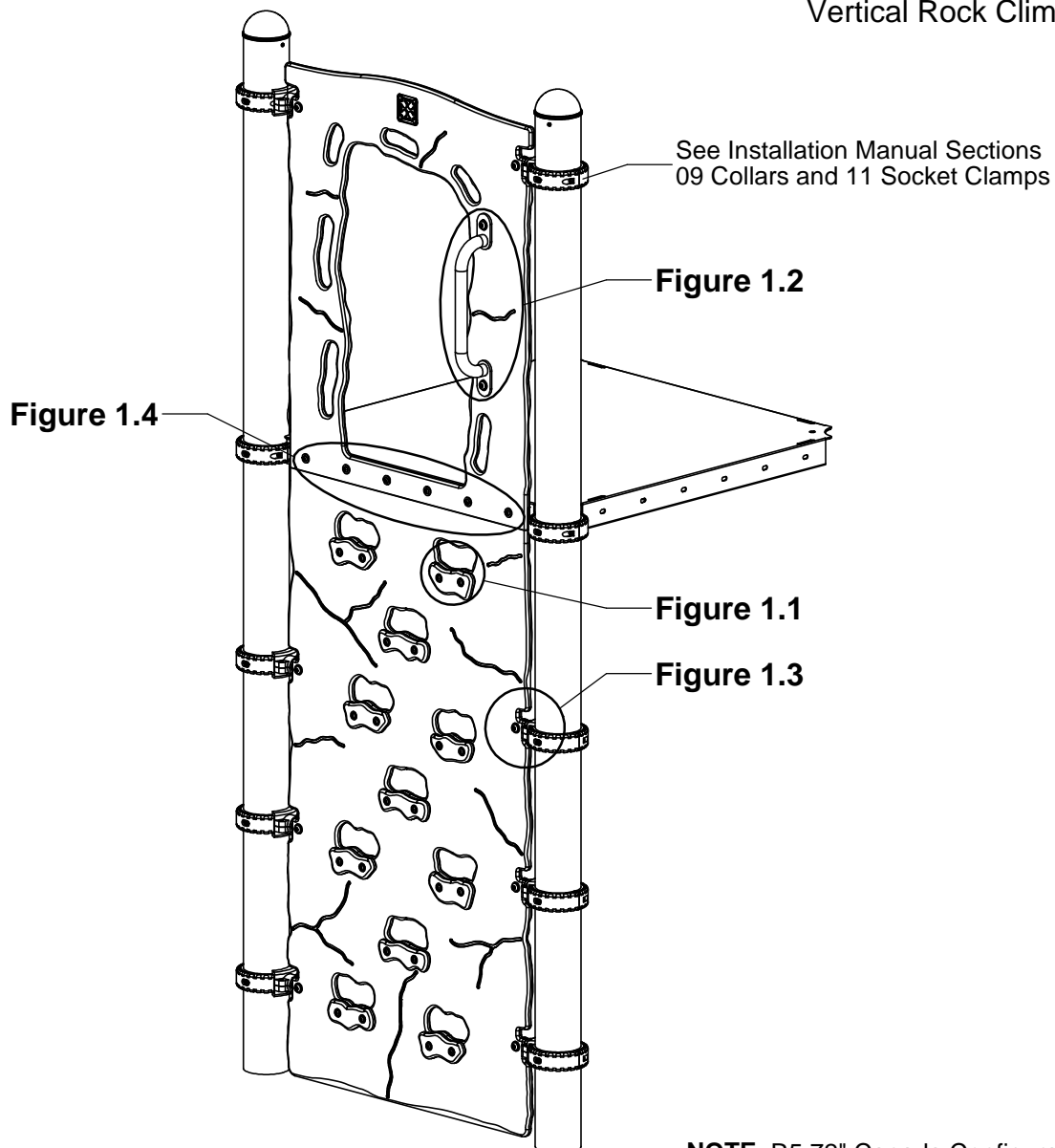


## IMPORTANT NOTES: Read First

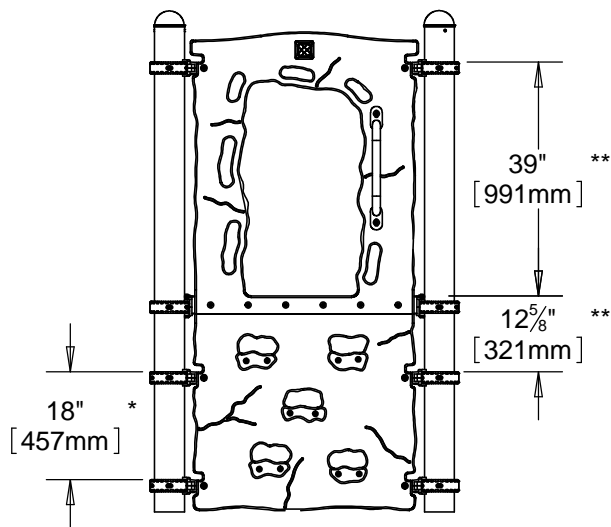
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(B) Refer to Installation Manual for 09 Collars and 11 Socket Clamps assembly instructions.

