

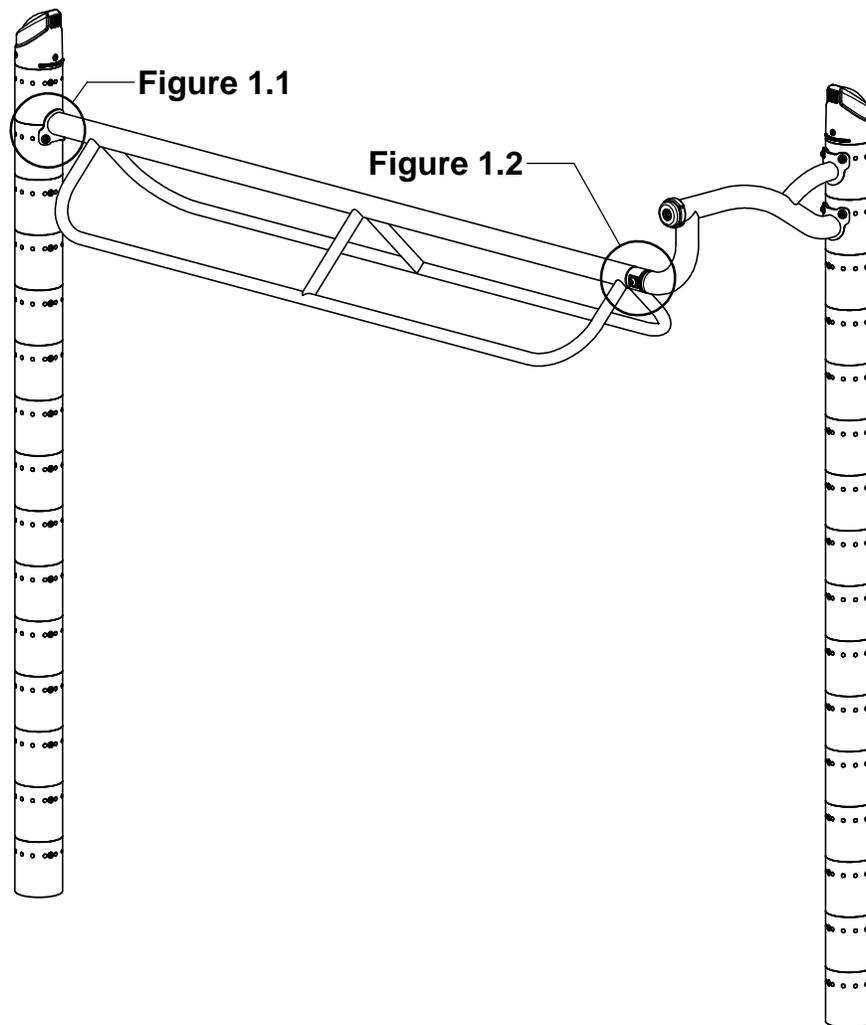
**IMPORTANT NOTES: Read First**

(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) The maximum height of rungs (at grasping point) from the top of the protective surfacing varies by age group: Ages 2-5: 60" [1524mm] above protective surfacing. Ages 5-12: 84" [2130mm] above protective surfacing.

(C) An appropriate energy absorbing safety surface is required under and around all playground equipment. Loose fill protective surfacing is shown only as an example for the purpose of this assembly instruction. Other surfacing material may vary in thickness and/or compression depths. 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  
V-Wing Bar Traverse**



**NOTE:** V-Wing Bar Traverse attached from Post to Mount Arm shown. Other configurations will vary slightly, but does not affect assembly.



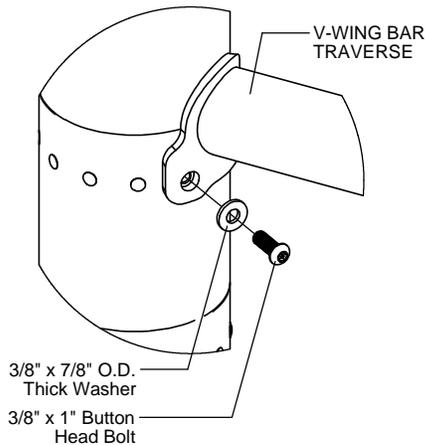
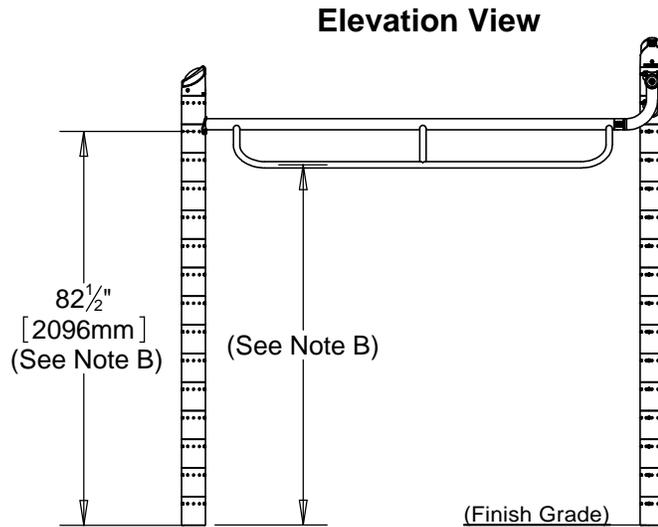
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## Step 1

