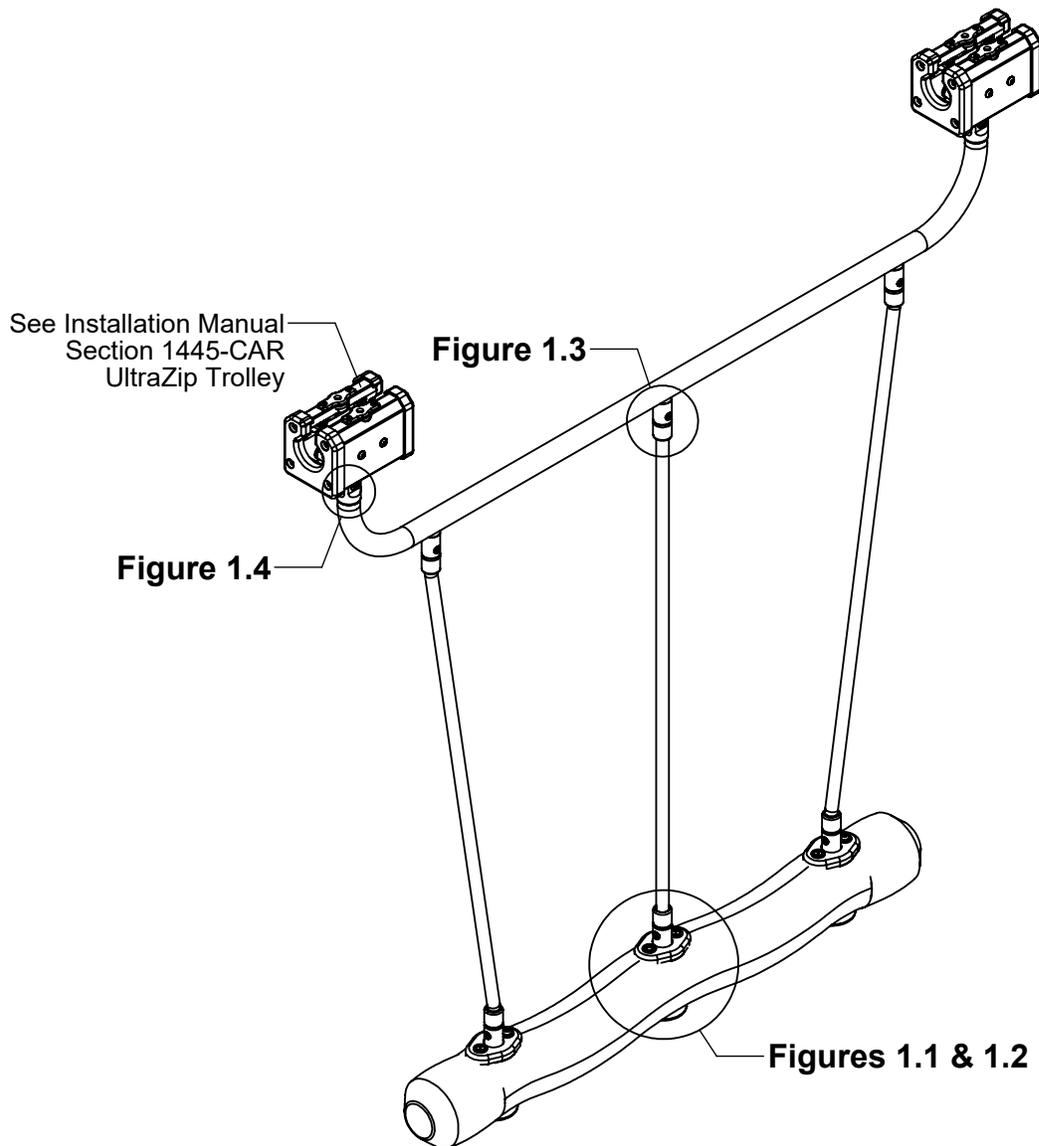


**IMPORTANT NOTES: Read First**

(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 1445-CAR UltraZip Trolley installation instructions.