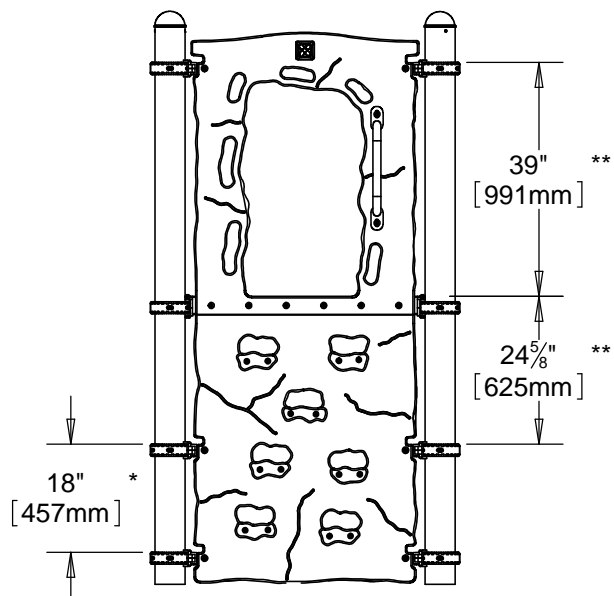
**FIGURE 1**  
Vertical Rock Climber



**NOTE:** R5 72" Canada Configuration shown. Other Configurations will vary slightly, but does not affect the assembly.

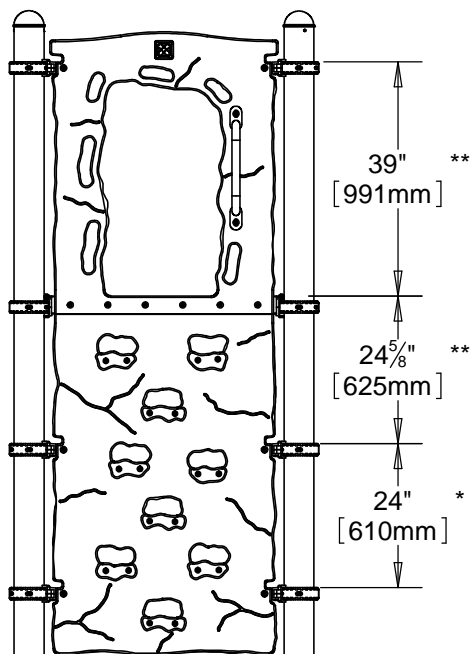


**FIGURE 2**  
36" Vertical Rock Climber

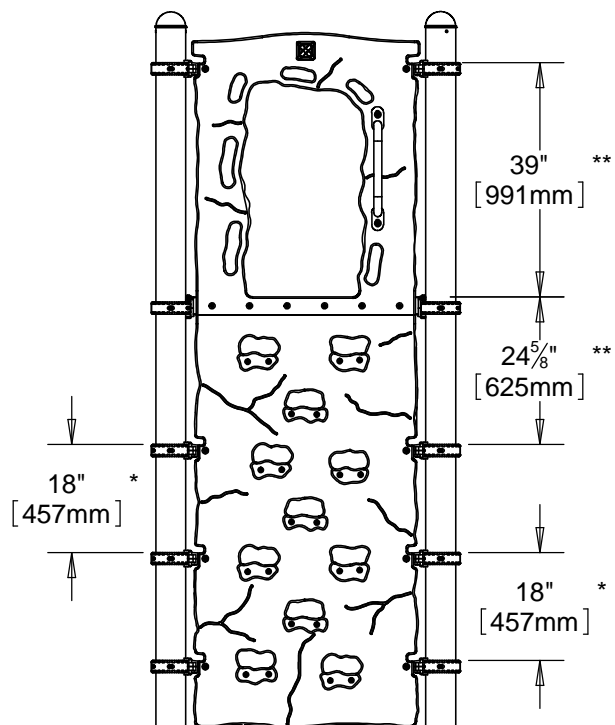


**FIGURE 3**  
48" Vertical Rock Climber

\* Top of Collar to Top of Collar  
\*\* Top of Deck to top of Collar



