

IMPORTANT NOTES: Read First

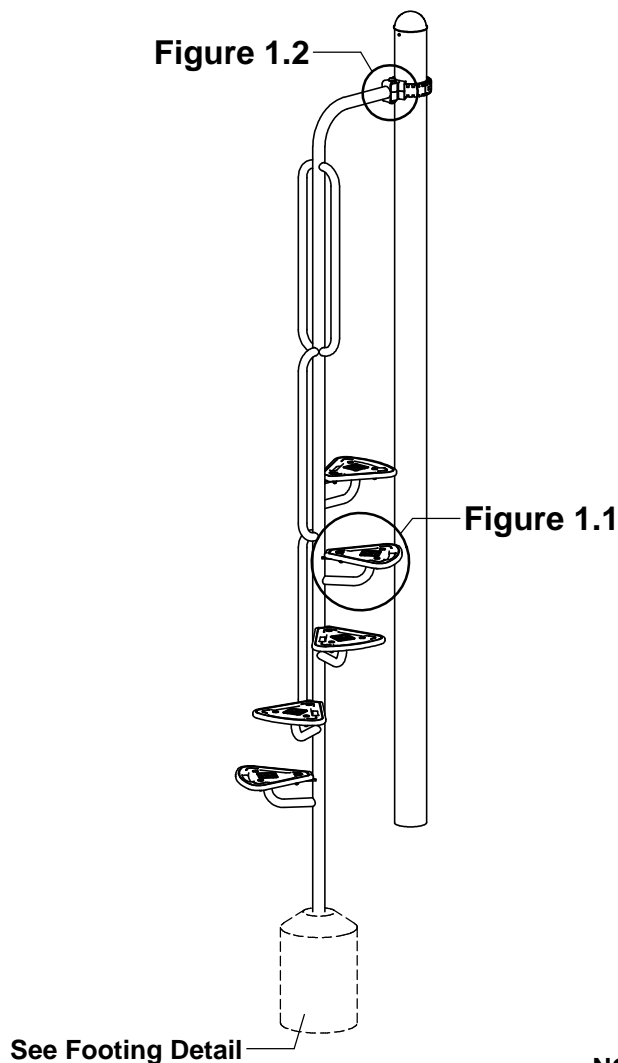
(A) Use liquid thread lock (such as Loctite®) with all threaded hardware. **Important:** Liquid thread lock (prior to curing) helps to eliminate the common problem of "thread seizure" in stainless steel hardware by serving as a lubricant during assembly.

(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 09 Collars assembly instructions.

(D) 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 for the surfacing appropriate for the fall height of the equipment or consult your surfacing supply representative.

FIGURE 1
Spiral Step Climber



NOTE: R5 5' Spiral Step Climber shown. Other configurations will vary slightly, but does not affect assembly.

Step 1

Refer to Footing Layout and mark footing hole location. Dig (1) Ø 12" footing hole. Refer to Footing Detail for depth and details.