**FIGURE 1**  
UltraZip - Dragon Rider Seat

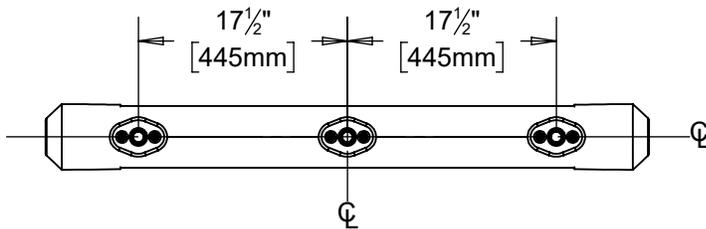


## Step 1 (Factory Assembled)

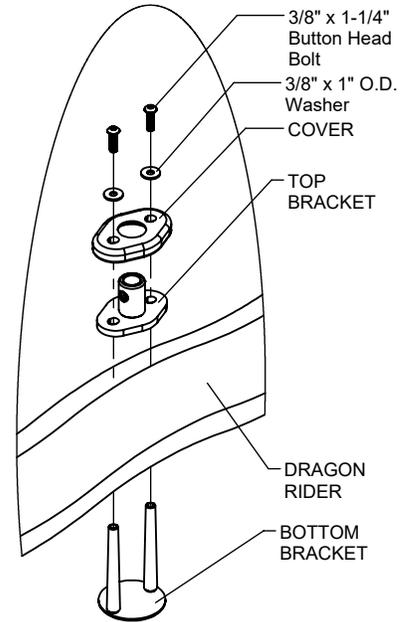
Assemble UltraZip Trolley as described in 1445-CAR UltraZip Trolley installation instructions. (See Note B)

## Step 2 (Factory Assembled)

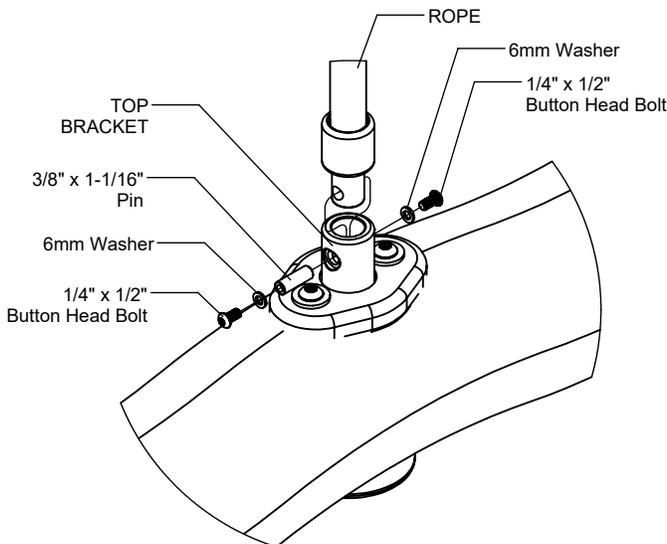
Attach Top and Bottom Brackets to Dragon Rider as shown in Figure 1.1a. Locate Brackets as shown in Figure 1.1b. (See Note A)



**Figure 1.1b**



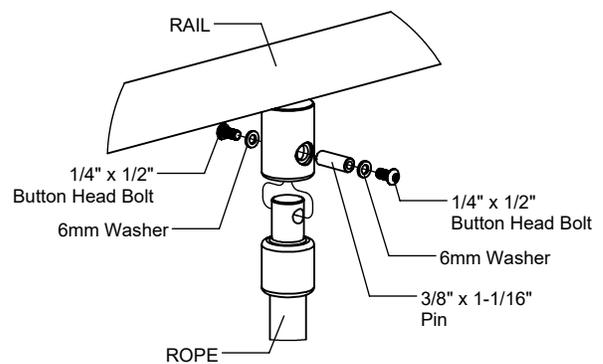
**Figure 1.1a**



**Figure 1.2**

## Step 3

Attach Ropes to Top Brackets as shown in Figure 1.2. Inside Rope is attached to the center Top Bracket and the Outside Ropes are attached to the Outer Top Brackets. (See Note A)