**FIGURE 4**  
60" Vertical Rock Climber



**FIGURE 5**  
72" Vertical Rock Climber

## Step 1 (Factory Assembled)

Attach the Vertical Rock Climb Grips to their corresponding slot on the Vertical Rock Climber Panel as shown in Figure 1.1. (See Note A)

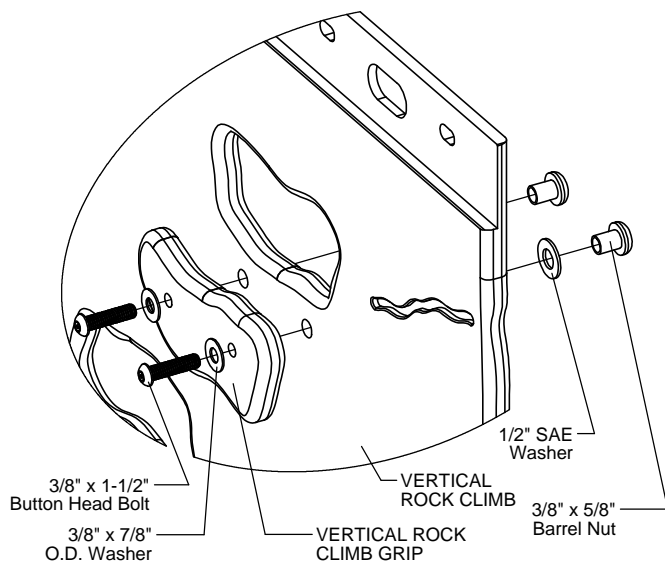


Figure 1.1

## Step 2

Attach the Vertical Rock Climber Handle to the Vertical Rock Climb Entry Panel as shown in Figure 1.2. (See Note A)

