

## IMPORTANT NOTES: Read First

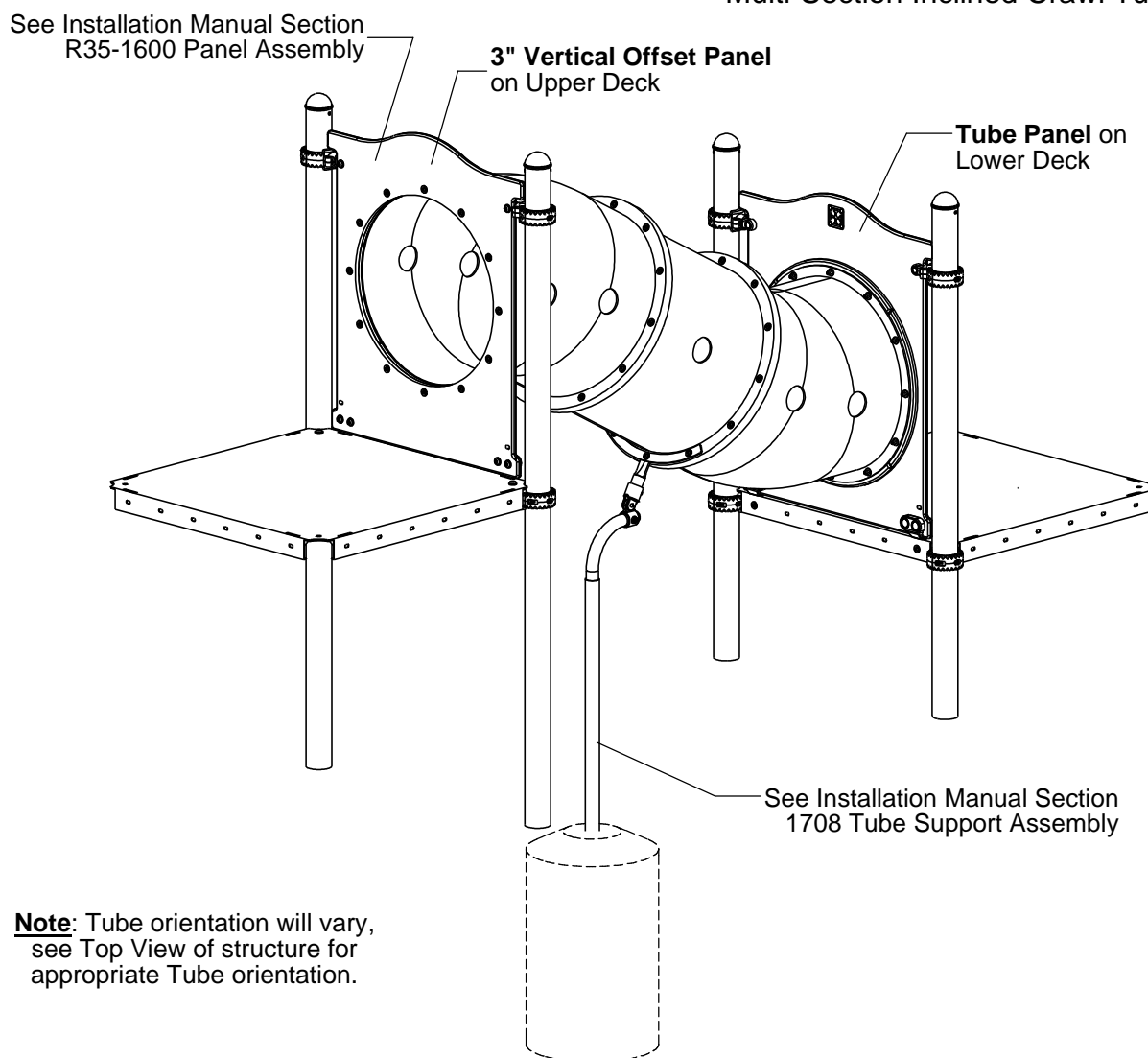
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(B) Do not pour concrete until the equipment is completely assembled, leveled and plumbed. Concrete must be allowed to cure completely before using the equipment (at least 72 hours).

(C) Refer to Installation Manual for R35-1600 Assembly and 1708 Tube Support Assembly.

(D) Use appropriate compliant protective surfacing and adjust footing depths accordingly. See free publication - The Handbook for Public Playground Safety, Publication #325 at [www.CPSC.gov](http://www.CPSC.gov) for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

**FIGURE 1**  
Multi-Section Inclined Crawl Tube



**NOTE:** Male-Male Tube Section shown.

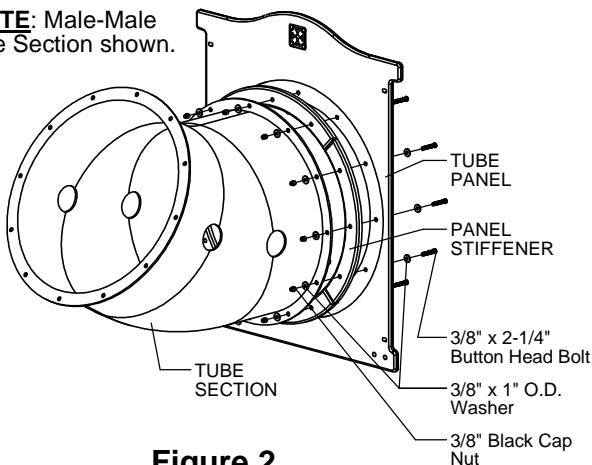


Figure 2

## Step 3

Attach Tube Sections as shown in Figure 1.1. Refer to your structure top view for appropriate orientation. (See Note A)

## Step 4

Attach Tube Sections with Tube Support as shown in Figure 1.2.