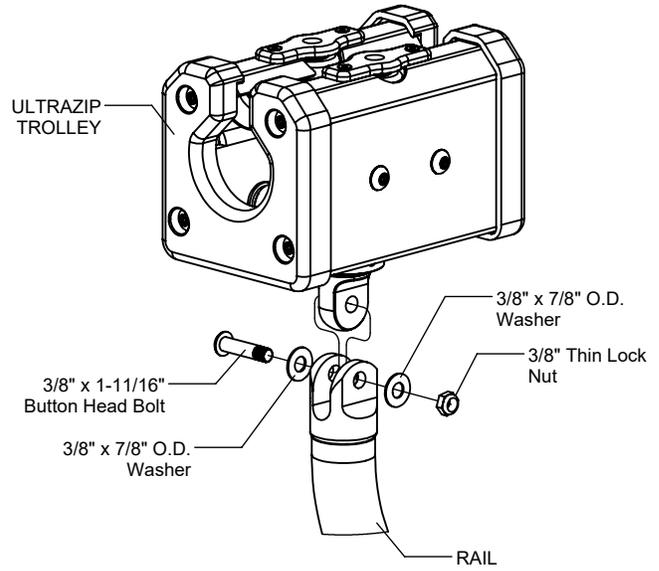
**Figure 1.3**

## Step 4

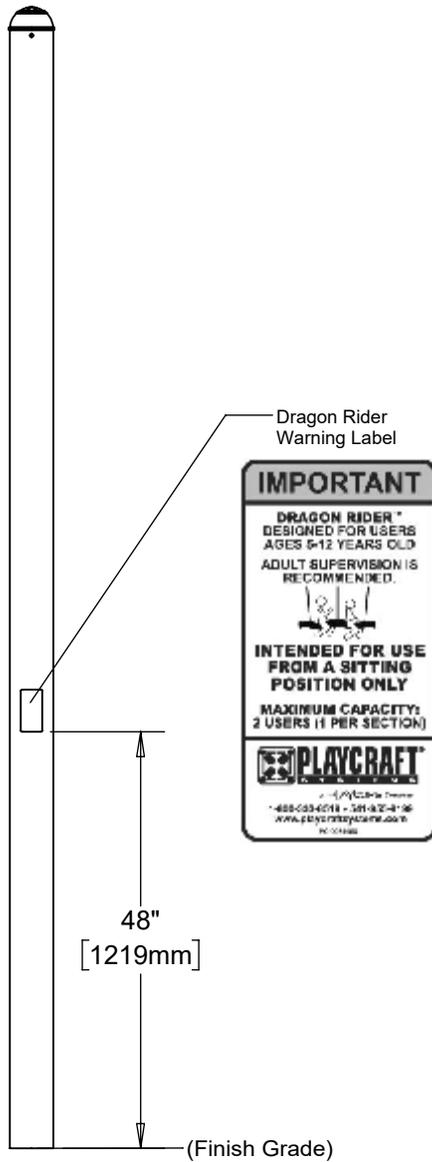
Attach Ropes to Rail as shown in Figure 1.3. (See Note A)

## Step 5

Attach Rail to UltraZip Trolleys as shown in Figure 1.4. (See Note A)



**Figure 1.4**



**FIGURE 2**

## Step 6

Apply Dragon Rider Warning Labels to opposite ends of the UltraZip where visible to users as shown in Figure 2. (Dimension indicates suggested placement)

## Step 7

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

## Parts List

Part #	DESCRIPTION	QTY
FS-1445-DRR	UltraZip Dragon Rider Rail	1
HE-0138-IR	UltraZip Dragon Rider Inside Rope	1
HE-0138-OR	UltraZip Dragon Rider Outside Rope	2
IE-0077	3/8" x 1-1/16" x 1/4-20 Threaded Pin	6
372024	Dragon Rider Warning Label	2
9101012-TR	Bolt Button Head 1/4" x 1/2"	12
9103210-TR	Bolt Button Head 3/8" x 1-11/16"	2
9333042	Washer Flat 3/8" x 7/8" O.D.	4
9333602	Washer Flat 6 mm	12
9423002	Nut Lock Thin 3/8"	2

## Assembled Parts List

Part #	DESCRIPTION	QTY
EE-0648	Jumbo Rope HDPE Cover-140	3
FS-PC2485-BB	Jumbo Rope Bottom Bracket-140	3
FS-PC2485-CB	Jumbo Rope Top Bracket-140	3
HE-0138	UltraZip Dragon Rider	1
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	6
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	6

## Specifications

### ULTRAZIP DRAGON RIDER RAIL:

Shall be fabricated using 1.660 OD 11 gauge steel tubing with welded machined clevises and ferrules and will have a multi-stage baked-on powder coat finish.

### ULTRAZIP DRAGON RIDER ROPES:

Shall be made from 24mm steel-reinforced rope with machined aluminum end ferrules.

### JUMBO ROPE BOTTOM BRACKET:

Shall be fabricated from 3/16" thick stainless steel with a welded machined rod and will have a multi-stage baked-on powder coat finish.

### JUMBO ROPE TOP BRACKET:

Shall be fabricated from 3/8" thick steel with a welded machined ferrule and will have a multi-stage baked-on powder coat finish.

### ULTRAZIP DRAGON RIDER:

Shall be made from 140mm rope with stainless steel banding covered in heat shrink.

### JUMBO ROPE HDPE COVER:

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

### 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.