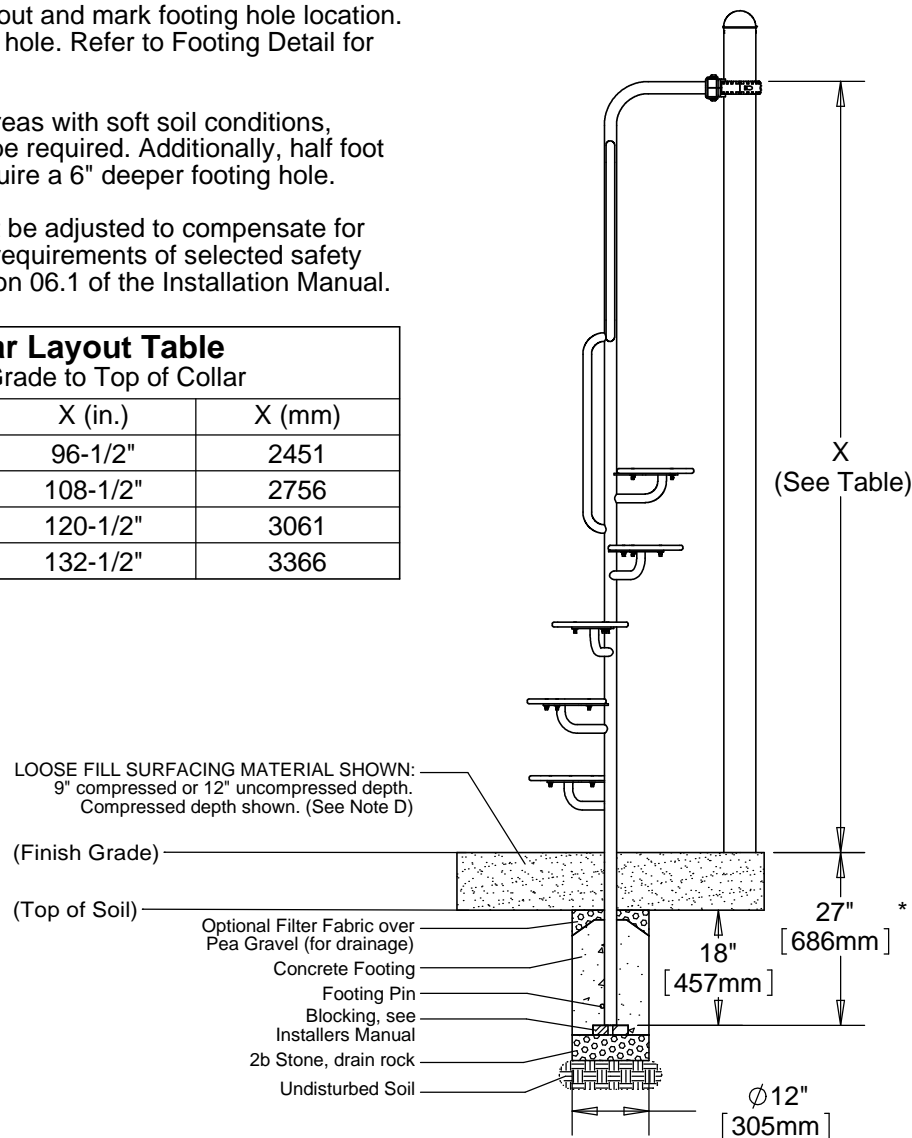
IMPORTANT: For areas with soft soil conditions, larger footings may be required. Additionally, half foot deck heights will require a 6" deeper footing hole.

* Footing depth must be adjusted to compensate for the depth/thickness requirements of selected safety surfacing. See Section 06.1 of the Installation Manual.

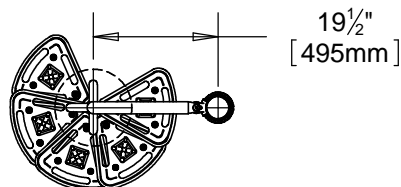
Collar Layout Table
 Finish Grade to Top of Collar

Deck Height	X (in.)	X (mm)
36"	96-1/2"	2451
42"	108-1/2"	2756
48"	120-1/2"	3061
54"	132-1/2"	3366

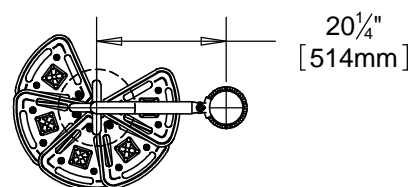
Footing Detail



R3.5 Top View - Footing Layout



R5 Top View - Footing Layout



Step 2

Locate and attach Collar at height given in Footing Detail.
(See Note C)

Step 3 (Factory Assembled)

Attach Spiral Step Climber Treads to Spiral Step Climber
as shown in Figure 1.1. (See Note A)