**Note:** Tube Support required for every second Tube Section. Refer to the Top View of your structure for Tube Support Orientation. Dig footing hole and attach tube support to tube section. (Refer to Section 1708 Tube Support Assembly of the Installation Manual, Figure 1.2, Note A and Note B)

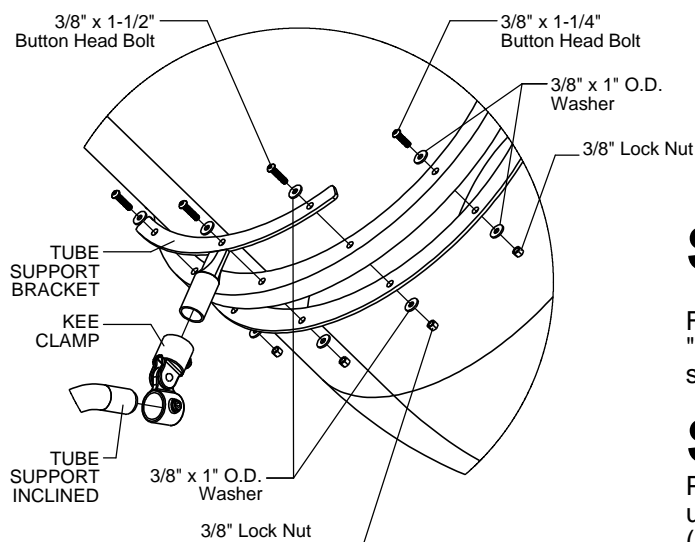


Figure 1.2

## Step 1

Attach Male-Male Tube Section to Tube Panel and Male-Female Tube Section to Offset Tube Panel. Attach Male Tube Flange to Stiffener and Panel as shown in Figure 2. (See Note A)

## Step 2

Attach Panels to posts/decks. Refer to Section R35-1600 Panel Assembly of the Installation Manual.

**NOTE:** Offset Tube Panel hole is 3" higher than Tube Panel hole, and must go on the higher deck.

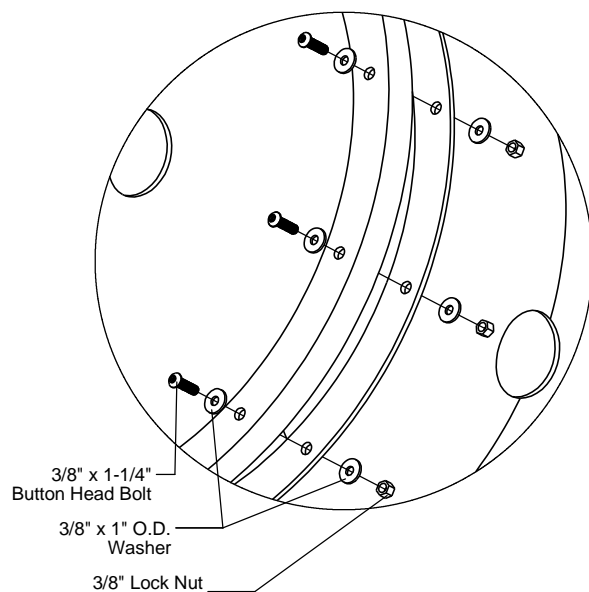


Figure 1.1

## Step 5

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

## Step 6

Place appropriate compliant protective surfacing under and around Inclined Crawl Tube. (See Note D)

## Parts List

Part #	DESCRIPTION	Qty. R35-1500-3I 3 Section	Qty. R35-1500-4I 4 Section	Qty. R35-1500-5I 5 Section	Qty. R35-1500-6I 6 Section
004639	Vertical Crawl Tube Elbow 30 Deg MF	1	1	1	1
004906	Vertical Crawl Tube Elbow 30 Deg MM	1	1	1	1
Varies	Straight Crawl Tube Section	1	2	3	4
008159-PNL	Crawl Tube Offset Panel R35	1	1	1	1
008252-PNL	Crawl Tube Panel R35	1	1	1	1
008252-STF	R35 Tube Panel Stiffener	8	8	8	8
FS-1708-INCL	Tube Support Inclined	1	1	2	2
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	21	33	42	54
9103102-TR	Bolt Button Head 3/8" x 2-1/4"	24	24	24	24
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	90	114	132	156
9413002	Nut Lock 3/8"	21	33	42	54
9413162-BLK	Nut Lock 3/8" w/ Black Cap	24	24	24	24

## Specifications

### TUBES:

Shall be constructed of UV-stabilized, rotationally molded linear low density polyethylene with an average wall thickness of .250".

### 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 B