" holes as shown in Figure 1. Re-position Shingled Roof.

### Step 5.

Complete the attachment of the Roof to the Roof Castings using the 3/8"x1-1/2" Button Head Bolts and 3/8" Washers as shown in Figure 1.

### Step 6.

Fully tighten all fasteners.