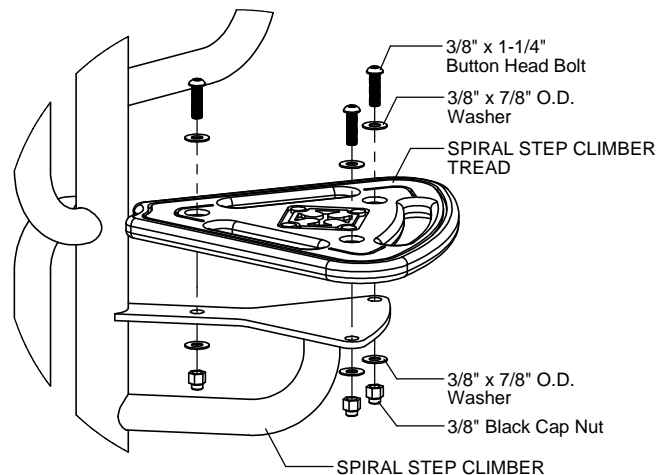


Figure 1.1

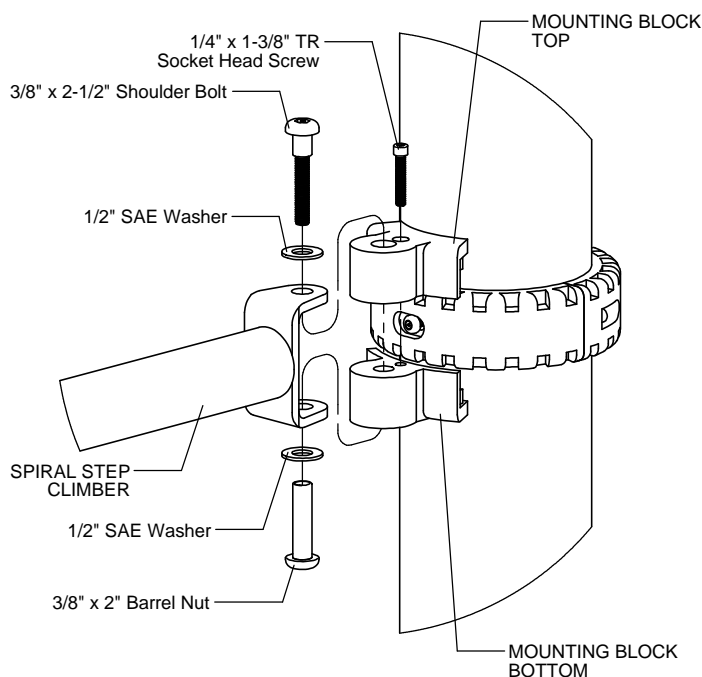


Figure 1.2

Step 4

Place Spiral Step Climber into footing hole and
attach to post as shown in Figure 1.2.
(See Notes A & B)

Step 5

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

Step 6

Plumb and level entire component. Pour concrete
into footing hole. Allow at least 72 hours to cure
before using this equipment. (See Note B)

Step 7

Place required protective surfacing under and
around Spiral Step Climber. (See Note D)

SPIRAL STEP CLIMBER TO POST INSTALLATION INSTRUCTIONS

1234-DSC
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R3.5 Parts List

Part #	DESCRIPTION	QTY
GG-8110	Mounting Block 4 Top R3.5	1
GG-8111	Mounting Block 4 Bottom R3.5	1
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	1
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	1
9345002	Washer Flat SAE 1/2"	2
9443092-TR	Nut Barrel 3/8" x 2" BH	1

R5 Parts List

Part #	DESCRIPTION	QTY
GF-7006-B	Mounting Block R5 Bottom	1
GF-7006-T	Mounting Block R5 Top	1
9143112-TR	Bolt Shoulder 3/8" x 2-1/2" BH	1
9281062-5-TR	Screw Soc HD CS 1/4" x 1-3/8" TR	1
9345002	Washer Flat SAE 1/2"	2
9443092-TR	Nut Barrel 3/8" x 2" BH	1

Assembled Parts List

36" DECK HEIGHT

Part #	DESCRIPTION	QTY
EE-4420	Spiral Step Climber Tread	3
FS-1234-DSC-3	Spiral Step Climber to Post 36"	1
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	9
9333042	Washer Flat 3/8" x 7/8" O.D.	18
9413162-BLK	Nut Lock 3/8" w/ Black Cap	9

48" DECK HEIGHT

Part #	DESCRIPTION	QTY
EE-4420	Spiral Step Climber Tread	4
FS-1234-DSC-4	Spiral Step Climber to Post 48"	1
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	12
9333042	Washer Flat 3/8" x 7/8" O.D.	24
9413162-BLK	Nut Lock 3/8" w/ Black Cap	12

60" DECK HEIGHT

Part #	DESCRIPTION	QTY
EE-4420	Spiral Step Climber Tread	5
FS-1234-DSC-5	Spiral Step Climber to Post 60"	1
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	15
9333042	Washer Flat 3/8" x 7/8" O.D.	30
9413162-BLK	Nut Lock 3/8" w/ Black Cap	15

72" DECK HEIGHT

Part #	DESCRIPTION	QTY
EE-4420	Spiral Step Climber Tread	6
FS-1234-DSC-6	Spiral Step Climber to Post 72"	1
9103062-TR	Bolt Button Head 3/8" x 1-1/4"	18
9333042	Washer Flat 3/8" x 7/8" O.D.	36
9413162-BLK	Nut Lock 3/8" w/ Black Cap	18

Specifications

SPIRAL STEP CLIMBER TO POST:

Shall be fabricated from 1.900" O.D. 11 gauge steel tubing with welded 1.315" O.D. 12 gauge steel tubing handles, tread supports, and 1/4" thick steel plates. Spiral Step Climber to Post shall have a multi-stage baked-on powder coat finish.

SPIRAL STEP CLIMBER TREAD:

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

MOUNTING BLOCKS:

Shall be two-part and precision die-cast from a high strength aluminum alloy. The Mounting Blocks 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

For Customer Service Call
800.333.8519 (U.S.A.) or
541.955.9199 (International)

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