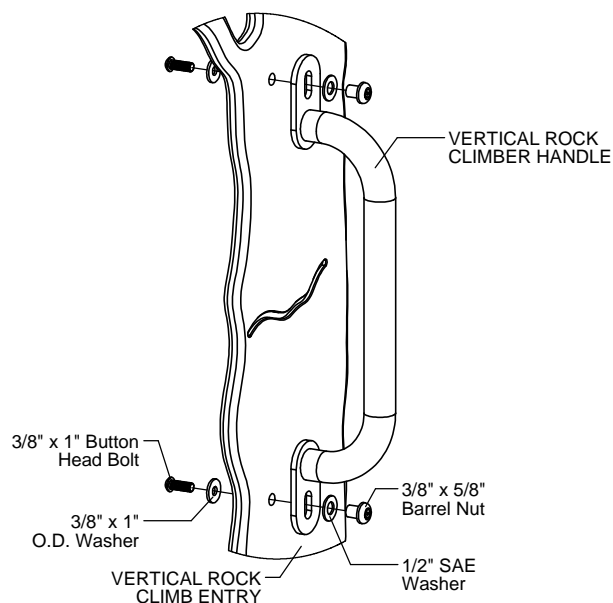


Figure 1.2

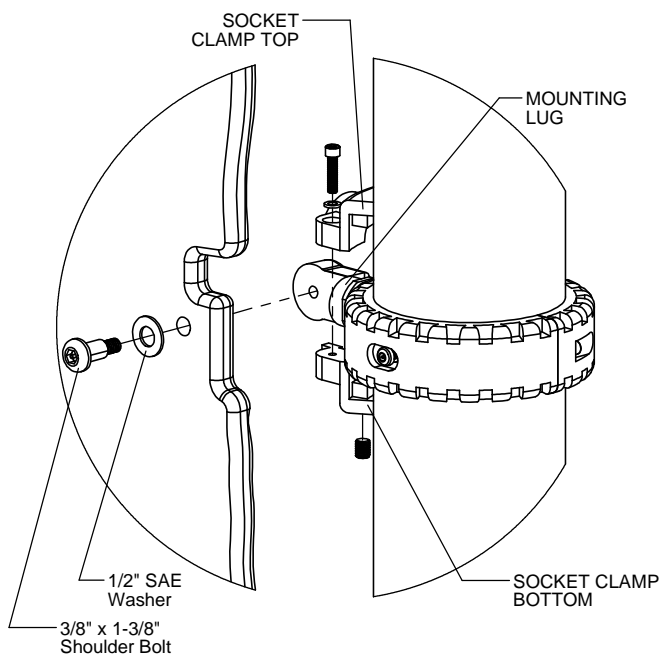


Figure 1.3

## Step 3

Attach the collars at the heights shown on Page 2 for your climber height. (See Note A and Note B)

## Step 4

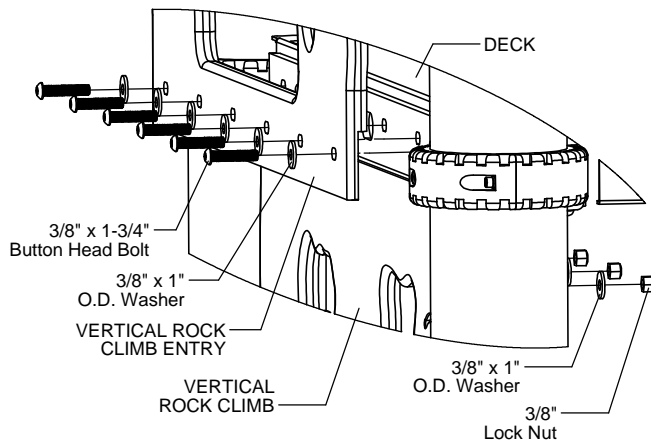
Attach the Vertical Rock Climber Panel and Vertical Rock Climber Entry Panel to the posts as shown in Figure 1.3. (See Note A and Note B)

## Step 5

Attach the Vertical Rock Climber Panel and Vertical Rock Climber Entry Panel to the Deck as shown in Figure 1.4. (See Note A)

## Step 6

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



**Figure 1.4**

## Parts List

36" Parts List		
Part #	DESCRIPTION	QTY.
FS-1237	Vertical Rock Climber Handle	1
HS-1001-R5	Socket Clamp Set R5	6
Varies	Mounting Lug	6
Varies	Vertical Rock Climb Entry	1
9103052-TR	Bolt Button Head 3/8" x 1"	2
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	6
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	14
9345002	Washer Flat SAE 1/2"	8
9413002	Nut Lock 3/8"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2

36" Assembled Parts List		
Part #	DESCRIPTION	QTY.
EE-8197-G1	Vertical Rock Climb Grip - 1	1
EE-8197-G2	Vertical Rock Climb Grip - 2	1
EE-8197-G3	Vertical Rock Climb Grip - 3	1
EE-8197-G4	Vertical Rock Climb Grip - 4	2
Varies	Vertical Rock Climb 36"	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	10
9333042	Washer Flat 3/8" x 7/8" O.D.	10
9345002	Washer Flat SAE 1/2"	10
9443022-TR	Nut Barrel 3/8" x 5/8" BH	10