Refer to Elevation View, locate mounting holes and remove required post plugs for assembly. Height shown from finish grade to mounting hole.



**Figure 1.1**

## Step 2

### For Beam To Post Connection

Refer to Elevation View and attach V-Wing Bar Traverse as shown in Figure 1.1. (See Notes A & B)

## Step 3

### For Beam To Pin Connection

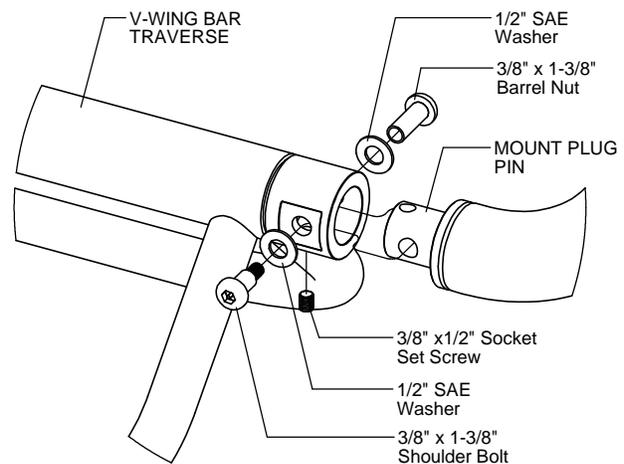
Locate and attach V-Wing Bar Traverse as shown in Figure 1.2. (See Notes A & B)

## Step 4

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

## Step 5

Place required protective surfacing under and around V-Wing Bar Traverse. (See Note C)



**Figure 1.2**

# V-WING BAR TRAVERSE RV INSTALLATION INSTRUCTIONS

**RV-1431**  
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## Parts List

S-1413-RV		
Part #	DESCRIPTION	QTY
FS-1431-RV	V-Wing Bar Traverse RV	1
4-9339042	Washer Flat 3/8" x 7/8" O.D. x .100" Thick	4
9103052-TR	Bolt Button Head 3/8" x 1"	4

S-1413-1RV		
Part #	DESCRIPTION	QTY
FS-1431-1RV	V-Wing Bar Traverse 1 Mount RV	1
4-9339042	Washer Flat 3/8" x 7/8" O.D. x .100" Thick	2
9103052-TR	Bolt Button Head 3/8" x 1"	2
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	1
9263012-TR	3/8" x 1/2" Socket Set Screw	1
9345002	Washer Flat SAE 1/2"	2
9443062-TR	Nut Barrel 3/8" x 1-3/8"	1

S-1413-2RV		
Part #	DESCRIPTION	QTY
FS-1431-2RV	V-Wing Bar Traverse 2 Mount RV	1
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	2
9263012-TR	3/8" x 1/2" Socket Set Screw	2
9345002	Washer Flat SAE 1/2"	4
9443062-TR	Nut Barrel 3/8" x 1-3/8"	2

## Specifications

### V-WING BAR TRAVERSE RV:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1.315" O.D. 12 gauge steel handles and 1/4" thick stainless steel mounting brackets. The V-Wing Bar Traverse RV shall have a multi-stage baked-on powder coat finish.

### V-WING BAR TRAVERSE 1 MOUNT RV:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1.315" O.D. 12 gauge steel handles, 1/4" thick stainless steel mounting bracket and stainless steel housing. The V-Wing Bar Traverse 1 Mount RV shall have a multi-stage baked-on powder coat finish.

### V-WING BAR TRAVERSE 2 MOUNT RV:

Shall be fabricated using 2.375" O.D. 10 gauge steel tubing with welded 1.315" O.D. 12 gauge steel handles and stainless steel housings. The V-Wing Bar Traverse 2 Mount RV 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.



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