48" Parts List		
Part #	DESCRIPTION	QTY.
FS-1237	Vertical Rock Climber Handle	1
HS-1001-R5	Socket Clamp Set R5	6
Varies	Mounting Lug	6
Varies	Vertical Rock Climb Entry	1
9103052-TR	Bolt Button Head 3/8" x 1"	2
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	6
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	14
9345002	Washer Flat SAE 1/2"	8
9413002	Nut Lock 3/8"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2

48" Assembled Parts List		
Part #	DESCRIPTION	QTY.
EE-8197-G1	Vertical Rock Climb Grip - 1	1
EE-8197-G2	Vertical Rock Climb Grip - 2	1
EE-8197-G3	Vertical Rock Climb Grip - 3	1
EE-8197-G4	Vertical Rock Climb Grip - 4	3
EE-8197-G5	Vertical Rock Climb Grip - 5	1
Varies	Vertical Rock Climb 48"	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	14
9333042	Washer Flat 3/8" x 7/8" O.D.	14
9345002	Washer Flat SAE 1/2"	14
9443022-TR	Nut Barrel 3/8" x 5/8" BH	14

## Parts List

60" Parts List		
Part #	DESCRIPTION	QTY.
FS-1237	Vertical Rock Climber Handle	1
HS-1001-R5	Socket Clamp Set R5	6
Varies	Mounting Lug	6
Varies	Vertical Rock Climb Entry	1
9103052-TR	Bolt Button Head 3/8" x 1"	2
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	6
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	14
9345002	Washer Flat SAE 1/2"	8
9413002	Nut Lock 3/8"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2

72" Parts List		
Part #	DESCRIPTION	QTY.
FS-1237	Vertical Rock Climber Handle	1
HS-1001-R5	Socket Clamp Set R5	8
Varies	Mounting Lug	8
Varies	Vertical Rock Climb Entry	1
9103052-TR	Bolt Button Head 3/8" x 1"	2
9103082-TR	Bolt Button Head 3/8" x 1-3/4"	6
9143062-TR	Bolt Shoulder 3/8" x 1-3/8" BH	8
9333002	Washer Flat 3/8" x 1" O.D. x .100" thick	14
9345002	Washer Flat SAE 1/2"	10
9413002	Nut Lock 3/8"	6
9443022-TR	Nut Barrel 3/8" x 5/8" BH	2

60" Assembled Parts List		
Part #	DESCRIPTION	QTY.
EE-8197-G1	Vertical Rock Climb Grip - 1	1
EE-8197-G2	Vertical Rock Climb Grip - 2	1
EE-8197-G3	Vertical Rock Climb Grip - 3	3
EE-8197-G4	Vertical Rock Climb Grip - 4	3
EE-8197-G5	Vertical Rock Climb Grip - 5	1
Varies	Vertical Rock Climb 60"	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	18
9333042	Washer Flat 3/8" x 7/8" O.D.	18
9345002	Washer Flat SAE 1/2"	18
9443022-TR	Nut Barrel 3/8" x 5/8" BH	18

72" Assembled Parts List		
Part #	DESCRIPTION	QTY.
EE-8197-G1	Vertical Rock Climb Grip - 1	1
EE-8197-G2	Vertical Rock Climb Grip - 2	2
EE-8197-G3	Vertical Rock Climb Grip - 3	3
EE-8197-G4	Vertical Rock Climb Grip - 4	4
EE-8197-G5	Vertical Rock Climb Grip - 5	1
Varies	Vertical Rock Climb 72"	1
9103072-TR	Bolt Button Head 3/8" x 1-1/2"	22
9333042	Washer Flat 3/8" x 7/8" O.D.	22
9345002	Washer Flat SAE 1/2"	22
9443022-TR	Nut Barrel 3/8" x 5/8" BH	22

## Specifications

### VERTICAL ROCK CLIMBER HANDLE:

Shall be fabricated from Ø 1.315" 12 gauge tubing welded to 1/4" Steel tabs. Handle shall have a multi-stage baked-on powder coat finish.

### VERTICAL ROCK CLIMBER PANELS:

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

### MOUNTING LUGS:

Shall be precision die-cast from a high-strength aluminum alloy. The Mounting Lugs 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.



Manufactured by Krauss Craft, Inc.  
www.playcraftsystems.com

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541.955.9199 (International)

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